

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103019\
 Data File : VY000494.D
 Acq On : 30 Oct 2019 16:39
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Quant Time: Oct 31 02:11:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	413021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	370270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131424	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.73	113	117242	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.18	98	484783	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	167211	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	50510	20.153	ug/l	93
3) Chloromethane	2.11	50	71890	20.822	ug/l	96
4) Vinyl Chloride	2.25	62	66646	20.787	ug/l	99
5) Bromomethane	2.64	94	40881	21.263	ug/l	99
6) Chloroethane	2.79	64	39949	19.908	ug/l	92
7) Trichlorofluoromethane	3.12	101	86861	20.061	ug/l	97
8) Diethyl Ether	3.53	74	29271	19.025	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.89	101	52580	20.086	ug/l	97
10) Methyl Iodide	4.10	142	64609	20.751	ug/l	97
11) Tert butyl alcohol	4.97	59	24687	96.251	ug/l	100
12) 1,1-Dichloroethene	3.87	96	50348	19.797	ug/l	91
13) Acrolein	3.73	56	19597	87.716	ug/l	96
14) Allyl chloride	4.49	41	85597	20.698	ug/l	98
15) Acrylonitrile	5.17	53	77017	97.721	ug/l	100
16) Acetone	3.96	43	63710	87.731	ug/l	94
17) Carbon Disulfide	4.19	76	164349	20.489	ug/l	99
18) Methyl Acetate	4.49	43	41846	18.532	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	137405	19.432	ug/l	96
20) Methylene Chloride	4.72	84	62327	20.030	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	59073	20.546	ug/l	100
22) Diisopropyl ether	6.13	45	179303	19.948	ug/l	95
23) Vinyl Acetate	6.07	43	560075	98.708	ug/l	99
24) 1,1-Dichloroethane	6.02	63	99190	20.370	ug/l	98
25) 2-Butanone	7.00	43	101757	87.800	ug/l	97
26) 2,2-Dichloropropane	6.99	77	90505	20.338	ug/l	96
27) cis-1,2-Dichloroethene	7.00	96	65655	20.883	ug/l	99
28) Bromochloromethane	7.35	49	24488	14.217	ug/l	96
29) Tetrahydrofuran	7.36	42	66031	93.131	ug/l	98
30) Chloroform	7.52	83	99498	20.198	ug/l	93
31) Cyclohexane	7.79	56	102253	20.049	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	89922	20.482	ug/l	99
36) 1,1-Dichloropropene	7.92	75	81041	20.756	ug/l	98
37) Ethyl Acetate	7.09	43	45835	19.773	ug/l	96
38) Carbon Tetrachloride	7.91	117	79233	21.089	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103019\
 Data File : VY000494.D
 Acq On : 30 Oct 2019 16:39
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Quant Time: Oct 31 02:11:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	105464	20.907	ug/l	93
40) Benzene	8.17	78	232611	20.320	ug/l	96
41) Methacrylonitrile	7.36	41	61798	47.787	ug/l #	59
42) 1,2-Dichloroethane	8.25	62	67442	20.773	ug/l	99
43) Isopropyl Acetate	8.28	43	85376	19.606	ug/l	99
44) Trichloroethene	8.95	130	64073	21.229	ug/l	89
45) 1,2-Dichloropropane	9.22	63	59041	20.956	ug/l	93
46) Dibromomethane	9.31	93	30657	19.786	ug/l	96
47) Bromodichloromethane	9.50	83	74279	20.204	ug/l	98
48) Methyl methacrylate	9.30	41	36541	19.206	ug/l	99
49) 1,4-Dioxane	9.31	88	8608	412.794	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	226399	97.787	ug/l	100
52) Toluene	10.25	92	149858	20.707	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	78131	19.889	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	91178	20.261	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	43882	19.581	ug/l	98
56) Ethyl methacrylate	10.51	69	62292	19.611	ug/l	98
57) 1,3-Dichloropropane	10.79	76	77277	19.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	141195	98.326	ug/l	100
59) 2-Hexanone	10.83	43	158687	94.072	ug/l	99
60) Dibromochloromethane	10.99	129	48912	19.054	ug/l	98
61) 1,2-Dibromoethane	11.09	107	43272	20.082	ug/l	98
64) Tetrachloroethene	10.72	164	62514	20.418	ug/l	98
65) Chlorobenzene	11.52	112	157407	20.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	53575	20.577	ug/l	97
67) Ethyl Benzene	11.59	91	286212	20.715	ug/l	98
68) m/p-Xylenes	11.70	106	220733	41.278	ug/l	99
69) o-Xylene	12.03	106	103780	20.650	ug/l	96
70) Styrene	12.05	104	170781	19.845	ug/l	99
71) Bromoform	12.21	173	28711	19.173	ug/l #	95
73) Isopropylbenzene	12.33	105	273656	20.466	ug/l	98
74) N-amyl acetate	12.14	43	74261	19.392	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51852	19.585	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	71118	34.523	ug/l #	100
77) Bromobenzene	12.61	156	61218	20.189	ug/l	99
78) n-propylbenzene	12.67	91	335286	20.782	ug/l	100
79) 2-Chlorotoluene	12.75	91	184164	20.562	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	232675	20.894	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	18018	19.611	ug/l	99
82) 4-Chlorotoluene	12.86	91	191700	20.648	ug/l	98
83) tert-Butylbenzene	13.07	119	201171	21.157	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	233328	21.044	ug/l	99
85) sec-Butylbenzene	13.25	105	289008	21.334	ug/l	100
86) p-Isopropyltoluene	13.37	119	253858	21.026	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	122940	20.700	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	121584	20.487	ug/l	98
89) n-Butylbenzene	13.69	91	247257	20.763	ug/l	100
90) Hexachloroethane	13.96	117	46287	20.737	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	113279	21.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8811	18.805	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103019\
Data File : VY000494.D
Acq On : 30 Oct 2019 16:39
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Quant Time: Oct 31 02:11:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

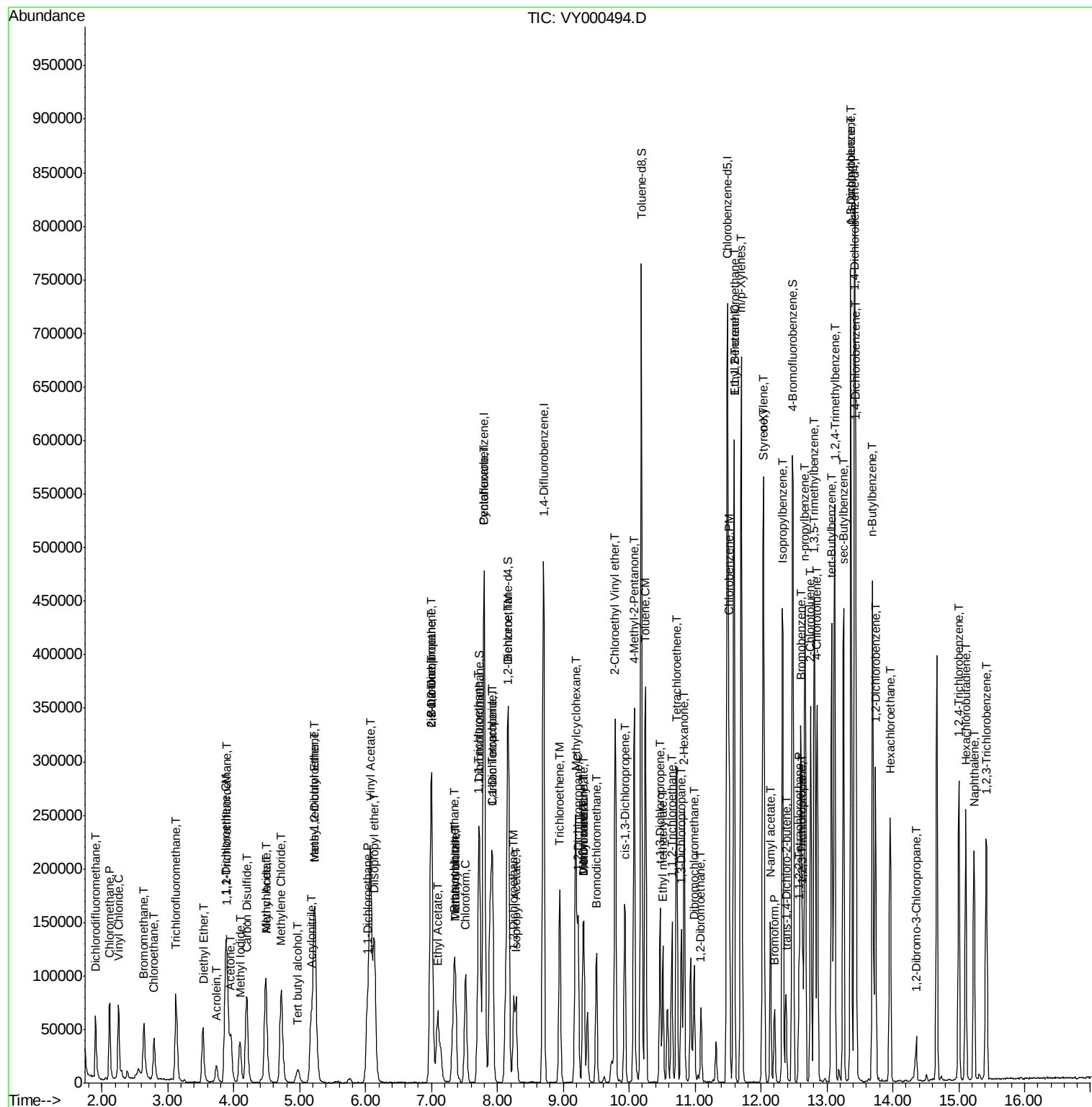
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	80240	21.869	ug/l	97
94) Hexachlorobutadiene	15.11	225	41529	21.957	ug/l	100
95) Naphthalene	15.23	128	171049	21.000	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	68729	20.879	ug/l	98

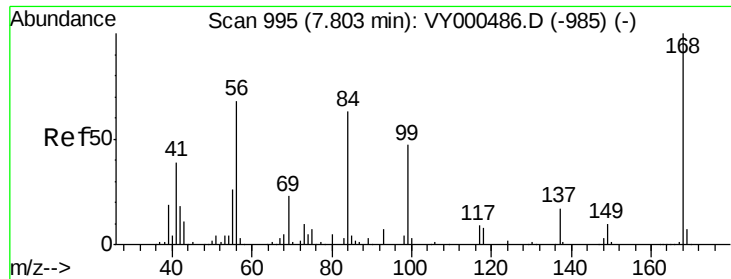
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY103019\
Data File : VY000494.D
Acq On : 30 Oct 2019 16:39
Operator : SY/MD
Sample : VY1030SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Quant Time: Oct 31 02:11:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

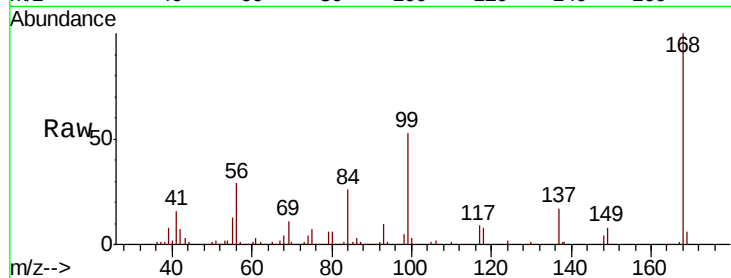
VY1030SBS01

Tot Ion:168 Resp: 254607

Ion Ratio Lower Upper

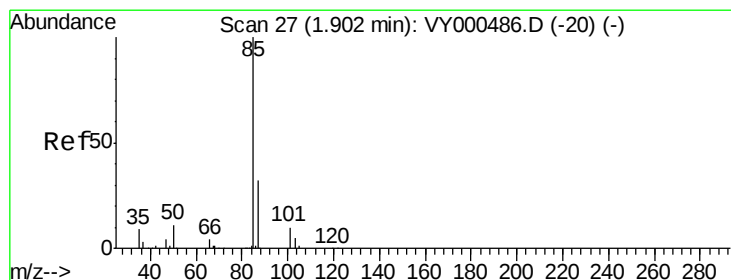
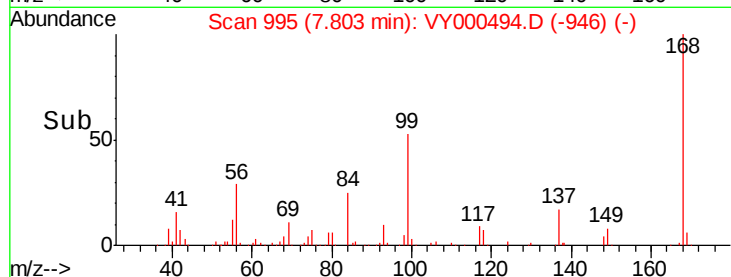
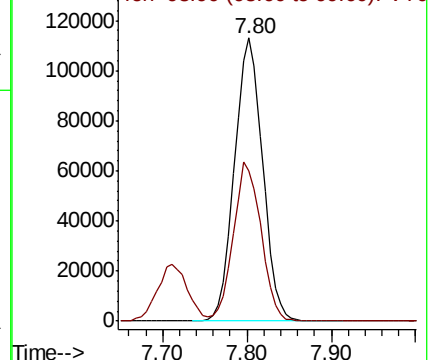
168 100

99 53.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



#2

Dichlorodifluoromethane

Concen: 20.153 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000494.D

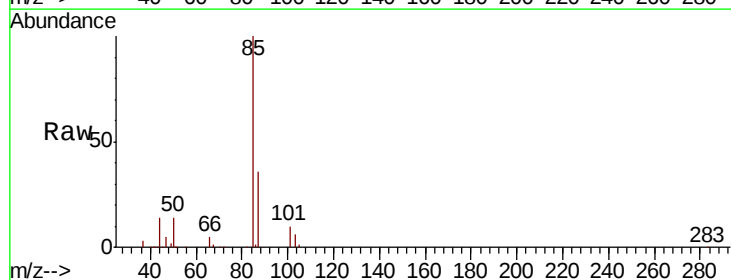
Acq: 30 Oct 2019 16:39

Tgt Ion: 85 Resp: 50510

Ion Ratio Lower Upper

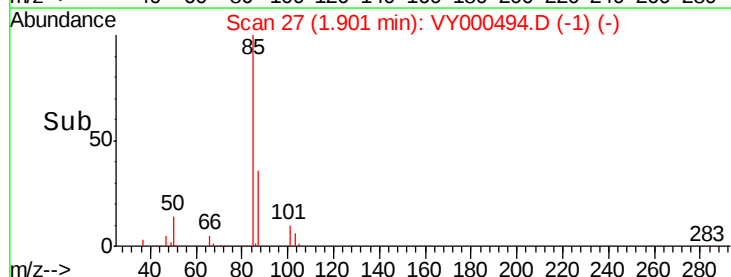
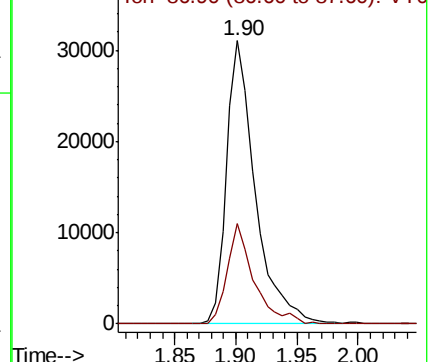
85 100

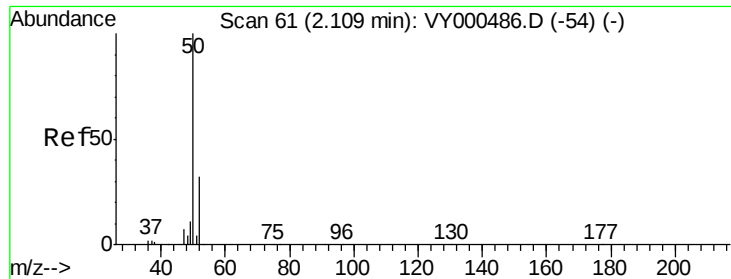
87 35.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)





#3

Chloromethane

Concen: 20.822 ug/l

RT: 2.11 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

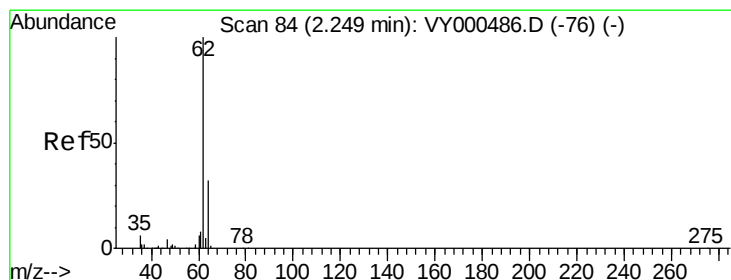
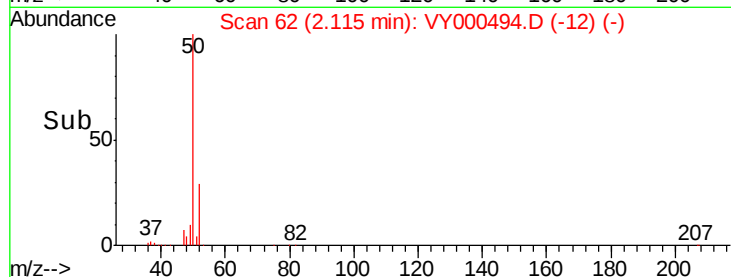
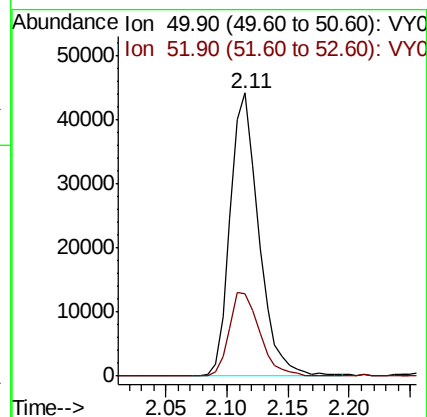
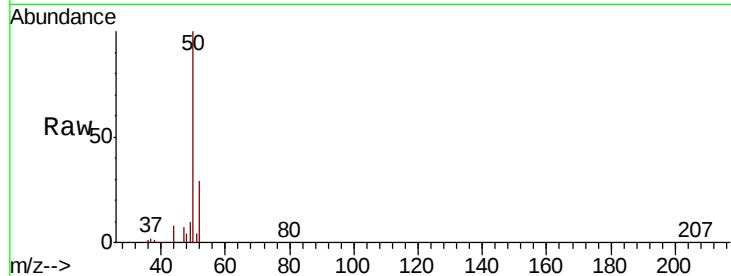
VY1030SBS01

Tot Ion: 50 Resp: 71890

Ion Ratio Lower Upper

50 100

52 29.3 25.2 37.8



#4

Vinyl Chloride

Concen: 20.787 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000494.D

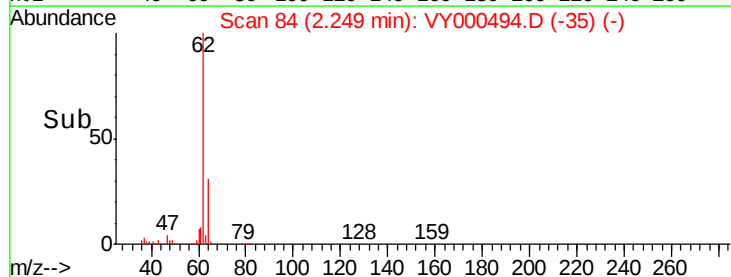
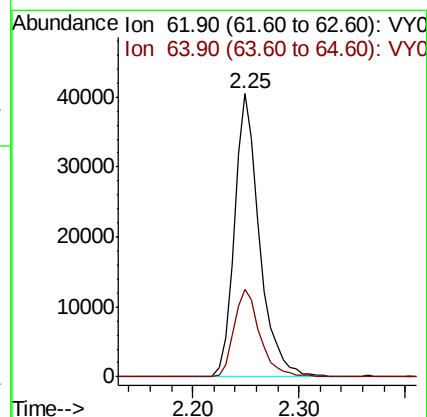
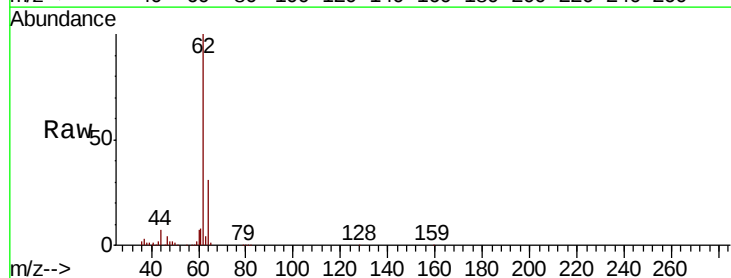
Acq: 30 Oct 2019 16:39

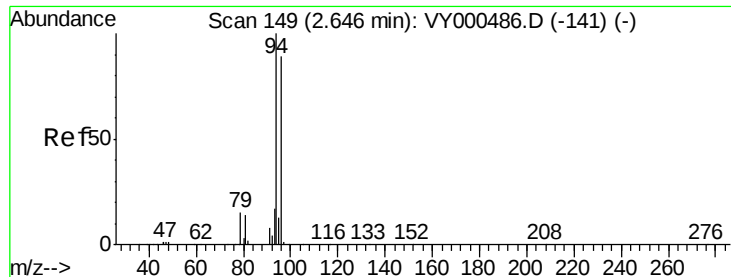
Tgt Ion: 62 Resp: 66646

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8





#5

Bromomethane

Concen: 21.263 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

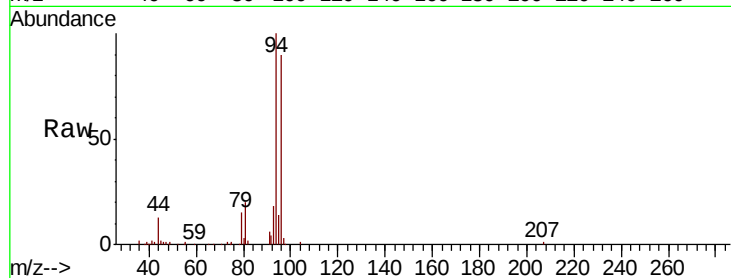
VY1030SBS01

Tot Ion: 94 Resp: 40881

Ion Ratio Lower Upper

94 100

96 90.3 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY000486.D (-141) (-)

Ion 95.90 (95.60 to 96.60): VY000486.D (-141) (-)

2.64

20000

15000

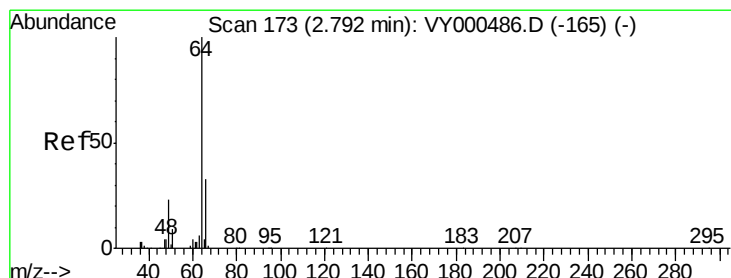
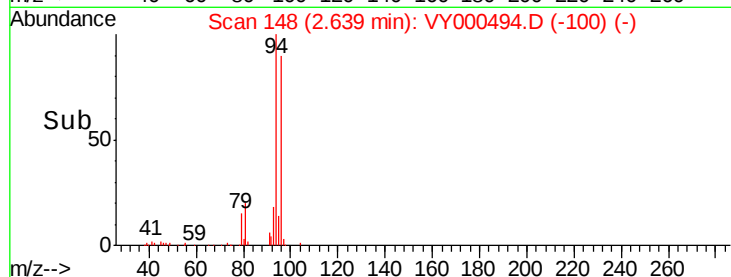
10000

5000

0

2.60 2.70

Time-->



#6

Chloroethane

Concen: 19.908 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000494.D

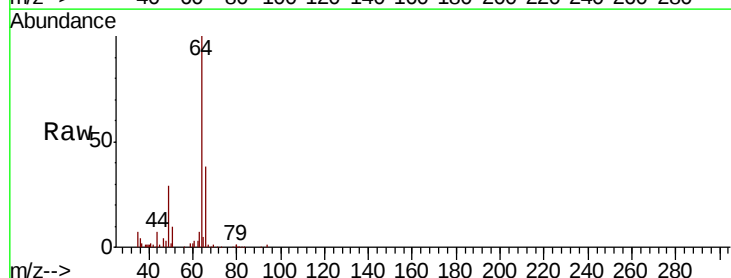
Acq: 30 Oct 2019 16:39

Tgt Ion: 64 Resp: 39949

Ion Ratio Lower Upper

64 100

66 38.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY000486.D (-165) (-)

Ion 65.90 (65.60 to 66.60): VY000486.D (-165) (-)

2.79

20000

15000

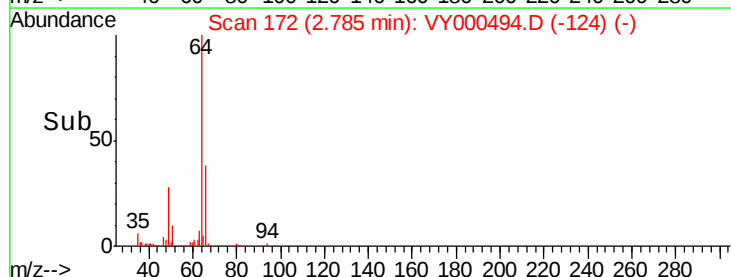
10000

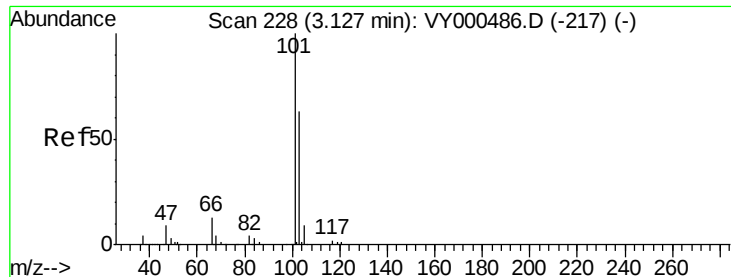
5000

0

2.70 2.80 2.90

Time-->



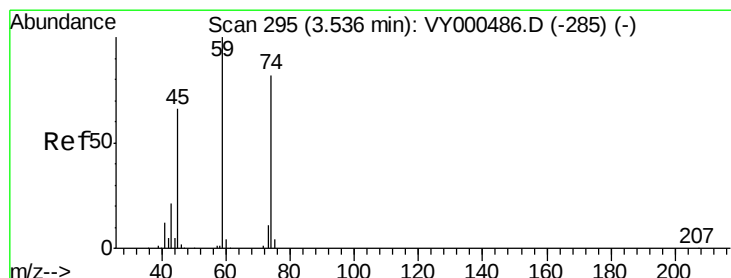
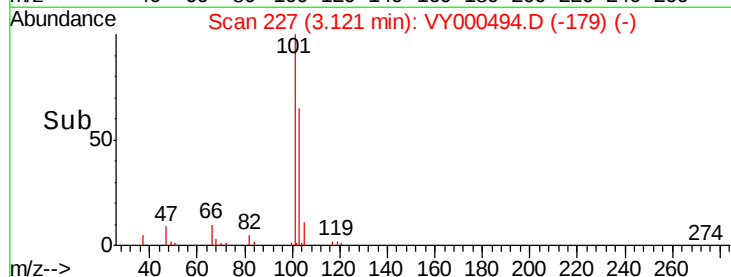
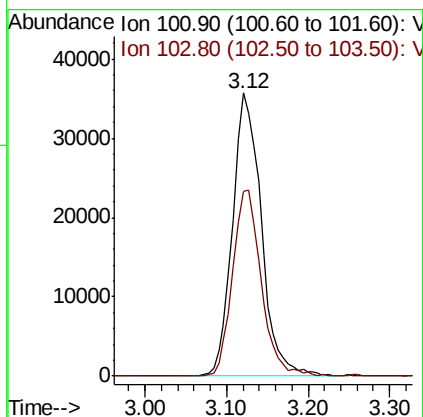
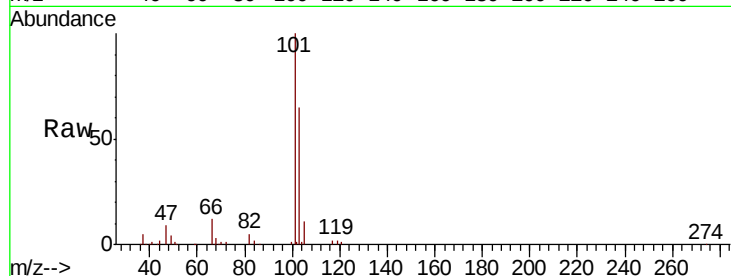


#7

Trichlorofluoromethane
 Concen: 20.061 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

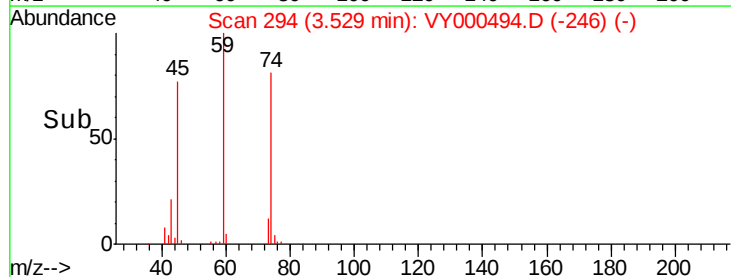
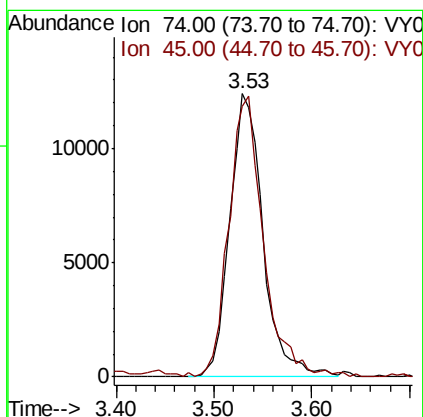
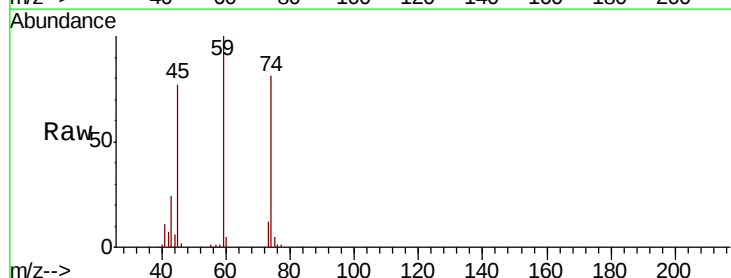
Tot Ion:101 Resp: 86861
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.5 75.7

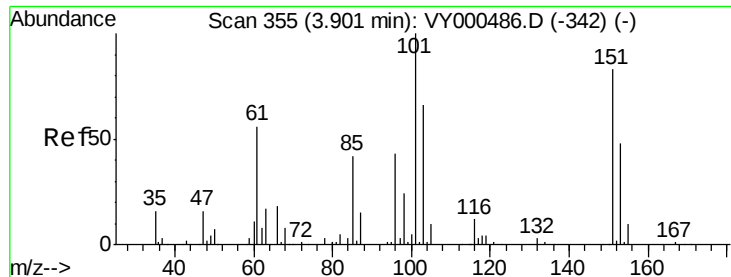


#8

Diethyl Ether
 Concen: 19.025 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 74 Resp: 29271
 Ion Ratio Lower Upper
 74 100
 45 103.4 45.5 136.4

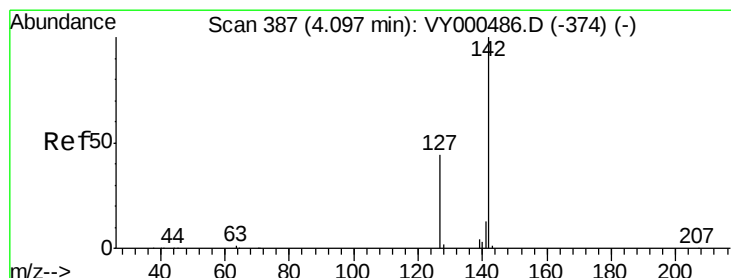
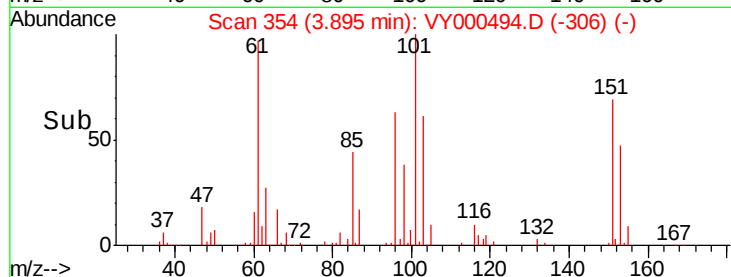
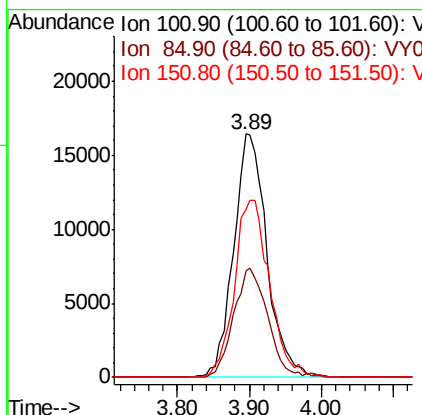
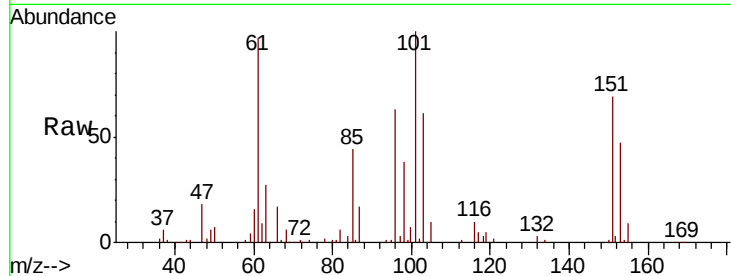




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.086 ug/l
 RT: 3.89 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

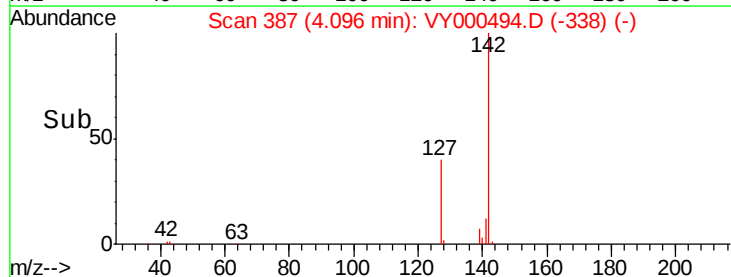
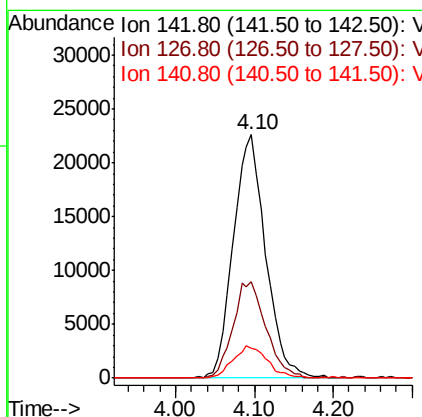
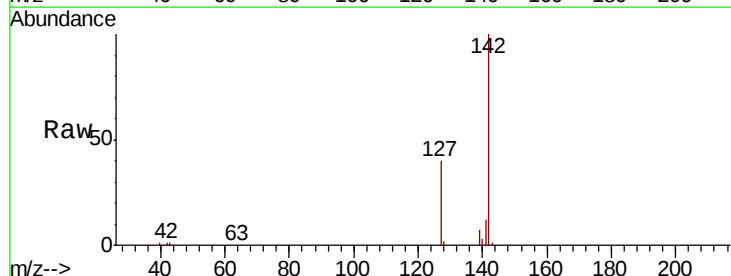
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBSD01

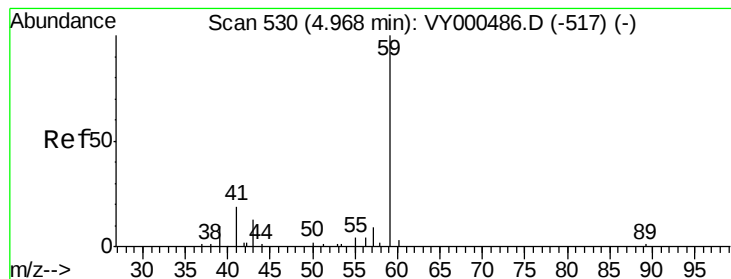
Tot Ion:101 Resp: 52580
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.7 55.1
 151 77.0 64.3 96.5



#10
 Methyl Iodide
 Concen: 20.751 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion:142 Resp: 64609
 Ion Ratio Lower Upper
 142 100
 127 40.2 33.7 50.5
 141 14.0 10.9 16.3





#11

Tert butyl alcohol

Concen: 96.251 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

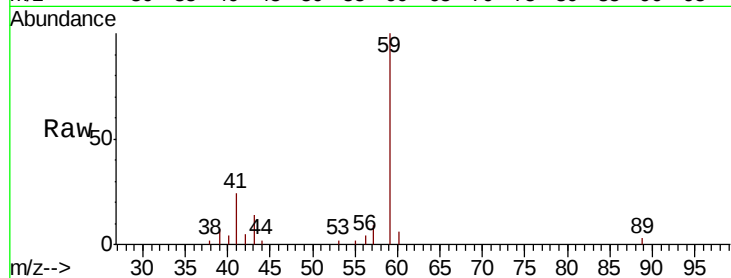
VY1030SBS01

Tot Ion: 59 Resp: 24687

Ion Ratio Lower Upper

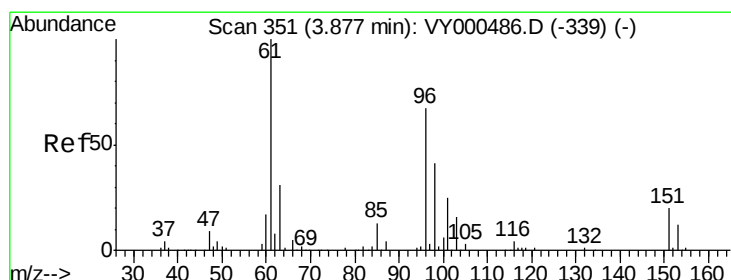
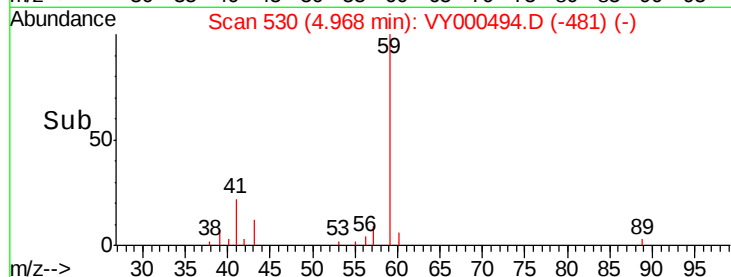
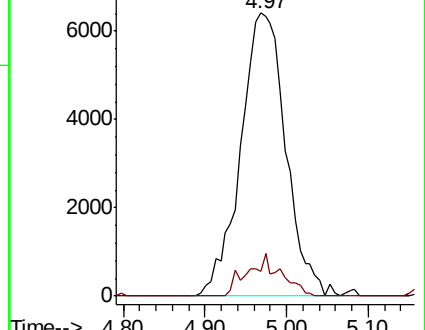
59 100

57 10.9 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VY000486.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY000486.D (-517) (-)



#12

1,1-Dichloroethene

Concen: 19.797 ug/l

RT: 3.87 min Scan# 350

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

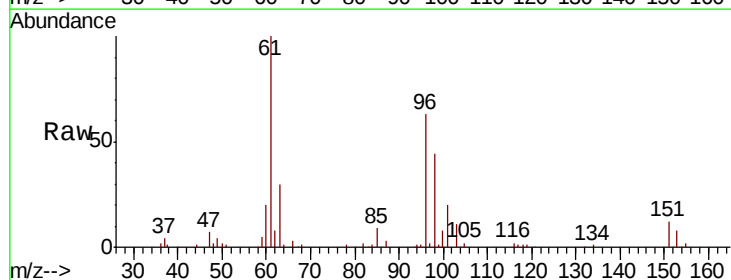
Tgt Ion: 96 Resp: 50348

Ion Ratio Lower Upper

96 100

61 158.5 119.2 178.8

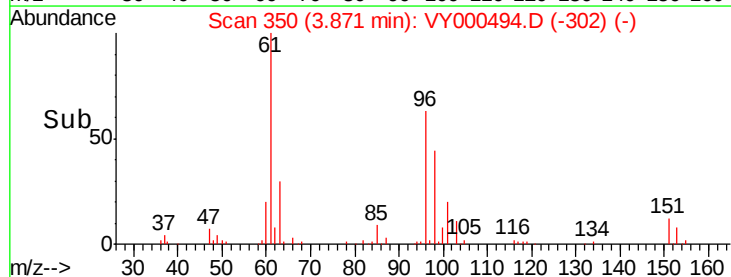
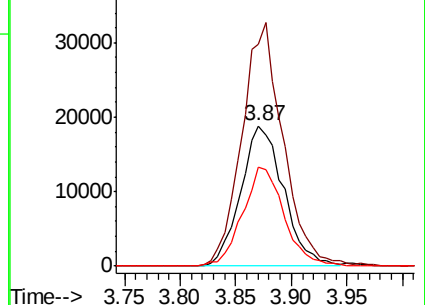
98 70.1 48.6 73.0

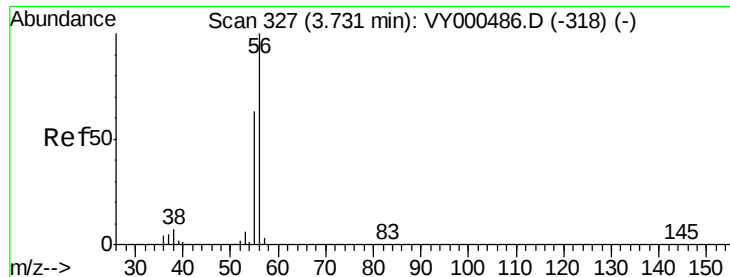


Abundance Ion 95.90 (95.60 to 96.60): VY000486.D (-339) (-)

Ion 60.90 (60.60 to 61.60): VY000486.D (-339) (-)

Ion 97.90 (97.60 to 98.60): VY000486.D (-339) (-)





#13

Acrolein

Concen: 87.716 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

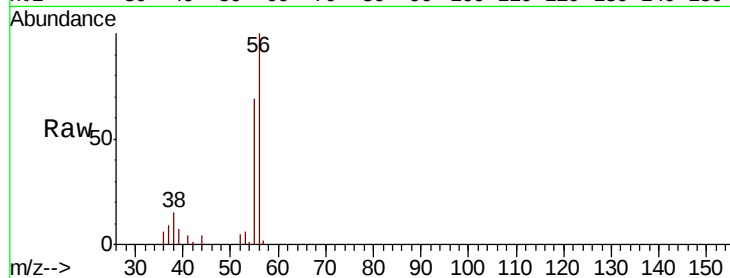
VY1030SBSD01

Tot Ion: 56 Resp: 19597

Ion Ratio Lower Upper

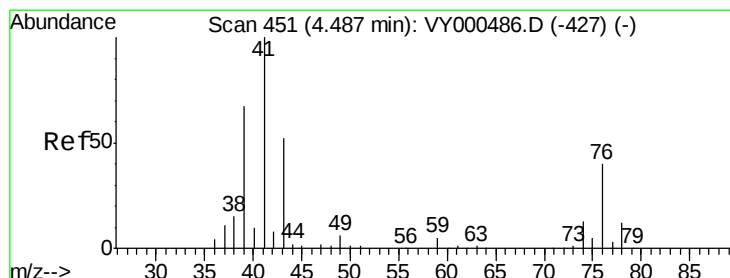
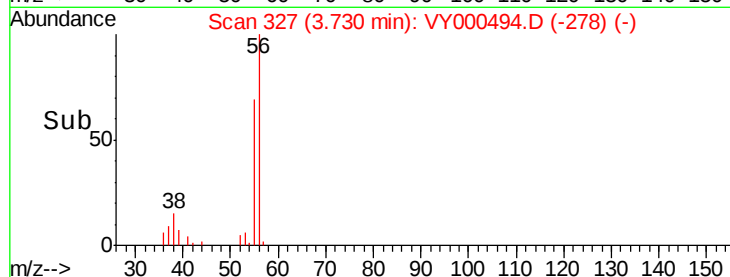
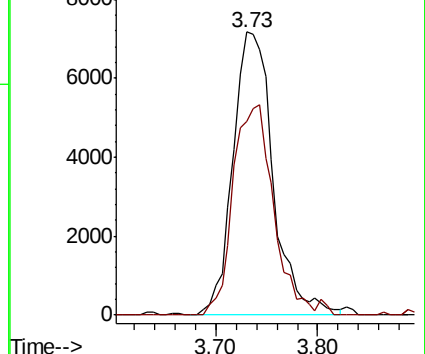
56 100

55 74.4 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.698 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

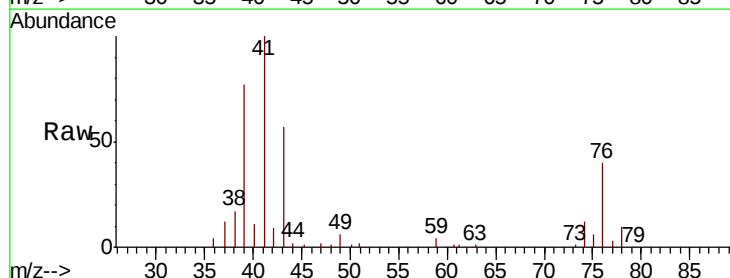
Tgt Ion: 41 Resp: 85597

Ion Ratio Lower Upper

41 100

39 68.2 53.6 80.4

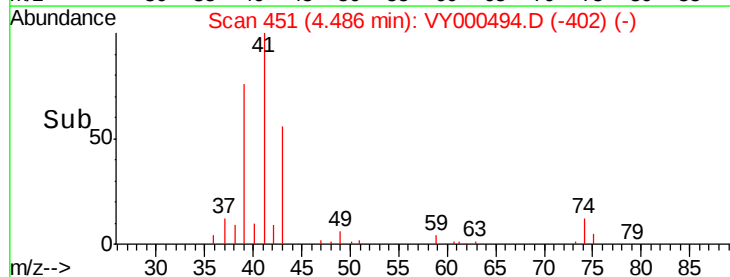
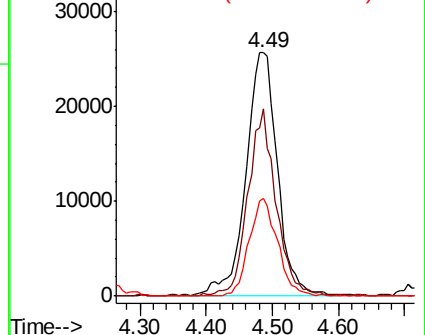
76 36.0 29.8 44.6

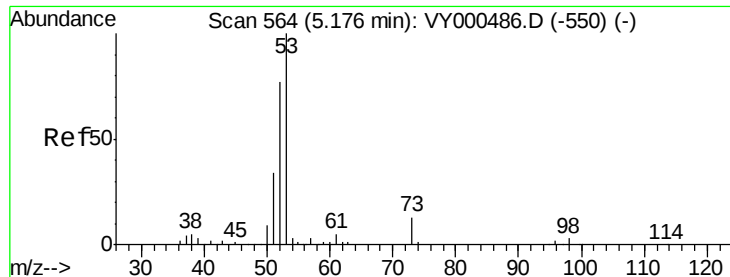


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 97.721 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

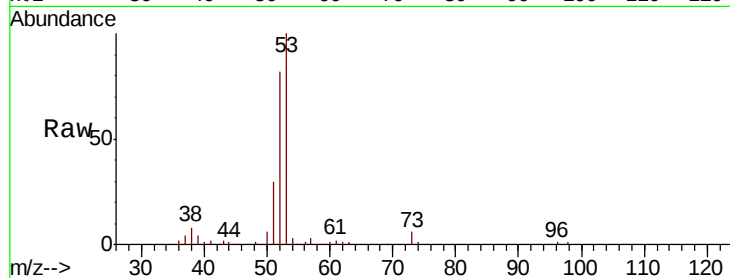
Tot Ion: 53 Resp: 77017

Ion Ratio Lower Upper

53 100

52 80.9 64.9 97.3

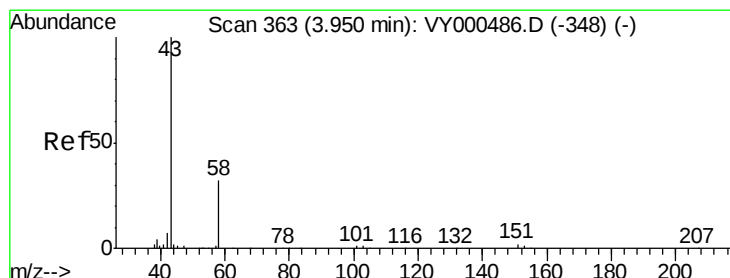
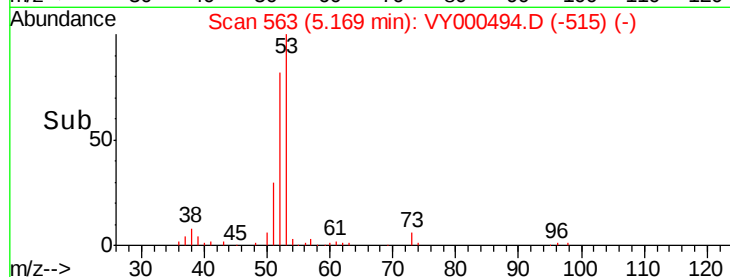
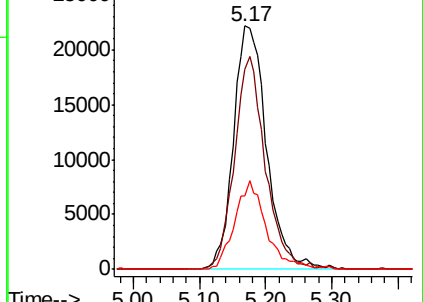
51 34.3 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 87.731 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000494.D

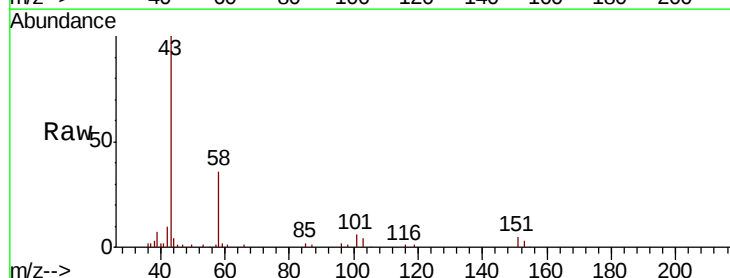
Acq: 30 Oct 2019 16:39

Tgt Ion: 43 Resp: 63710

Ion Ratio Lower Upper

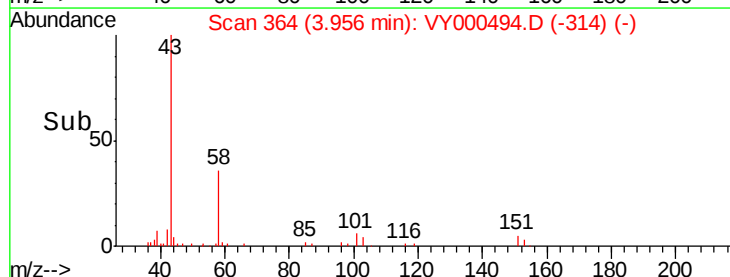
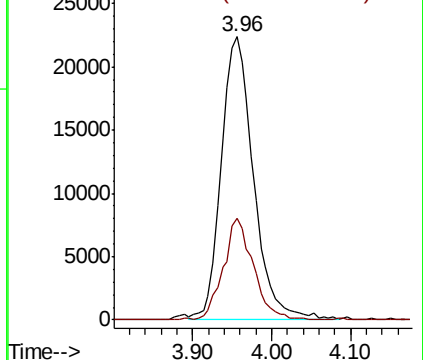
43 100

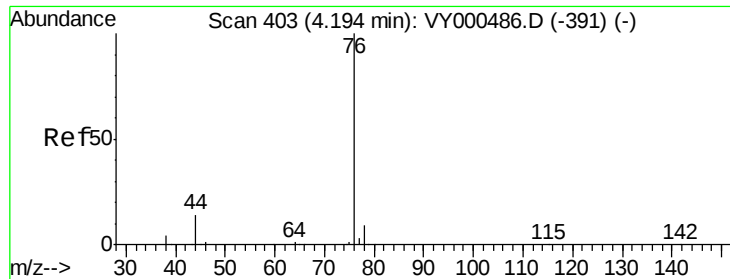
58 35.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

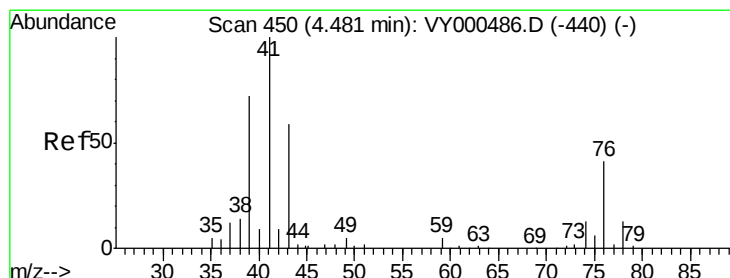
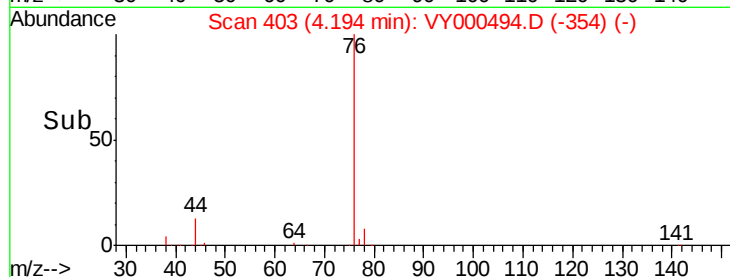
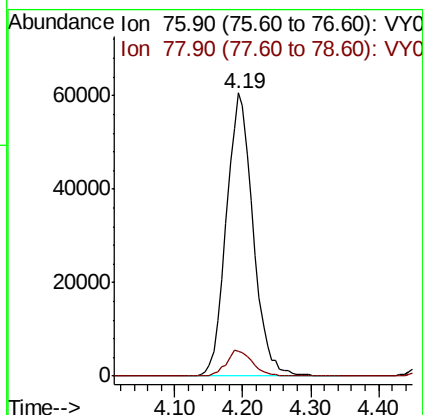
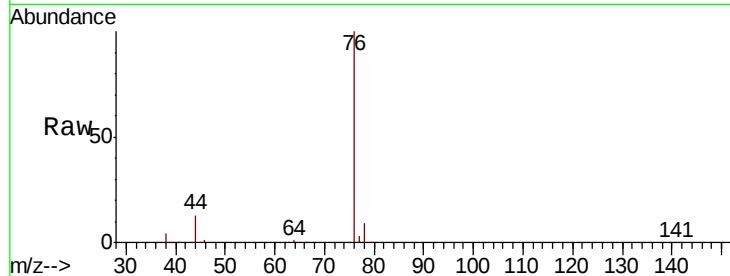




#17
Carbon Disulfide
Concen: 20.489 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

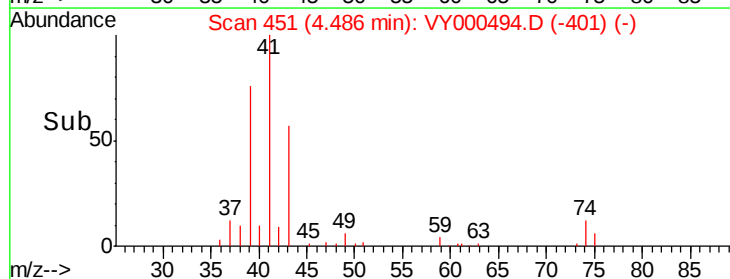
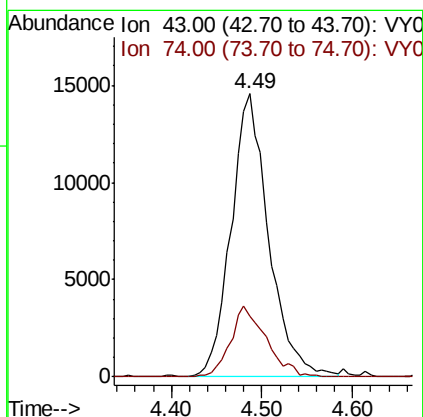
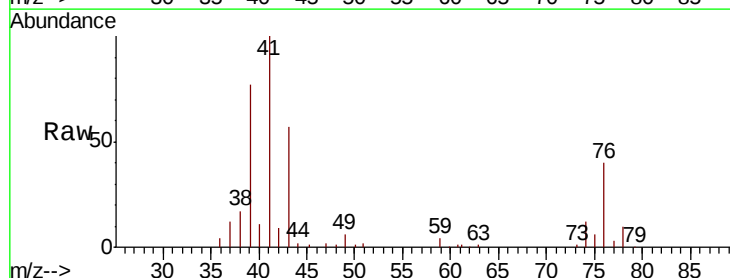
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

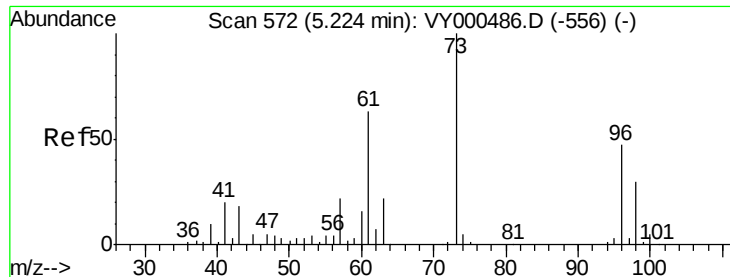
Tot Ion: 76 Resp: 164349
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 18.532 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 43 Resp: 41846
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8

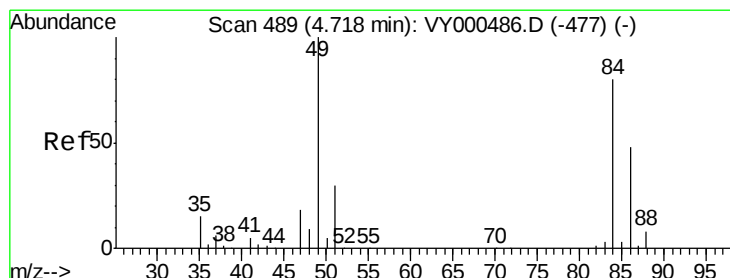
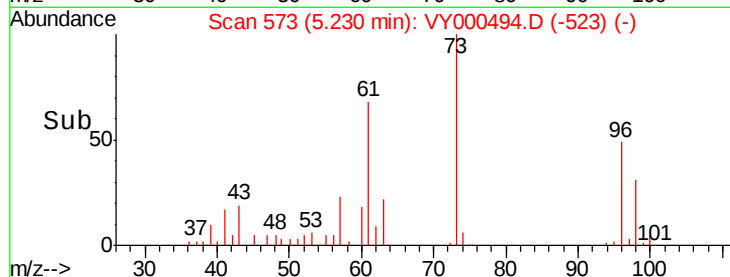
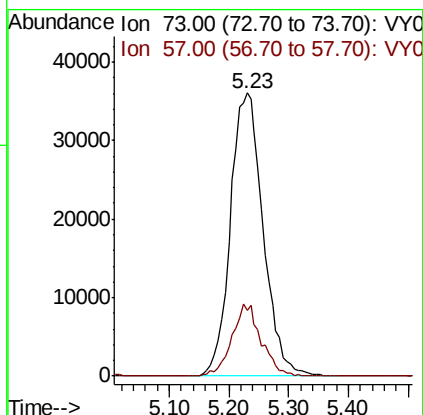
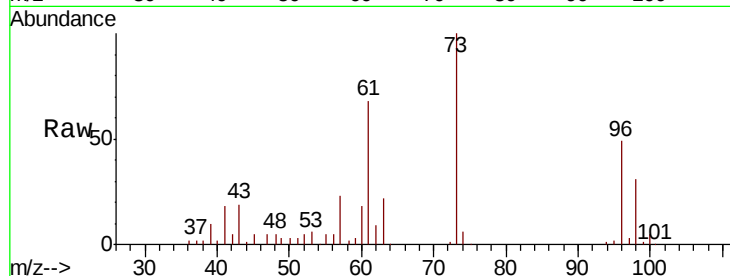




#19
Methyl tert-butyl Ether
Concen: 19.432 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

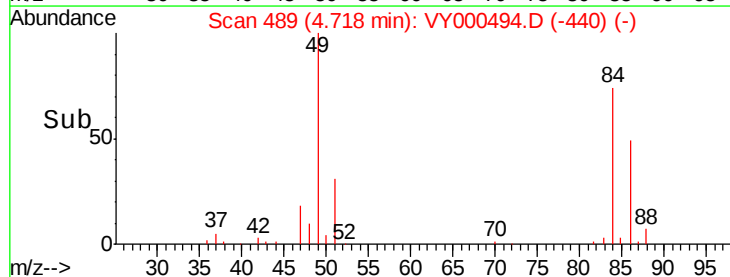
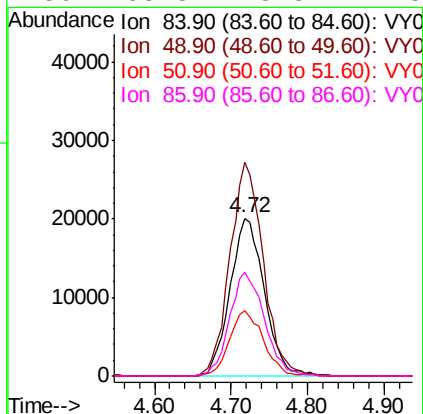
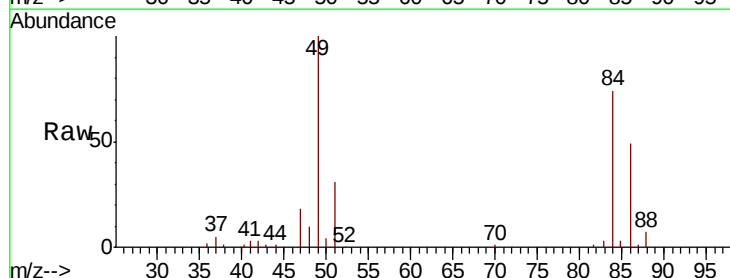
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

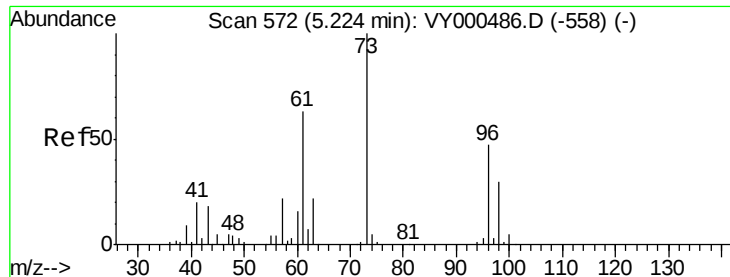
Tot Ion: 73 Resp: 137405
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.0



#20
Methylene Chloride
Concen: 20.030 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 84 Resp: 62327
Ion Ratio Lower Upper
84 100
49 135.6 100.2 150.4
51 41.8 29.6 44.4
86 65.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.546 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

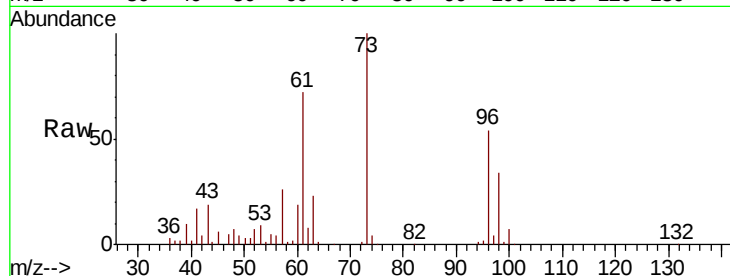
Tot Ion: 96 Resp: 59073

Ion Ratio Lower Upper

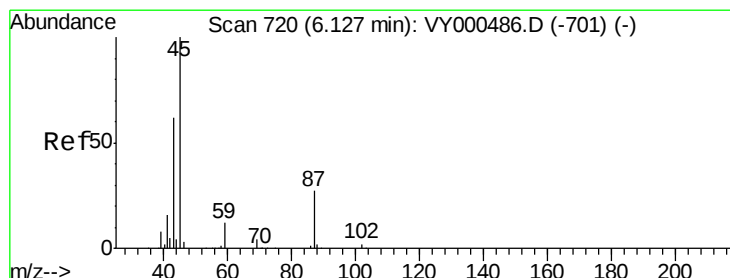
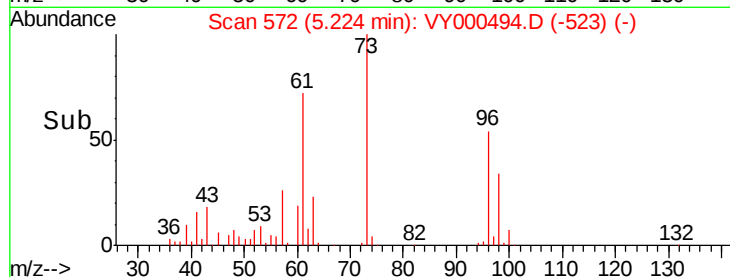
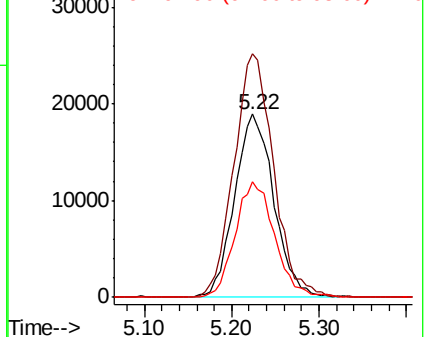
96 100

61 133.1 106.6 160.0

98 62.9 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.948 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion: 45 Resp: 179303

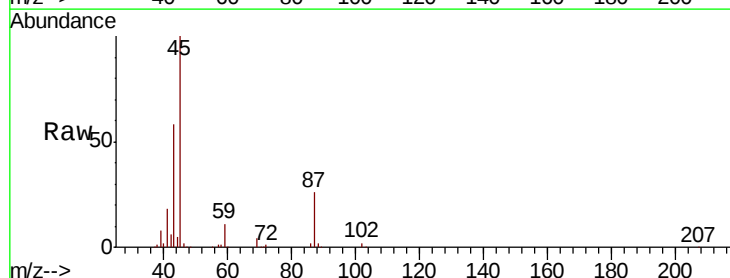
Ion Ratio Lower Upper

45 100

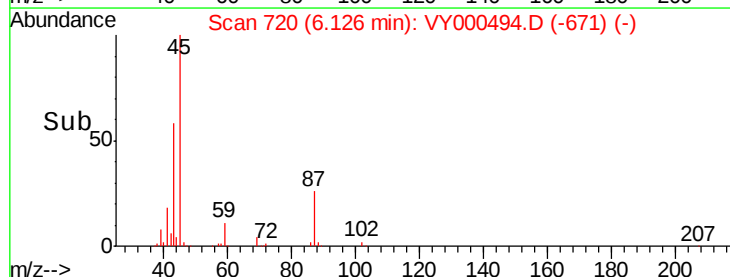
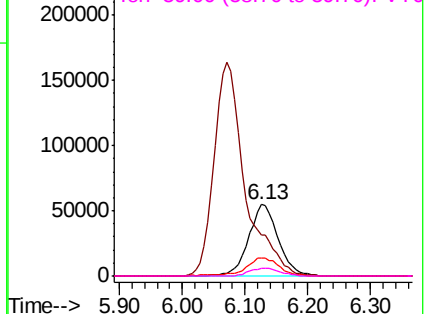
43 57.9 50.0 75.0

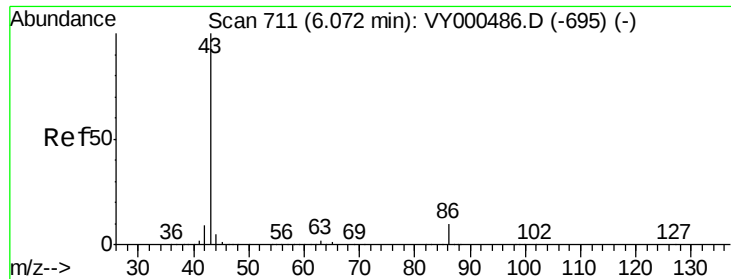
87 25.8 21.6 32.4

59 10.6 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 98.708 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

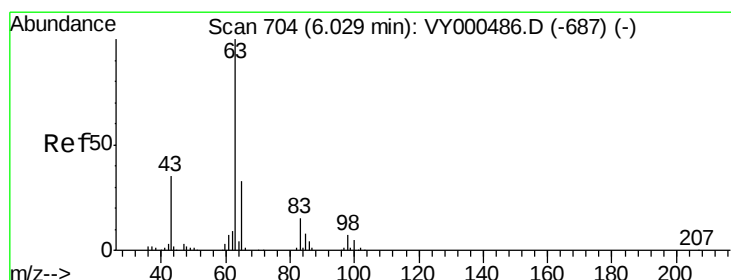
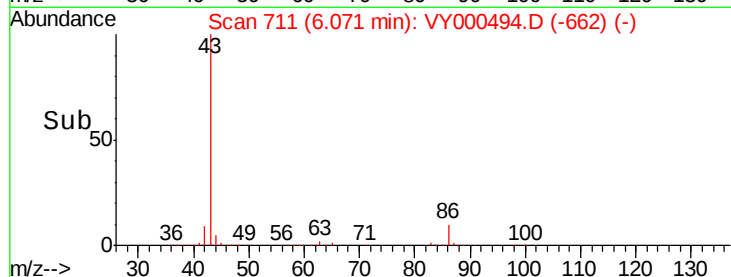
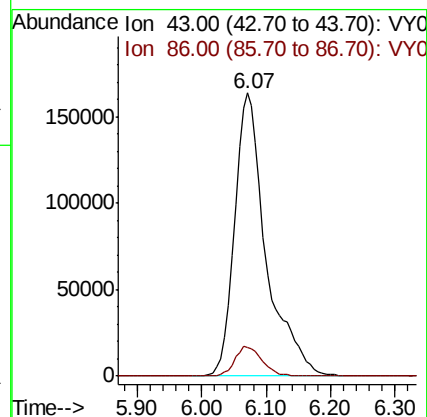
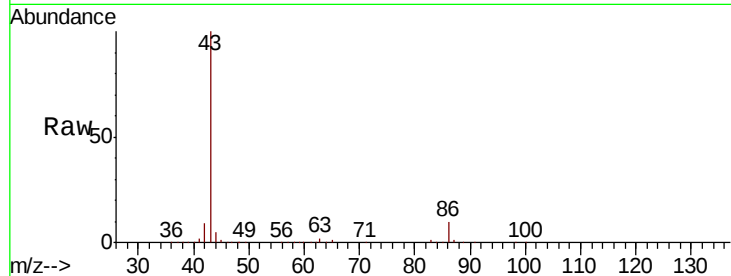
VY1030SBS01

Tot Ion: 43 Resp: 560075

Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.6



#24

1,1-Dichloroethane

Concen: 20.370 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

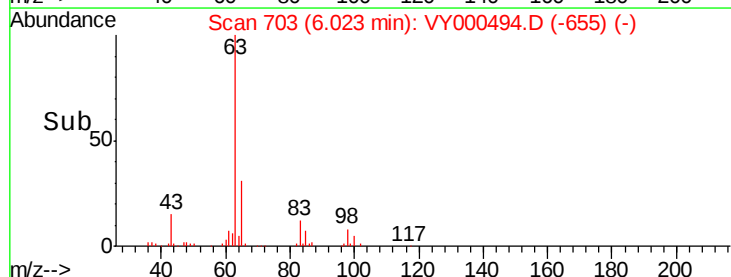
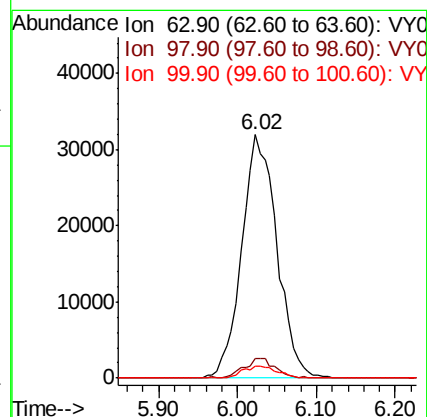
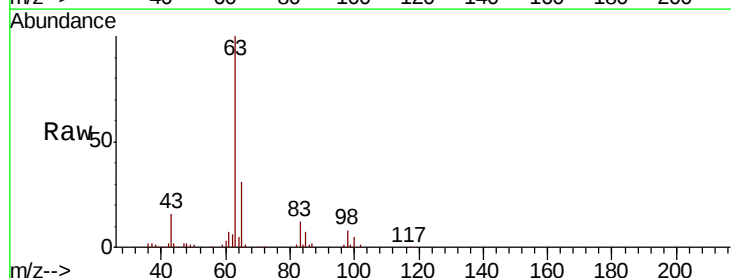
Tgt Ion: 63 Resp: 99190

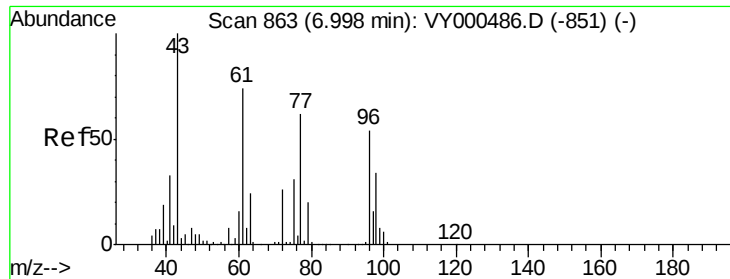
Ion Ratio Lower Upper

63 100

98 8.1 3.5 10.6

100 4.9 2.4 7.1





#25

2-Butanone

Concen: 87.800 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

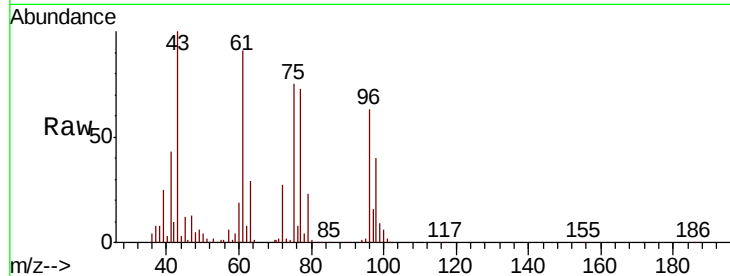
VY1030SBSD01

Tot Ion: 43 Resp: 101757

Ion Ratio Lower Upper

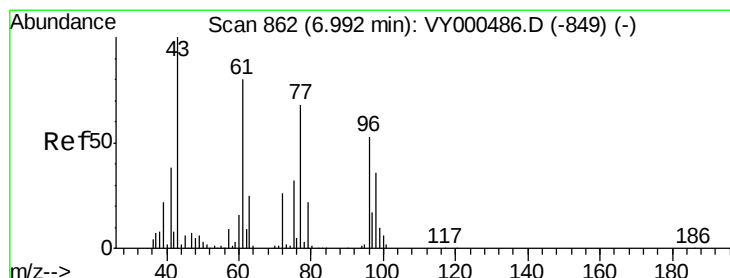
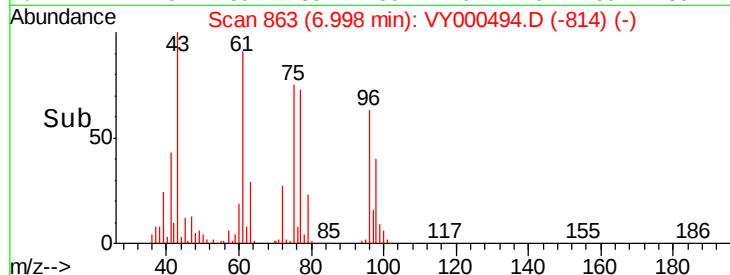
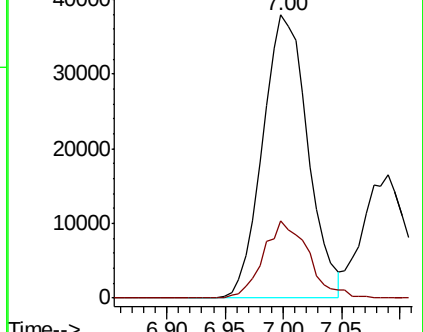
43 100

72 27.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.338 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000494.D

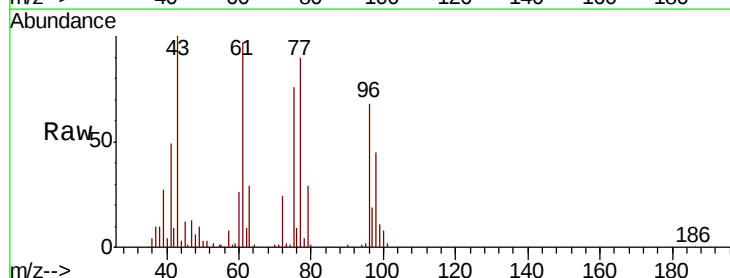
Acq: 30 Oct 2019 16:39

Tgt Ion: 77 Resp: 90505

Ion Ratio Lower Upper

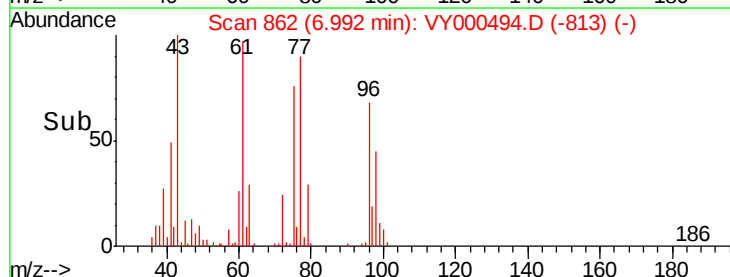
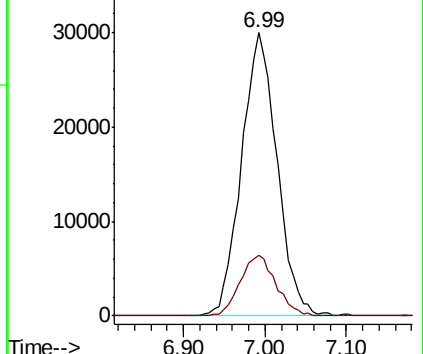
77 100

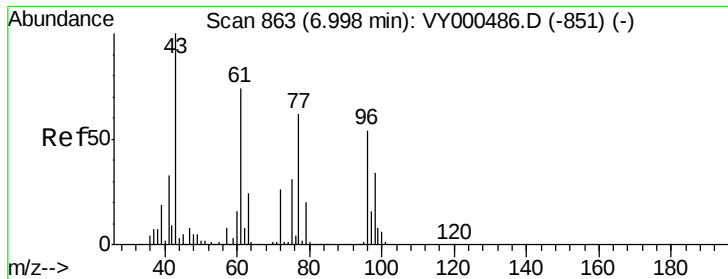
97 21.5 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



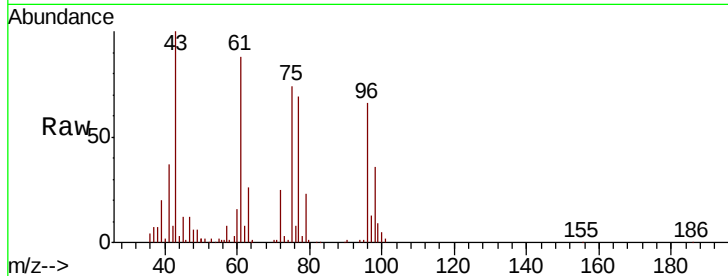


#27

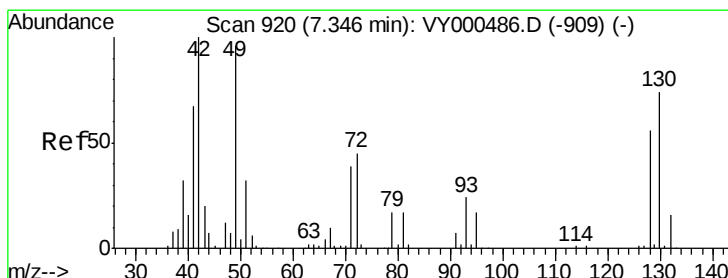
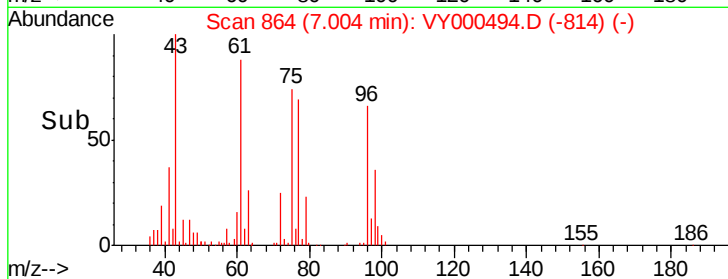
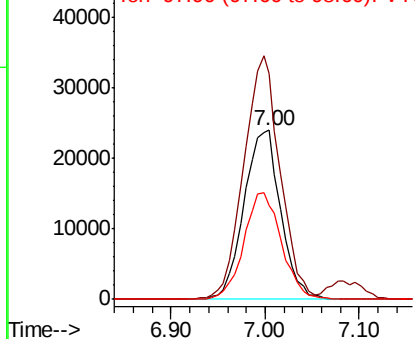
cis-1,2-Dichloroethene
 Concen: 20.883 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tot Ion: 96 Resp: 65655
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 287.0
 98 64.1 0.0 129.4



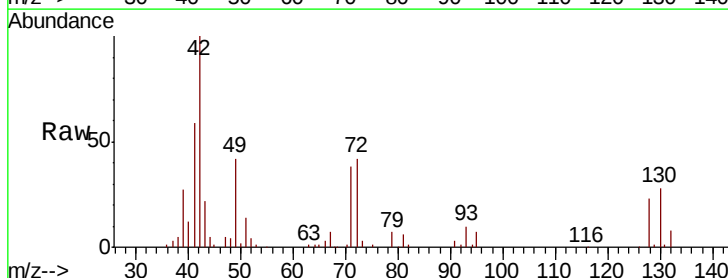
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



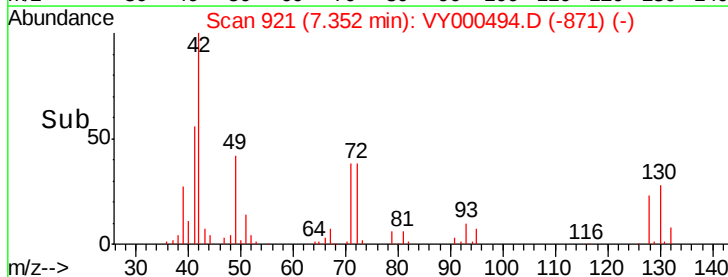
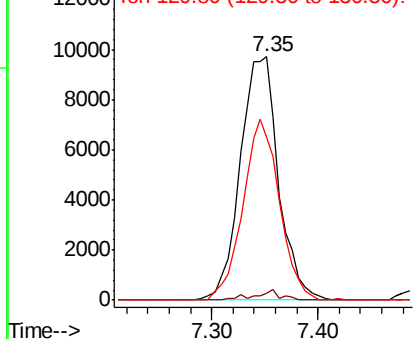
#28

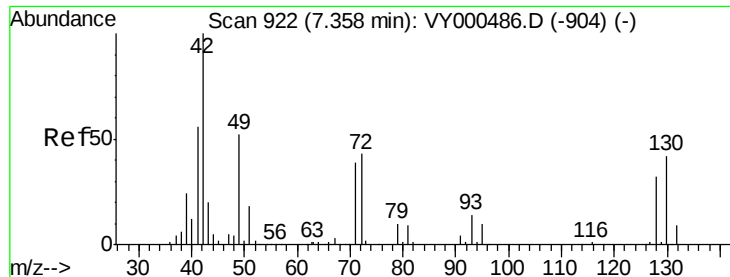
Bromochloromethane
 Concen: 14.217 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 49 Resp: 24488
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 70.8 59.4 89.0



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

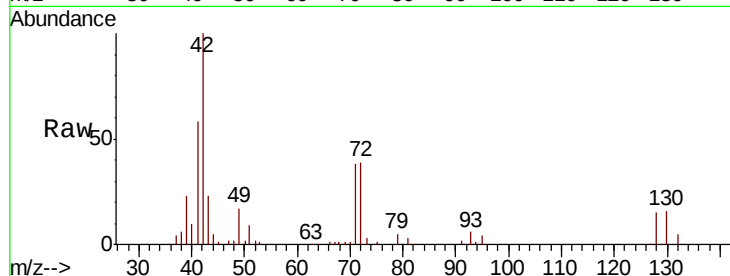




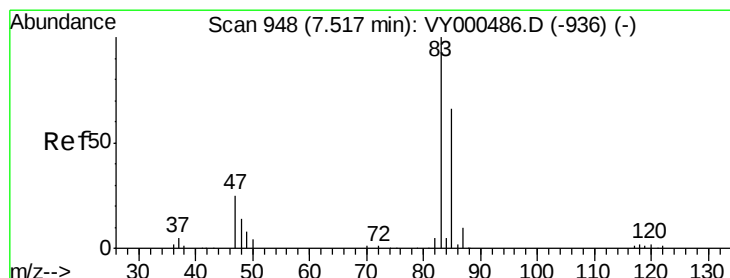
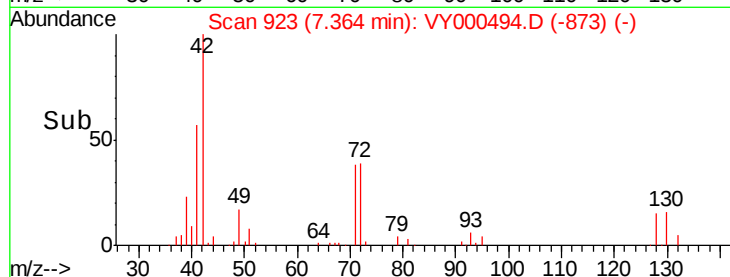
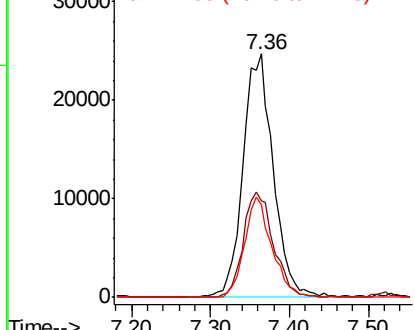
#29
Tetrahydrofuran
Concen: 93.131 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tot Ion: 42 Resp: 66031
Ion Ratio Lower Upper
42 100
72 42.9 34.0 51.0
71 36.9 30.8 46.2

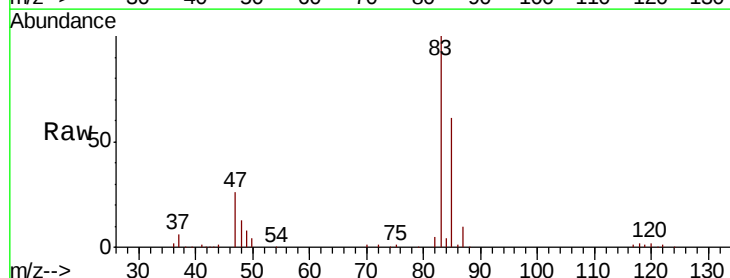


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

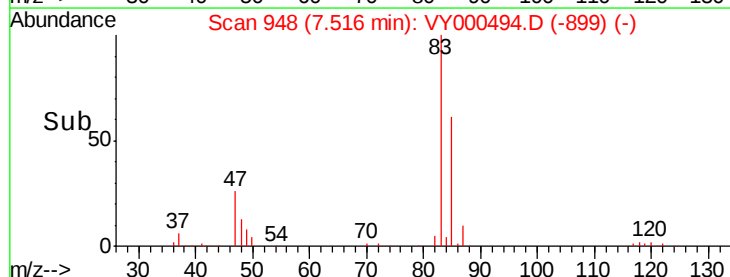
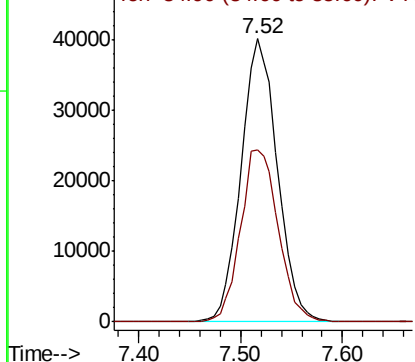


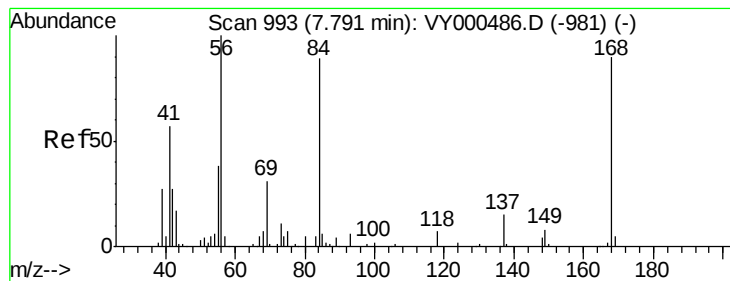
#30
Chloroform
Concen: 20.198 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 83 Resp: 99498
Ion Ratio Lower Upper
83 100
85 60.6 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.049 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

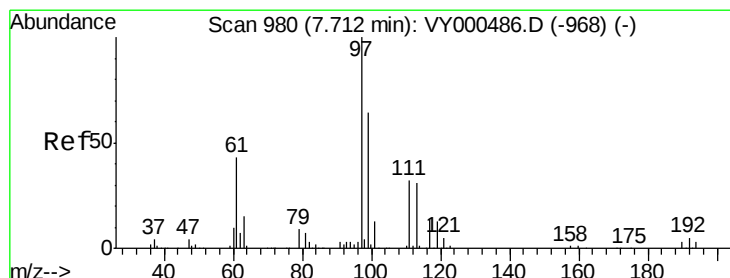
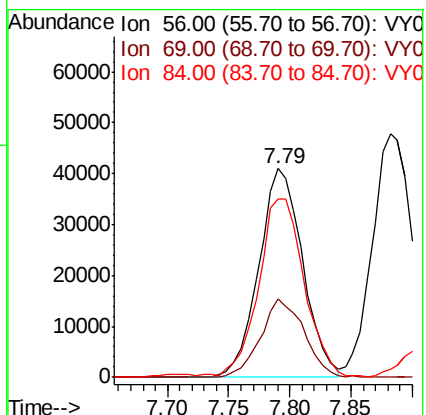
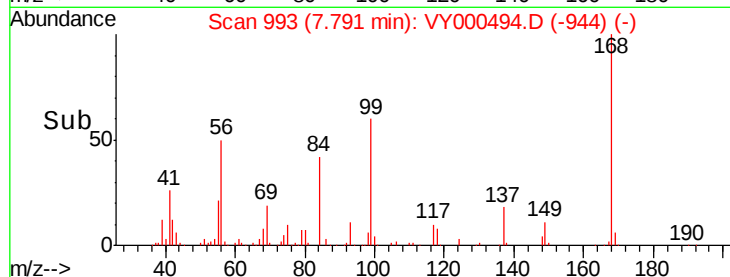
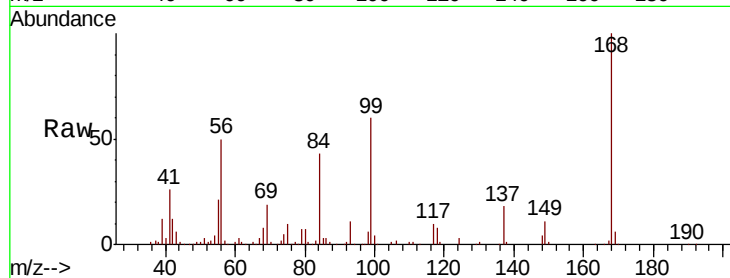
Tot Ion: 56 Resp: 102253

Ion Ratio Lower Upper

56 100

69 37.4 25.0 37.6

84 84.1 71.4 107.2



#32

1,1,1-Trichloroethane

Concen: 20.482 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

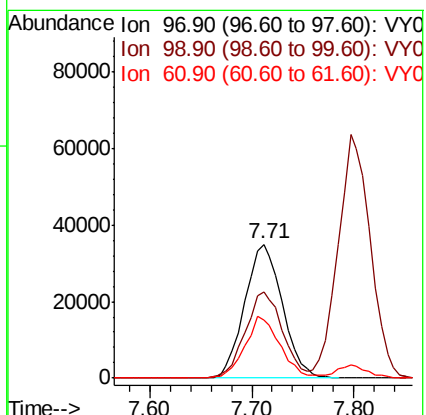
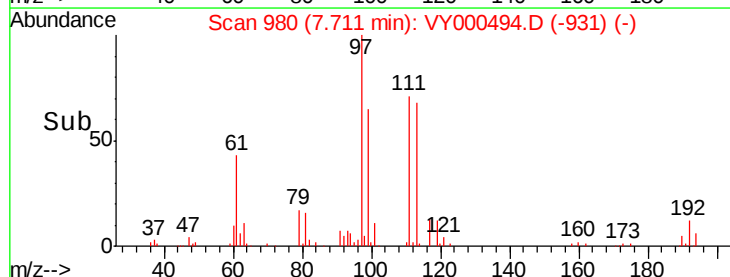
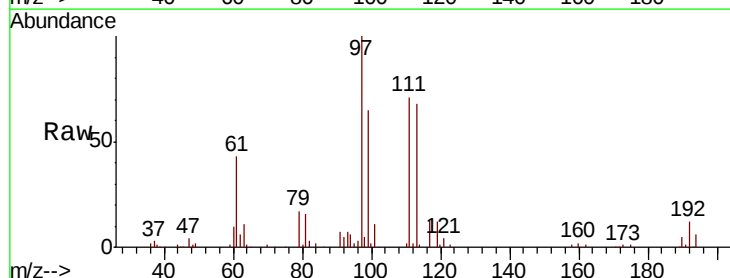
Tgt Ion: 97 Resp: 89922

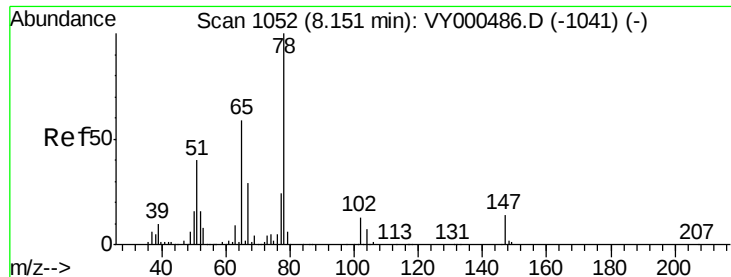
Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 42.6 34.9 52.3

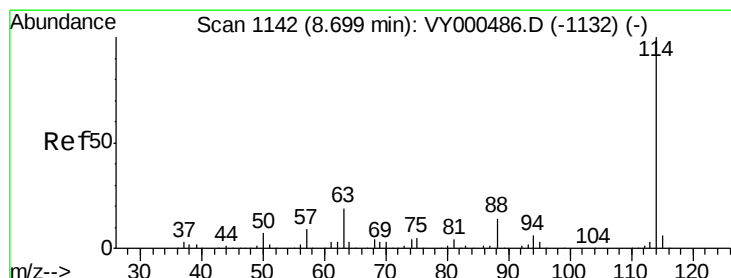
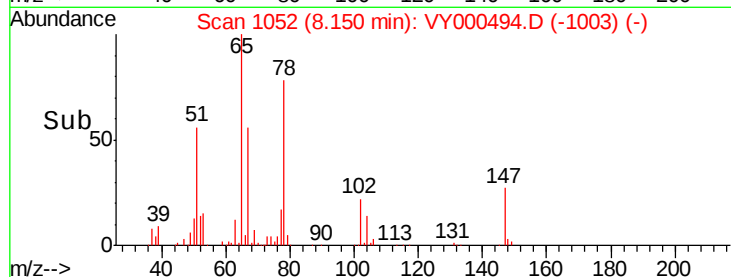
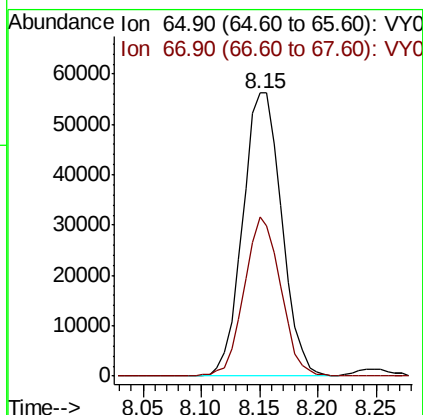
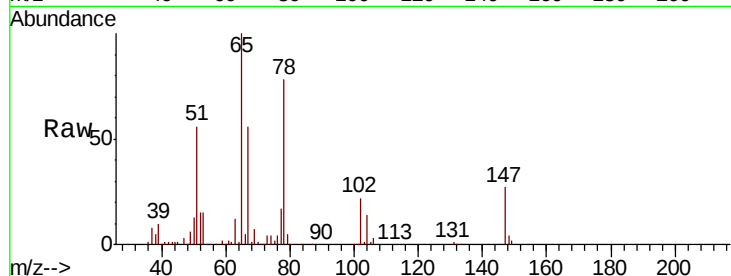




#33
 1,2-Dichloroethane-d4
 Concen: 49.879 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

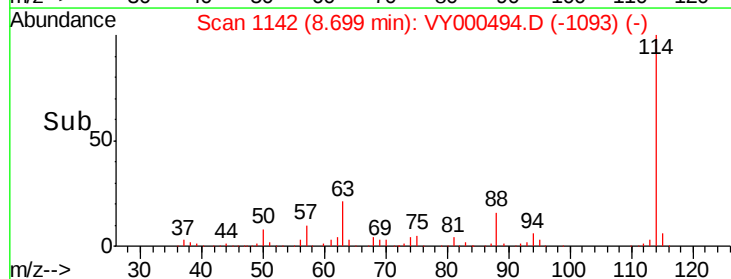
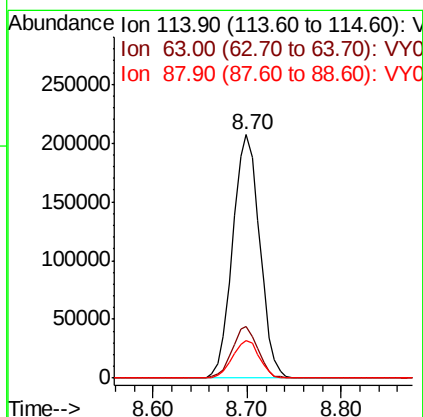
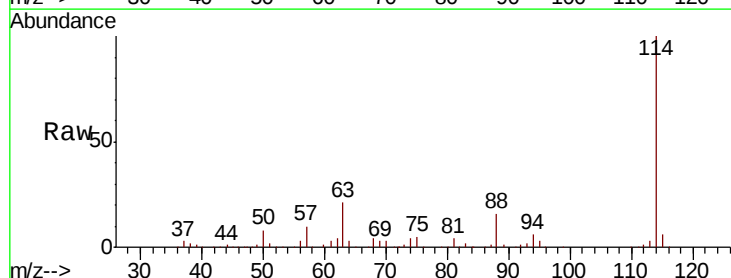
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

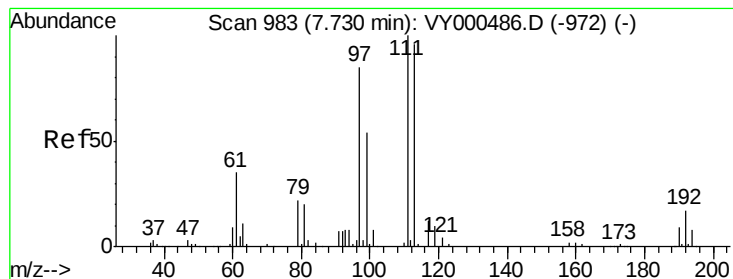
Tot Ion: 65 Resp: 131424
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 114 Resp: 413021
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 38.0
 88 15.5 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.353 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

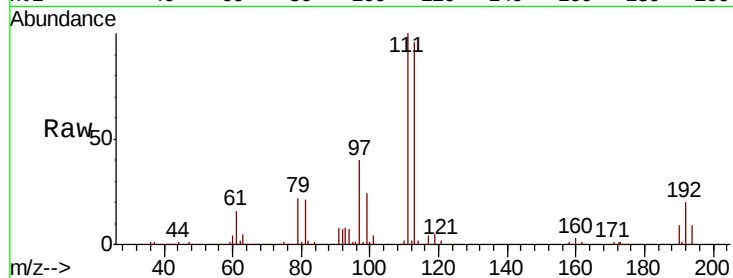
Tot Ion:113 Resp: 117242

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

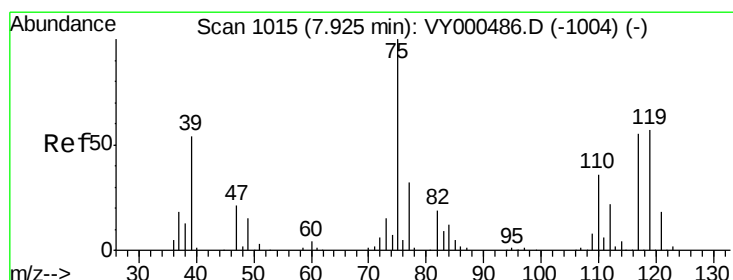
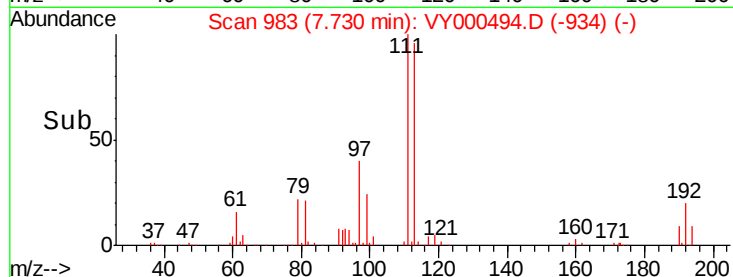
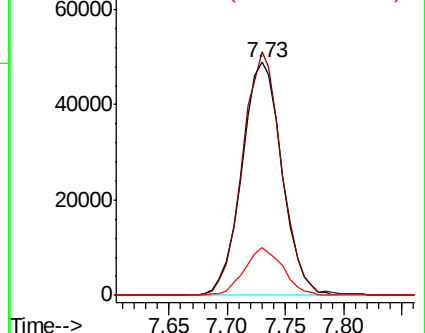
192 19.7 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.756 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

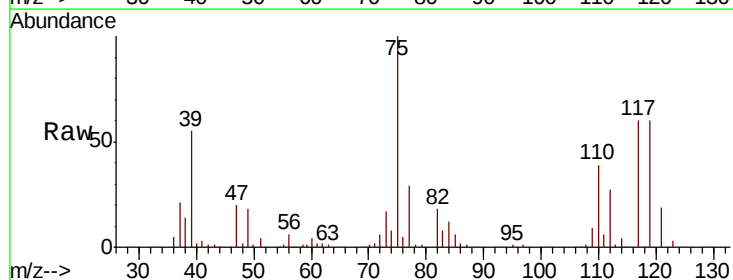
Tgt Ion: 75 Resp: 81041

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.1

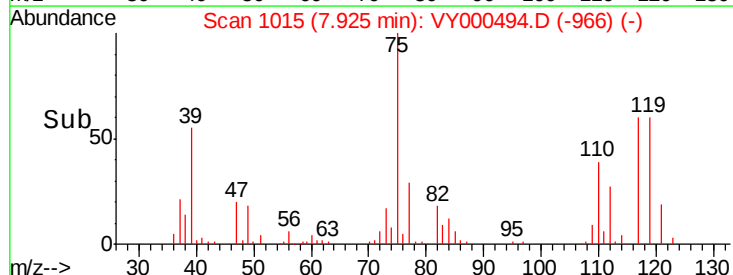
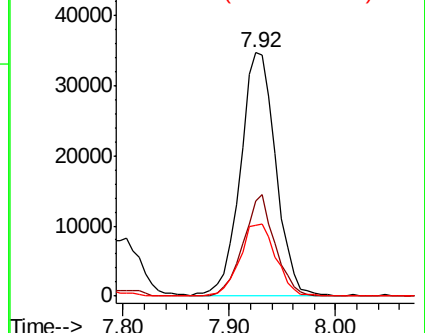
77 30.2 25.0 37.6

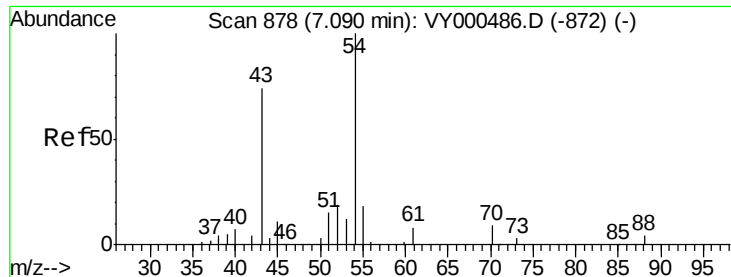


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

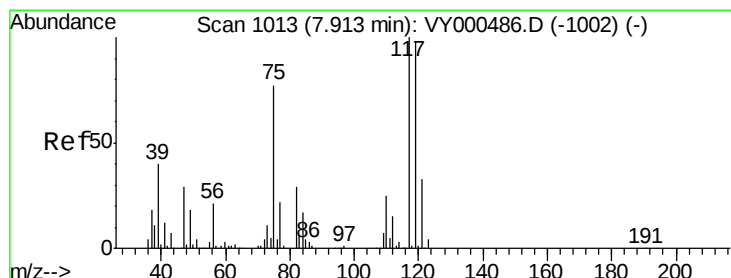
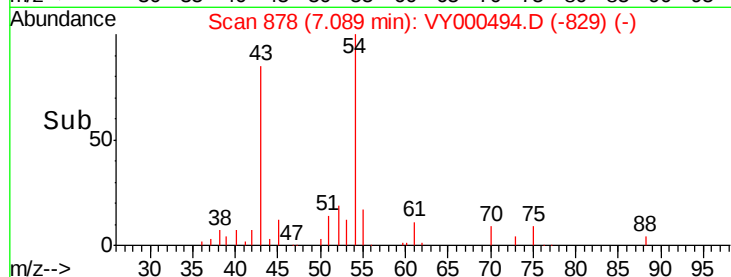
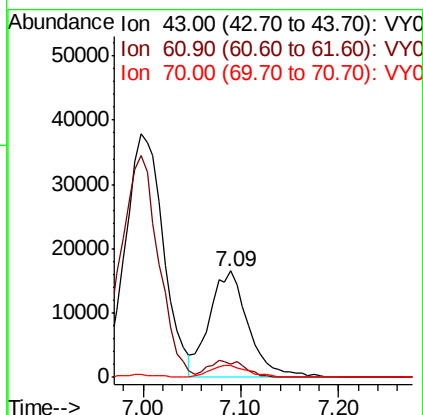
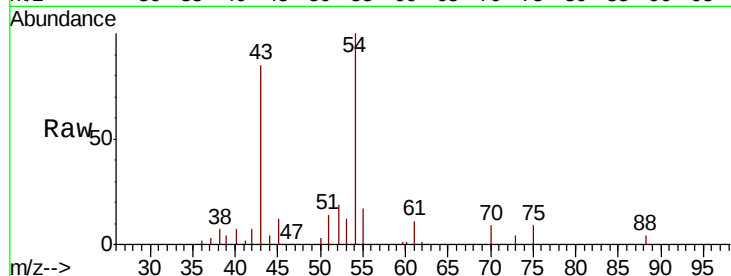




#37
Ethyl Acetate
Concen: 19.773 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

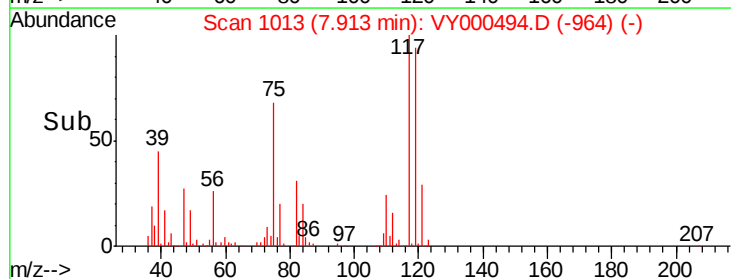
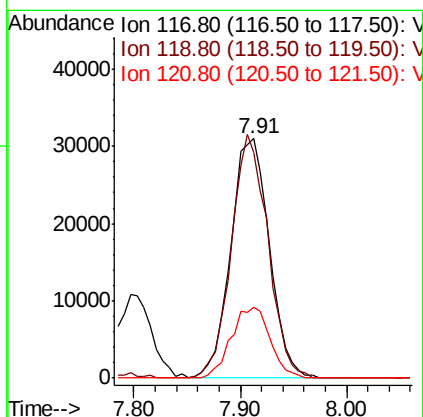
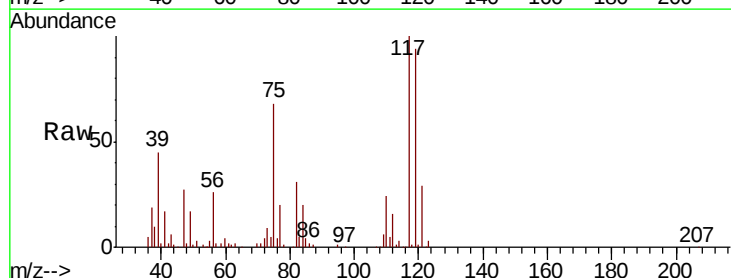
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

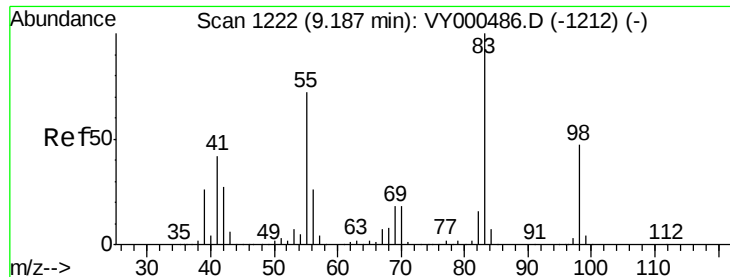
Tot Ion: 43 Resp: 45835
Ion Ratio Lower Upper
43 100
61 14.5 10.2 15.2
70 11.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.089 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 117 Resp: 79233
Ion Ratio Lower Upper
117 100
119 94.2 78.0 117.0
121 29.3 26.6 40.0

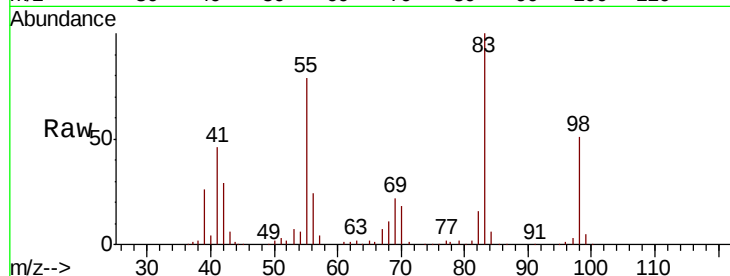




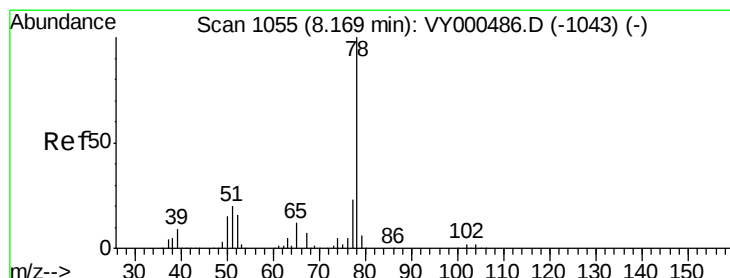
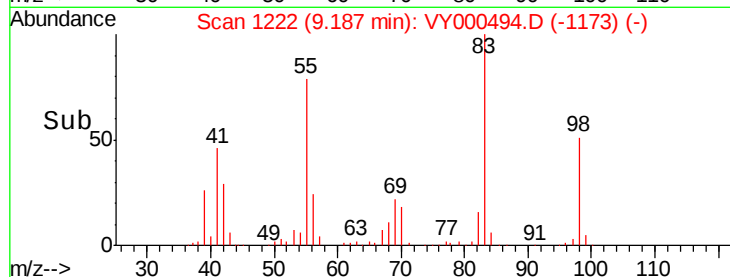
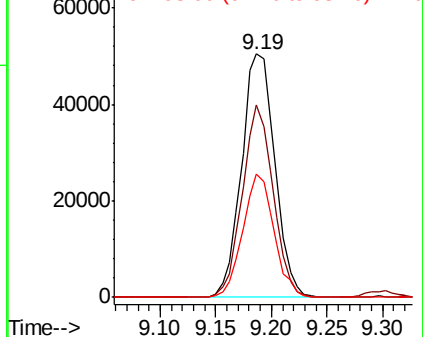
#39
Methvlcvclohexane
Concen: 20.907 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tot Ion: 83 Resp: 105464
Ion Ratio Lower Upper
83 100
55 79.2 57.5 86.3
98 50.8 38.0 57.0

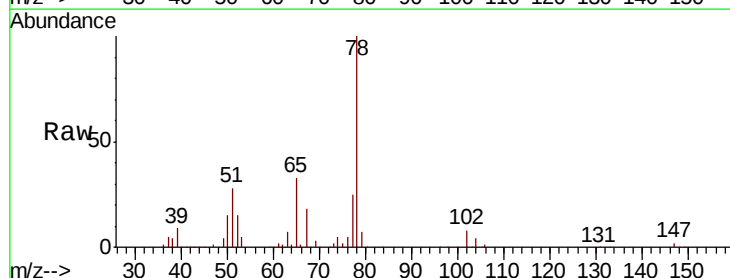


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

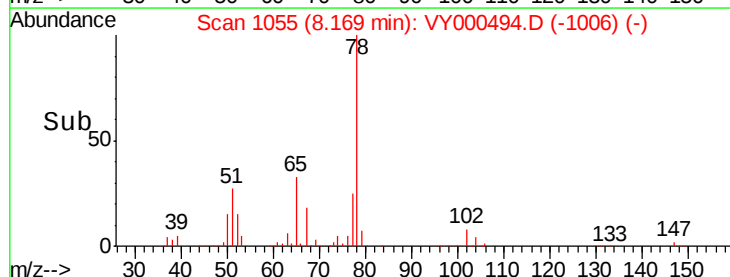
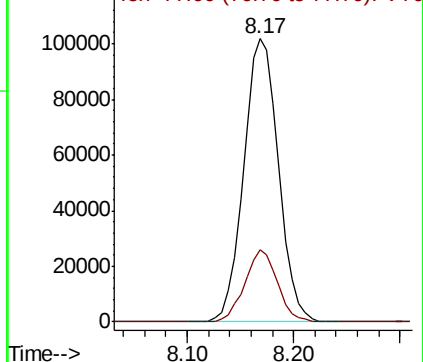


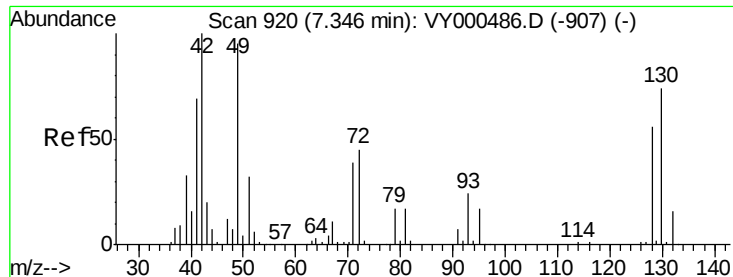
#40
Benzene
Concen: 20.320 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 78 Resp: 232611
Ion Ratio Lower Upper
78 100
77 25.3 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 47.787 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.02 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tot Ion: 41 Resp: 61798

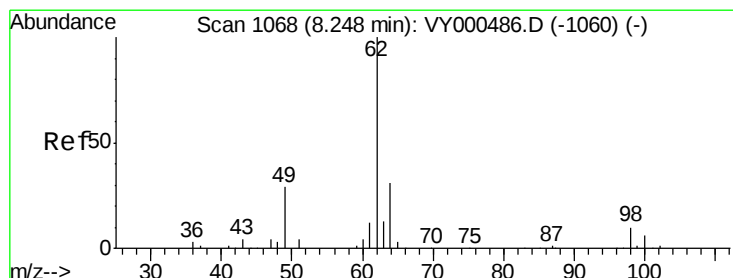
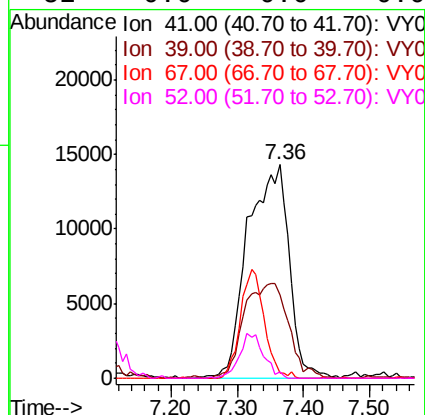
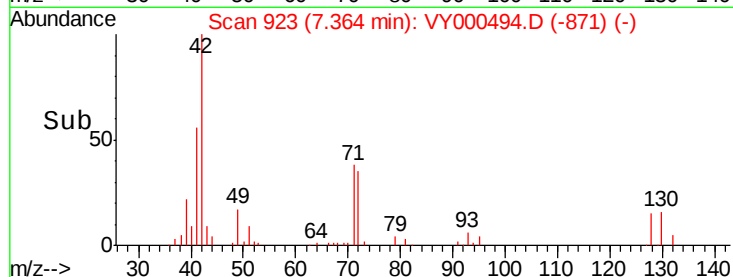
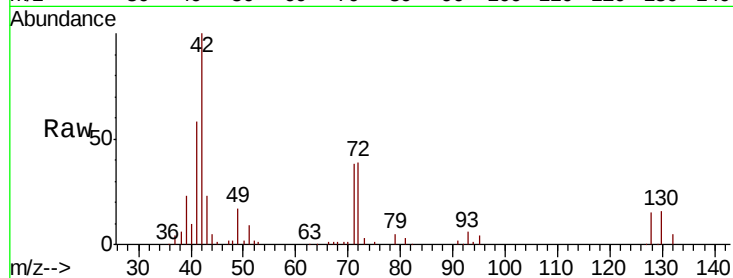
Ion Ratio Lower Upper

41 100

39 47.9 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#42

1,2-Dichloroethane

Concen: 20.773 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VY000494.D

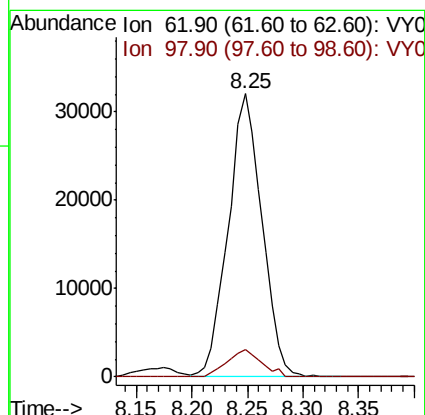
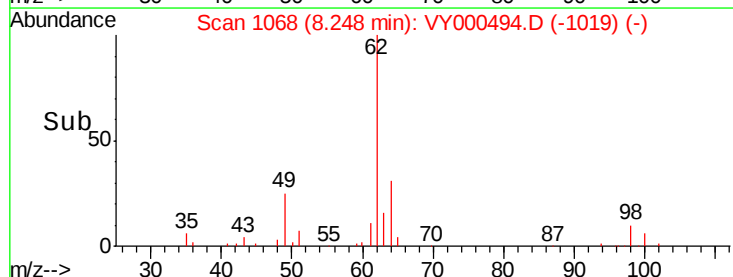
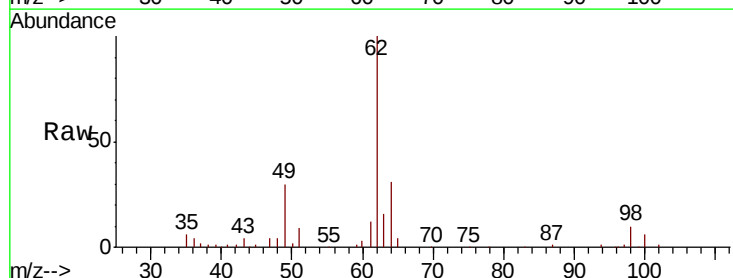
Acq: 30 Oct 2019 16:39

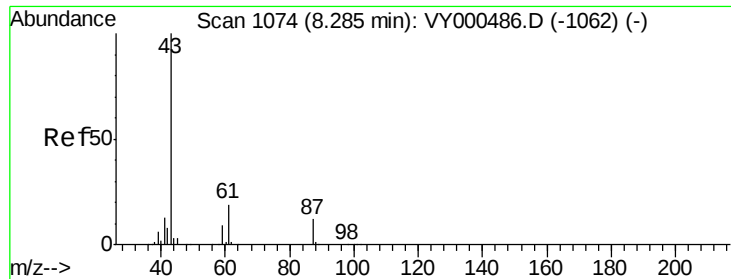
Tgt Ion: 62 Resp: 67442

Ion Ratio Lower Upper

62 100

98 9.9 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.606 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

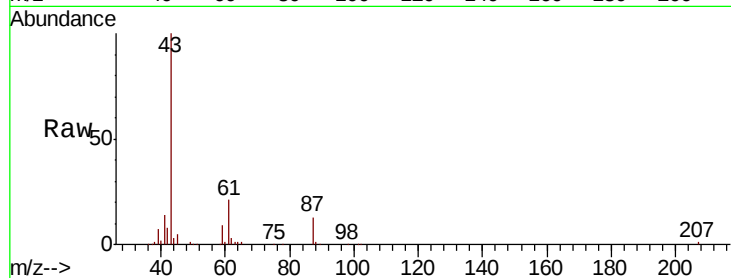
Tot Ion: 43 Resp: 85376

Ion Ratio Lower Upper

43 100

61 28.5 23.0 34.4

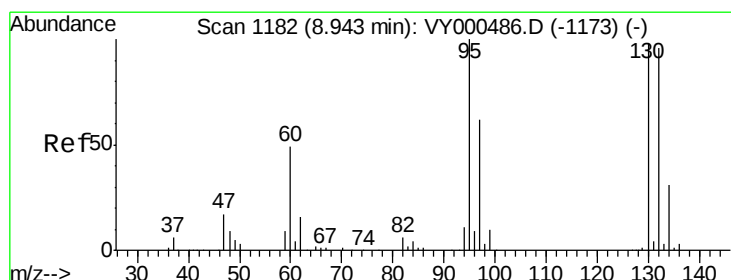
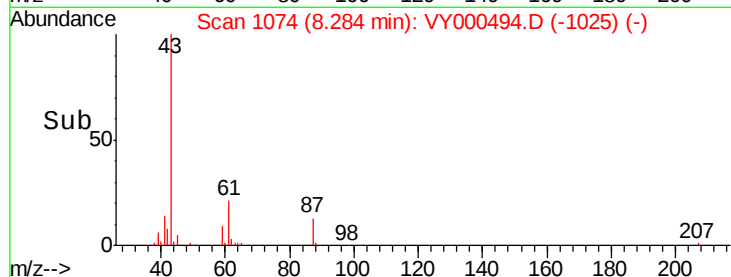
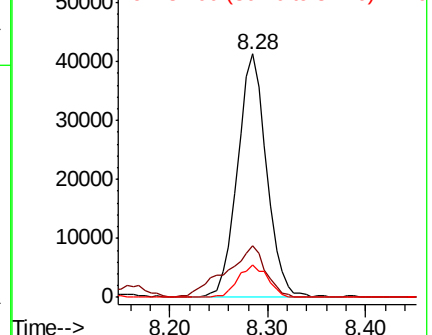
87 13.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000486.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 21.229 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000494.D

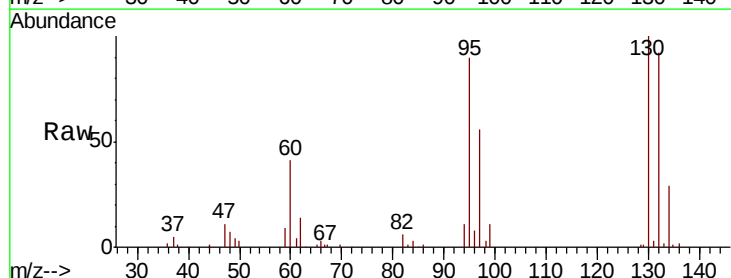
Acq: 30 Oct 2019 16:39

Tgt Ion:130 Resp: 64073

Ion Ratio Lower Upper

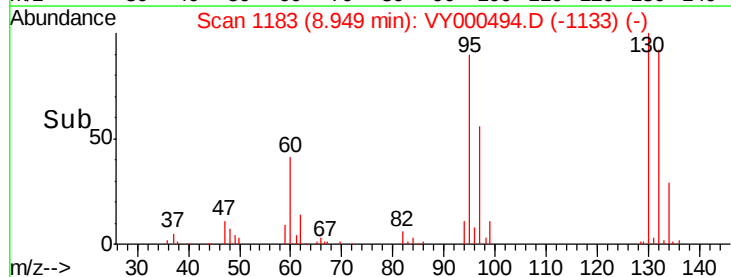
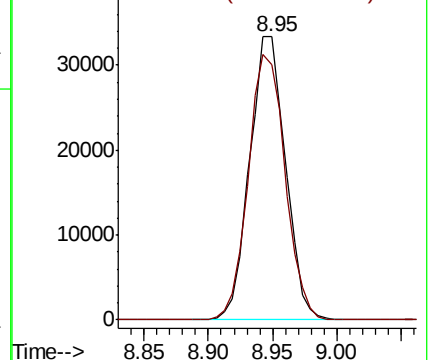
130 100

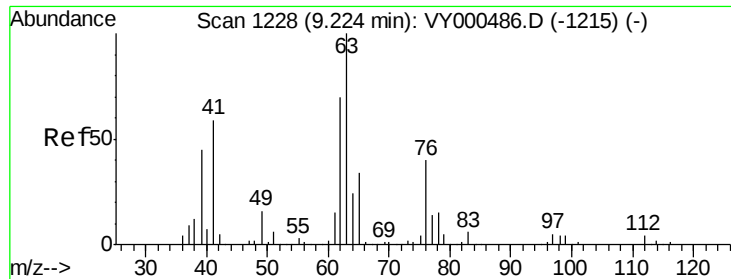
95 90.0 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY000486.D (-1173) (-)

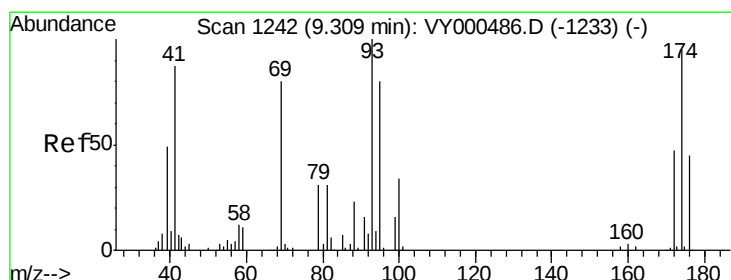
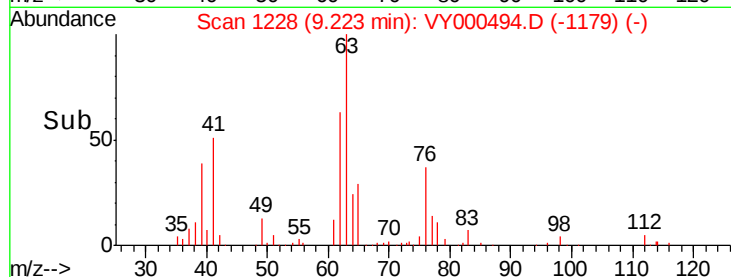
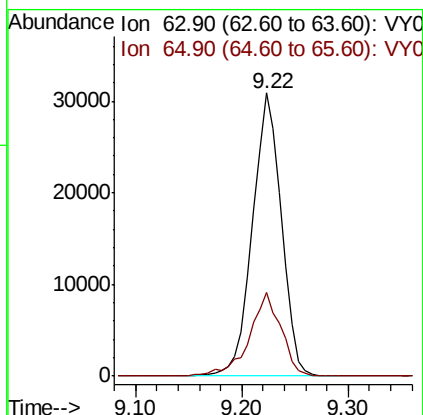
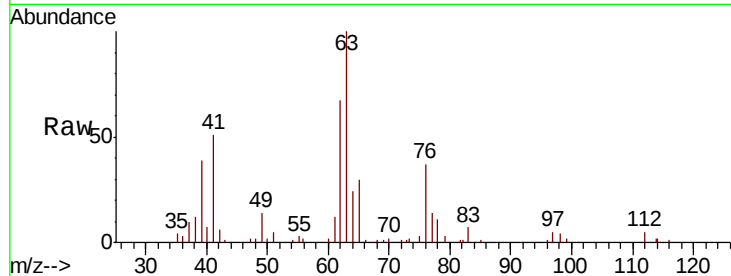




#45
 1,2-Dichloropropane
 Concen: 20.956 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

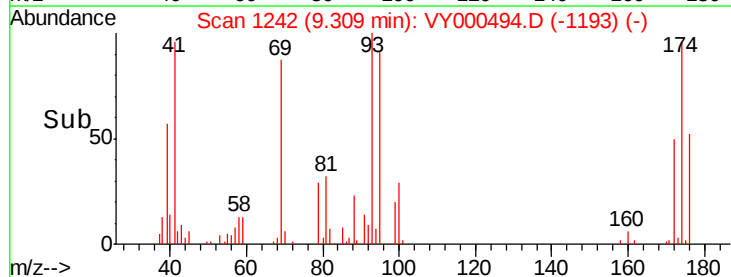
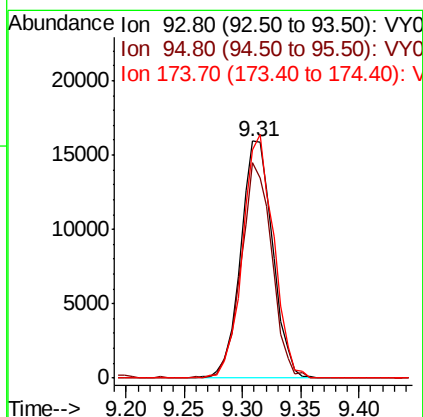
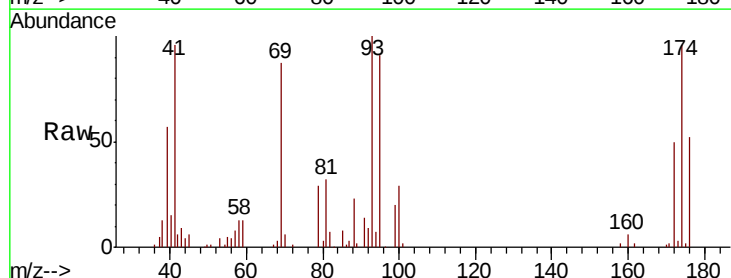
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

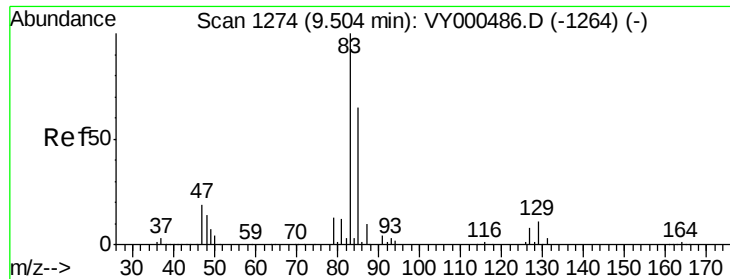
Tot Ion: 63 Resp: 59041
 Ion Ratio Lower Upper
 63 100
 65 29.6 27.0 40.4



#46
 Dibromomethane
 Concen: 19.786 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 93 Resp: 30657
 Ion Ratio Lower Upper
 93 100
 95 87.2 66.4 99.6
 174 99.3 77.1 115.7





#47

Bromodichloromethane

Concen: 20.204 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

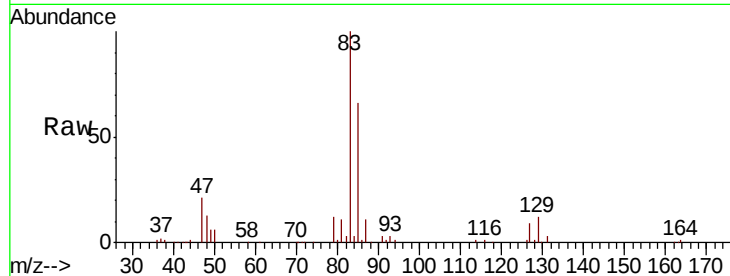
Tot Ion: 83 Resp: 74279

Ion Ratio Lower Upper

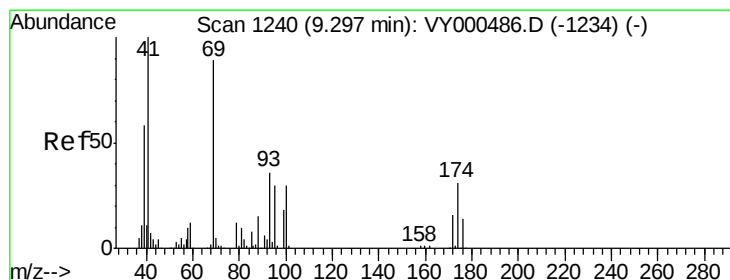
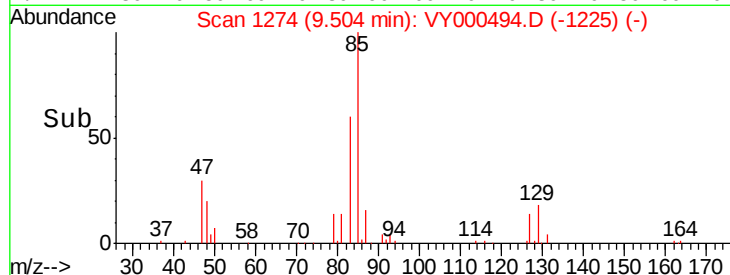
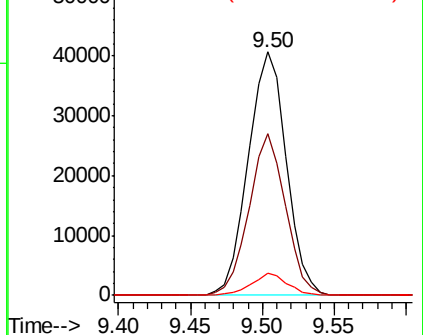
83 100

85 66.4 51.8 77.8

127 9.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 19.206 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

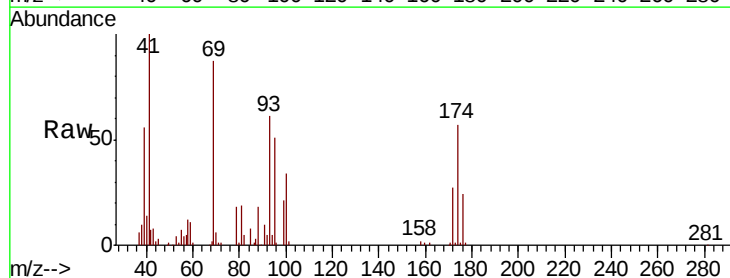
Tgt Ion: 41 Resp: 36541

Ion Ratio Lower Upper

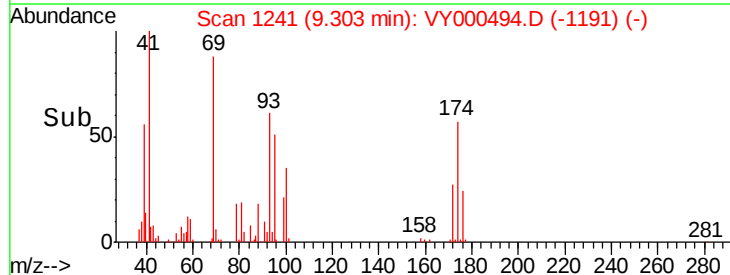
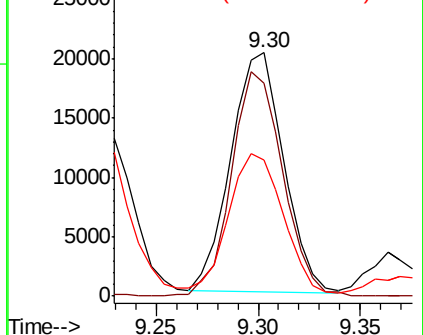
41 100

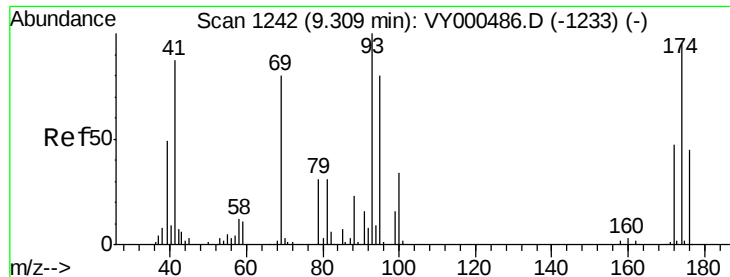
69 90.6 72.5 108.7

39 58.7 47.8 71.8



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 412.794 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

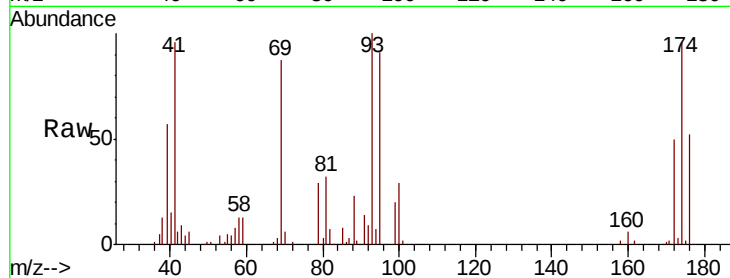
Tot Ion: 88 Resp: 8608

Ion Ratio Lower Upper

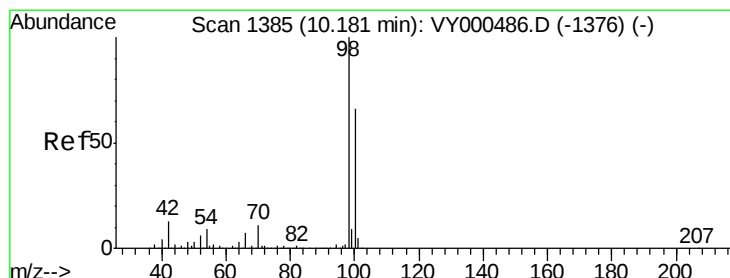
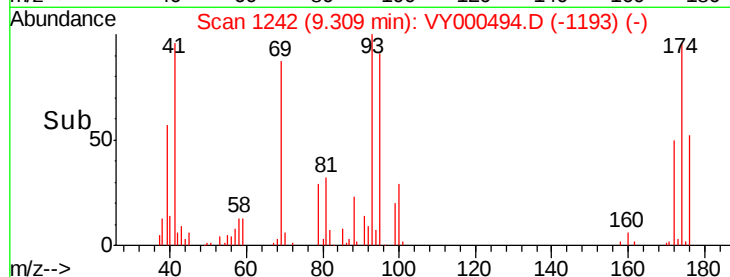
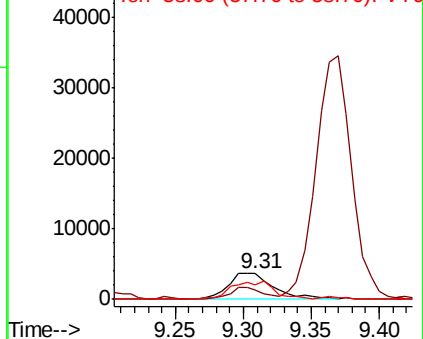
88 100

43 34.6 25.1 37.7

58 66.8 50.6 75.8



Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 52.691 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000494.D

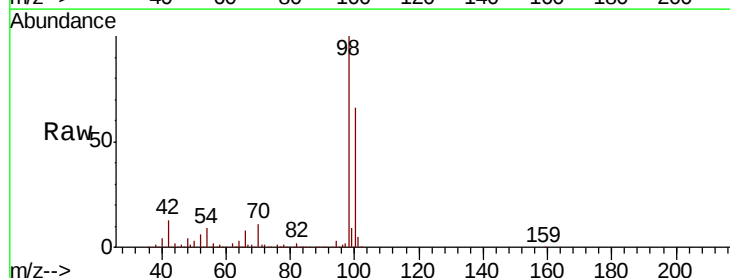
Acq: 30 Oct 2019 16:39

Tgt Ion: 98 Resp: 484783

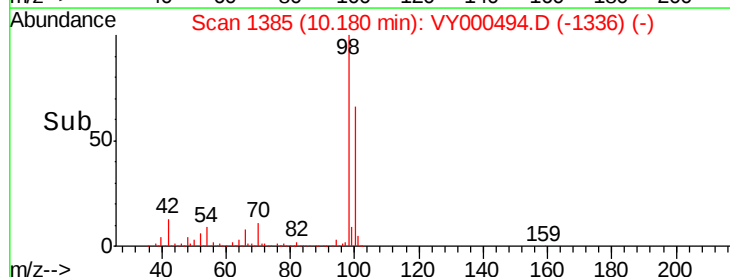
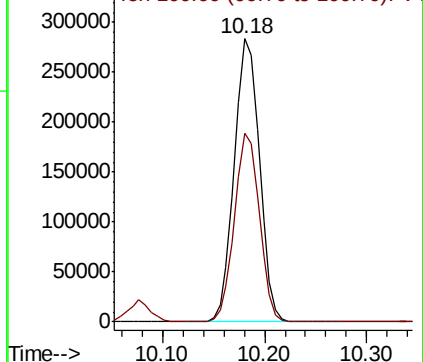
Ion Ratio Lower Upper

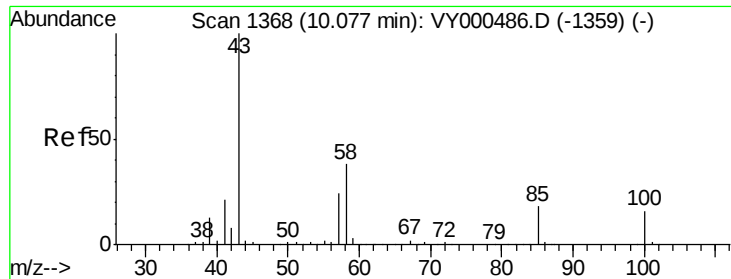
98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 97.787 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

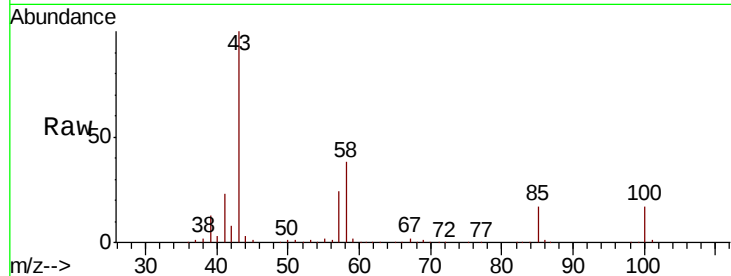
VY1030SBS01

Tot Ion: 43 Resp: 226399

Ion Ratio Lower Upper

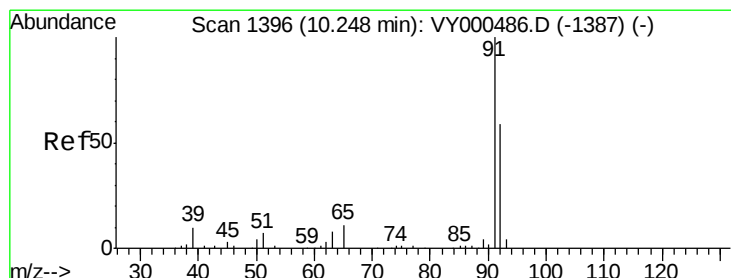
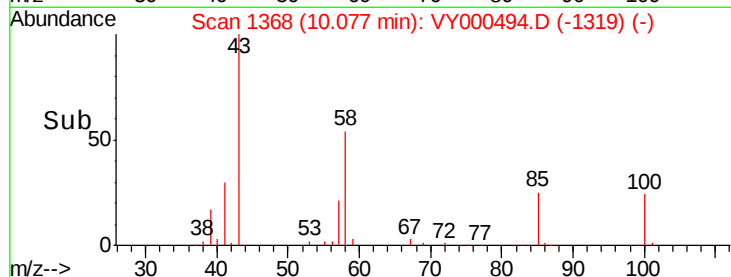
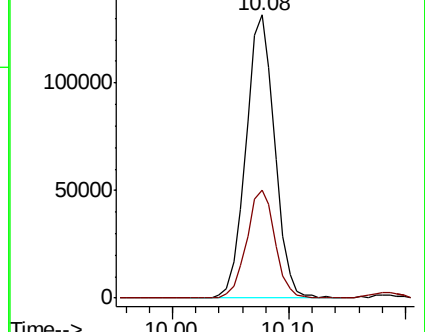
43 100

58 37.7 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY000486.D (-1359) (-)



#52

Toluene

Concen: 20.707 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000494.D

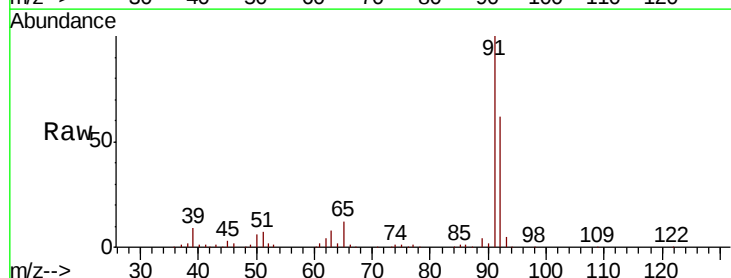
Acq: 30 Oct 2019 16:39

Tgt Ion: 92 Resp: 149858

Ion Ratio Lower Upper

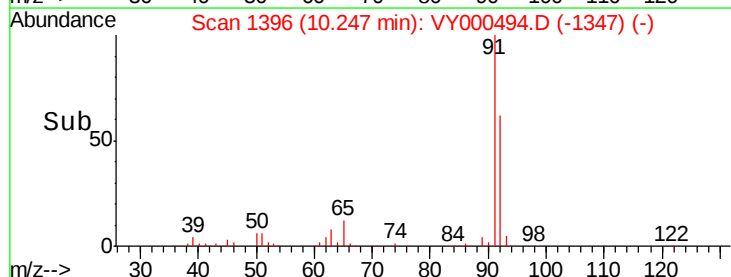
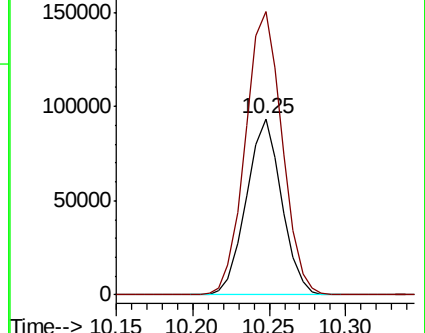
92 100

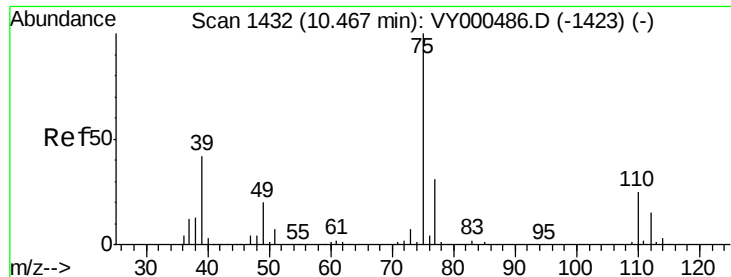
91 167.8 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VY000486.D (-1387) (-)

Ion 91.00 (90.70 to 91.70): VY000486.D (-1387) (-)





#53

t-1,3-Dichloropropene

Concen: 19.889 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

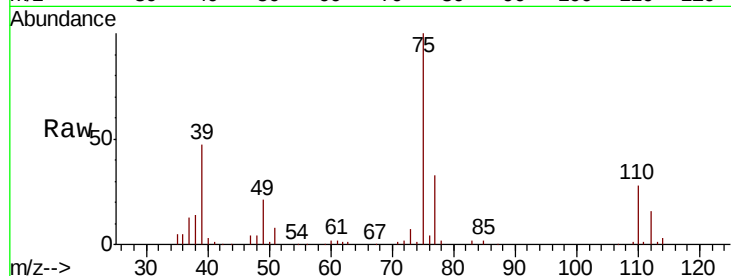
VY1030SBS01

Tot Ion: 75 Resp: 78131

Ion Ratio Lower Upper

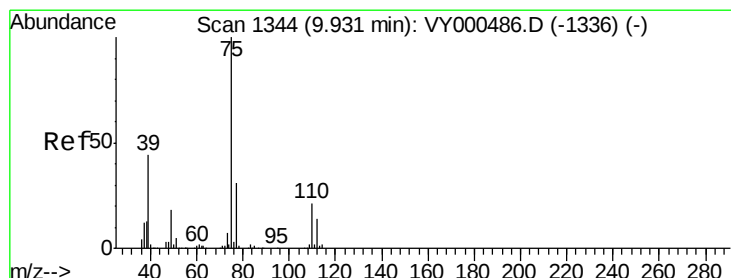
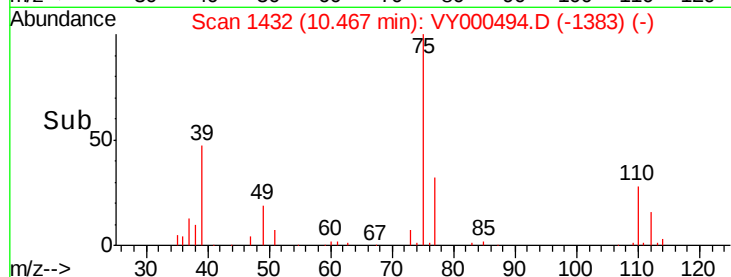
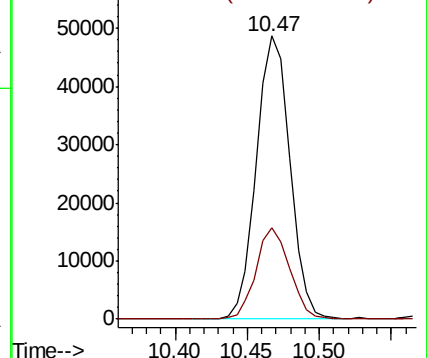
75 100

77 32.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.261 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

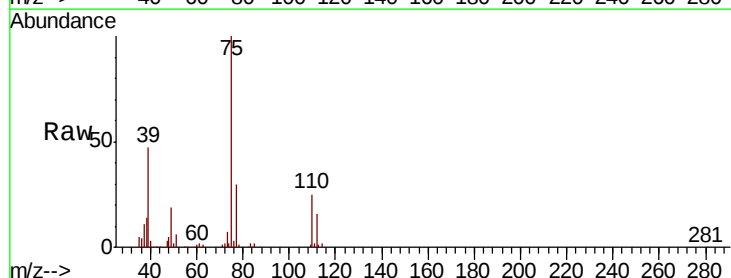
Tgt Ion: 75 Resp: 91178

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7

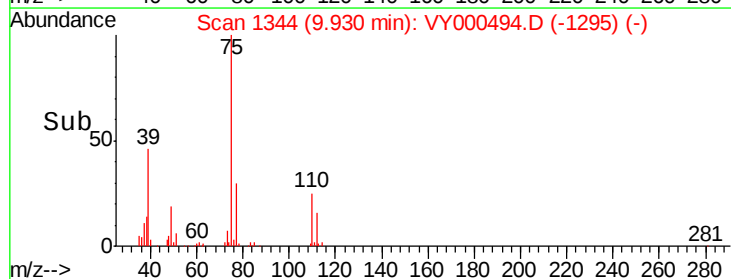
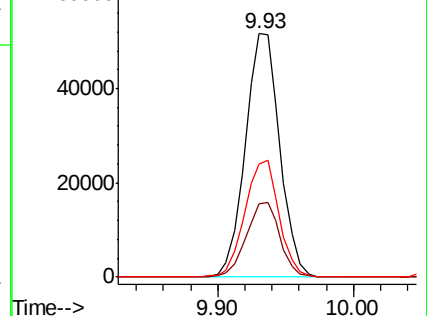
39 46.6 35.4 53.2

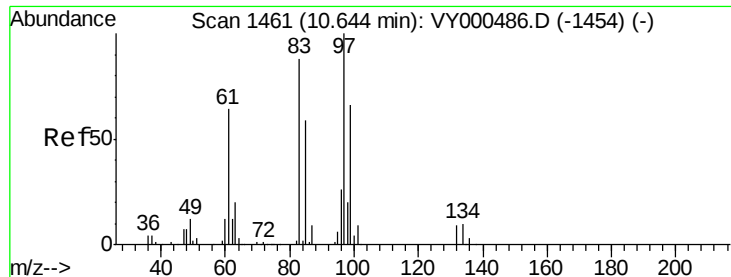


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





#55

1,1,2-Trichloroethane

Concen: 19.581 ug/l

RT: 10.65 min Scan# 1462

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBSD01

Tot Ion: 97 Resp: 43882

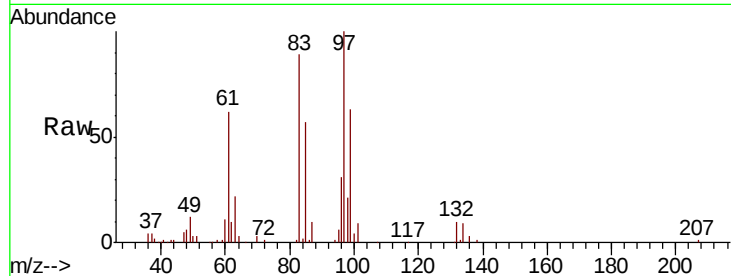
Ion Ratio Lower Upper

97 100

83 88.6 70.2 105.4

85 57.3 46.9 70.3

99 62.7 52.6 78.8

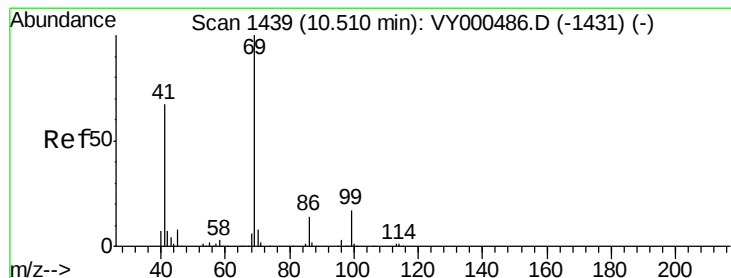
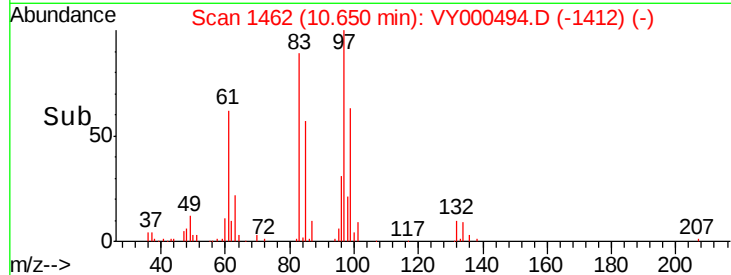
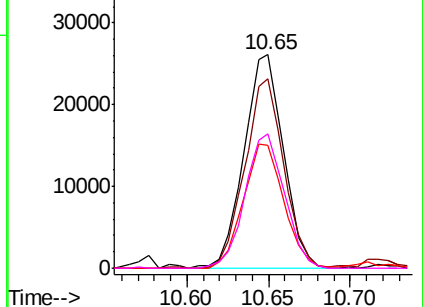


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 19.611 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

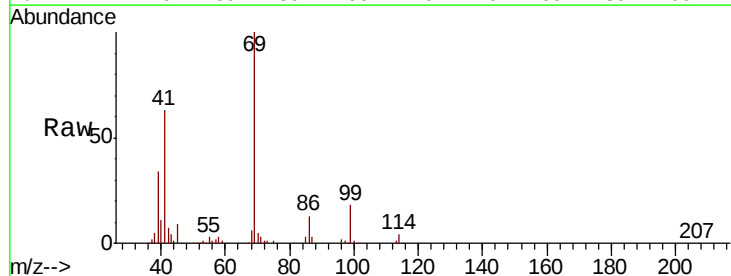
Tgt Ion: 69 Resp: 62292

Ion Ratio Lower Upper

69 100

41 68.0 53.3 79.9

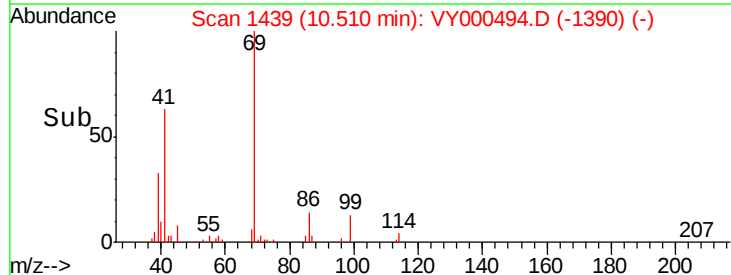
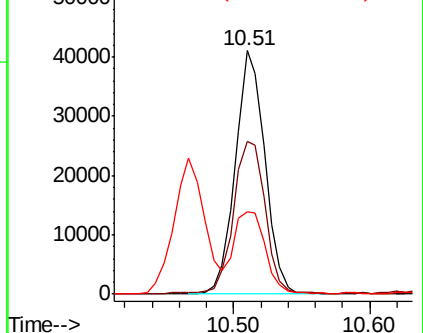
39 35.7 28.0 42.0

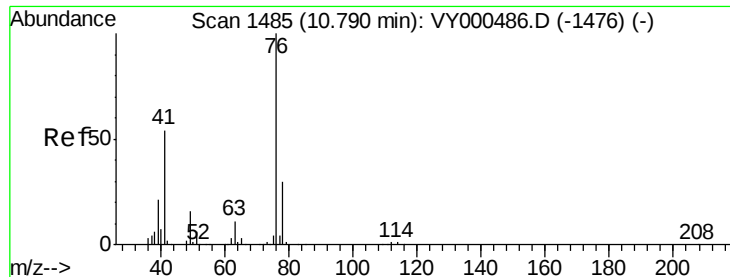


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.702 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

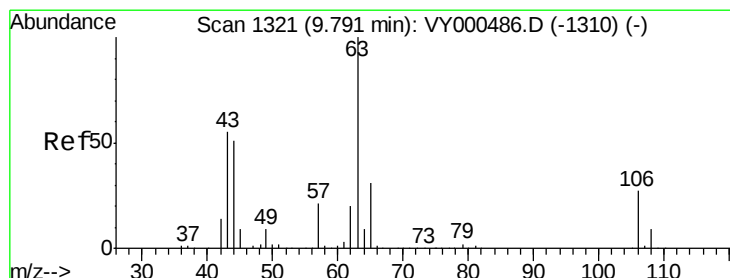
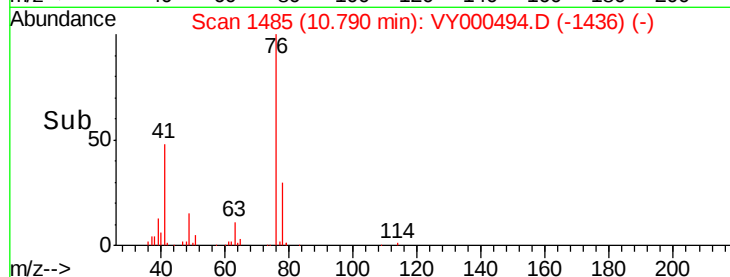
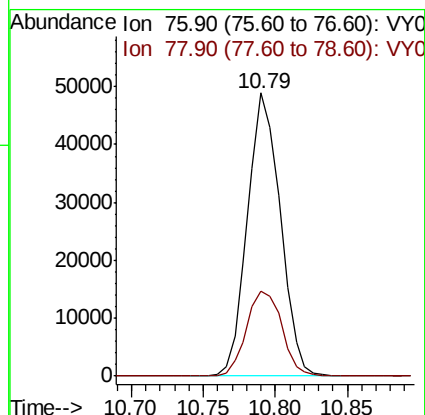
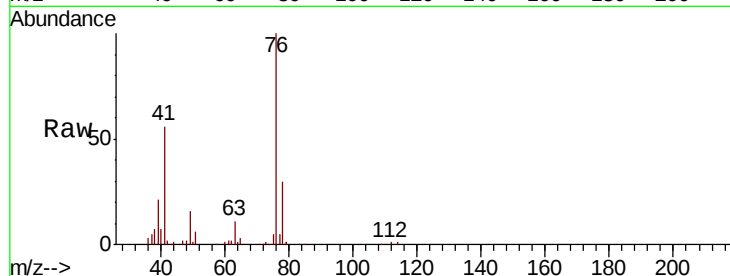
VY1030SBSD01

Tot Ion: 76 Resp: 77277

Ion Ratio Lower Upper

76 100

78 32.5 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 98.326 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000494.D

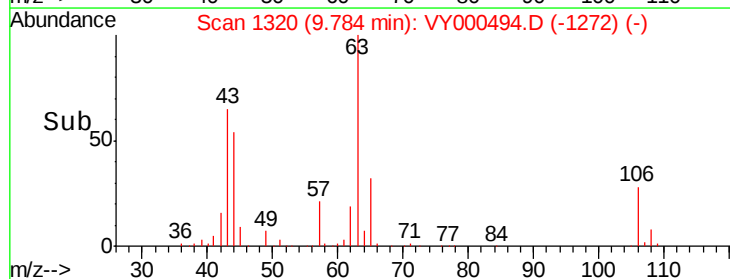
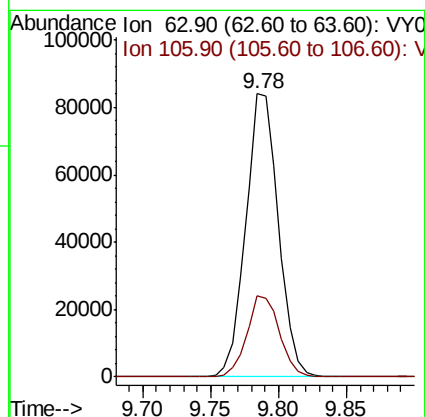
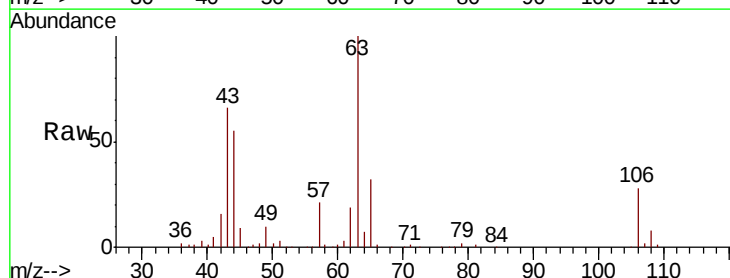
Acq: 30 Oct 2019 16:39

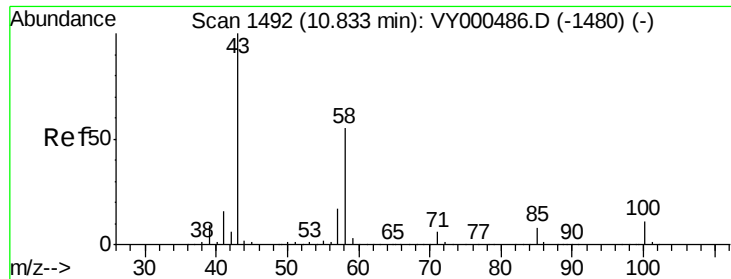
Tgt Ion: 63 Resp: 141195

Ion Ratio Lower Upper

63 100

106 28.4 22.6 33.8

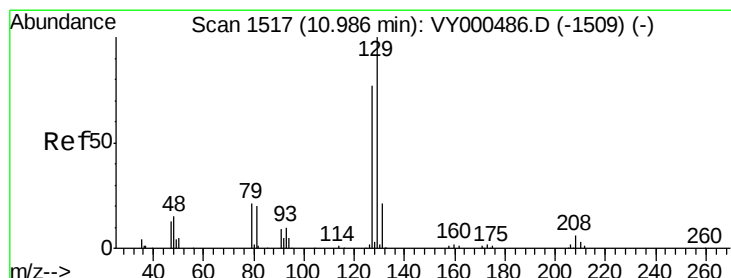
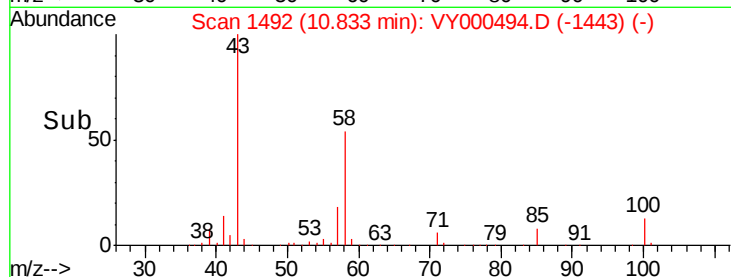
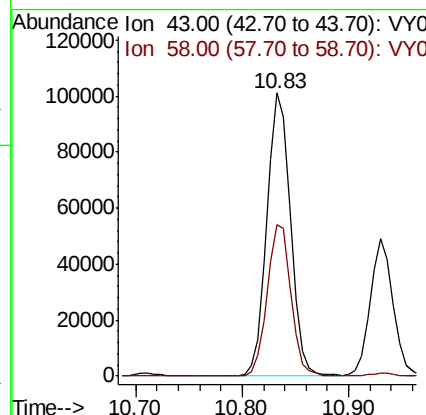
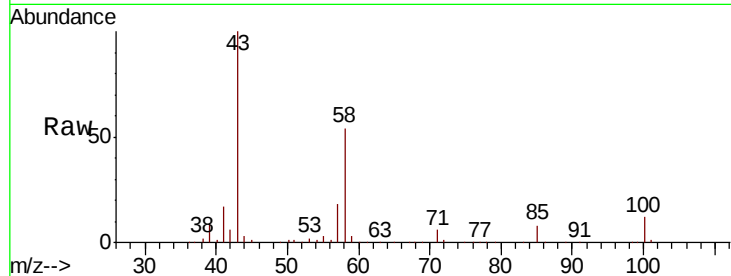




#59
2-Hexanone
Concen: 94.072 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

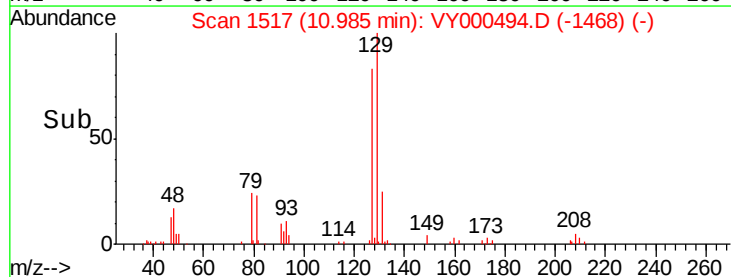
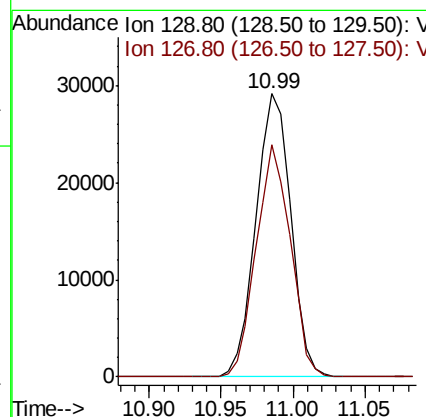
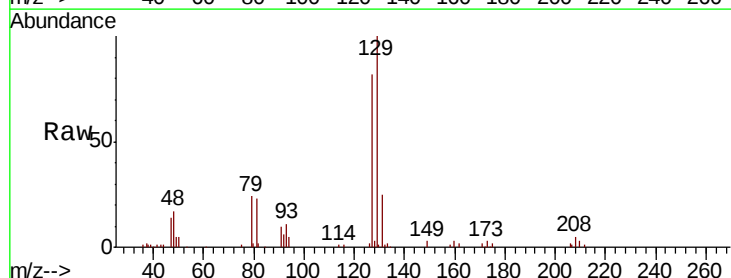
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

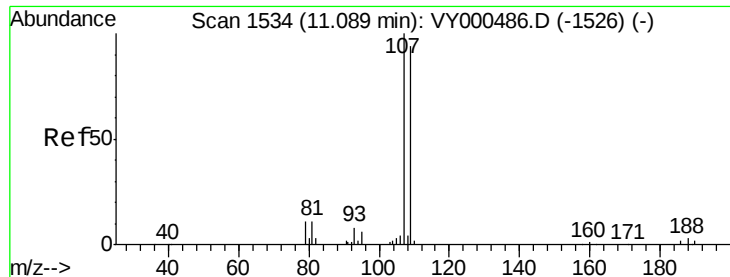
Tot Ion: 43 Resp: 158687
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3



#60
Dibromochloromethane
Concen: 19.054 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 129 Resp: 48912
Ion Ratio Lower Upper
129 100
127 80.2 39.1 117.2

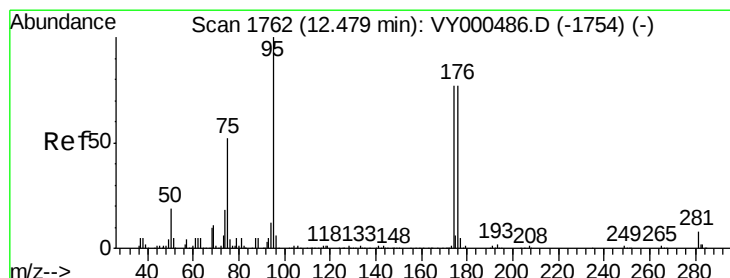
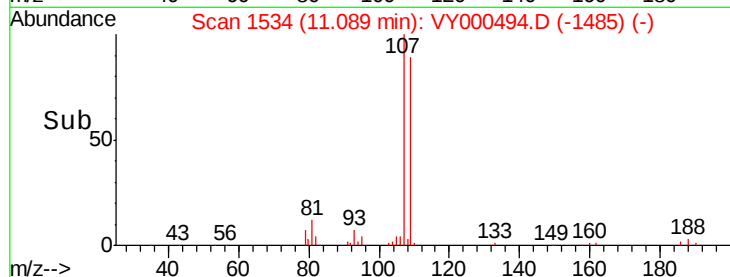
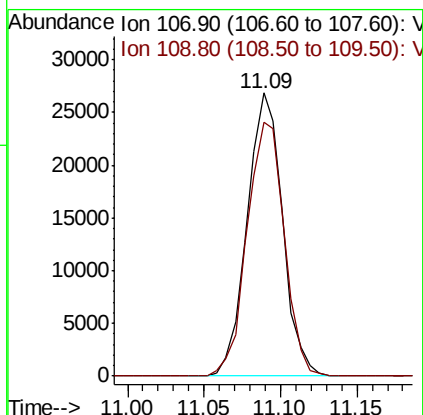
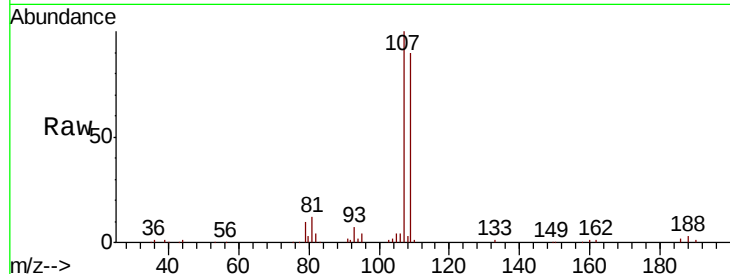




#61
 1,2-Dibromoethane
 Concen: 20.082 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

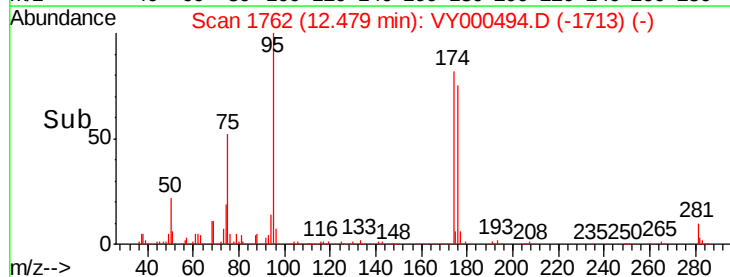
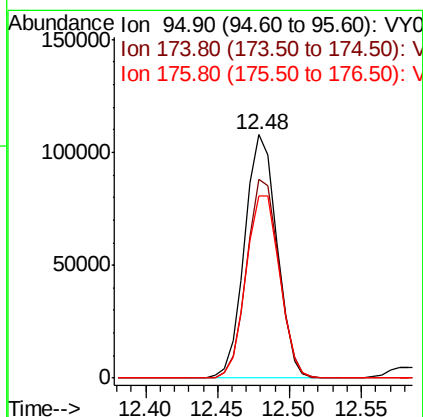
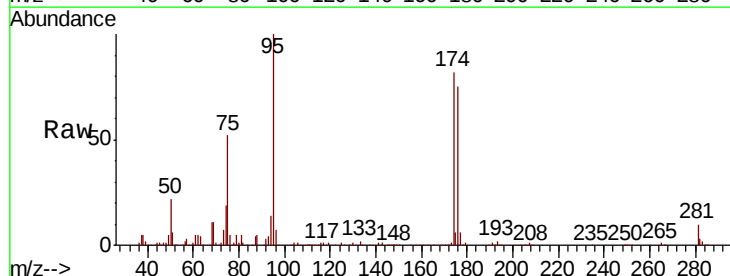
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBSD01

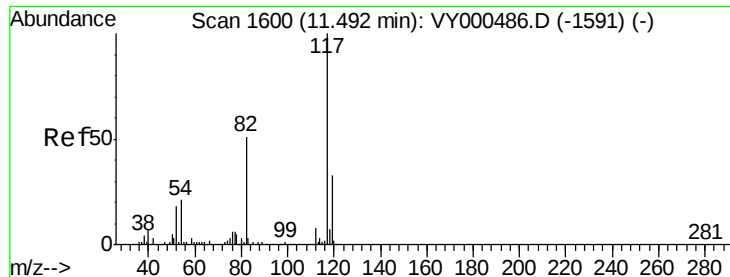
Tot Ion: 107 Resp: 43272
 Ion Ratio Lower Upper
 107 100
 109 94.1 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 47.740 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion: 95 Resp: 167211
 Ion Ratio Lower Upper
 95 100
 174 81.7 0.0 161.6
 176 78.3 0.0 157.8

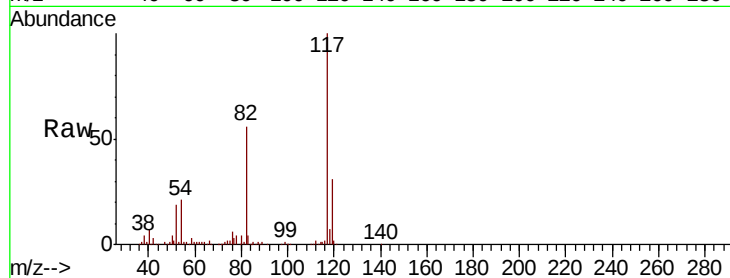




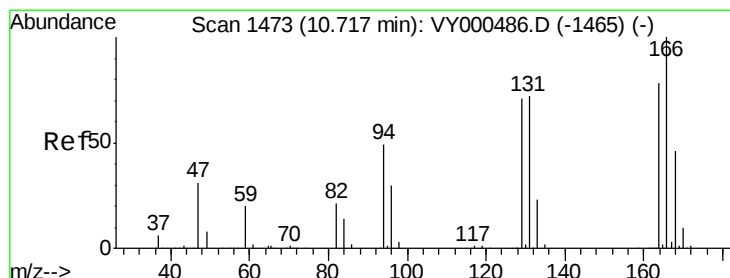
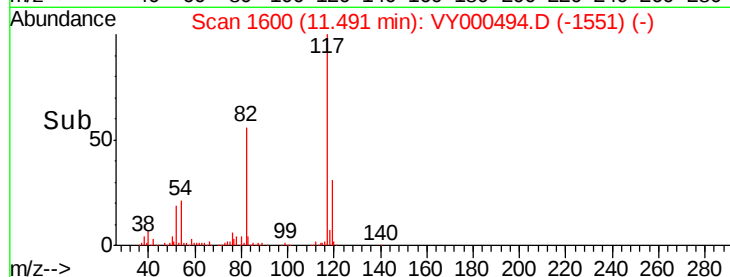
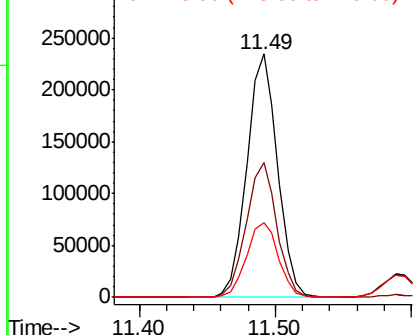
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Tot Ion:117 Resp: 370270
Ion Ratio Lower Upper
117 100
82 55.6 40.8 61.2
119 30.6 26.2 39.2

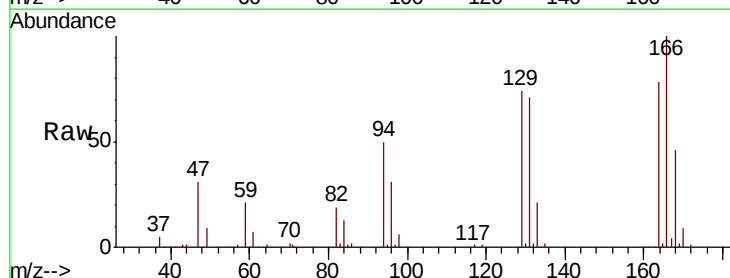


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

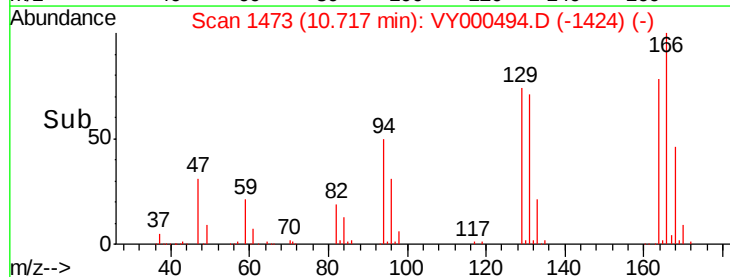
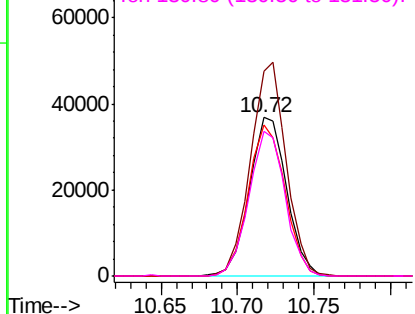


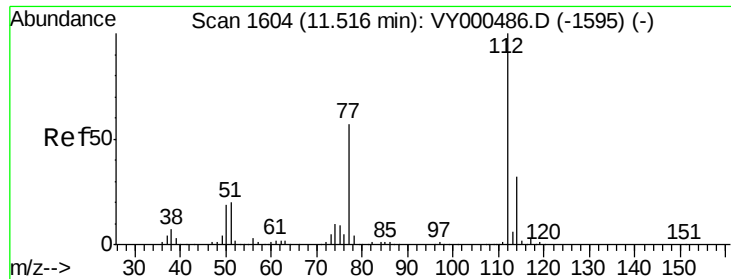
#64
Tetrachloroethene
Concen: 20.418 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion:164 Resp: 62514
Ion Ratio Lower Upper
164 100
166 129.0 102.7 154.1
129 95.7 73.2 109.8
131 91.1 74.2 111.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

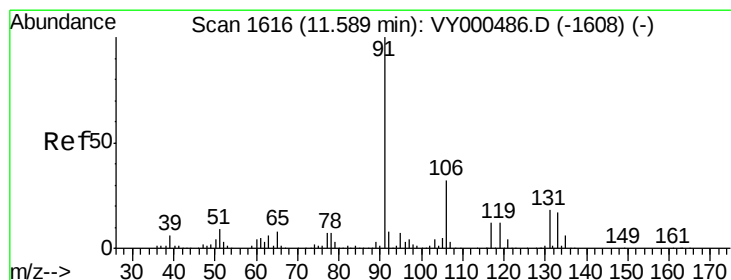
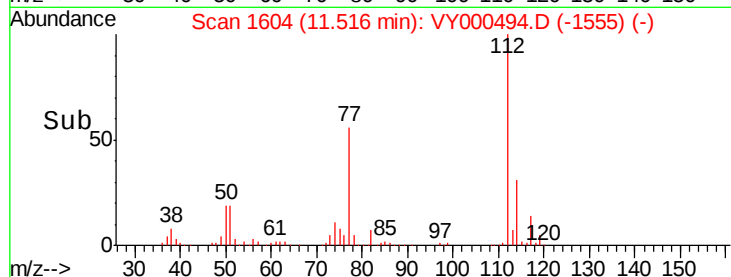
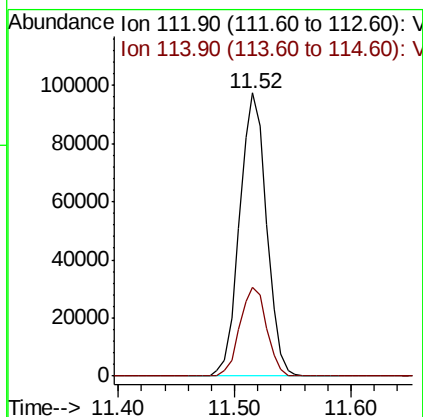
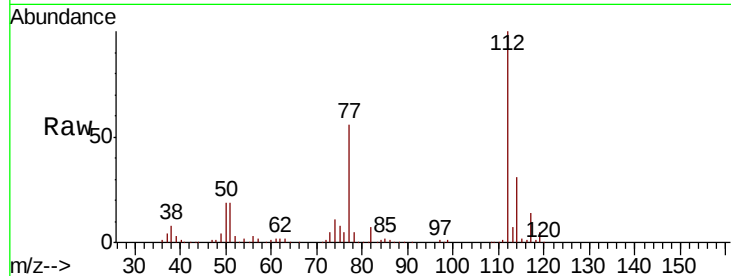




#65
Chlorobenzene
Concen: 20.968 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

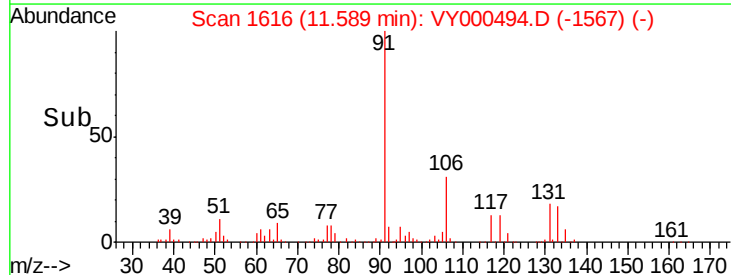
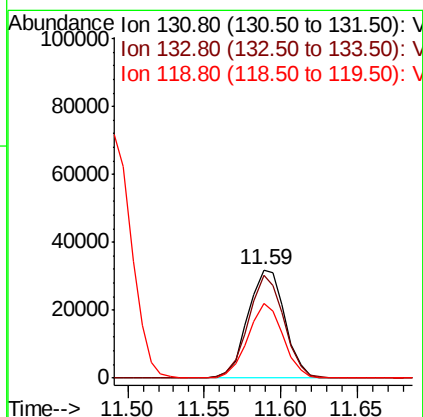
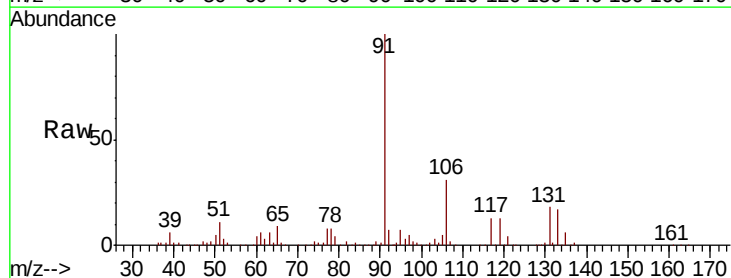
Instrument :
MSVOA_Y
ClientSampled :
VY1030SBS01

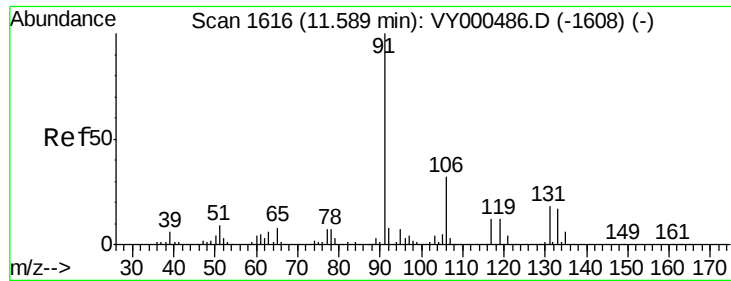
Tot Ion:112 Resp: 157407
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.577 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion:131 Resp: 53575
Ion Ratio Lower Upper
131 100
133 91.9 47.9 143.8
119 65.7 33.1 99.3

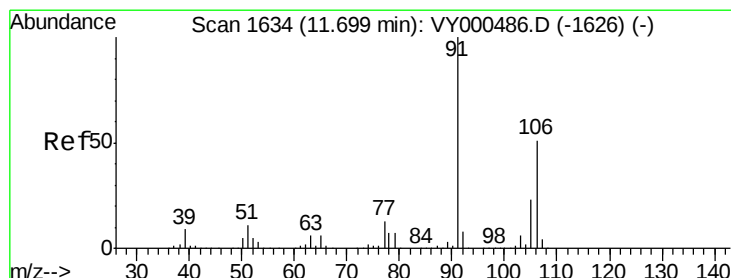
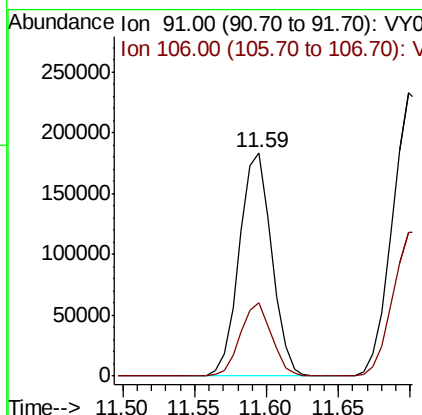
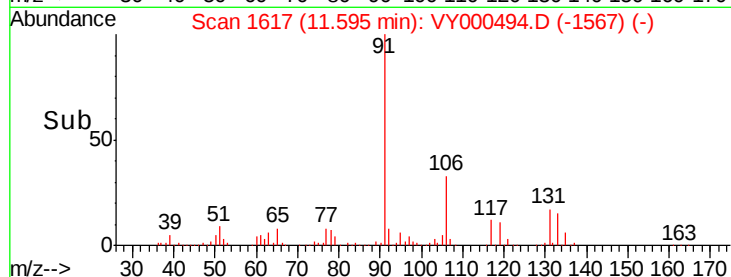
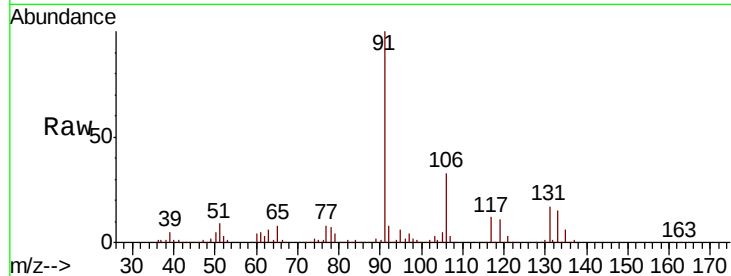




#67
Ethyl Benzene
Concen: 20.715 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

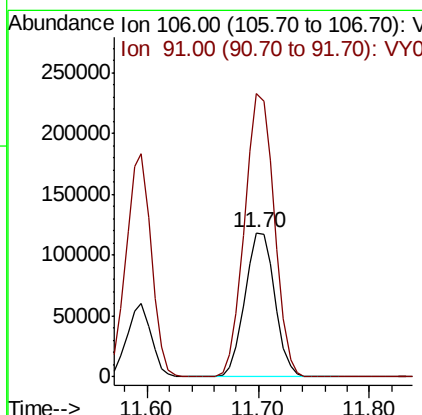
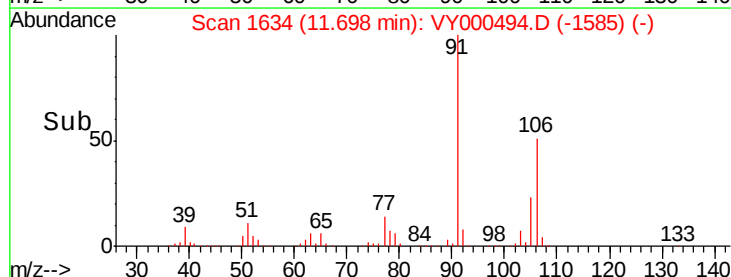
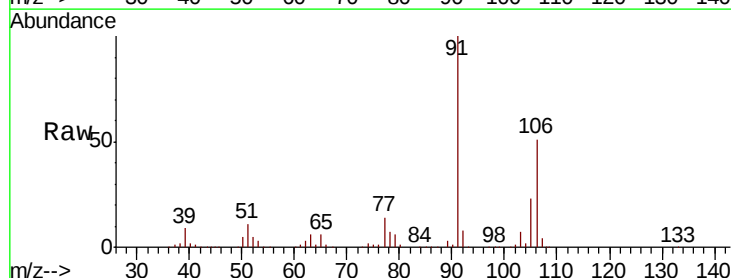
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

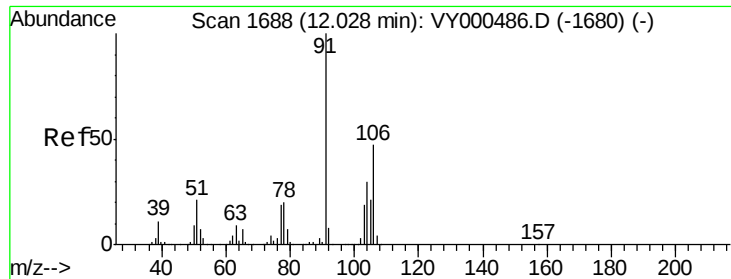
Tot Ion: 91 Resp: 286212
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0



#68
m/p-Xylenes
Concen: 41.278 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 106 Resp: 220733
Ion Ratio Lower Upper
106 100
91 196.1 155.9 233.9

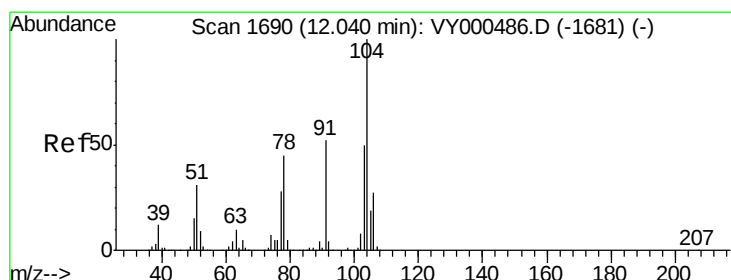
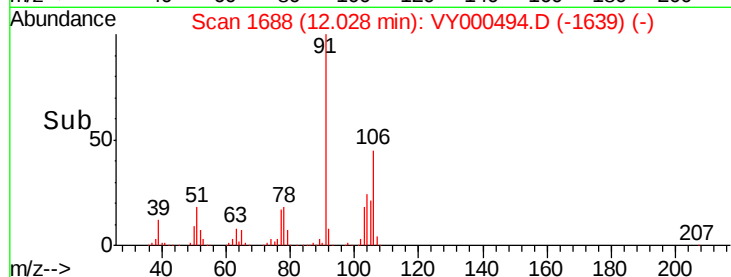
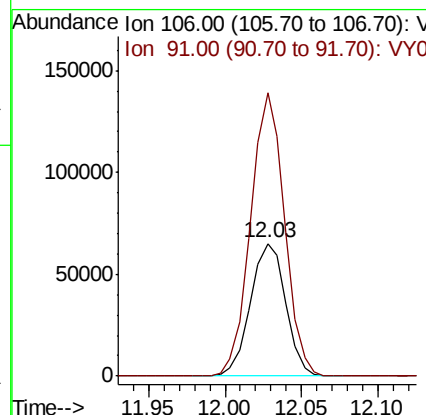
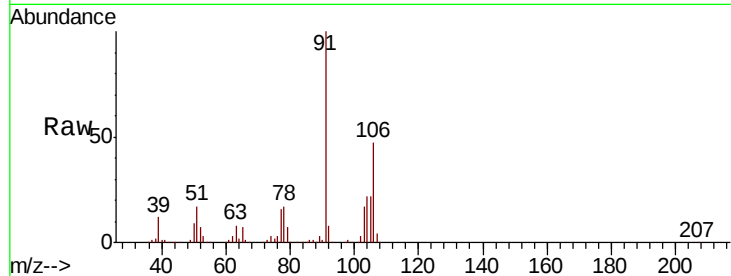




#69
o-Xylene
Concen: 20.650 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

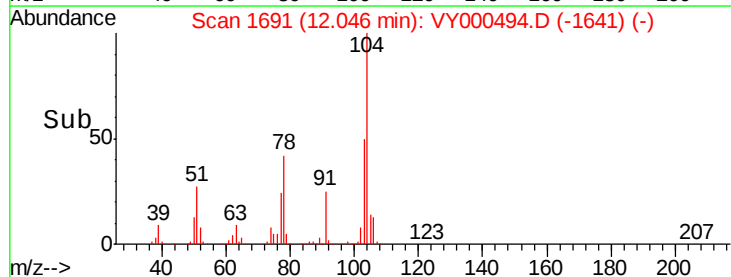
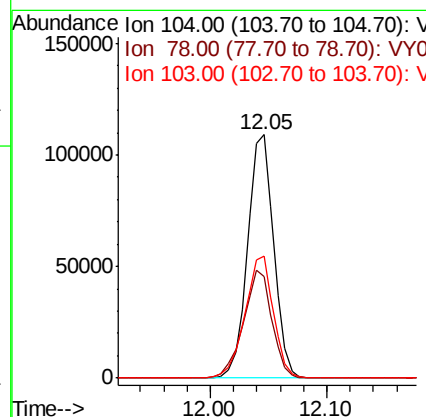
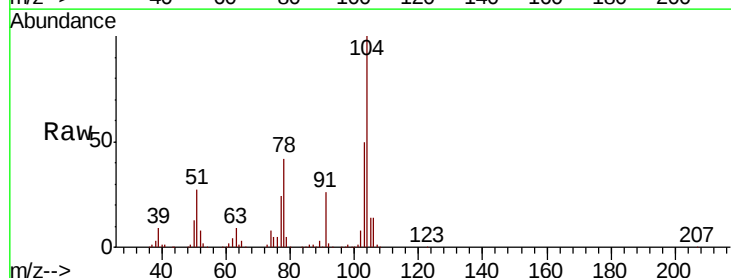
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

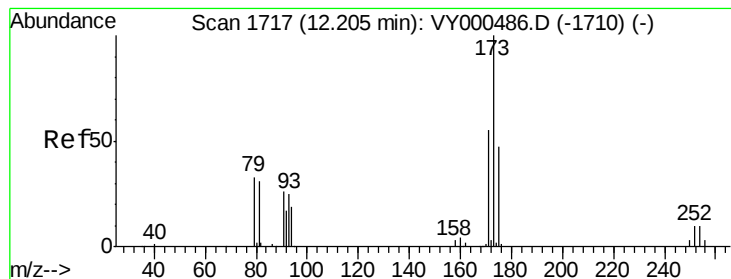
Tot Ion:106 Resp: 103780
Ion Ratio Lower Upper
106 100
91 206.2 106.5 319.6



#70
Styrene
Concen: 19.845 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion:104 Resp: 170781
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.4
103 54.4 42.5 63.7





#71

Bromoform

Concen: 19.173 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBSD01

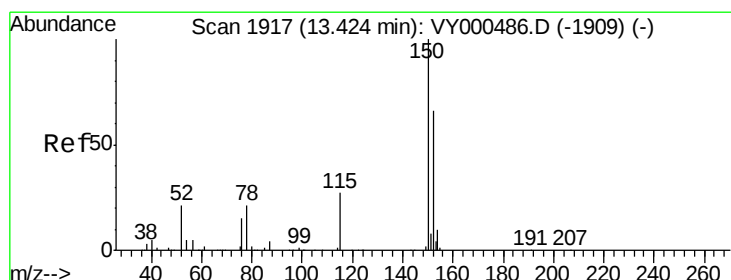
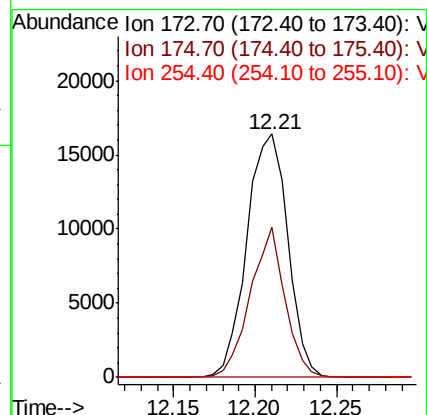
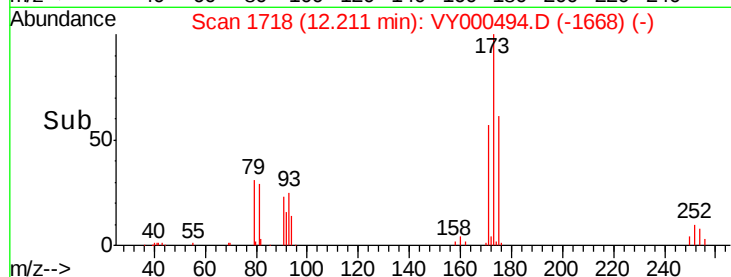
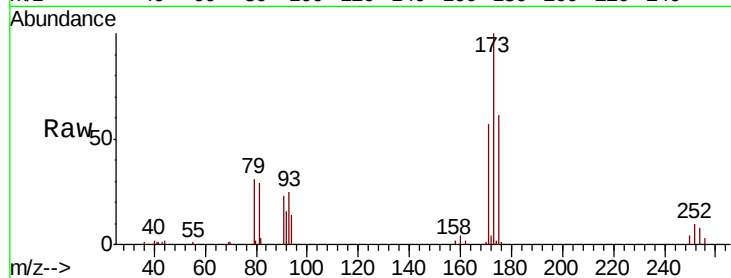
Tot Ion:173 Resp: 28711

Ion Ratio Lower Upper

173 100

175 52.2 24.4 73.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

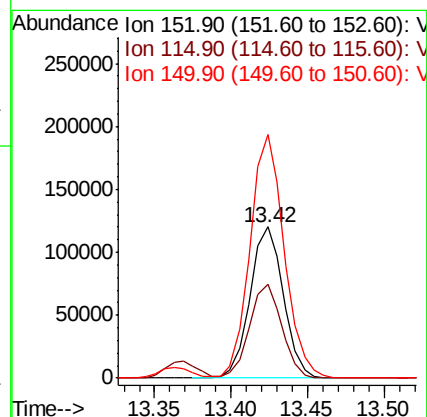
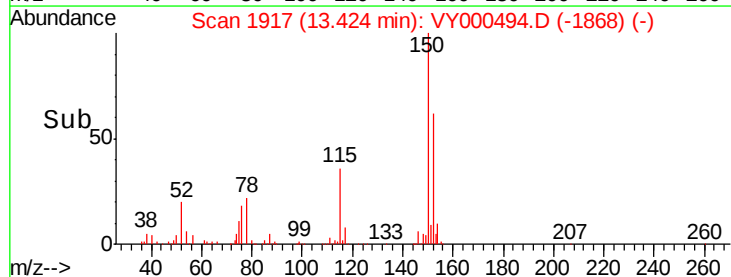
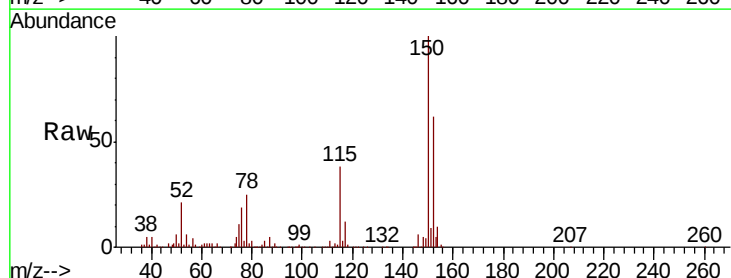
Tgt Ion:152 Resp: 180918

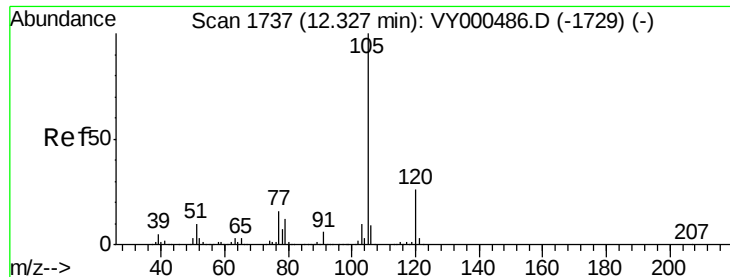
Ion Ratio Lower Upper

152 100

115 60.6 29.1 87.4

150 165.7 0.0 348.8





#73

Isopropylbenzene

Concen: 20.466 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

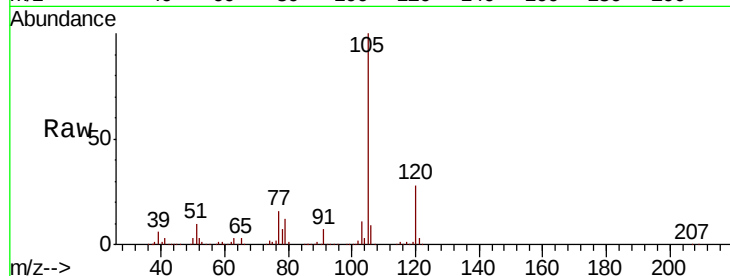
VY1030SBS01

Tot Ion:105 Resp: 273656

Ion Ratio Lower Upper

105 100

120 28.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

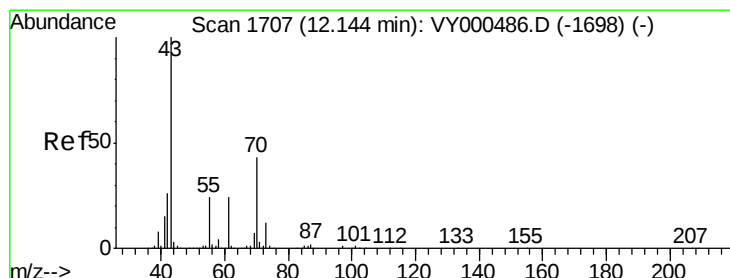
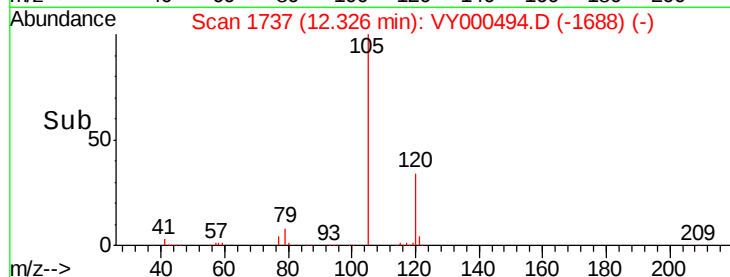
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 19.392 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Tgt Ion: 43 Resp: 74261

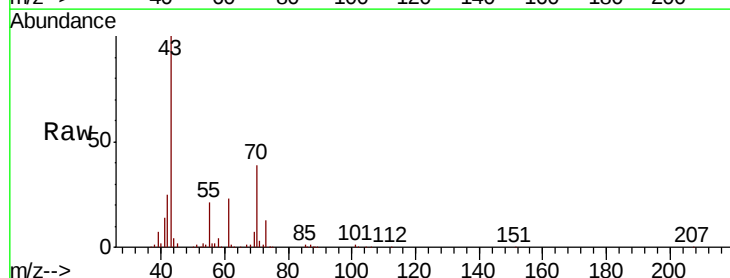
Ion Ratio Lower Upper

43 100

70 41.0 33.1 49.7

55 21.5 18.0 27.0

61 24.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

40000

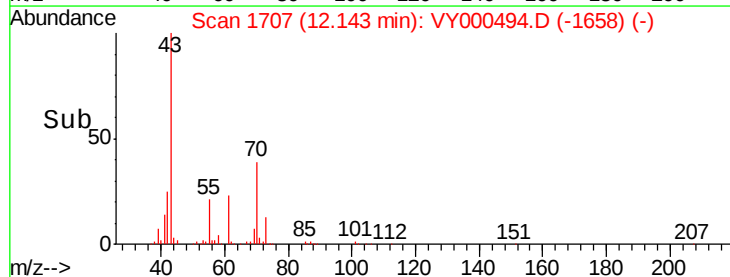
20000

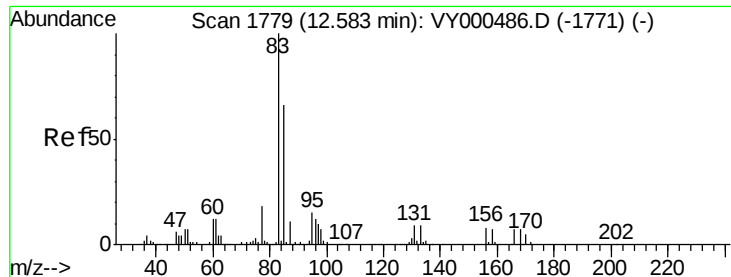
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.585 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

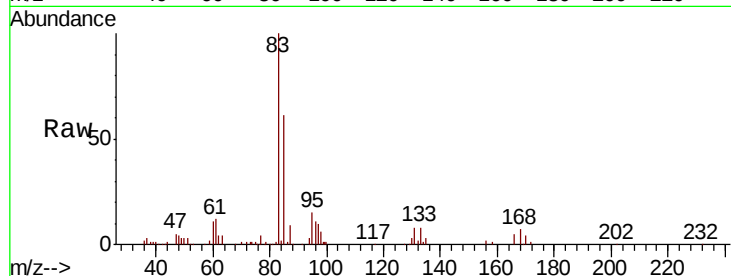
Tot Ion: 83 Resp: 51852

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

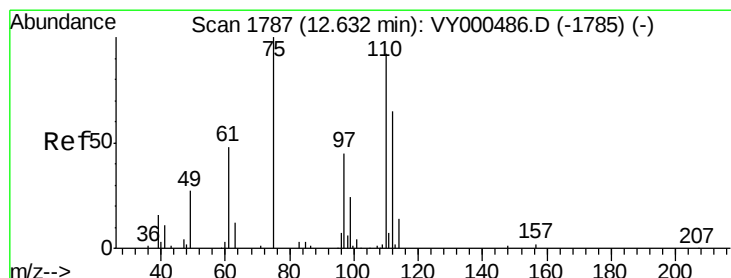
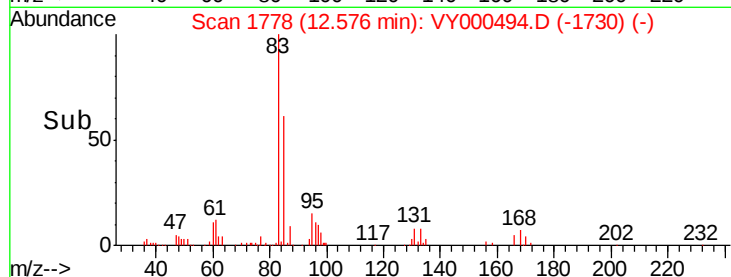
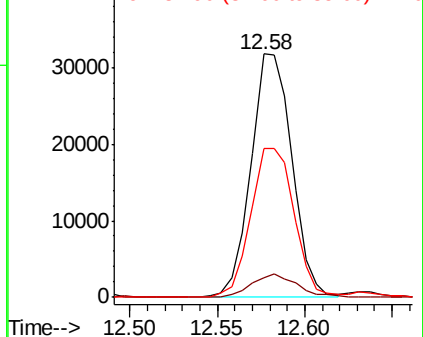
85 65.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 34.523 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000494.D

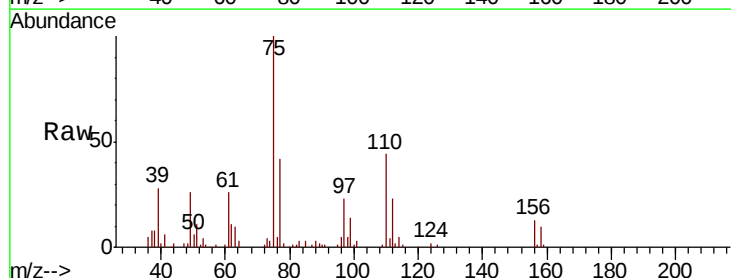
Acq: 30 Oct 2019 16:39

Tgt Ion: 75 Resp: 71118

Ion Ratio Lower Upper

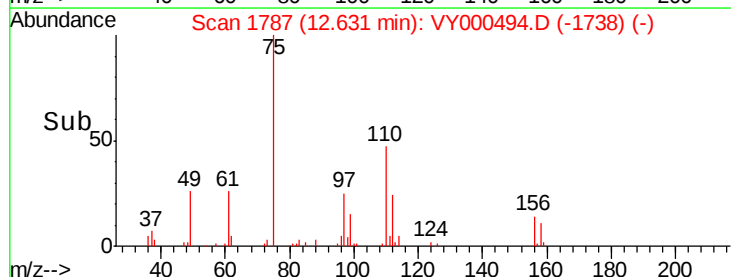
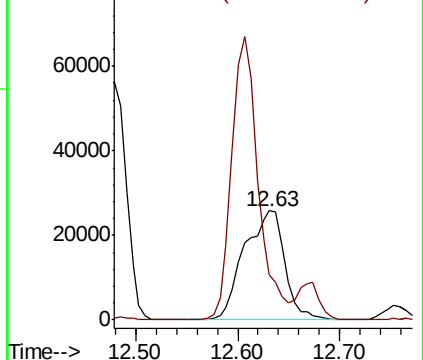
75 100

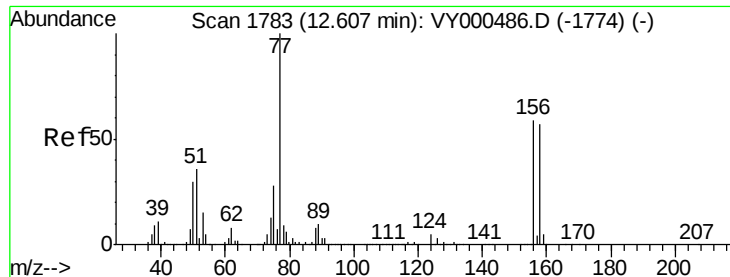
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.189 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

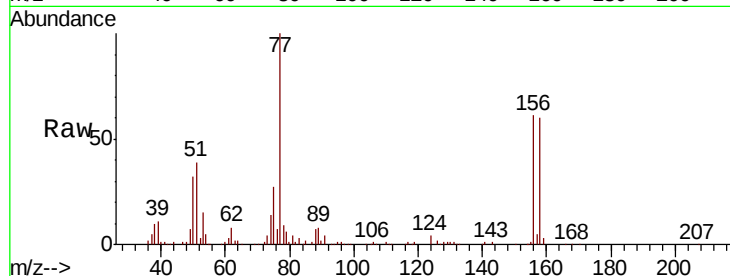
Tot Ion:156 Resp: 61218

Ion Ratio Lower Upper

156 100

77 196.9 98.2 294.4

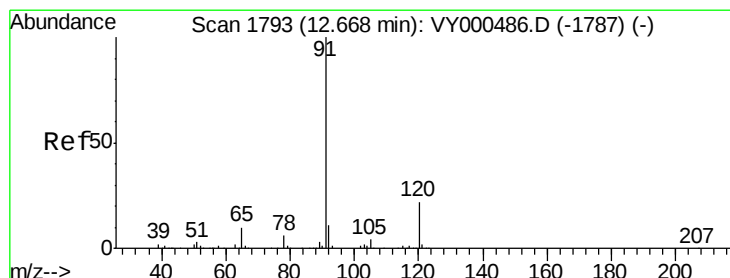
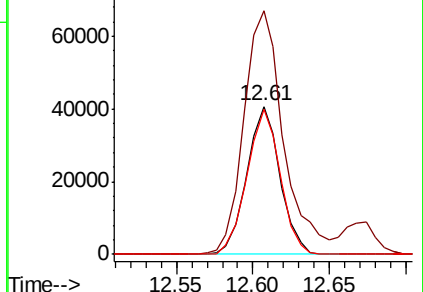
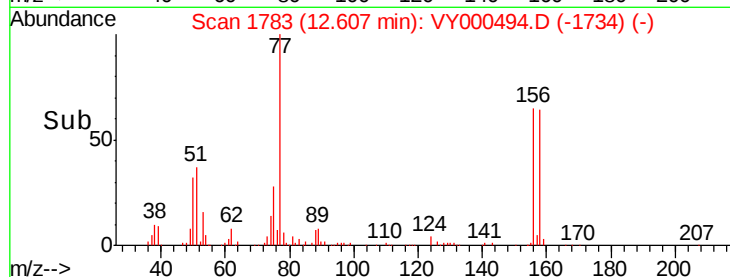
158 98.3 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.782 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000494.D

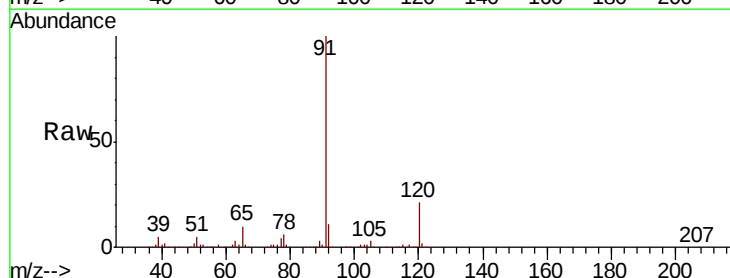
Acq: 30 Oct 2019 16:39

Tgt Ion: 91 Resp: 335286

Ion Ratio Lower Upper

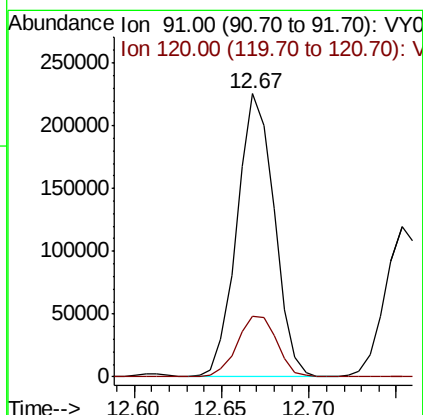
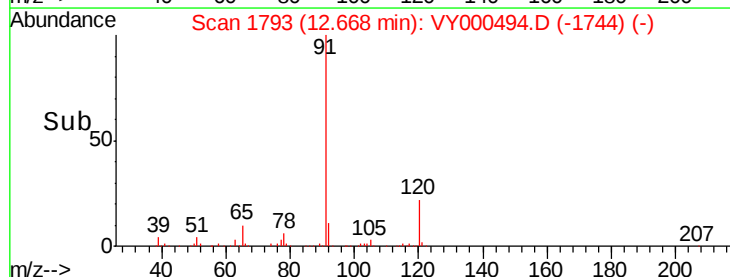
91 100

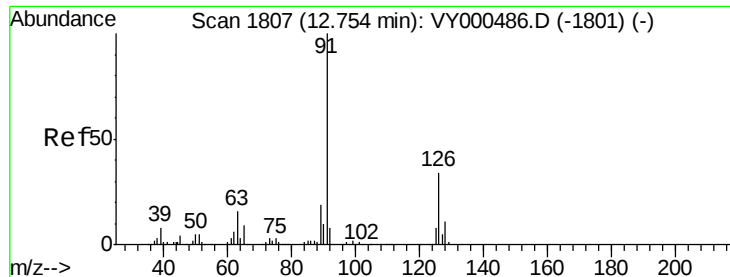
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.562 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

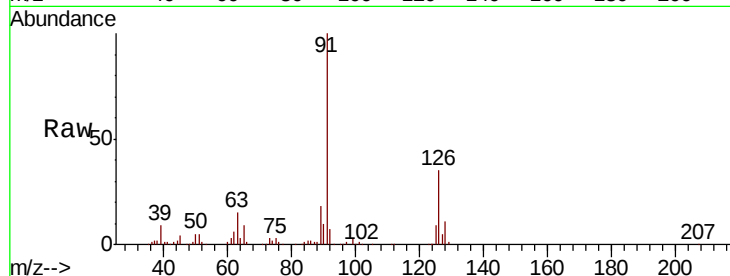
VY1030SBSD01

Tot Ion: 91 Resp: 184164

Ion Ratio Lower Upper

91 100

126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)

150000

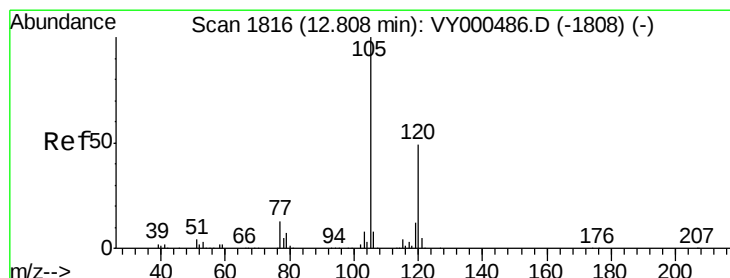
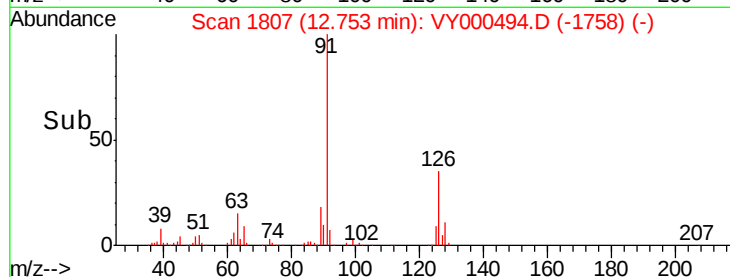
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.894 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY000494.D

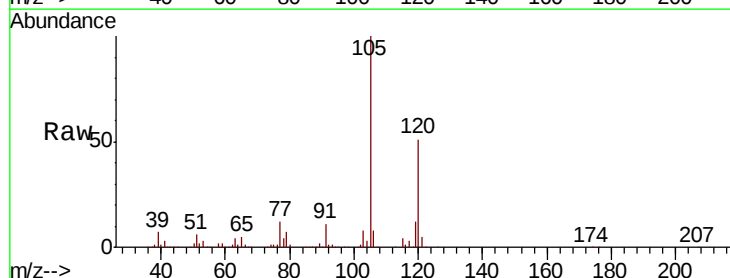
Acq: 30 Oct 2019 16:39

Tgt Ion: 105 Resp: 232675

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)

150000

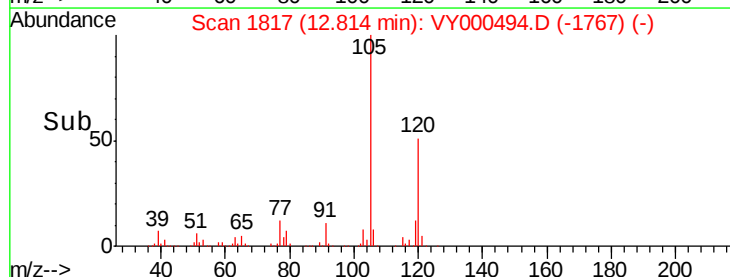
100000

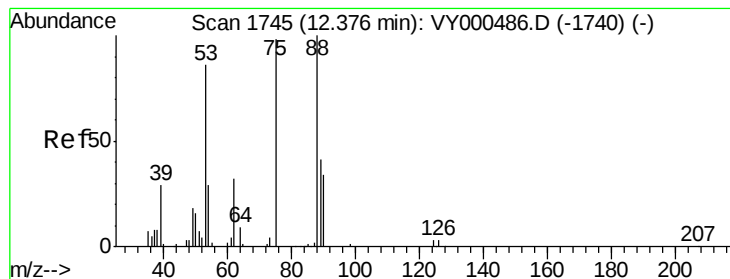
50000

0

12.75 12.80 12.85

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.611 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

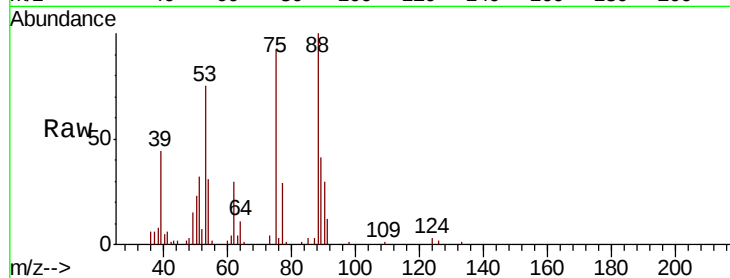
Tot Ion: 75 Resp: 18018

Ion Ratio Lower Upper

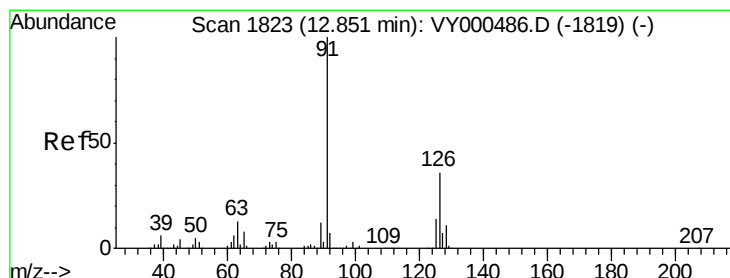
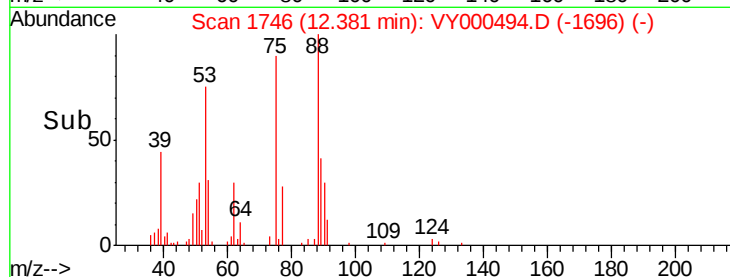
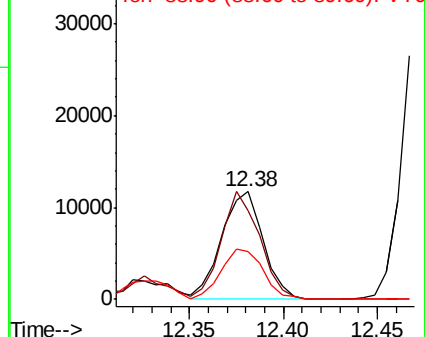
75 100

53 92.0 73.2 109.8

89 46.7 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.648 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY000494.D

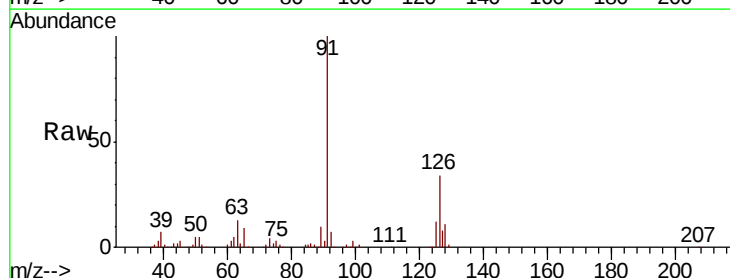
Acq: 30 Oct 2019 16:39

Tgt Ion: 91 Resp: 191700

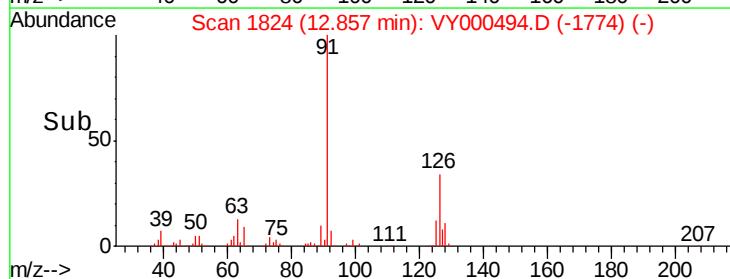
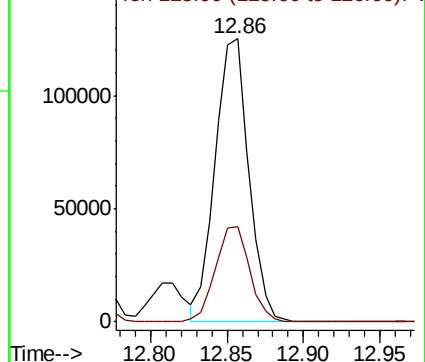
Ion Ratio Lower Upper

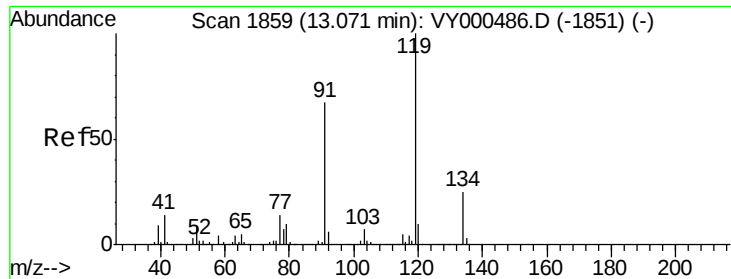
91 100

126 34.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

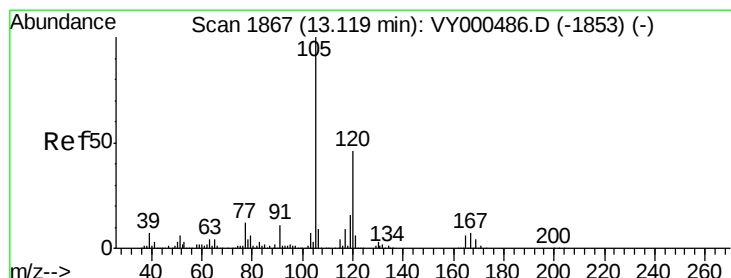
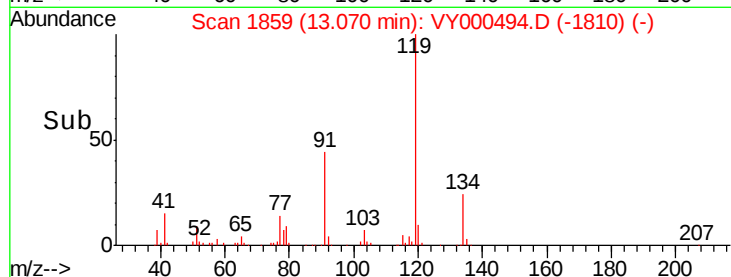
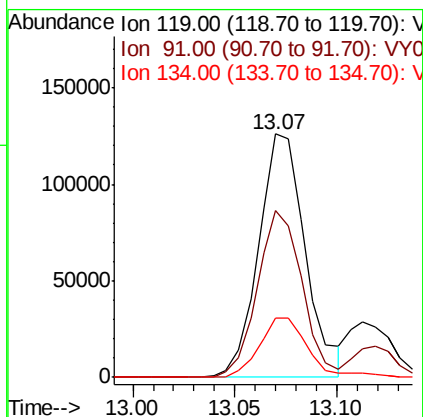
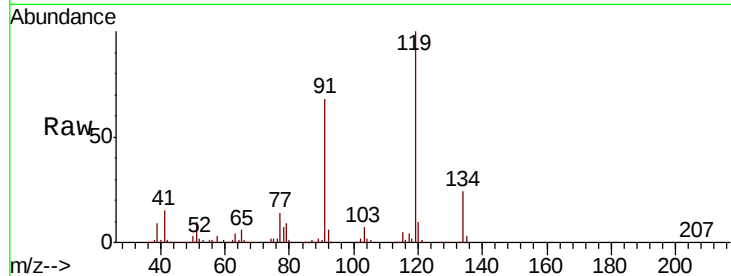




#83
 tert-Butylbenzene
 Concen: 21.157 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

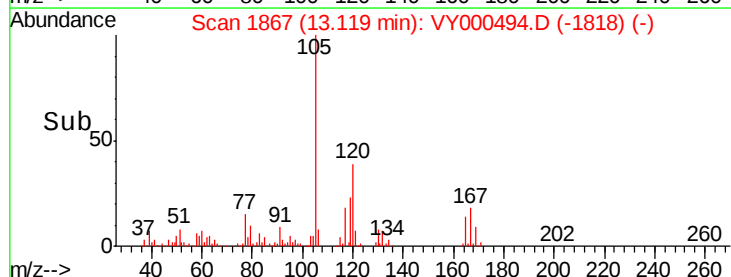
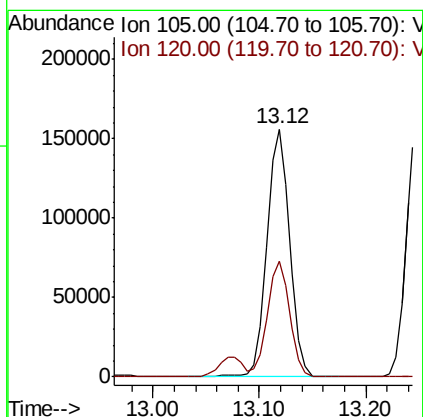
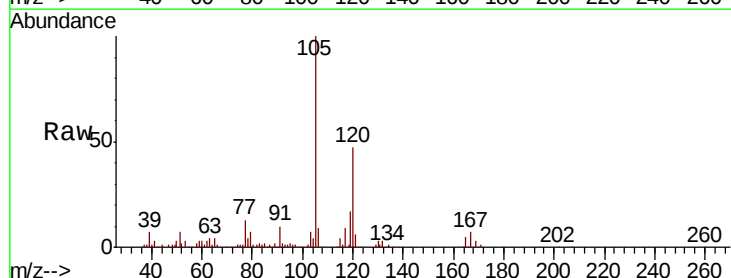
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

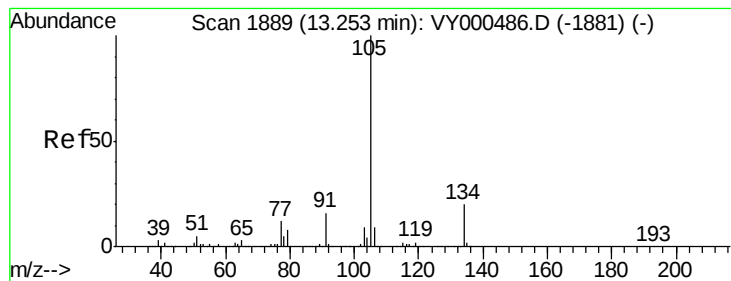
Tot Ion:119 Resp: 201171
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.1 96.3
 134 25.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.044 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion:105 Resp: 233328
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.334 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

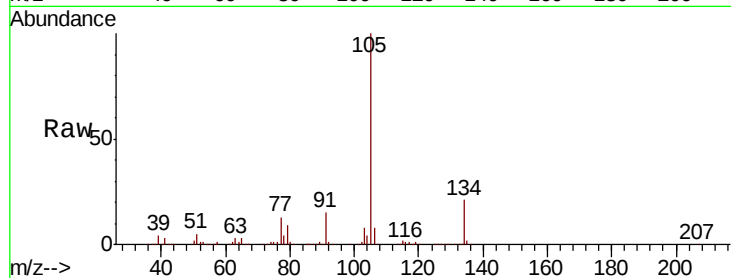
VY1030SBS01

Tot Ion:105 Resp: 289008

Ion Ratio Lower Upper

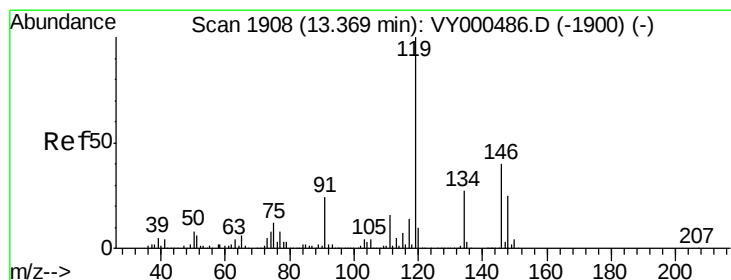
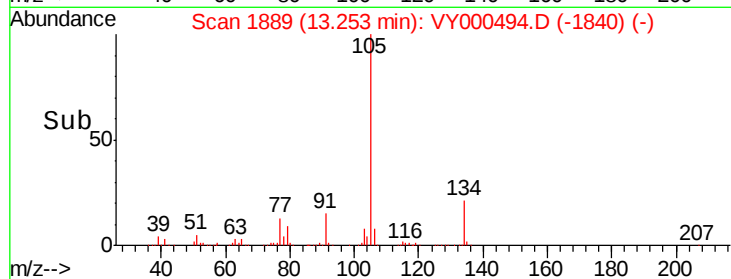
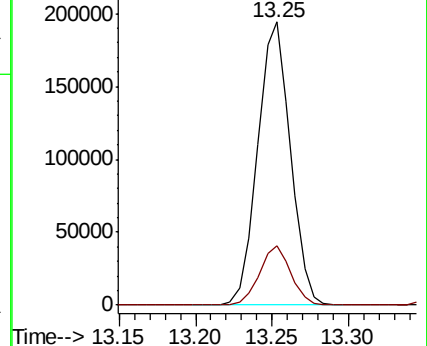
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.026 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

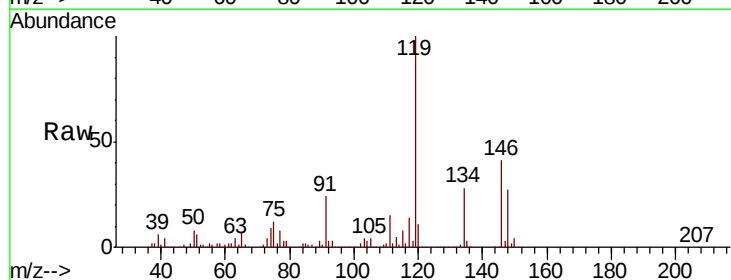
Tgt Ion:119 Resp: 253858

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

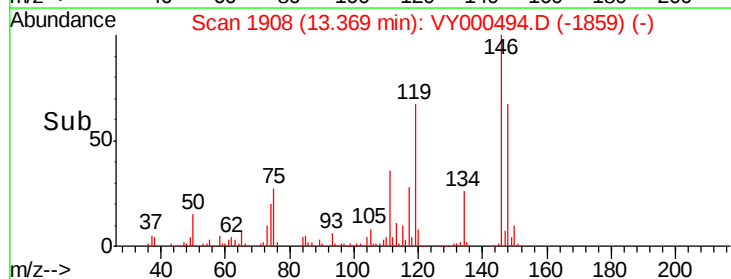
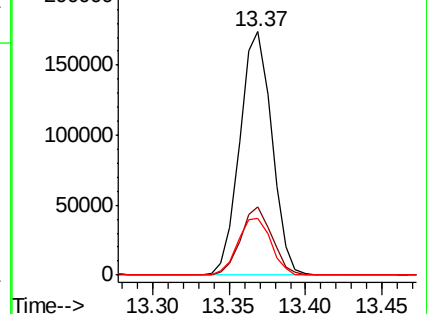
91 24.5 12.0 36.1

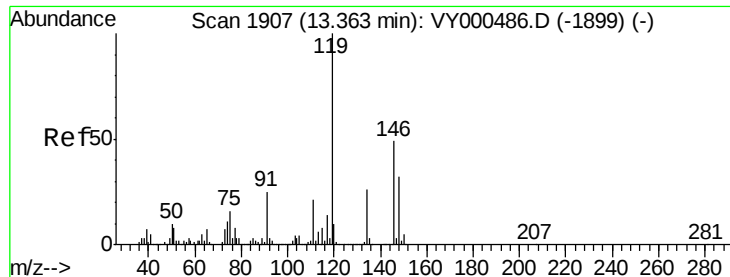


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.700 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

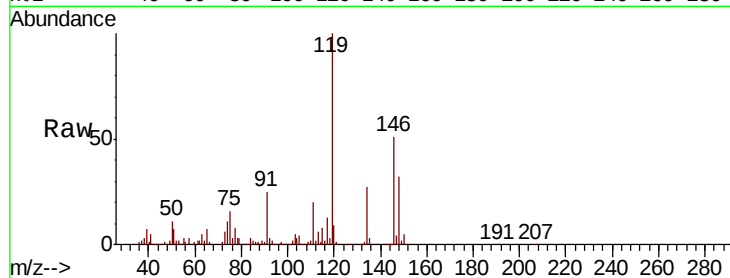
Tot Ion:146 Resp: 122940

Ion Ratio Lower Upper

146 100

111 39.0 20.3 60.8

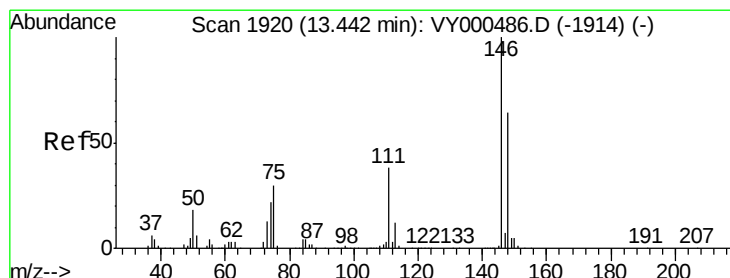
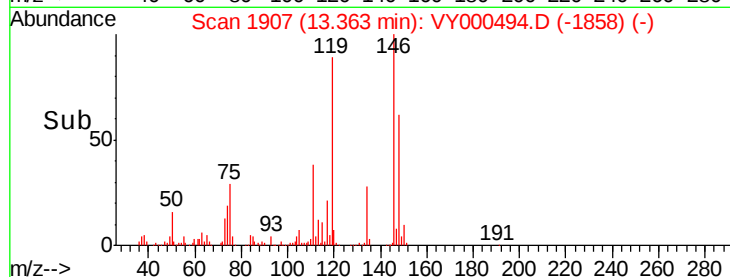
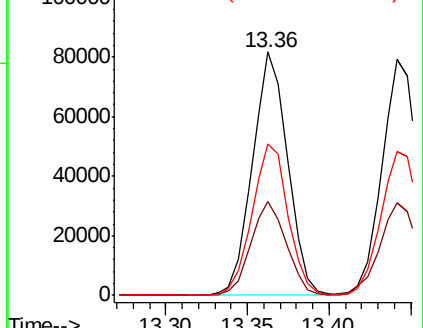
148 63.5 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.487 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000494.D

Acq: 30 Oct 2019 16:39

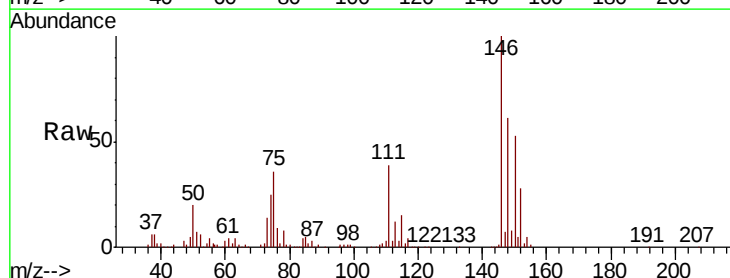
Tgt Ion:146 Resp: 121584

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.0

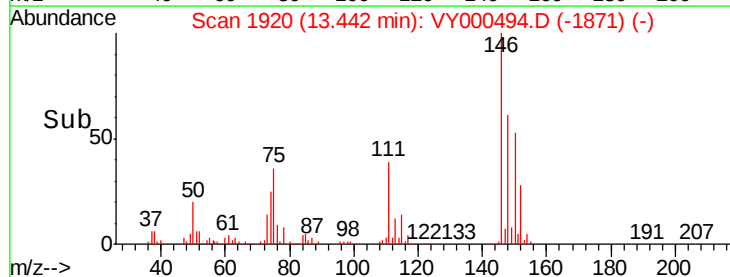
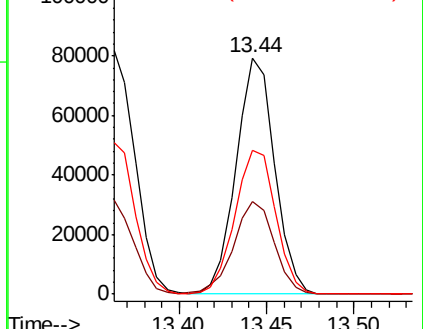
148 64.6 31.9 95.7

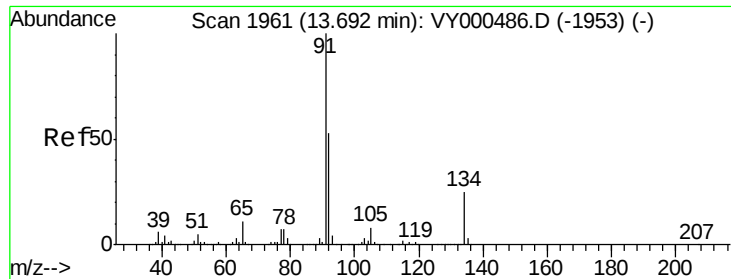


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

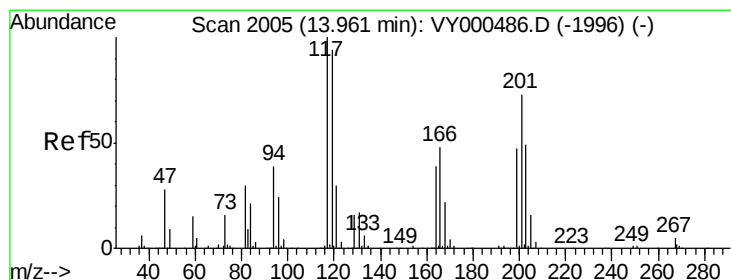
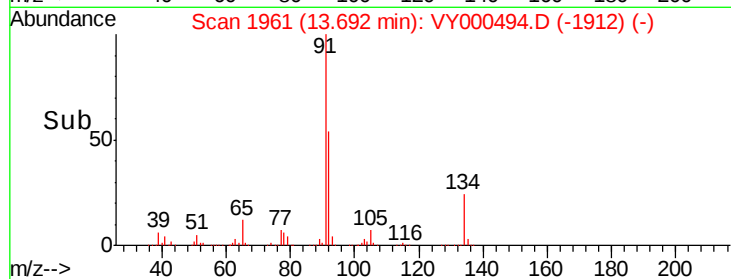
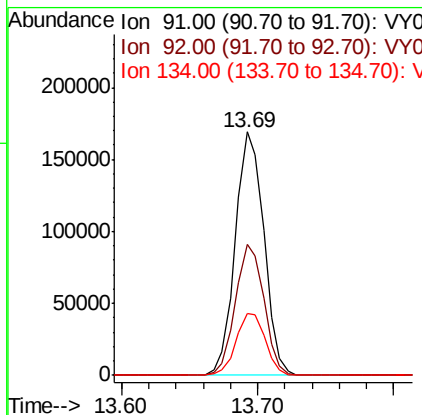
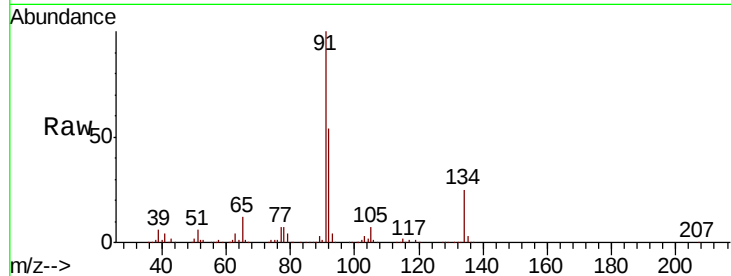




#89
n-Butylbenzene
Concen: 20.763 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

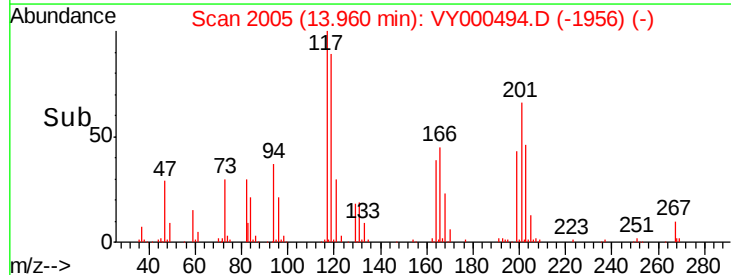
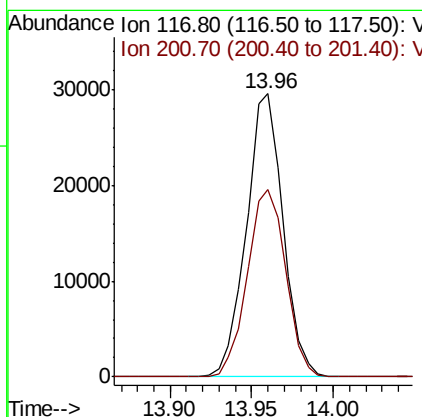
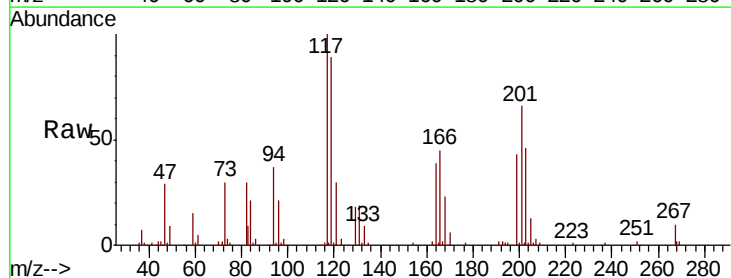
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

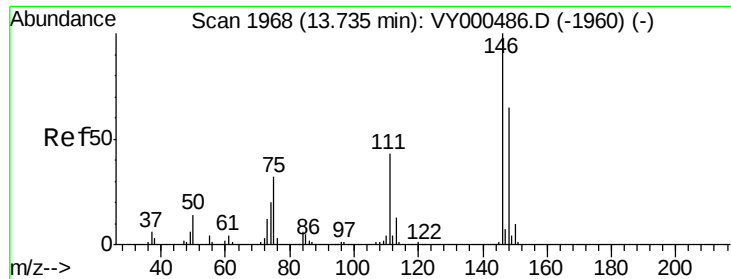
Tot Ion: 91 Resp: 247257
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 25.9 12.9 38.7



#90
Hexachloroethane
Concen: 20.737 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion: 117 Resp: 46287
Ion Ratio Lower Upper
117 100
201 69.1 35.8 107.3

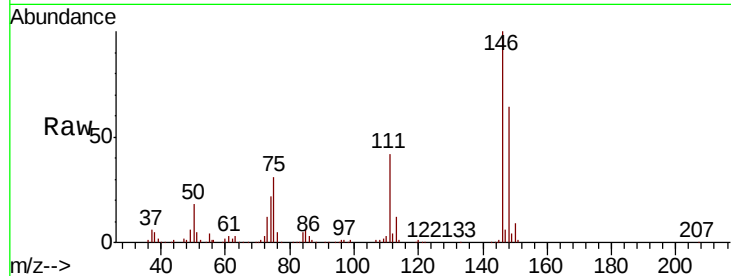




#91
 1,2-Dichlorobenzene
 Concen: 21.022 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	62.3	31.7	95.1

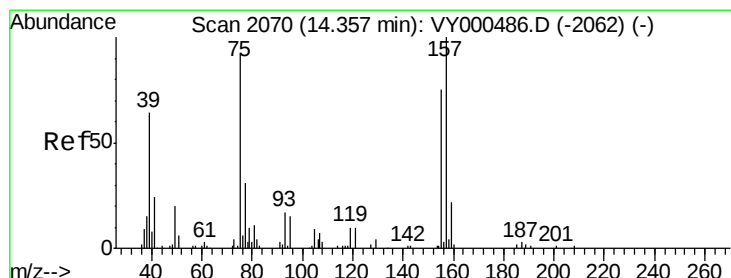
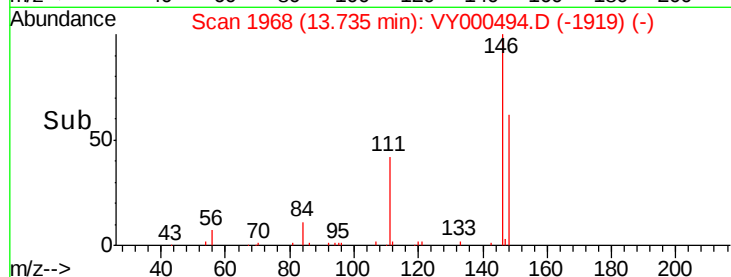
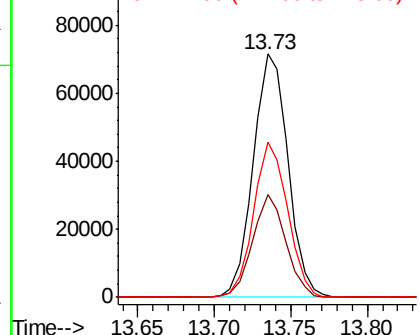


Abundance

Ion 145.90 (145.60 to 146.60): V

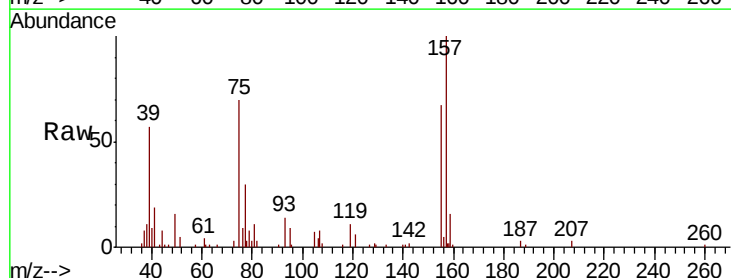
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.805 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.4	42.4	127.1
157	124.3	55.1	165.3

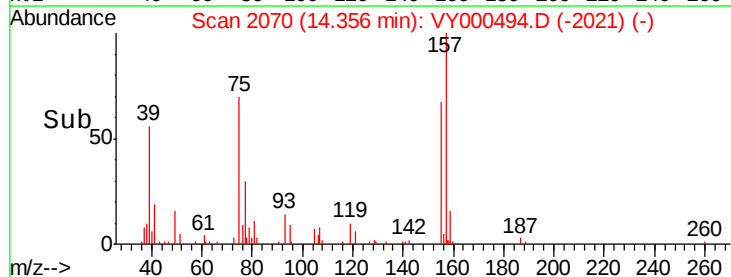
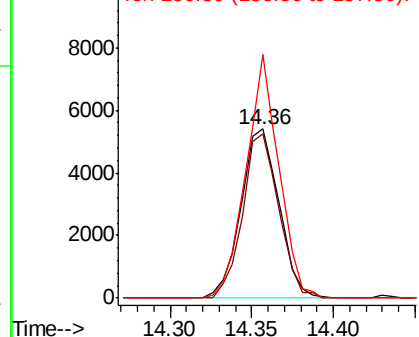


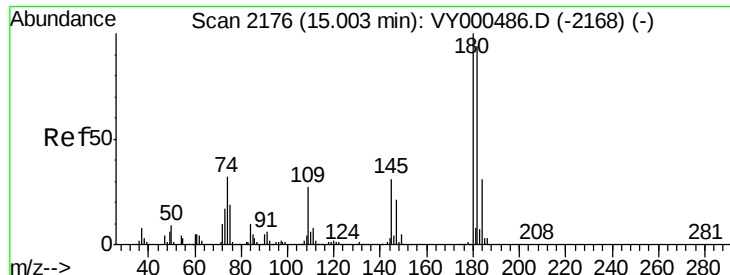
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

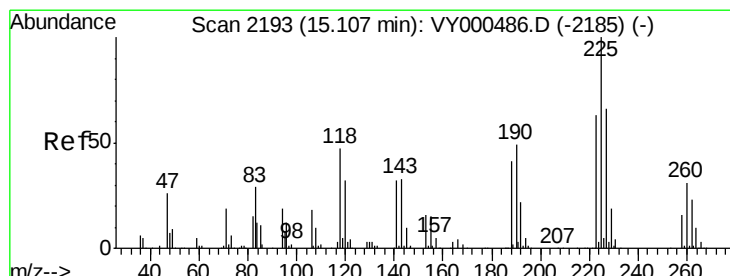
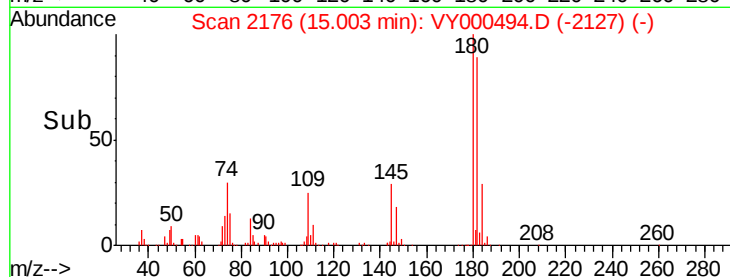
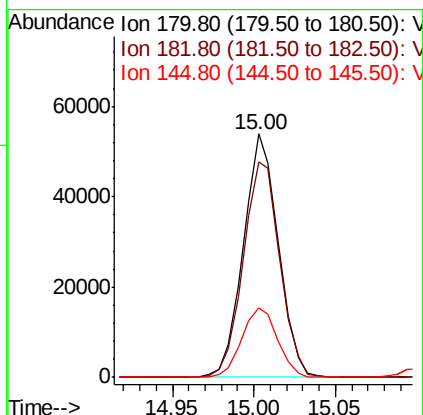
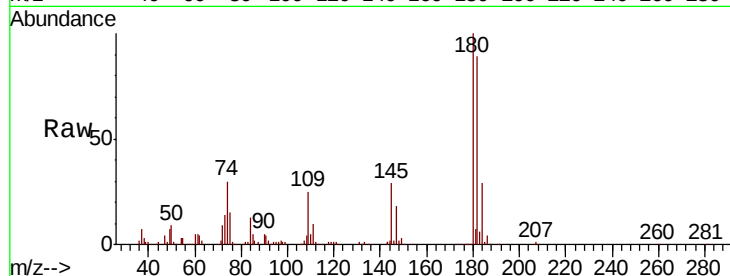




#93
 1,2,4-Trichlorobenzene
 Concen: 21.869 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

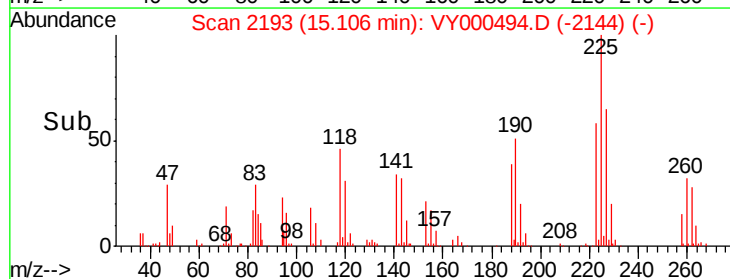
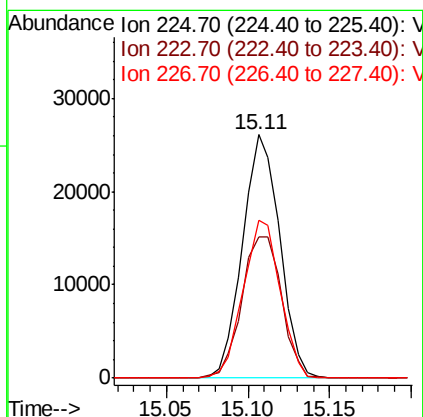
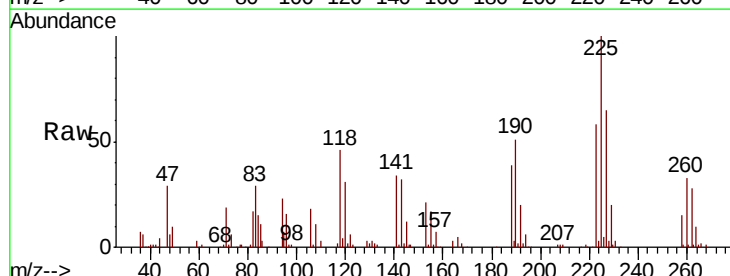
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

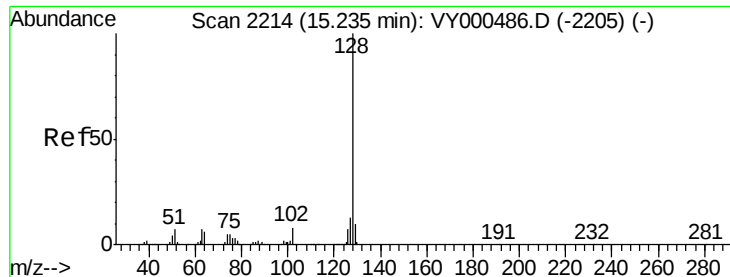
Tot Ion:180 Resp: 80240
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.8 143.4
 145 29.4 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 21.957 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000494.D
 Acq: 30 Oct 2019 16:39

Tgt Ion:225 Resp: 41529
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 64.4 32.4 97.0

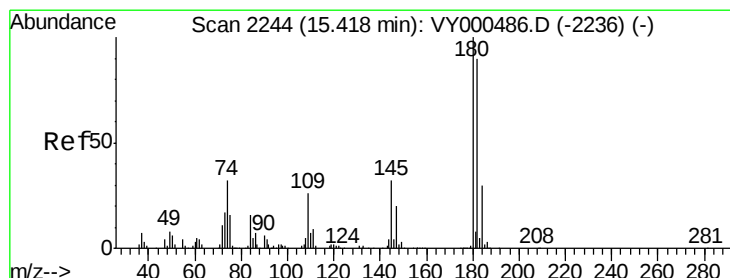
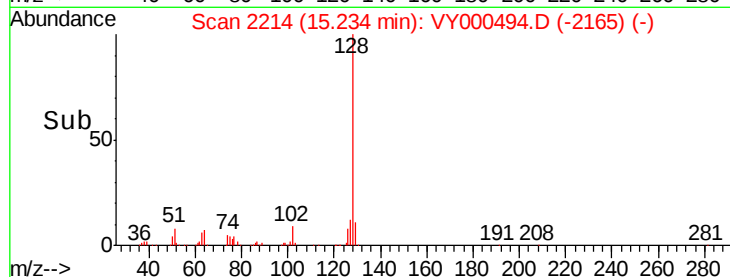
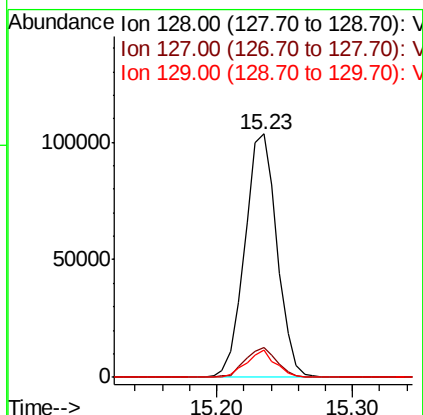
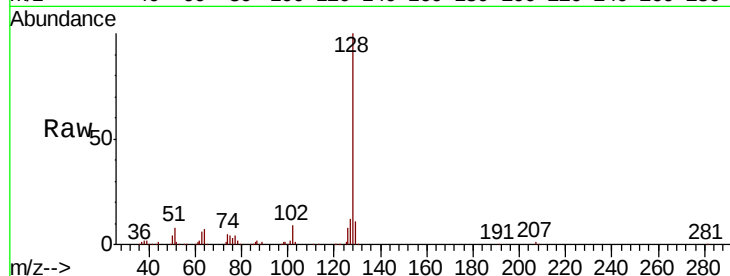




#95
Naphthalene
Concen: 21.000 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Tot Ion:128 Resp: 171049
Ion Ratio Lower Upper
128 100
127 12.1 9.8 14.6
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.879 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000494.D
Acq: 30 Oct 2019 16:39

Tgt Ion:180 Resp: 68729
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.3
145 33.3 15.7 47.0

