

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY103019\
 Data File : VY000493.D
 Acq On : 30 Oct 2019 16:16
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Quant Time: Oct 31 02:11:20 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	248449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	403529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	366264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	174994	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	130926	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
35) Dibromofluoromethane	7.73	113	118368	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.18	98	484790	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.48	95	169158	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	48835	19.968	ug/l 96
3) Chloromethane	2.12	50	69465	20.618	ug/l 99
4) Vinyl Chloride	2.26	62	64898	20.743	ug/l 99
5) Bromomethane	2.65	94	41656	22.203	ug/l 89
6) Chloroethane	2.79	64	40542	20.705	ug/l 99
7) Trichlorofluoromethane	3.13	101	88435	20.930	ug/l 95
8) Diethyl Ether	3.54	74	32019	21.327	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53325	20.876	ug/l 96
10) Methyl Iodide	4.10	142	62390	20.568	ug/l 97
11) Tert butyl alcohol	4.98	59	25517	101.953	ug/l 96
12) 1,1-Dichloroethene	3.87	96	52846	21.294	ug/l 98
13) Acrolein	3.73	56	21119	96.872	ug/l 98
14) Allyl chloride	4.49	41	85742	21.247	ug/l 99
15) Acrylonitrile	5.18	53	80550	104.737	ug/l 99
16) Acetone	3.96	43	68280	96.355	ug/l 99
17) Carbon Disulfide	4.19	76	159934	20.433	ug/l 99
18) Methyl Acetate	4.49	43	44693	20.284	ug/l 100
19) Methyl tert-butyl Ether	5.22	73	142741	20.687	ug/l 99
20) Methylene Chloride	4.72	84	64753	21.325	ug/l 97
21) trans-1,2-Dichloroethene	5.22	96	58292	20.776	ug/l 91
22) Diisopropyl ether	6.13	45	177106	20.192	ug/l 94
23) Vinyl Acetate	6.07	43	587348	106.080	ug/l 97
24) 1,1-Dichloroethane	6.02	63	98806	20.794	ug/l 99
25) 2-Butanone	7.00	43	113501	100.361	ug/l 97
26) 2,2-Dichloropropane	6.99	77	91297	21.024	ug/l 96
27) cis-1,2-Dichloroethene	6.99	96	65219	21.258	ug/l 96
28) Bromochloromethane	7.35	49	24529	14.485	ug/l 98
29) Tetrahydrofuran	7.36	42	70618	102.070	ug/l 99
30) Chloroform	7.51	83	98215	20.432	ug/l 98
31) Cyclohexane	7.79	56	98977	19.887	ug/l # 95
32) 1,1,1-Trichloroethane	7.71	97	88889	20.749	ug/l 99
36) 1,1-Dichloropropene	7.93	75	79245	20.773	ug/l 98
37) Ethyl Acetate	7.09	43	47921	21.159	ug/l 97
38) Carbon Tetrachloride	7.91	117	77588	21.137	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102859	20.871	ug/l	94
40) Benzene	8.17	78	233138	20.846	ug/l	97
41) Methacrylonitrile	7.36	41	66551	52.673	ug/l #	31
42) 1,2-Dichloroethane	8.24	62	69710	21.976	ug/l	100
43) Isopropyl Acetate	8.28	43	88359	20.768	ug/l	99
44) Trichloroethene	8.95	130	63554	21.552	ug/l	91
45) 1,2-Dichloropropane	9.22	63	57010	20.711	ug/l	99
46) Dibromomethane	9.31	93	32436	21.427	ug/l	100
47) Bromodichloromethane	9.50	83	74019	20.607	ug/l	96
48) Methyl methacrylate	9.30	41	41634	22.397	ug/l	97
49) 1,4-Dioxane	9.31	88	8568	420.540	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	246433	108.944	ug/l	99
52) Toluene	10.25	92	145736	20.611	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	81887	21.336	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	92844	21.116	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	48603	22.198	ug/l	91
56) Ethyl methacrylate	10.51	69	66722	21.500	ug/l	100
57) 1,3-Dichloropropane	10.79	76	82292	21.474	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	142411	101.506	ug/l	99
59) 2-Hexanone	10.83	43	175961	106.766	ug/l	98
60) Dibromochloromethane	10.99	129	51970	20.722	ug/l	97
61) 1,2-Dibromoethane	11.09	107	44616	21.193	ug/l	99
64) Tetrachloroethene	10.72	164	61430	20.284	ug/l	96
65) Chlorobenzene	11.52	112	155586	20.952	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	53942	20.945	ug/l	98
67) Ethyl Benzene	11.59	91	283004	20.707	ug/l	99
68) m/p-Xylenes	11.70	106	221959	41.961	ug/l	99
69) o-Xylene	12.03	106	102553	20.629	ug/l	99
70) Styrene	12.05	104	172765	20.295	ug/l	100
71) Bromoform	12.20	173	31020	20.941	ug/l #	99
73) Isopropylbenzene	12.33	105	273663	21.159	ug/l	99
74) N-amyl acetate	12.14	43	80299	21.678	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	55002	21.478	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	76276	38.281	ug/l #	100
77) Bromobenzene	12.61	156	62858	21.432	ug/l	98
78) n-propylbenzene	12.67	91	334858	21.458	ug/l	100
79) 2-Chlorotoluene	12.75	91	180374	20.820	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	233711	21.697	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	20304	22.847	ug/l	94
82) 4-Chlorotoluene	12.85	91	191923	21.372	ug/l	99
83) tert-Butylbenzene	13.08	119	196905	21.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	228731	21.327	ug/l	99
85) sec-Butylbenzene	13.25	105	281871	21.511	ug/l	100
86) p-Isopropyltoluene	13.37	119	246750	21.129	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	122835	21.382	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	127159	22.151	ug/l	98
89) n-Butylbenzene	13.69	91	246485	21.399	ug/l	99
90) Hexachloroethane	13.95	117	45588	21.115	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	112225	21.531	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	9874	21.787	ug/l	98

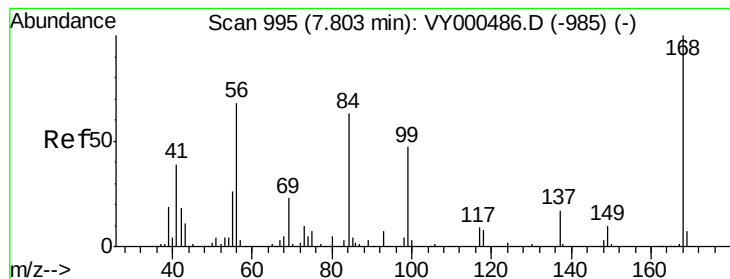
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	80281	22.621	ug/l	98
94) Hexachlorobutadiene	15.11	225	40998	22.410	ug/l	98
95) Naphthalene	15.23	128	187435	23.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	69391	21.794	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

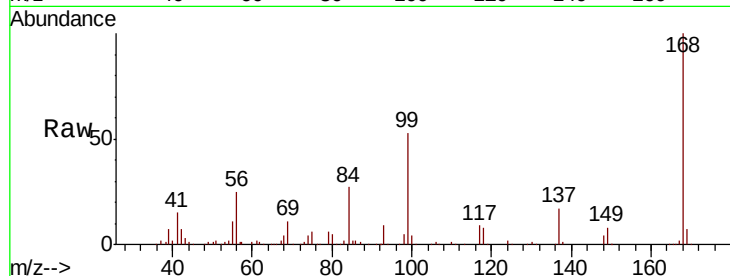
VY1030SBS01

Tot Ion:168 Resp: 248449

Ion Ratio Lower Upper

168 100

99 52.7 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) (-)

7.80

120000

100000

80000

60000

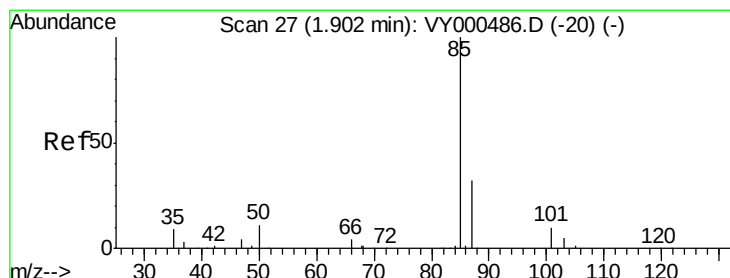
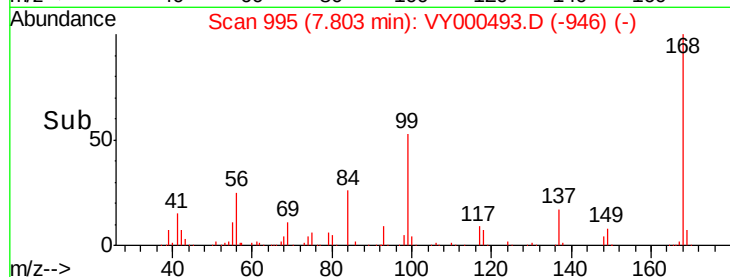
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.968 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000493.D

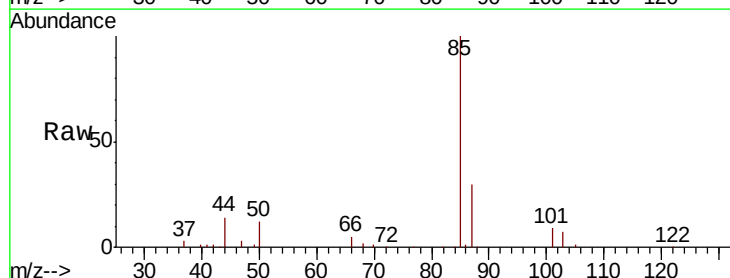
Acq: 30 Oct 2019 16:16

Tgt Ion: 85 Resp: 48835

Ion Ratio Lower Upper

85 100

87 29.6 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) (-)

1.90

30000

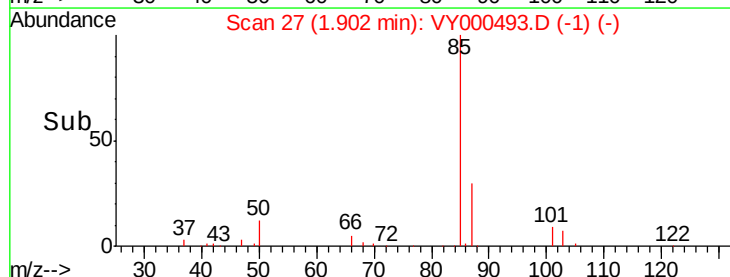
20000

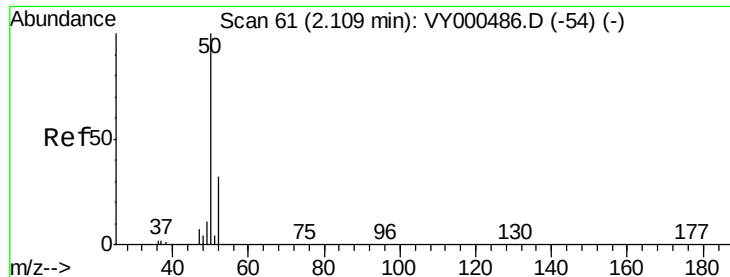
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.618 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

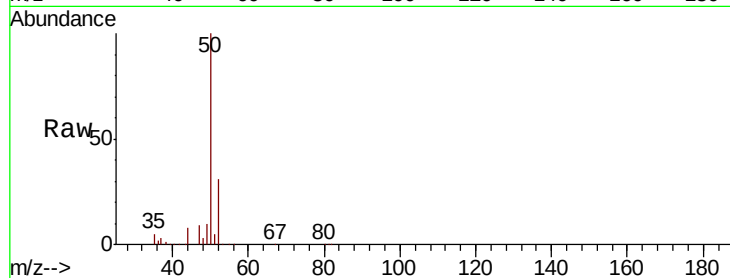
VY1030SBS01

Tot Ion: 50 Resp: 69465

Ion Ratio Lower Upper

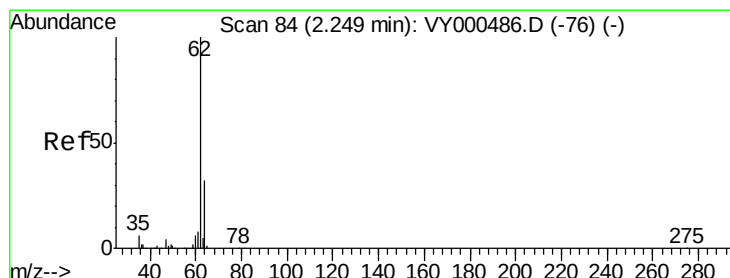
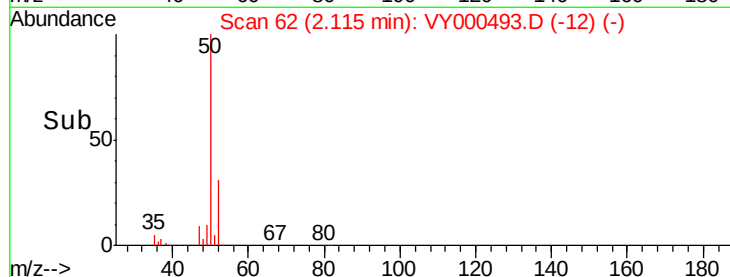
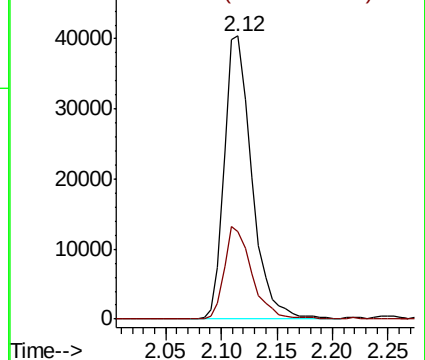
50 100

52 31.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.743 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000493.D

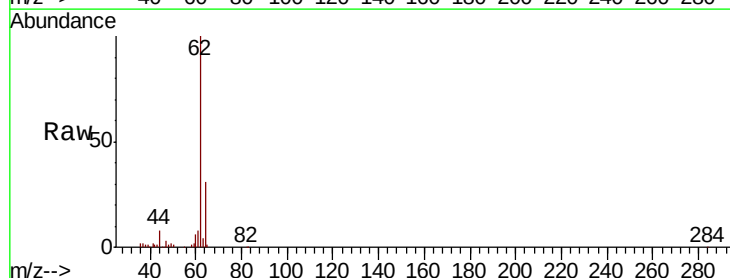
Acq: 30 Oct 2019 16:16

Tgt Ion: 62 Resp: 64898

Ion Ratio Lower Upper

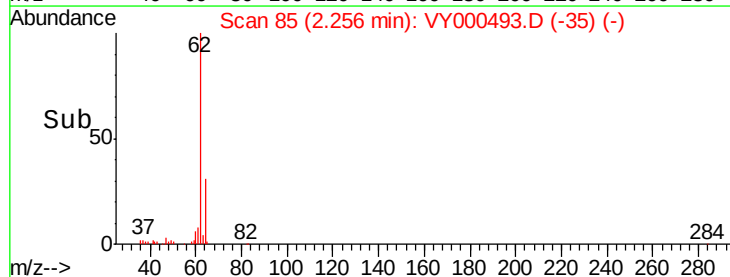
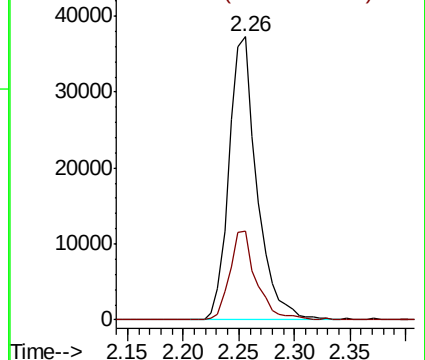
62 100

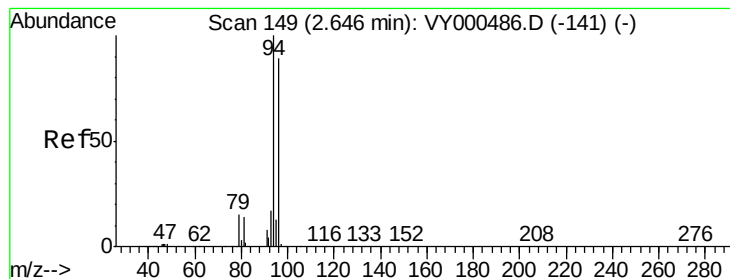
64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 22.203 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

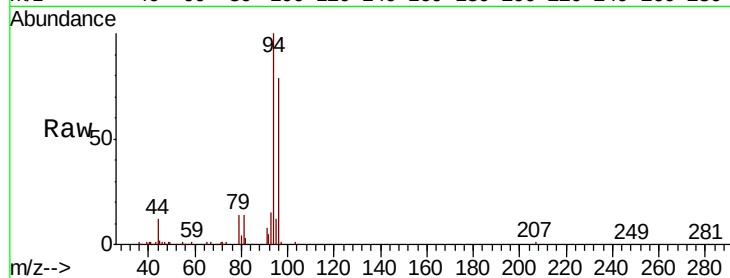
VY1030SBS01

Tot Ion: 94 Resp: 41656

Ion Ratio Lower Upper

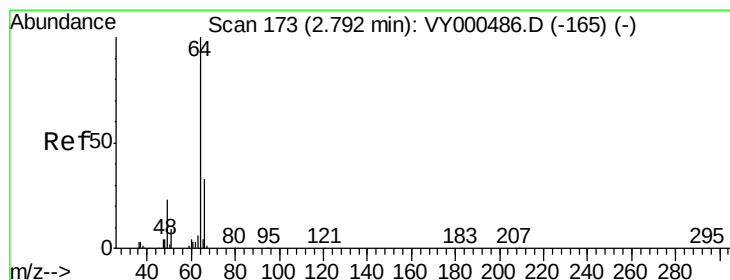
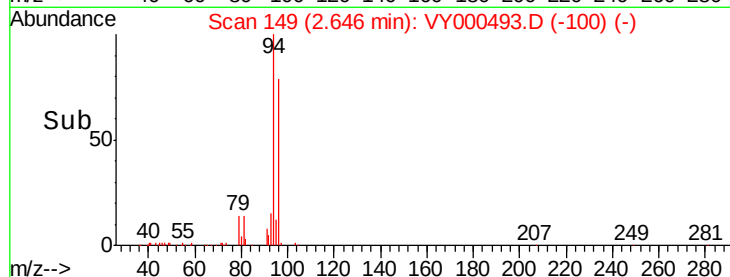
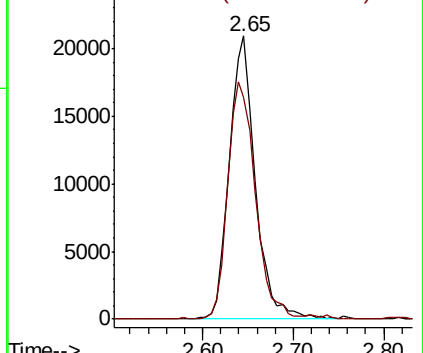
94 100

96 78.5 71.2 106.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.705 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000493.D

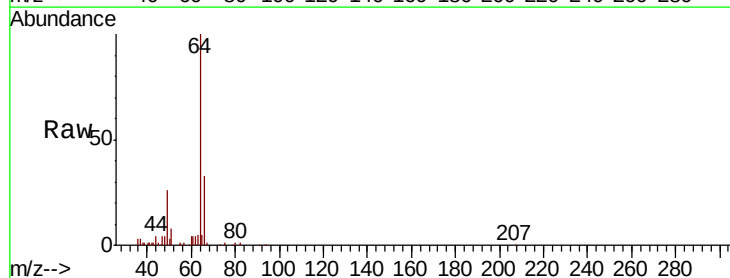
Acq: 30 Oct 2019 16:16

Tgt Ion: 64 Resp: 40542

Ion Ratio Lower Upper

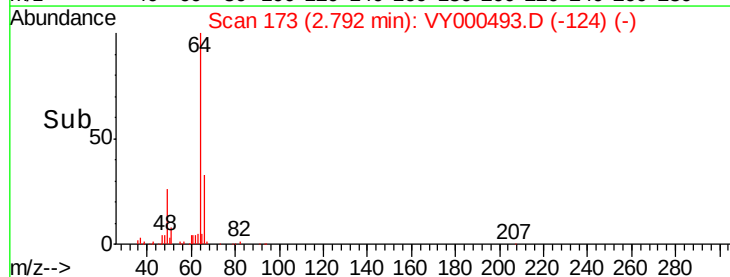
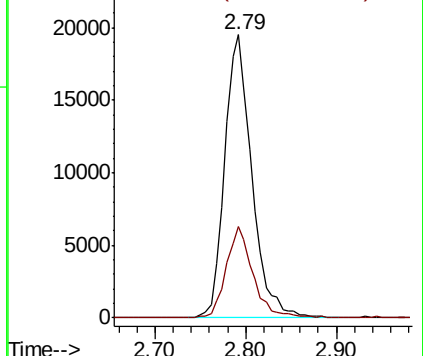
64 100

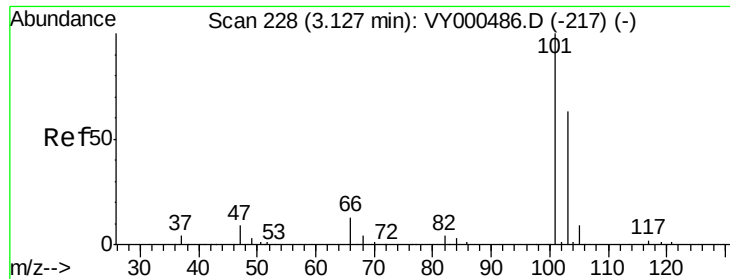
66 32.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



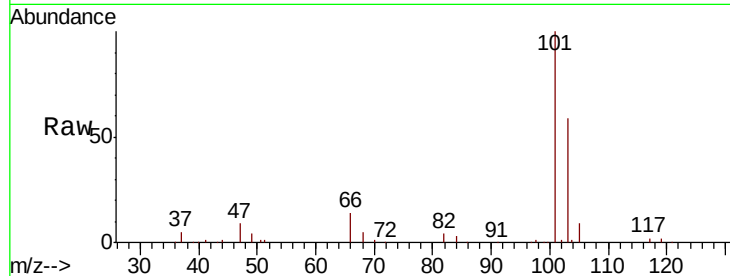


#7

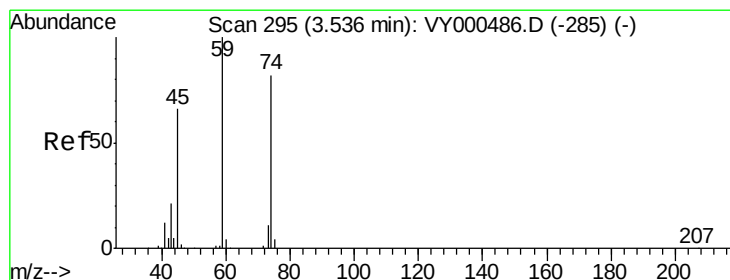
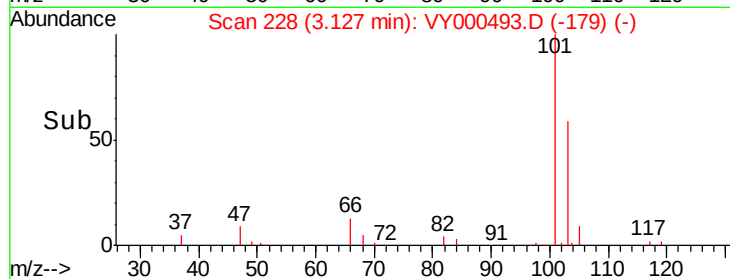
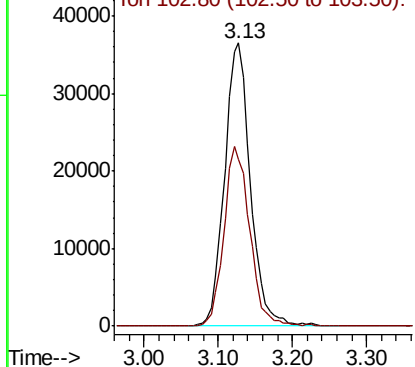
Trichlorofluoromethane
 Concen: 20.930 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tot Ion:101 Resp: 88435
 Ion Ratio Lower Upper
 101 100
 103 59.1 50.5 75.7



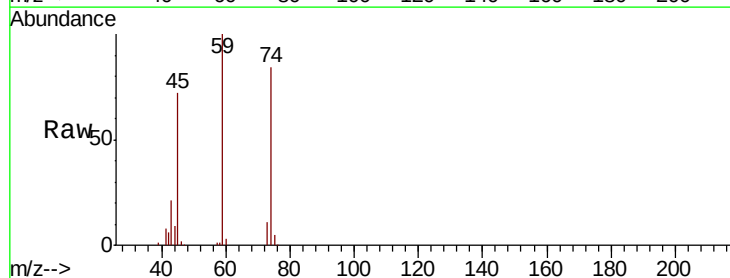
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



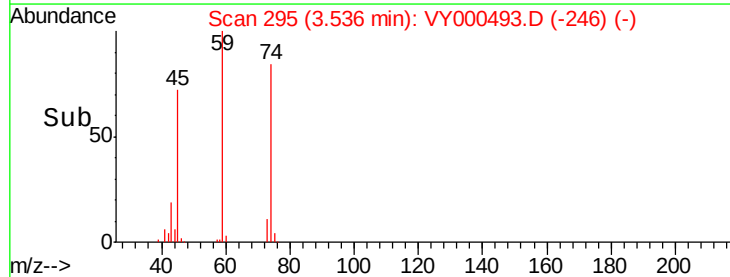
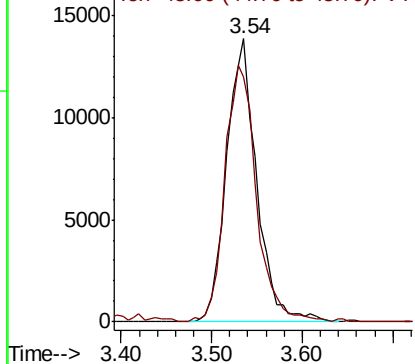
#8

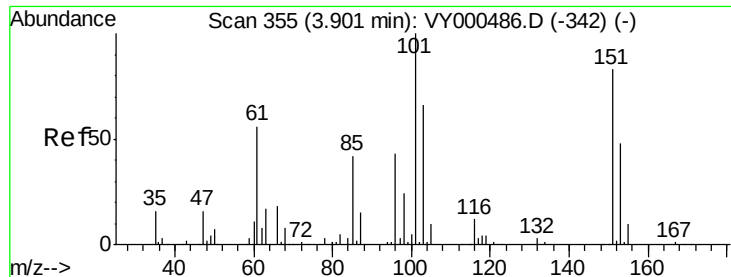
Diethyl Ether
 Concen: 21.327 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 74 Resp: 32019
 Ion Ratio Lower Upper
 74 100
 45 94.8 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY0
 Ion 45.00 (44.70 to 45.70): VY0

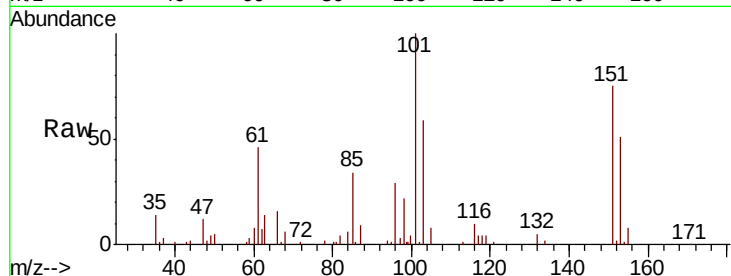




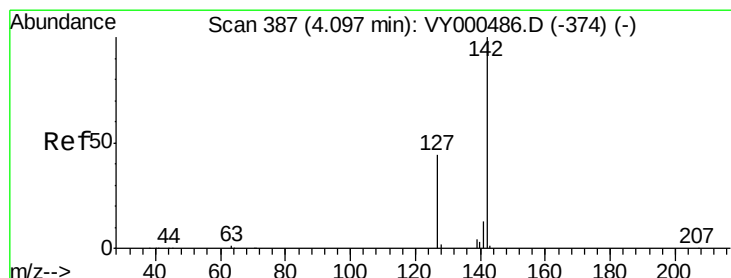
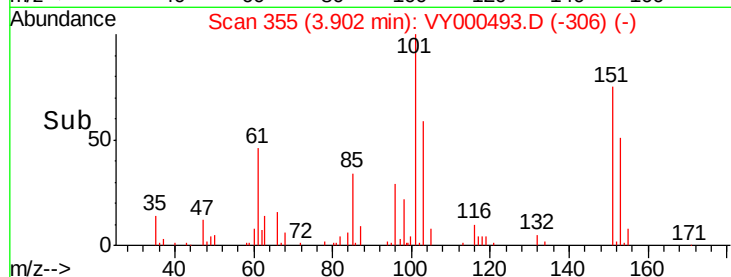
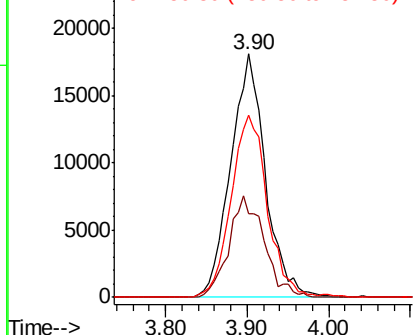
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.876 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Instrument :
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 ClientSampleId :
 VY1030SBS01

Tot Ion:101 Resp: 53325
 Ion Ratio Lower Upper
 101 100
 85 42.2 36.7 55.1
 151 78.1 64.3 96.5

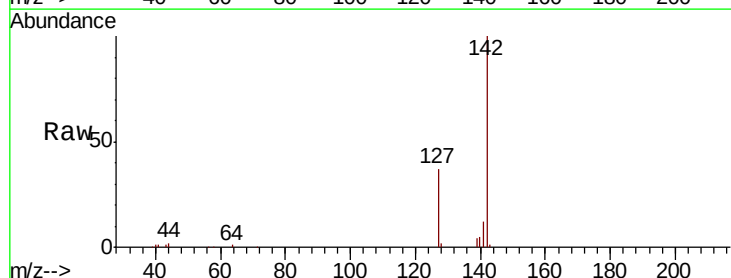


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

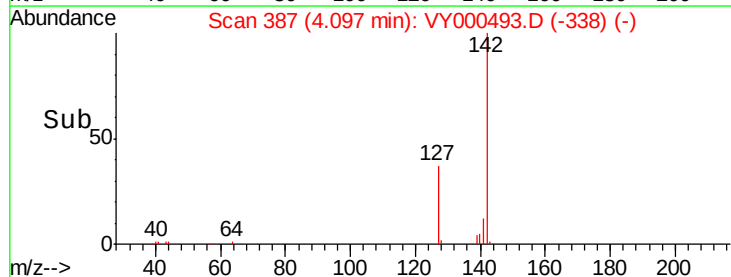
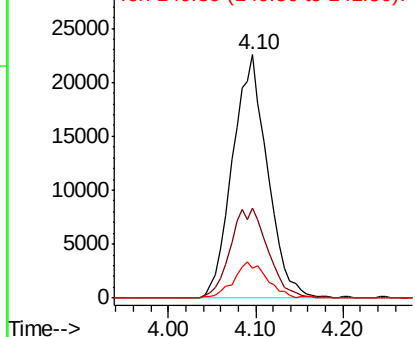


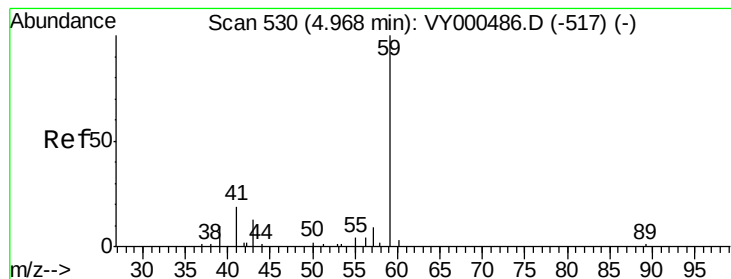
#10
 Methyl Iodide
 Concen: 20.568 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion:142 Resp: 62390
 Ion Ratio Lower Upper
 142 100
 127 39.7 33.7 50.5
 141 14.5 10.9 16.3



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



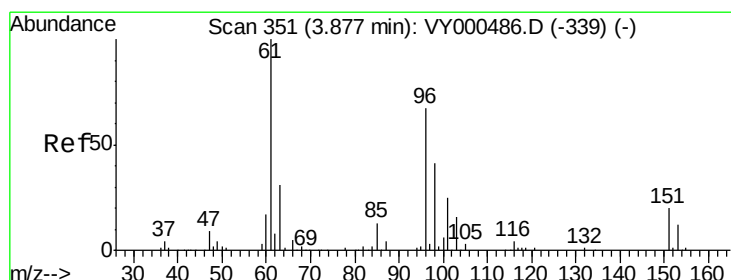
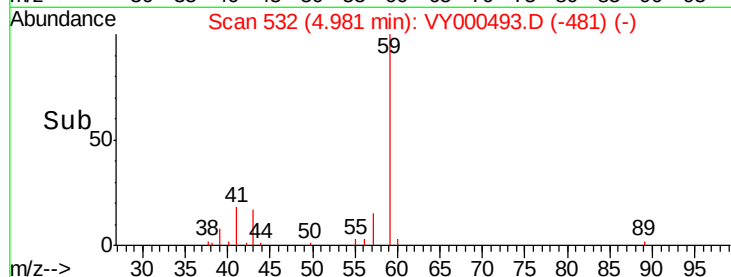
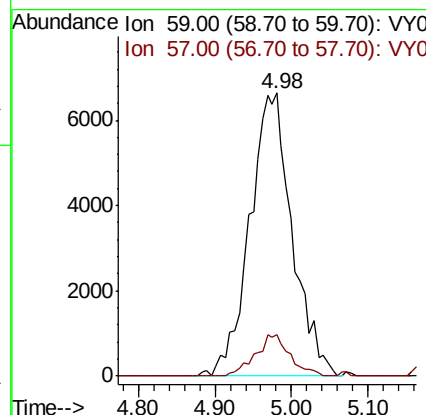
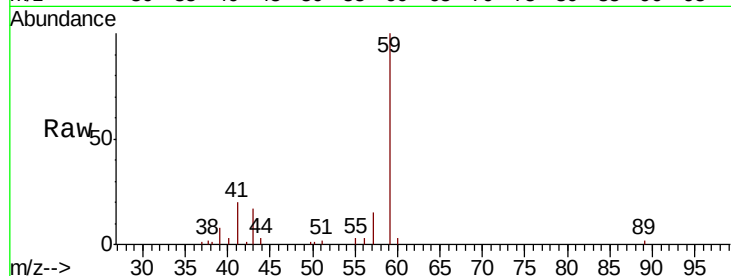


#11

Tert butyl alcohol
 Concen: 101.953 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

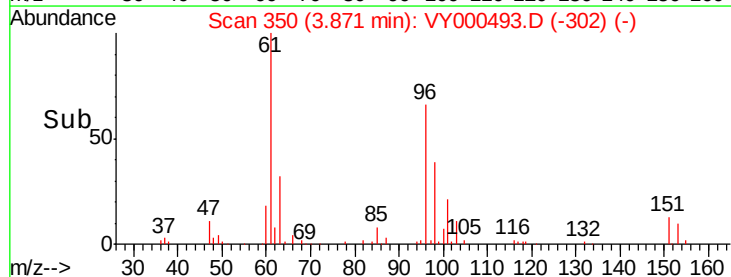
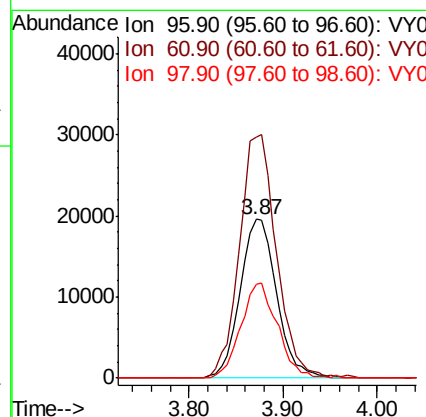
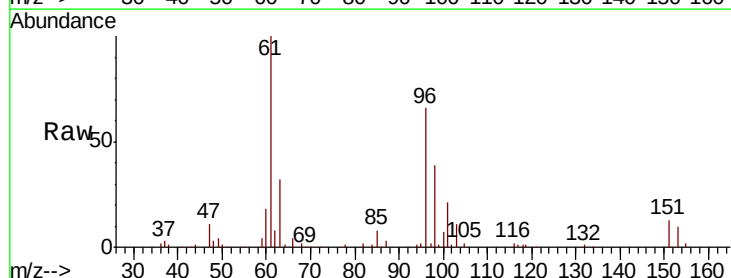
Tot Ion: 59 Resp: 25517
 Ion Ratio Lower Upper
 59 100
 57 12.0 8.6 12.8

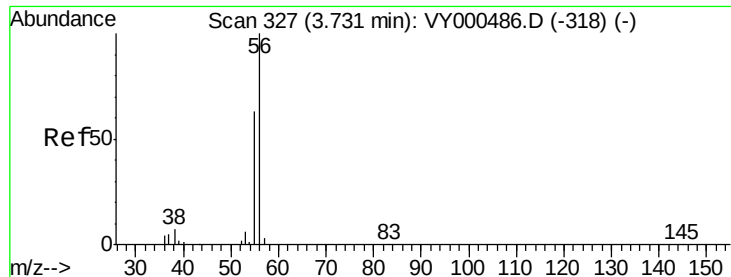


#12

1,1-Dichloroethene
 Concen: 21.294 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 96 Resp: 52846
 Ion Ratio Lower Upper
 96 100
 61 152.1 119.2 178.8
 98 59.0 48.6 73.0





#13

Acrolein

Concen: 96.872 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

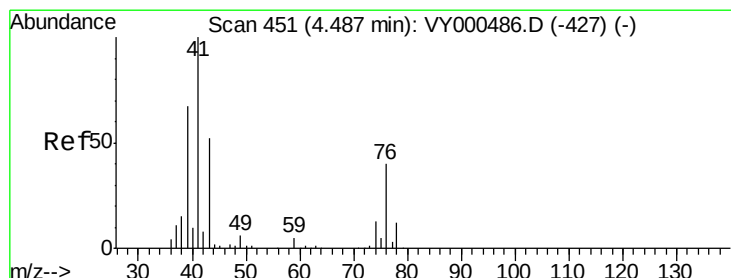
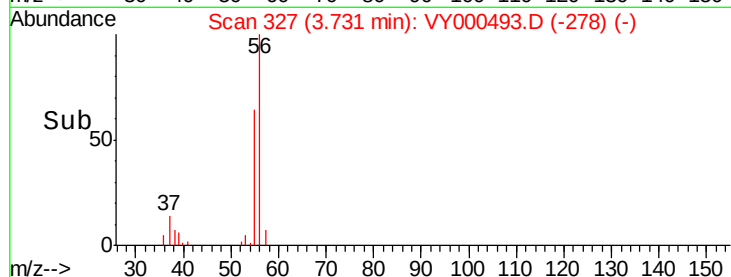
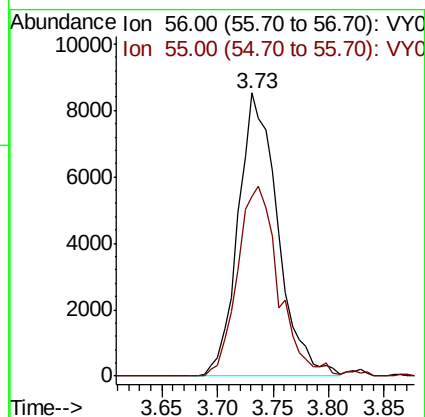
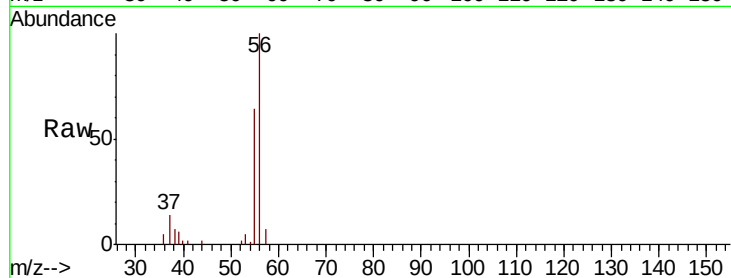
VY1030SBS01

Tot Ion: 56 Resp: 21119

Ion Ratio Lower Upper

56 100

55 69.5 57.0 85.6



#14

Allyl chloride

Concen: 21.247 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

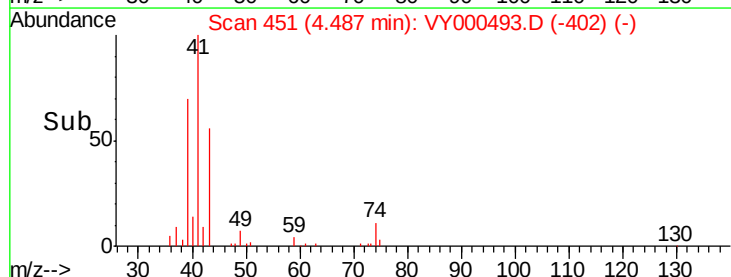
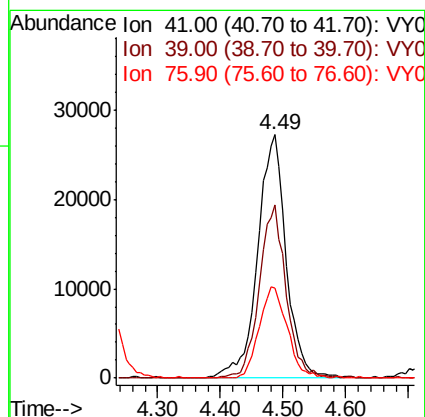
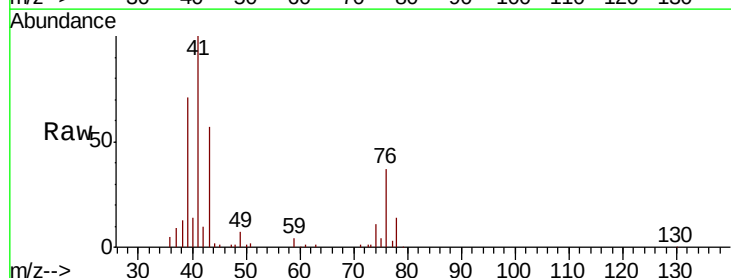
Tgt Ion: 41 Resp: 85742

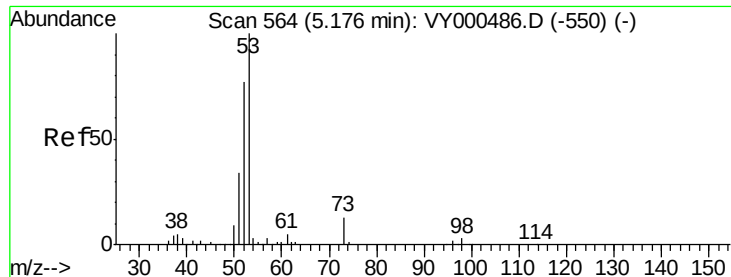
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 36.6 29.8 44.6





#15

Acrylonitrile

Concen: 104.737 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

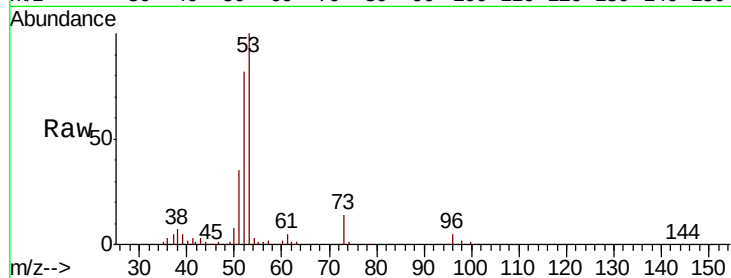
MSVOA_Y

ClientSampleId :

VY1030SBS01

Tot Ion: 53 Resp: 80550

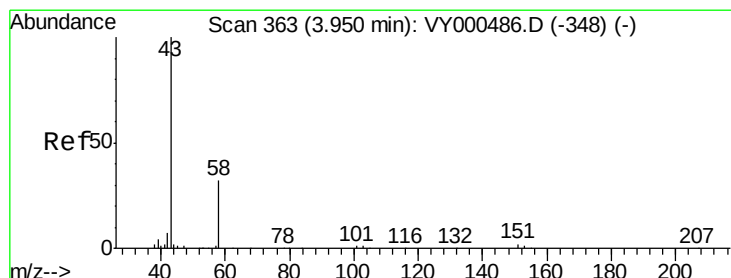
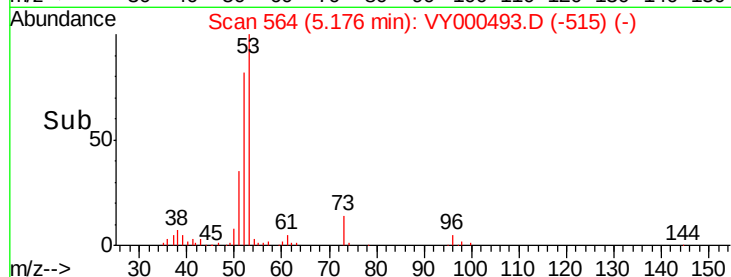
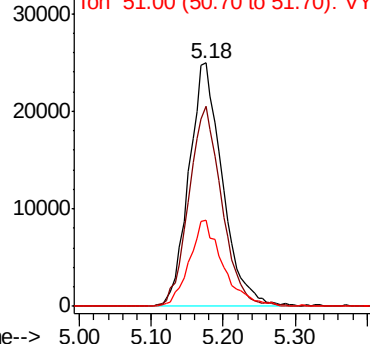
Ion	Ratio	Lower	Upper
53	100		
52	80.7	64.9	97.3
51	35.8	27.6	41.4



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: 96.355 ug/l

RT: 3.96 min Scan# 364

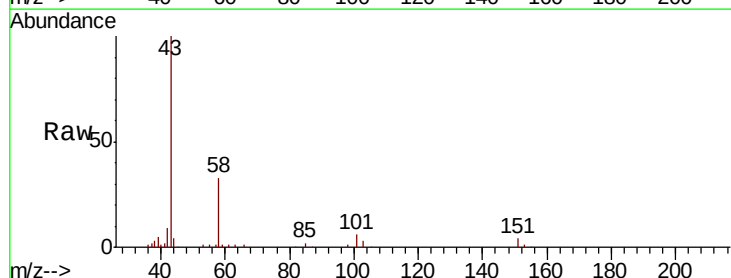
Delta R.T. 0.01 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

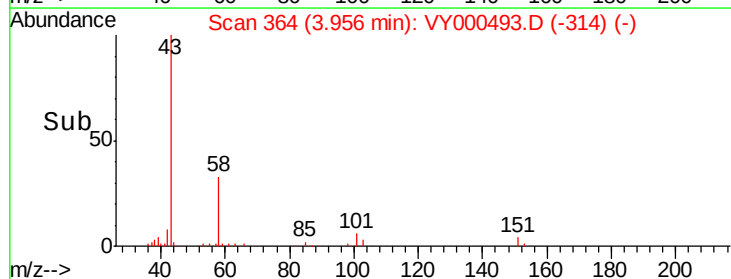
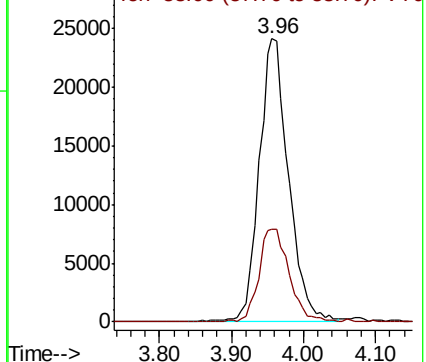
Tgt Ion: 43 Resp: 68280

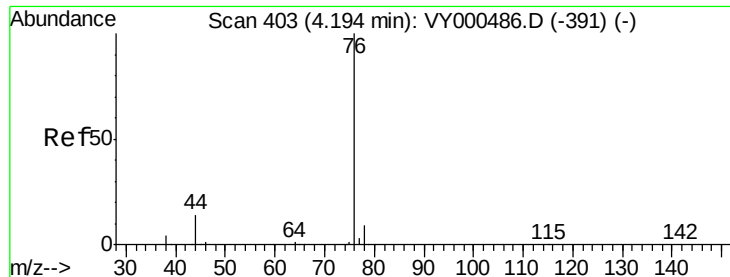
Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.8	38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

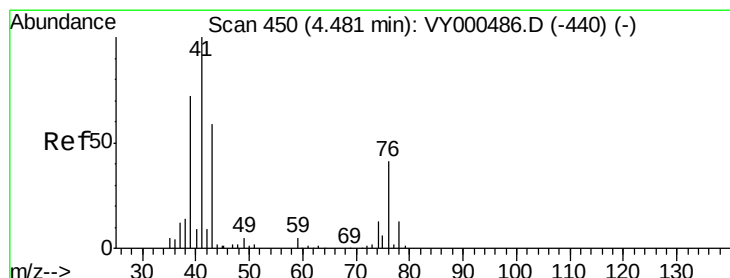
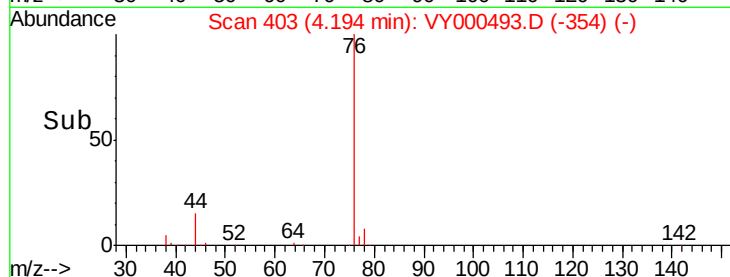
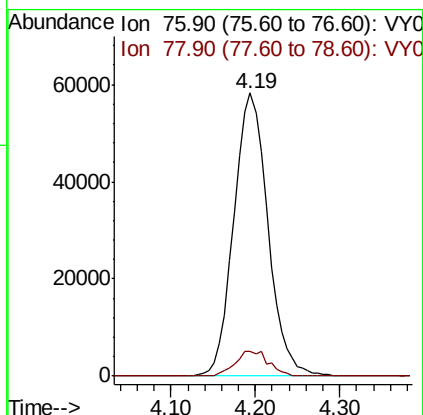
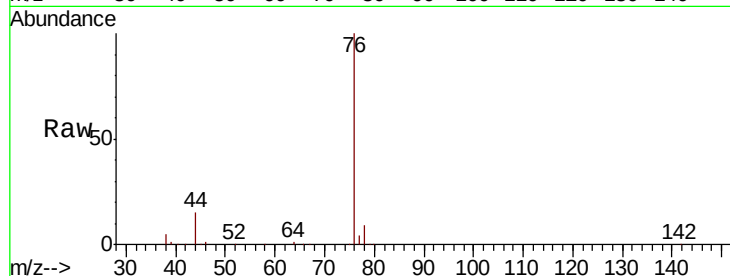




#17
Carbon Disulfide
Concen: 20.433 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

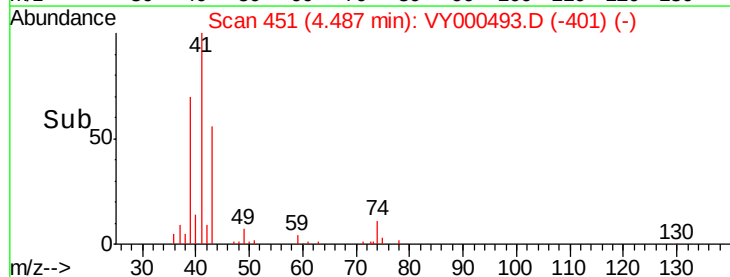
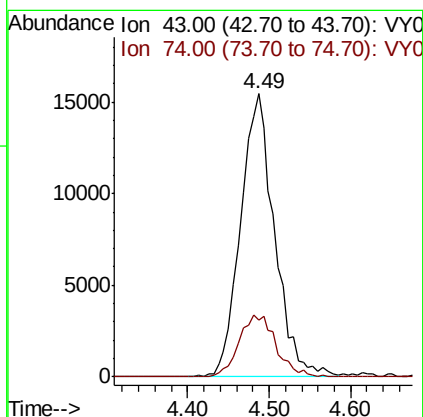
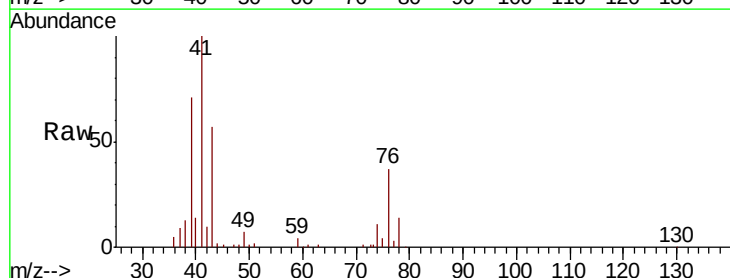
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

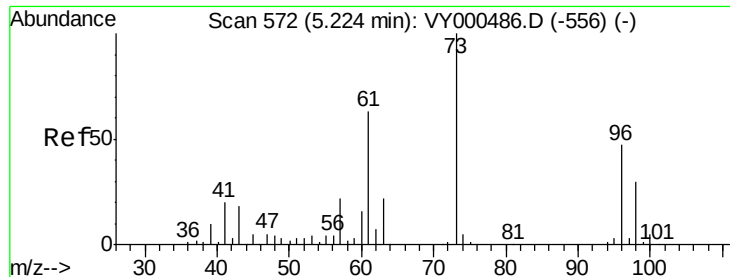
Tot Ion: 76 Resp: 159934
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 20.284 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 43 Resp: 44693
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8

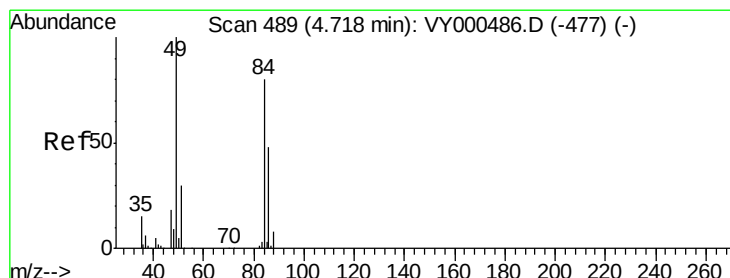
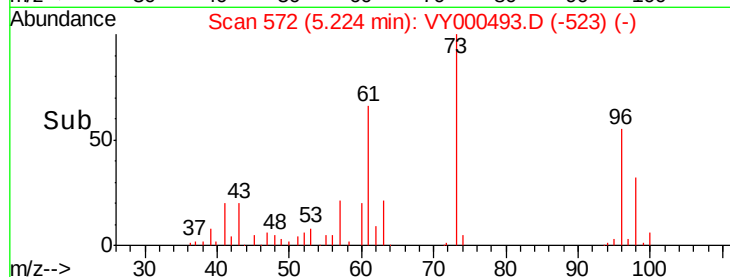
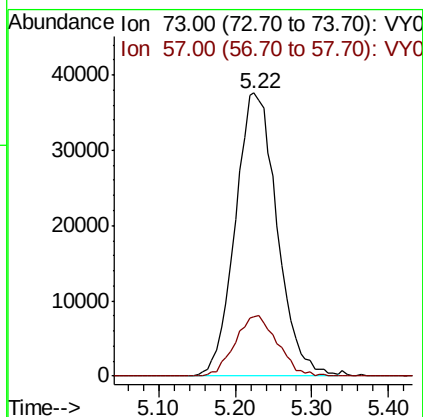
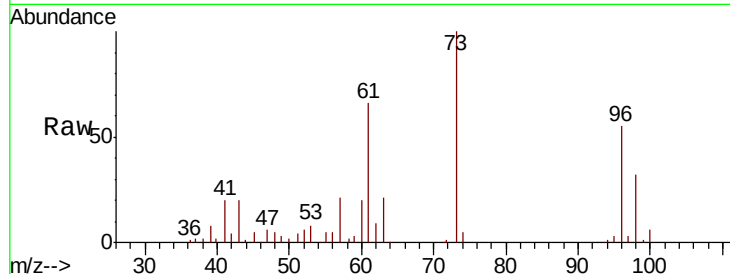




#19
Methyl tert-butyl Ether
Concen: 20.687 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

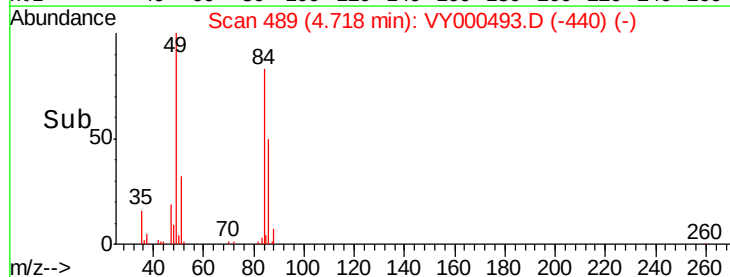
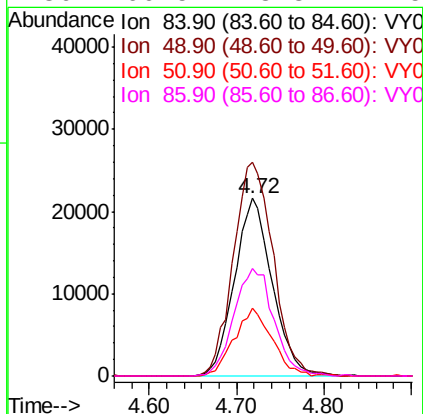
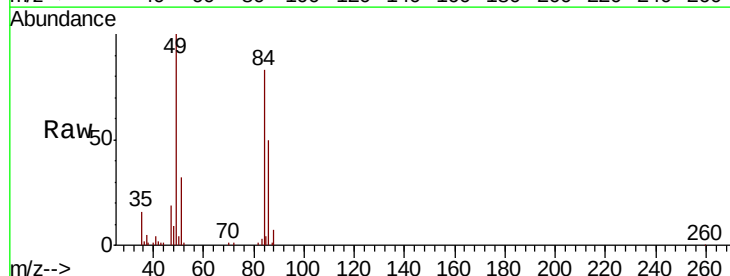
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

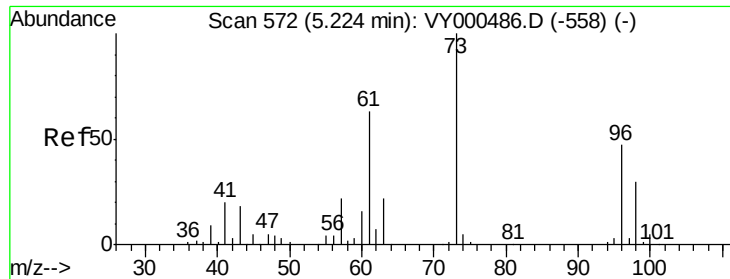
Tot Ion: 73 Resp: 142741
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 21.325 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 84 Resp: 64753
Ion Ratio Lower Upper
84 100
49 120.2 100.2 150.4
51 38.6 29.6 44.4
86 60.5 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 20.776 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

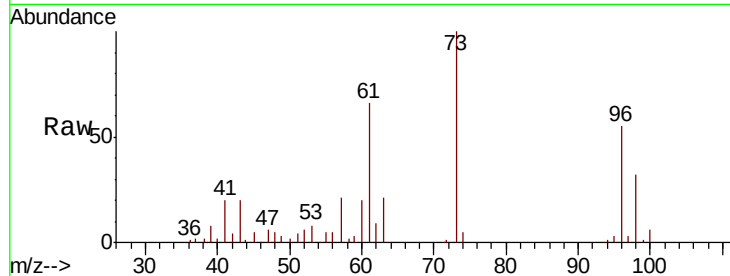
Tot Ion: 96 Resp: 58292

Ion Ratio Lower Upper

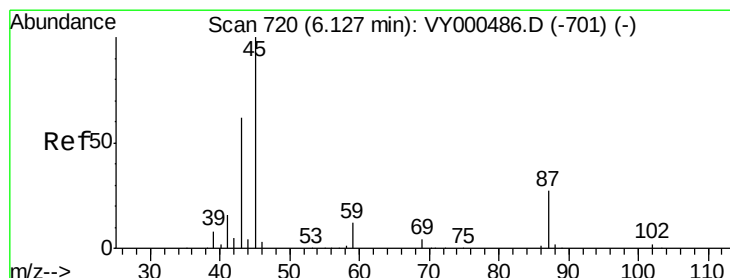
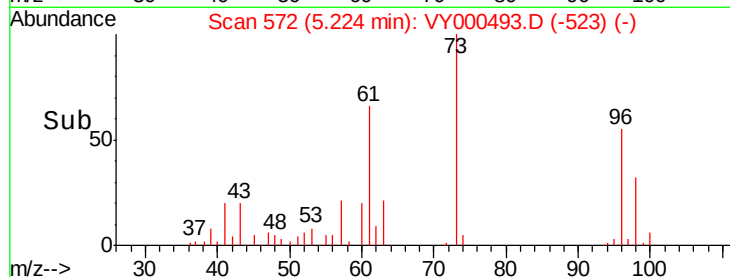
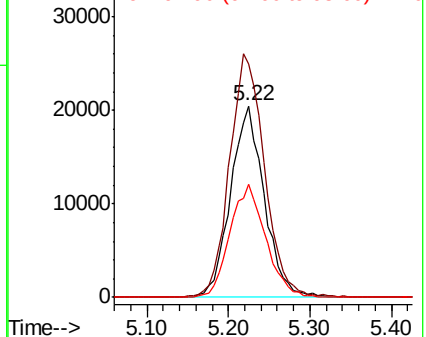
96 100

61 121.3 106.6 160.0

98 59.3 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: 20.192 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Tgt Ion: 45 Resp: 177106

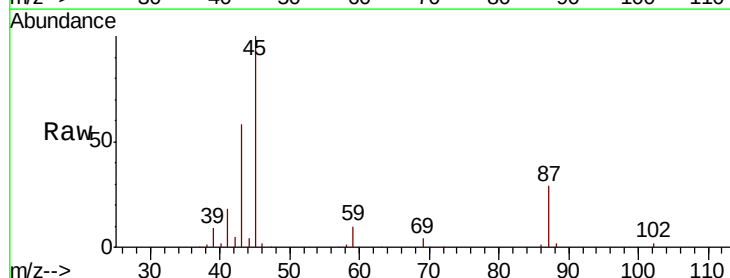
Ion Ratio Lower Upper

45 100

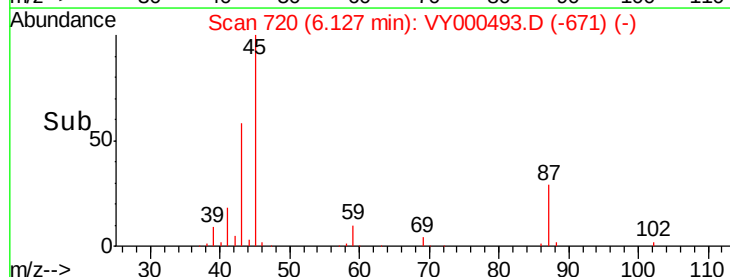
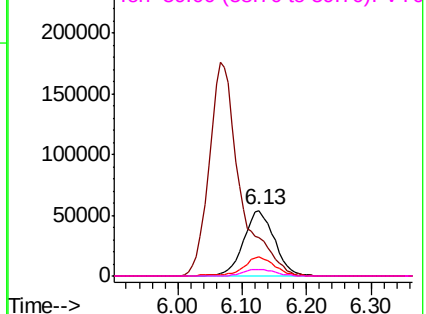
43 57.6 50.0 75.0

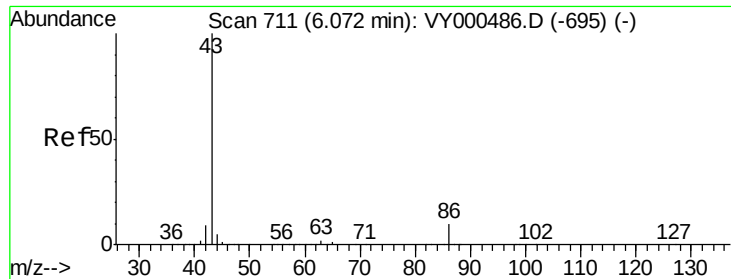
87 29.3 21.6 32.4

59 9.8 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: 106.080 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

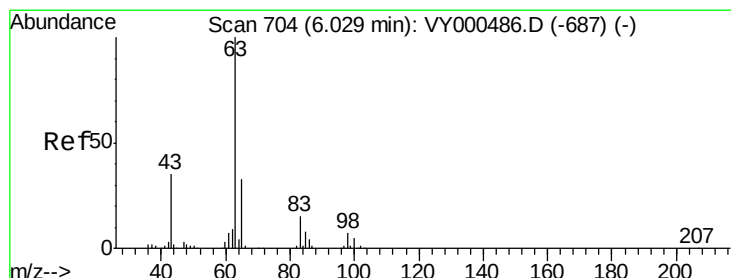
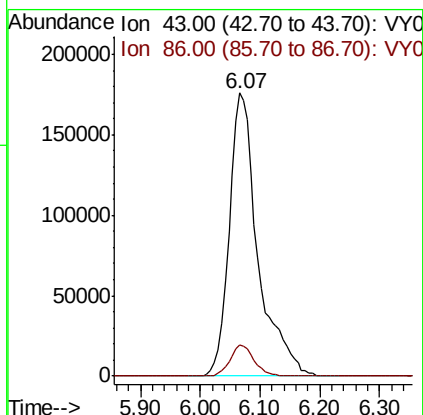
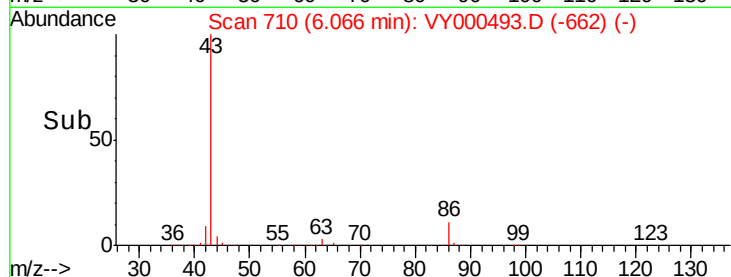
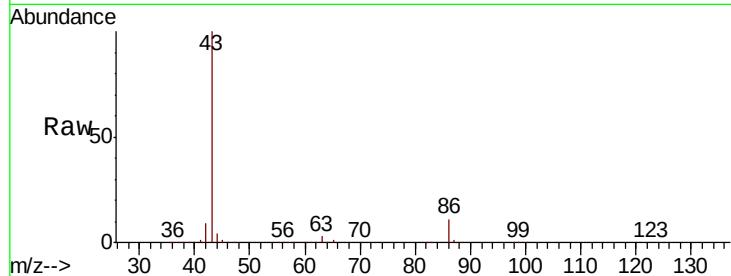
VY1030SBS01

Tot Ion: 43 Resp: 587348

Ion Ratio Lower Upper

43 100

86 11.0 7.8 11.6



#24

1,1-Dichloroethane

Concen: 20.794 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

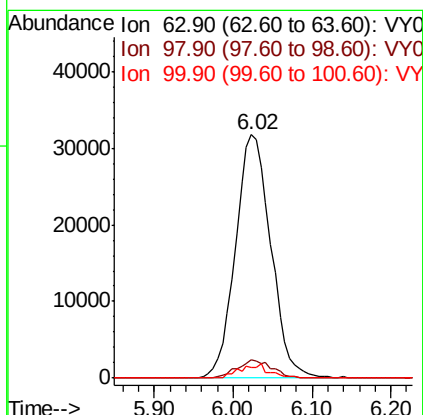
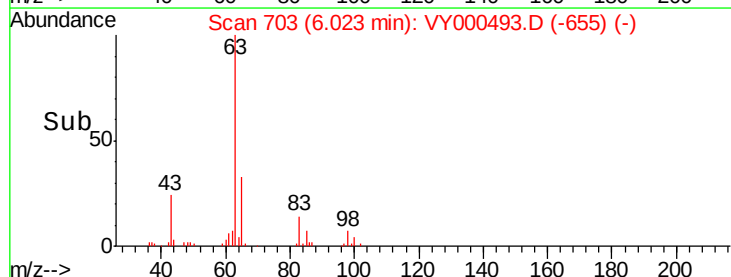
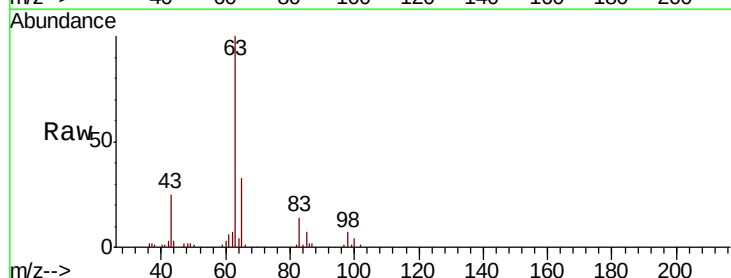
Tgt Ion: 63 Resp: 98806

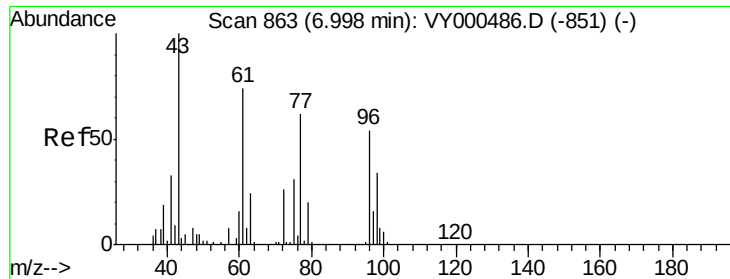
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.6

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 100.361 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

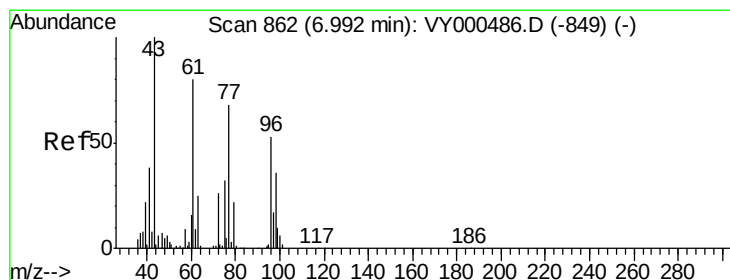
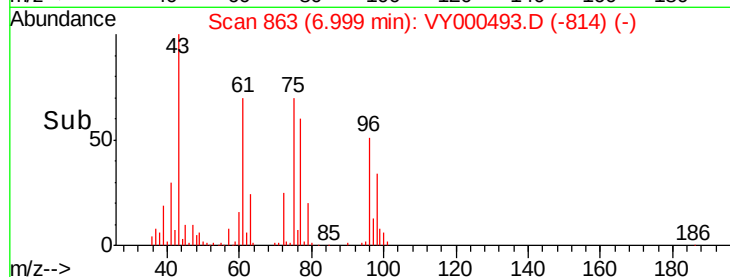
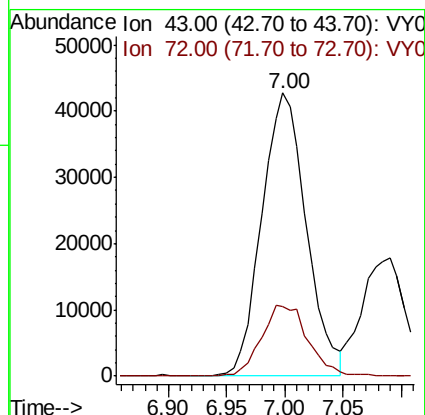
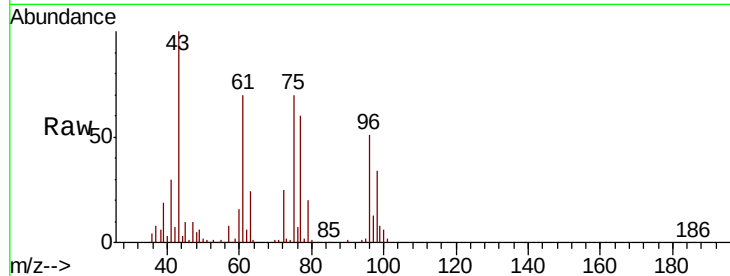
VY1030SBS01

Tot Ion: 43 Resp: 113501

Ion Ratio Lower Upper

43 100

72 24.8 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.024 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000493.D

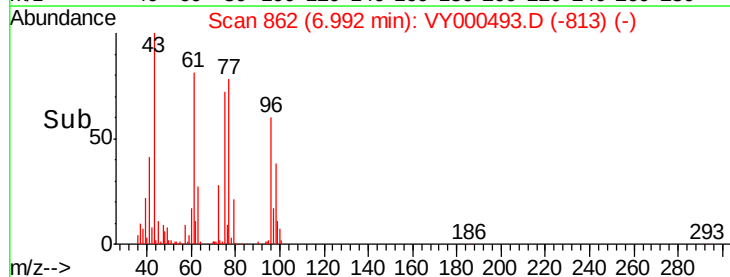
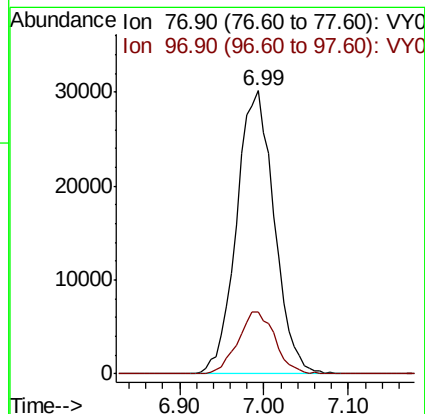
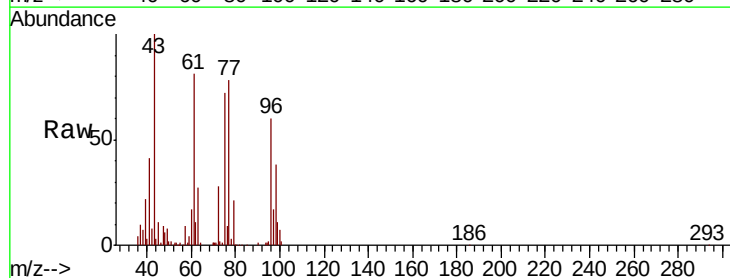
Acq: 30 Oct 2019 16:16

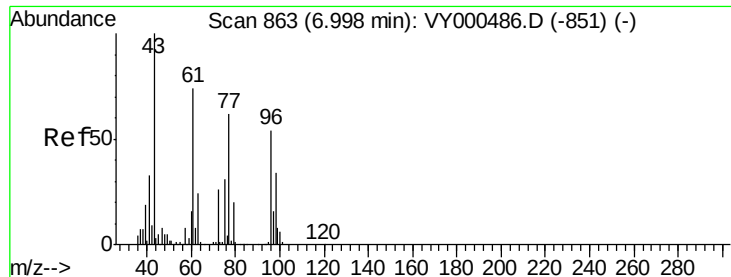
Tgt Ion: 77 Resp: 91297

Ion Ratio Lower Upper

77 100

97 21.5 11.8 35.4



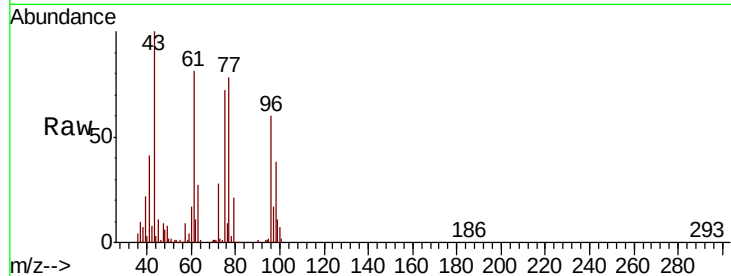


#27

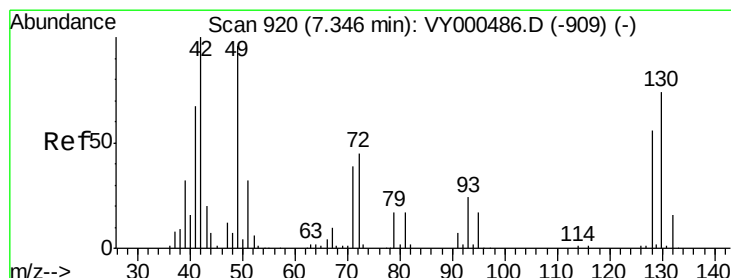
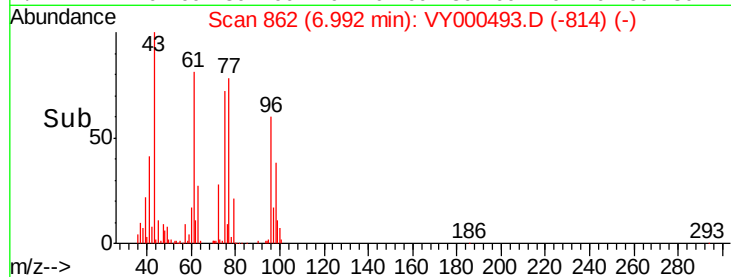
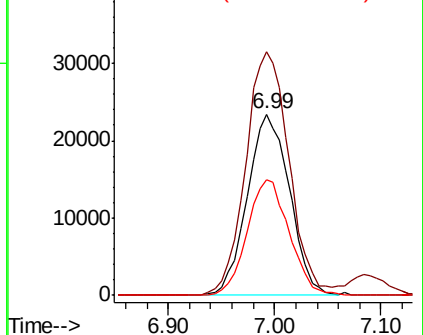
cis-1,2-Dichloroethene
 Concen: 21.258 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tot Ion: 96 Resp: 65219
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 287.0
 98 63.3 0.0 129.4



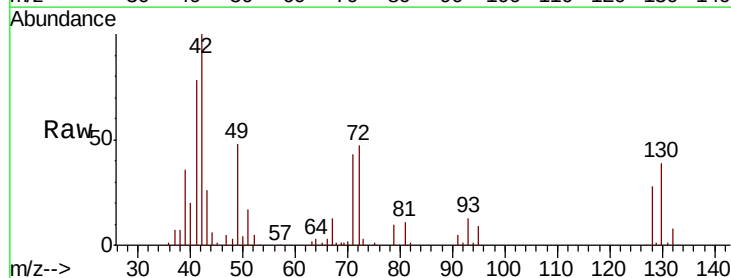
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



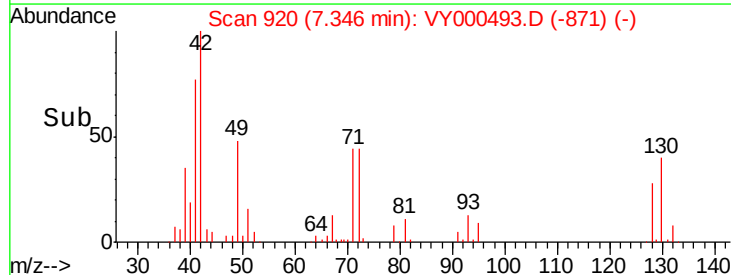
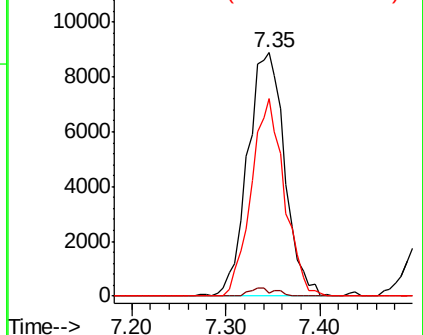
#28

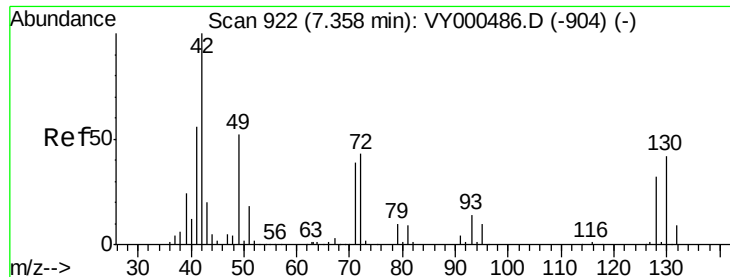
Bromochloromethane
 Concen: 14.485 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 49 Resp: 24529
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.6
 130 72.5 59.4 89.0



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

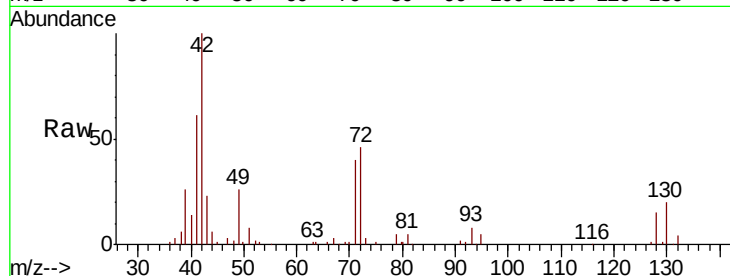




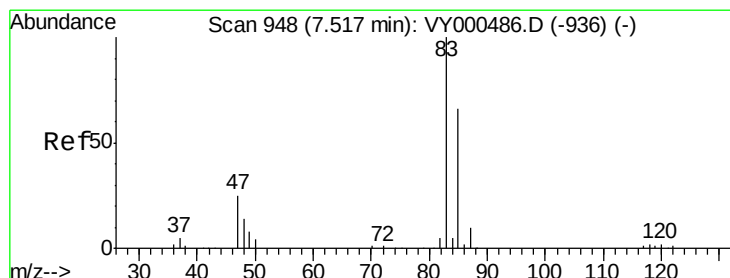
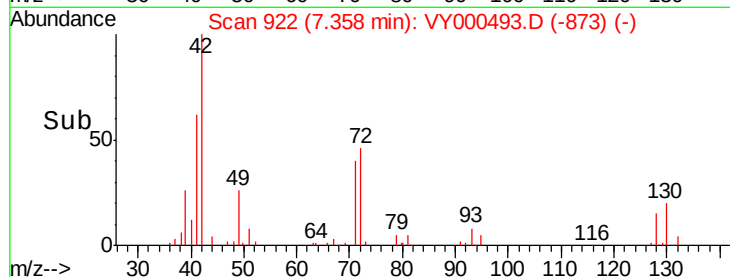
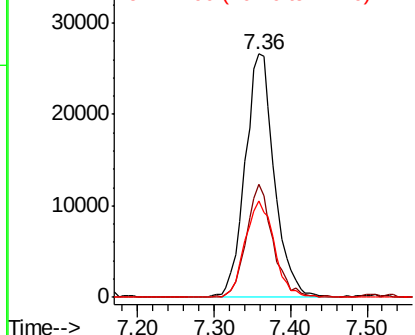
#29
Tetrahydrofuran
Concen: 102.070 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tot Ion: 42 Resp: 70618
Ion Ratio Lower Upper
42 100
72 42.5 34.0 51.0
71 39.5 30.8 46.2

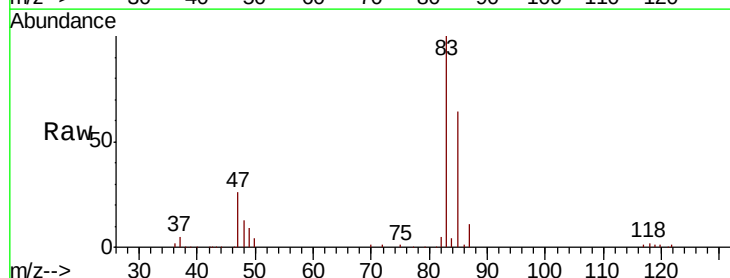


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

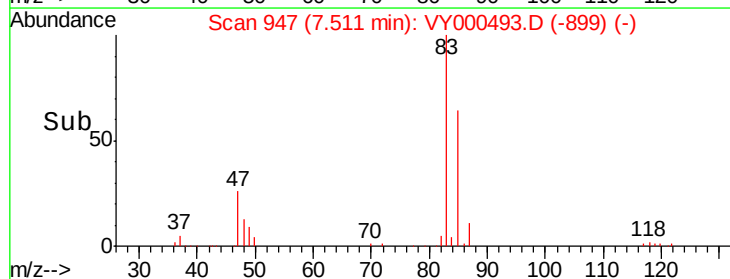
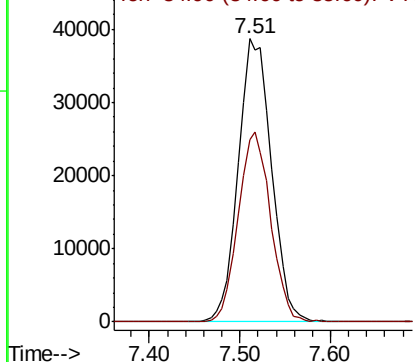


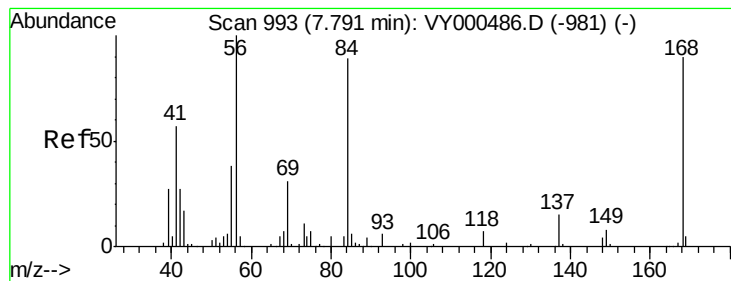
#30
Chloroform
Concen: 20.432 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 83 Resp: 98215
Ion Ratio Lower Upper
83 100
85 64.5 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: 19.887 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

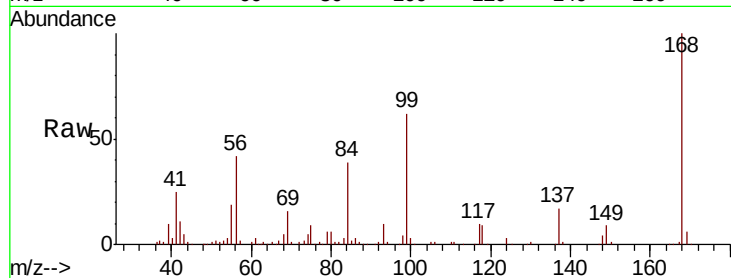
Tot Ion: 56 Resp: 98977

Ion Ratio Lower Upper

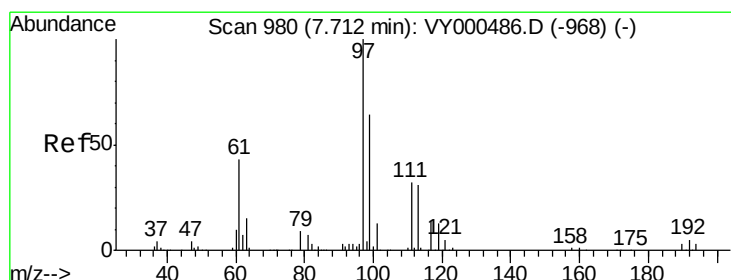
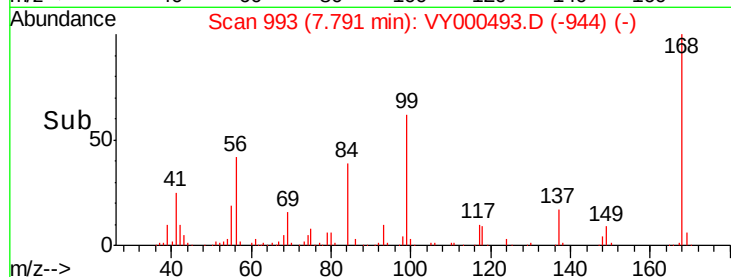
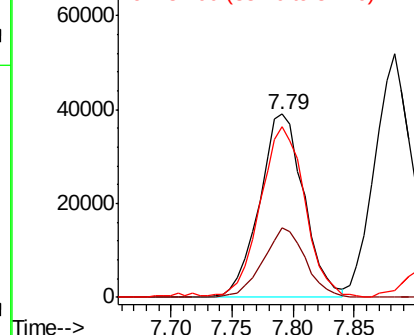
56 100

69 37.9 25.0 37.6#

84 91.3 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 20.749 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

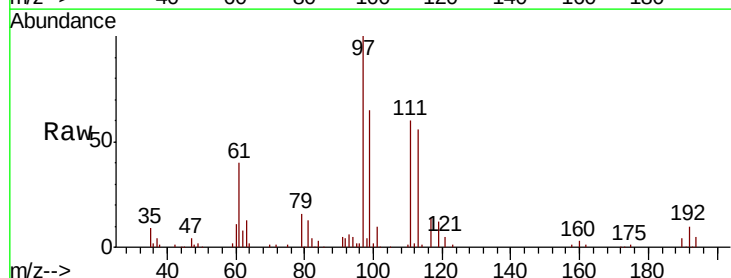
Tgt Ion: 97 Resp: 88889

Ion Ratio Lower Upper

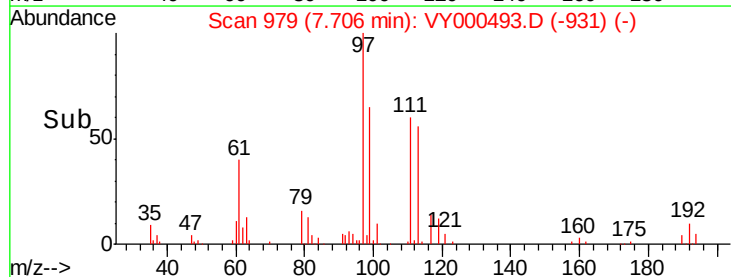
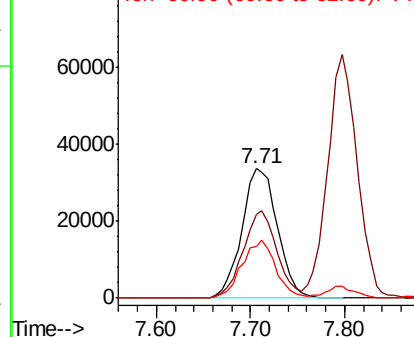
97 100

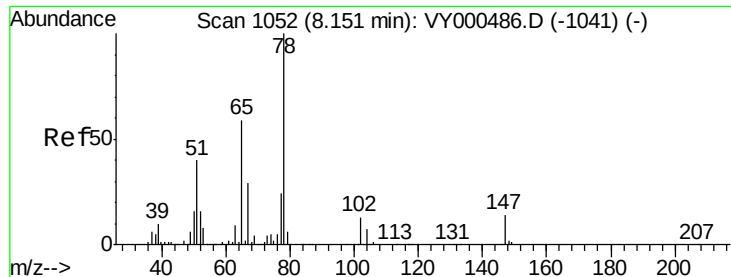
99 64.4 50.9 76.3

61 42.5 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

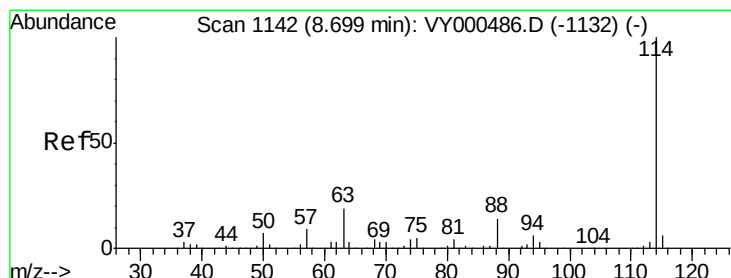
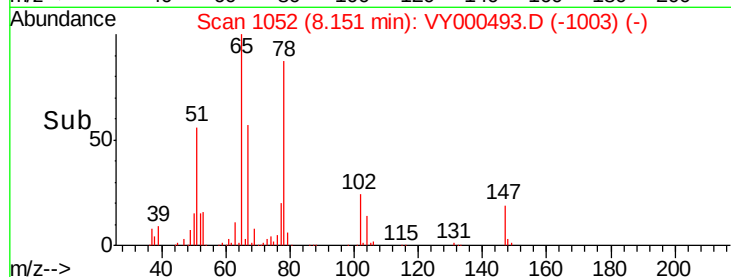
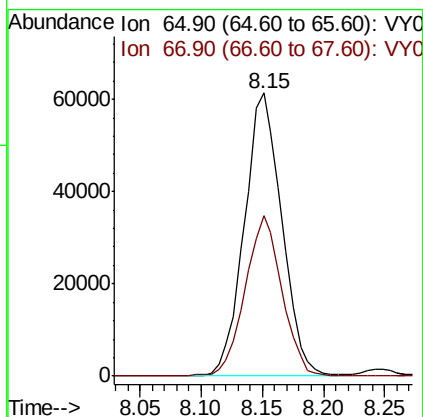
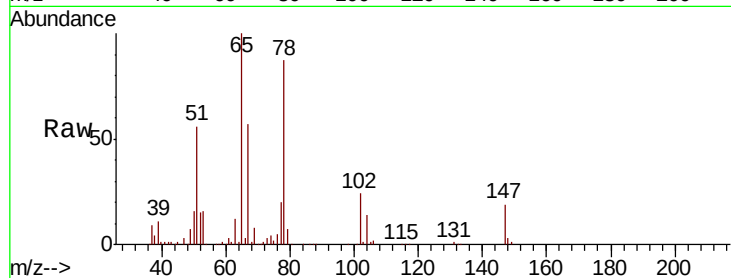




#33
 1,2-Dichloroethane-d4
 Concen: 50.922 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

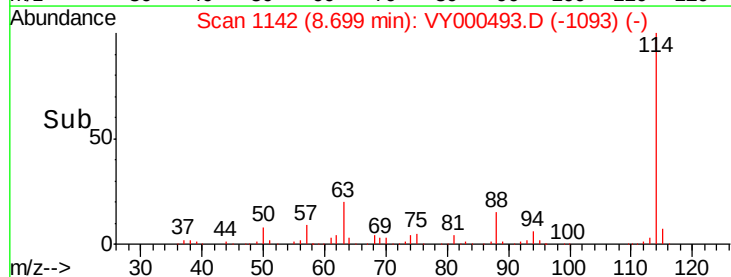
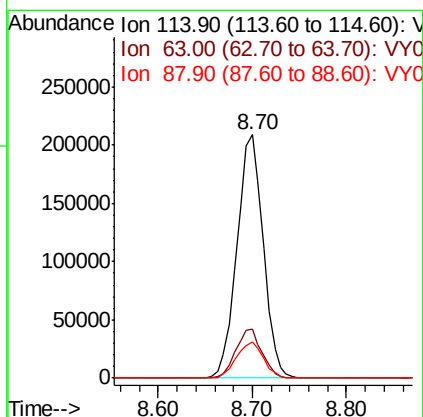
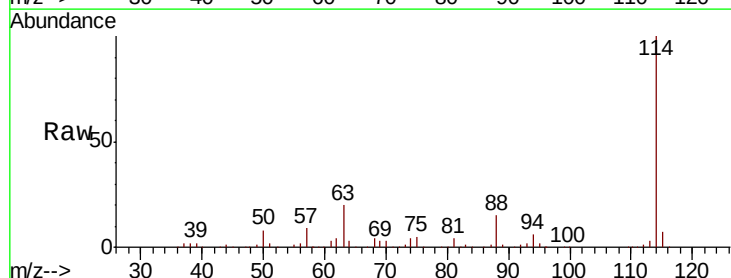
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

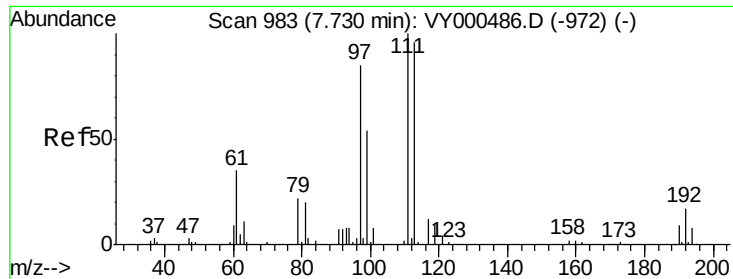
Tot Ion: 65 Resp: 130926
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 114 Resp: 403529
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.6 0.0 28.6

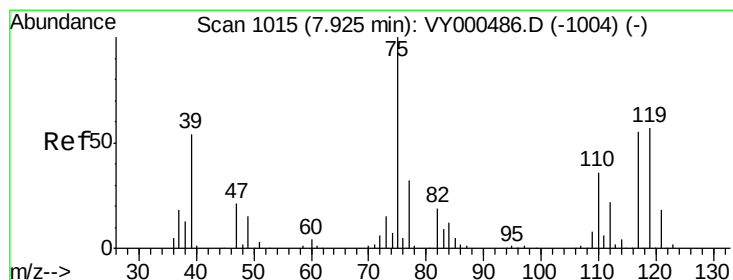
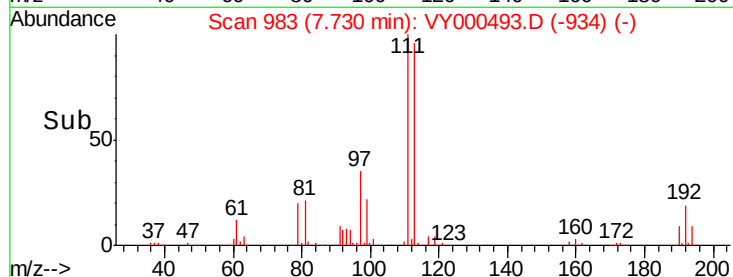
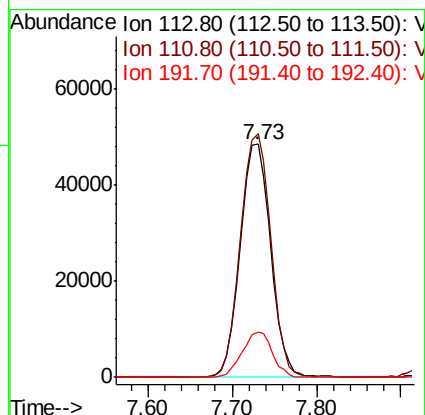
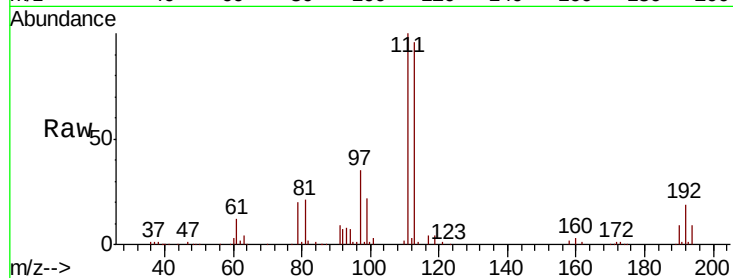




#35
 Dibromofluoromethane
 Concen: 49.966 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

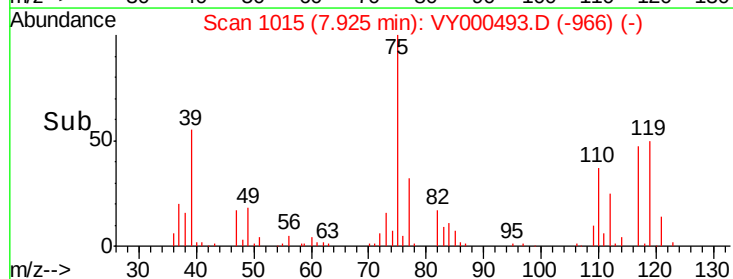
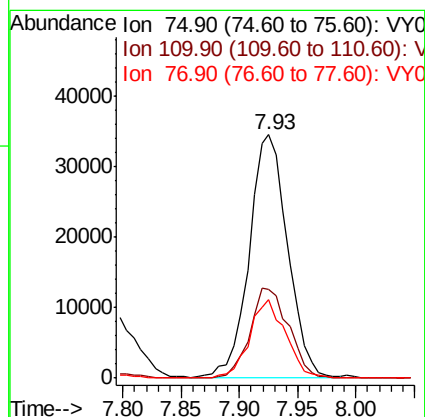
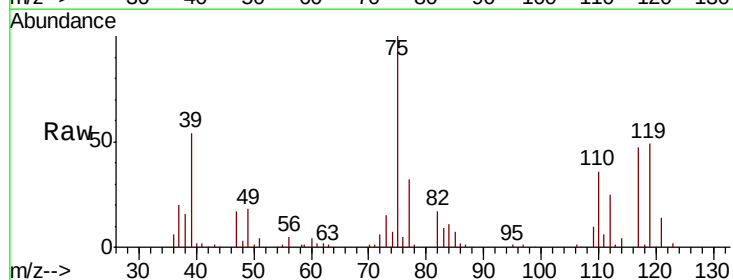
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

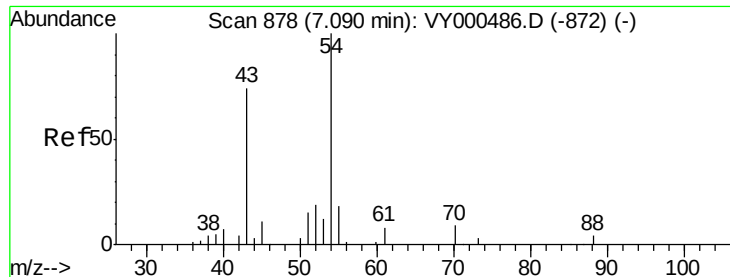
Tot Ion:113 Resp: 118368
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.7 122.5
 192 19.2 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 20.773 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 75 Resp: 79245
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.1
 77 30.2 25.0 37.6

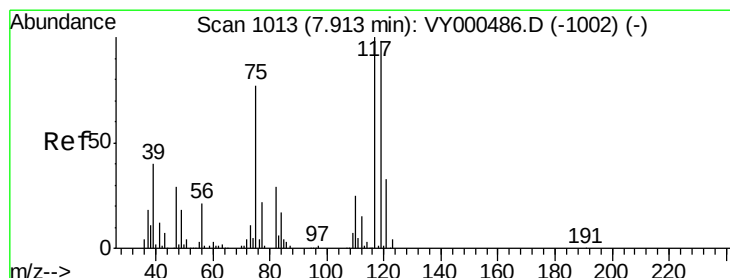
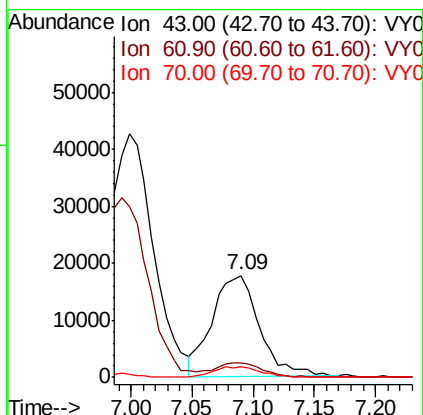
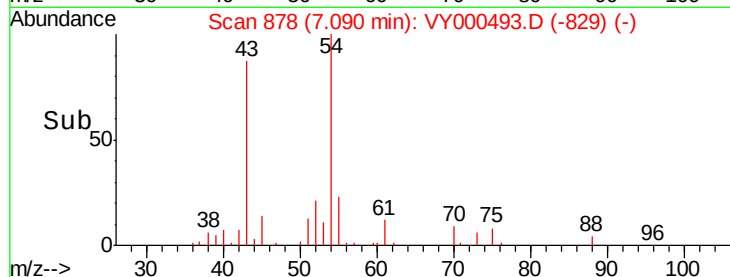
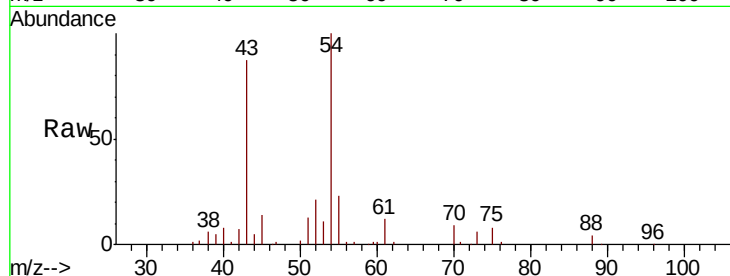




#37
Ethyl Acetate
Concen: 21.159 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

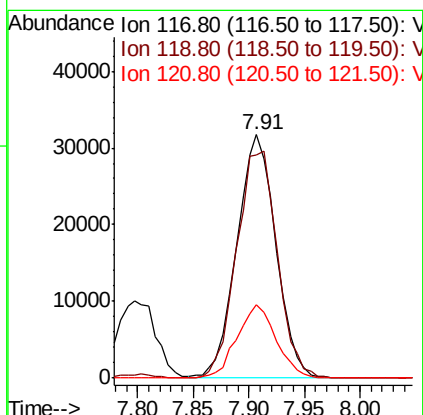
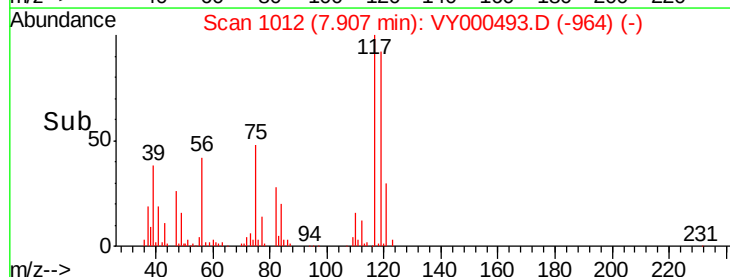
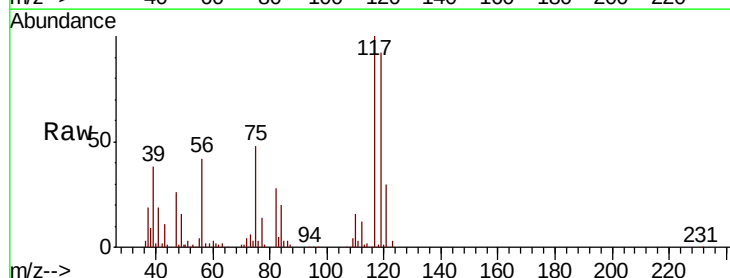
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

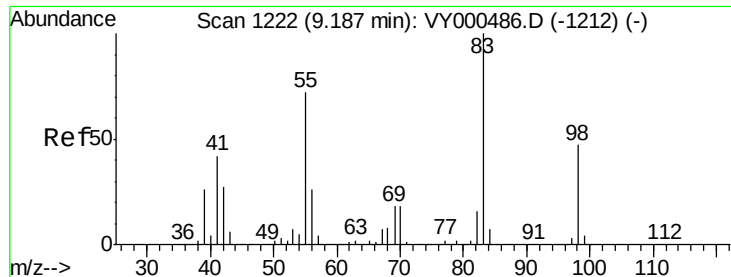
Tot Ion: 43 Resp: 47921
Ion Ratio Lower Upper
43 100
61 14.6 10.2 15.2
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.137 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 117 Resp: 77588
Ion Ratio Lower Upper
117 100
119 91.7 78.0 117.0
121 29.9 26.6 40.0

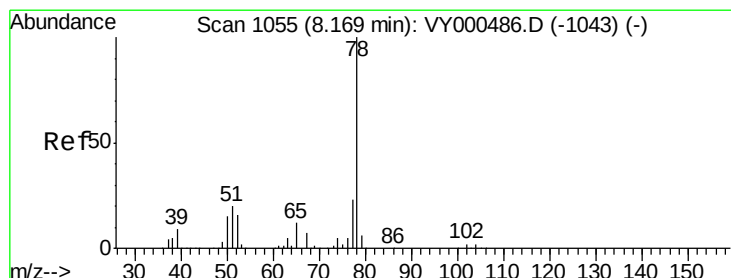
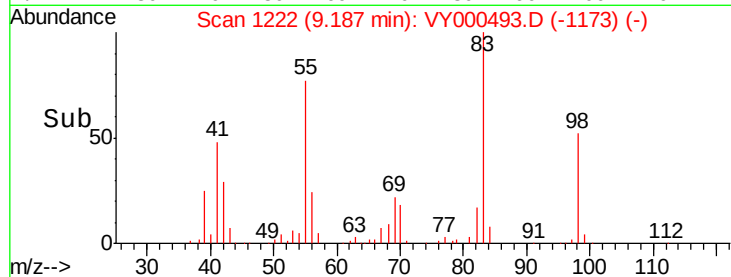
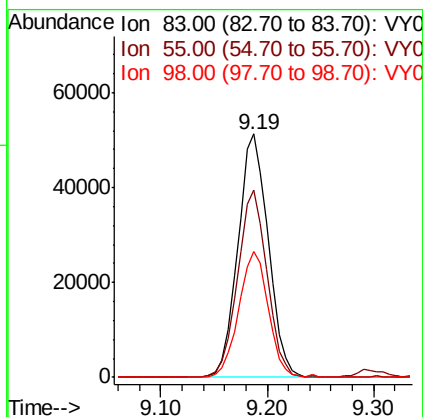
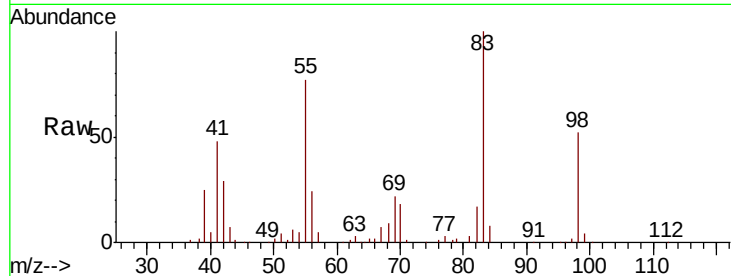




#39
Methylvlcyclohexane
Concen: 20.871 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

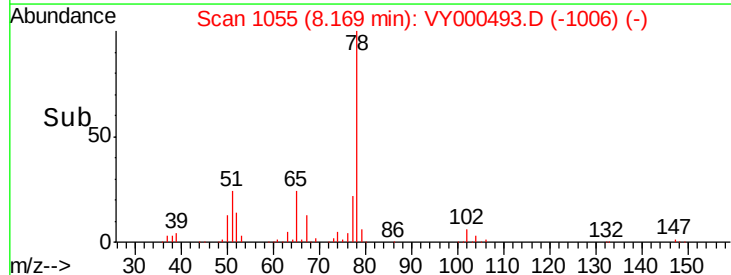
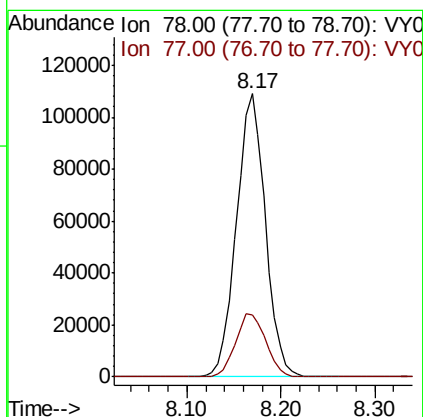
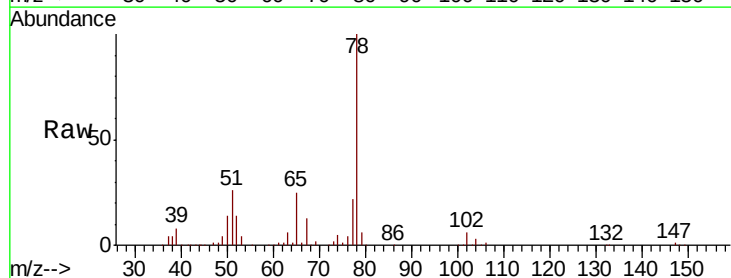
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

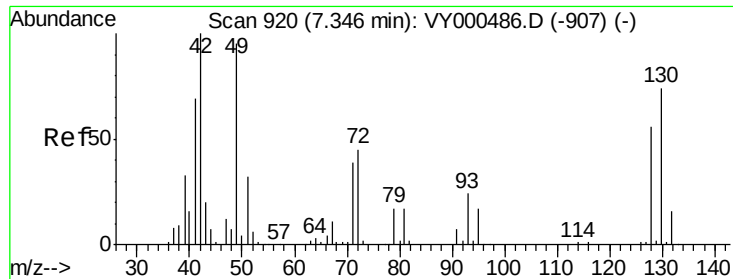
Tot Ion: 83 Resp: 102859
Ion Ratio Lower Upper
83 100
55 76.7 57.5 86.3
98 51.8 38.0 57.0



#40
Benzene
Concen: 20.846 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 78 Resp: 233138
Ion Ratio Lower Upper
78 100
77 21.9 18.6 28.0

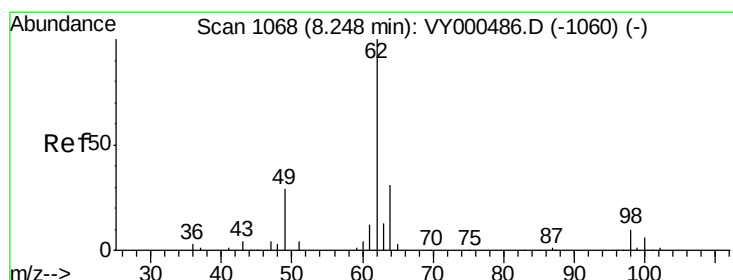
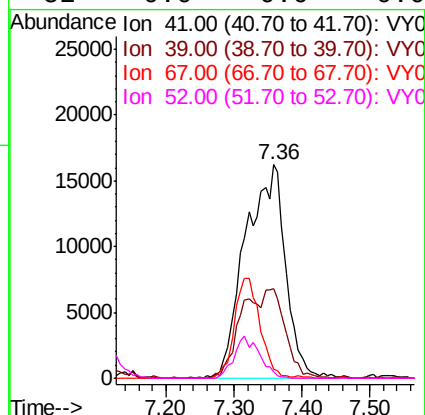
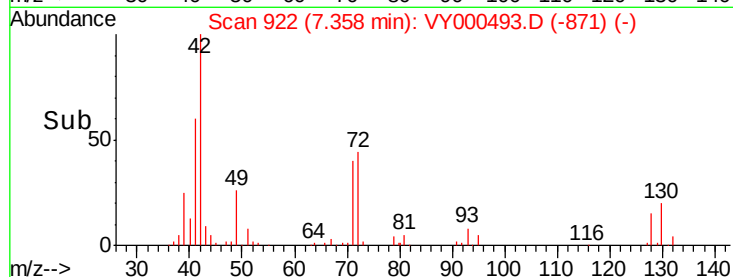
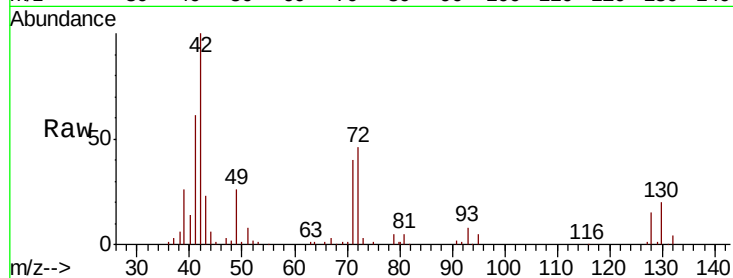




#41
Methacrylonitrile
Concen: 52.673 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

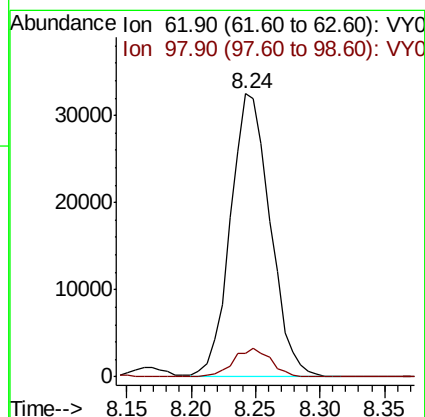
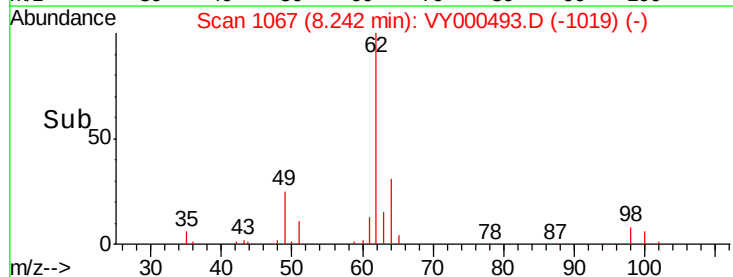
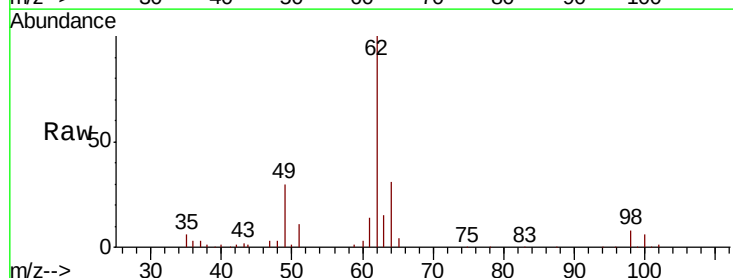
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

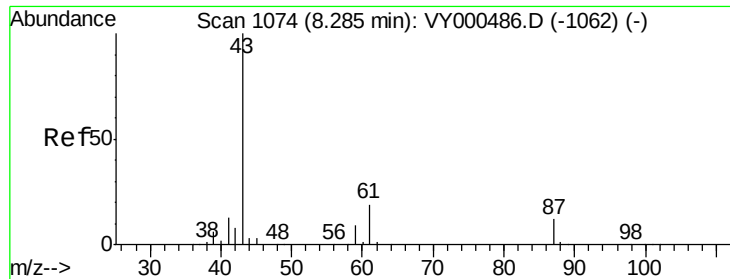
Tot Ion: 41 Resp: 66551
Ion Ratio Lower Upper
41 100
39 22.4 68.2 102.4#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.976 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 62 Resp: 69710
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2





#43

Isopropyl Acetate

Concen: 20.768 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

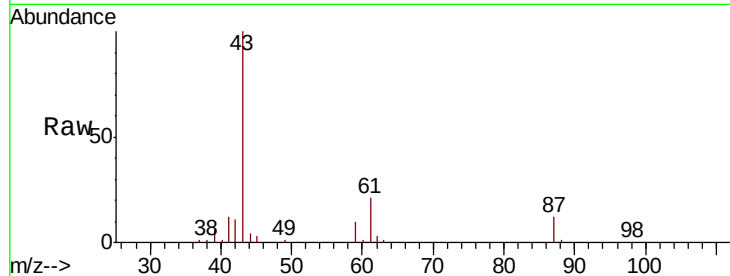
Tot Ion: 43 Resp: 88359

Ion Ratio Lower Upper

43 100

61 29.1 23.0 34.4

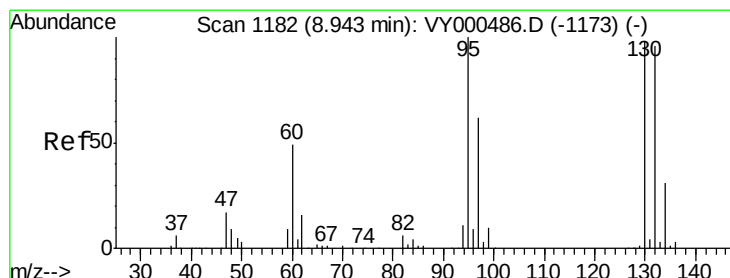
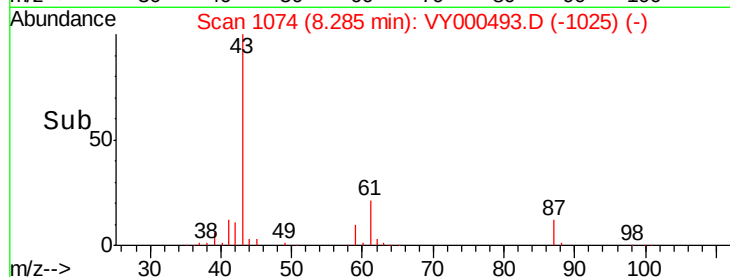
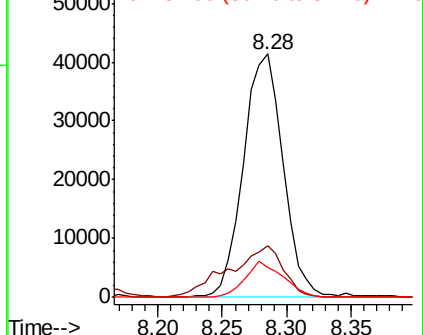
87 14.2 10.5 15.7



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: 21.552 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000493.D

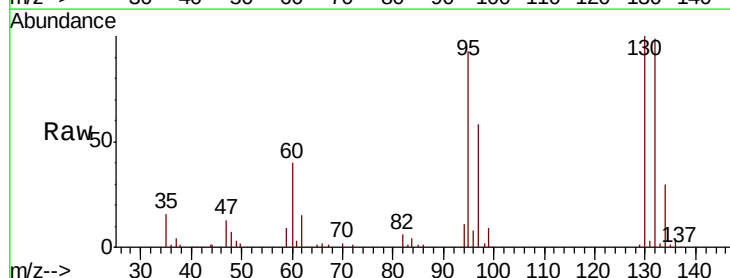
Acq: 30 Oct 2019 16:16

Tgt Ion:130 Resp: 63554

Ion Ratio Lower Upper

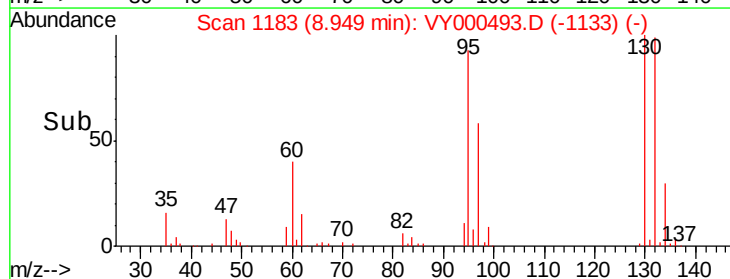
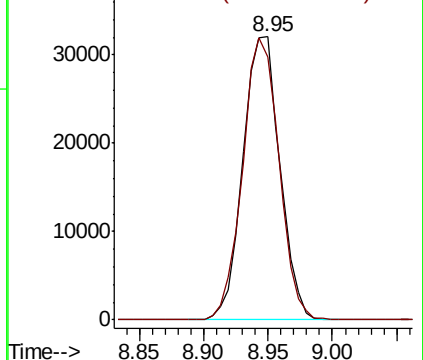
130 100

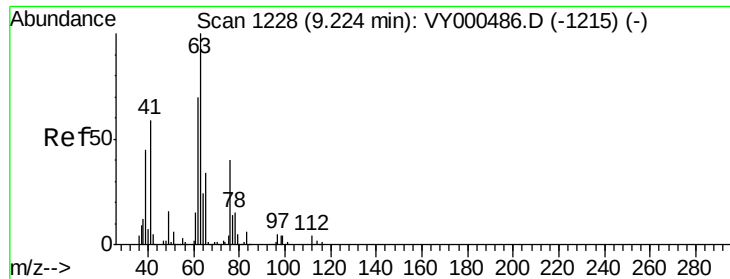
95 92.7 0.0 203.2



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

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

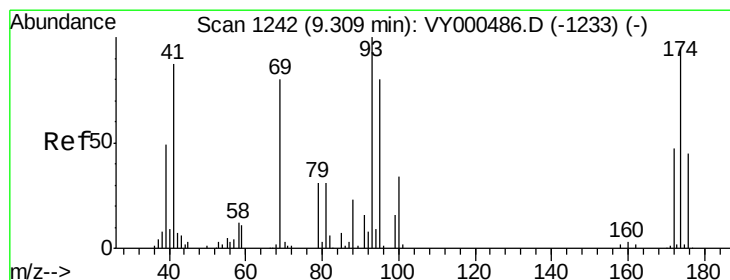
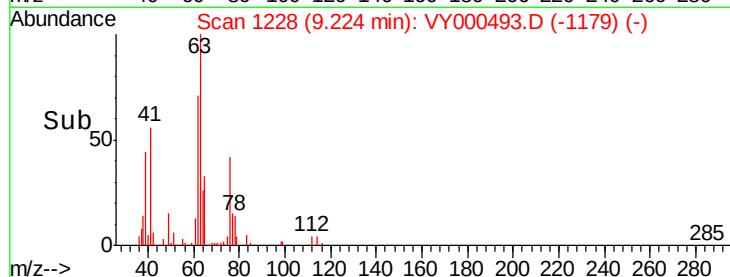
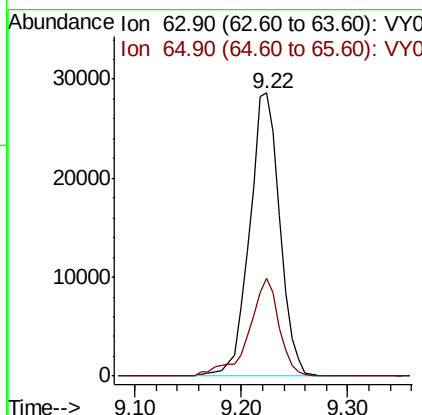
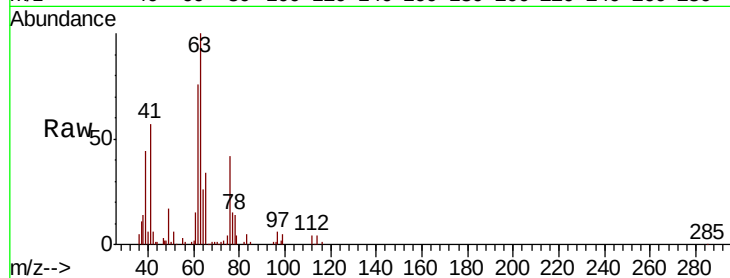




#45
 1,2-Dichloropropane
 Concen: 20.711 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

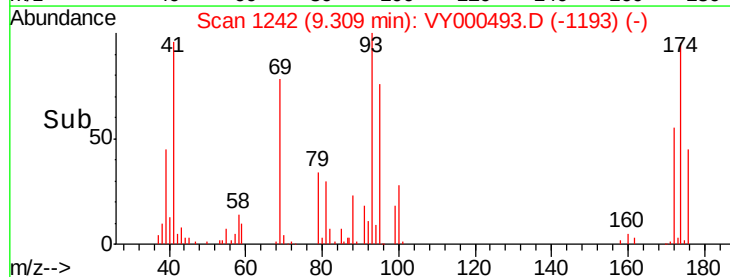
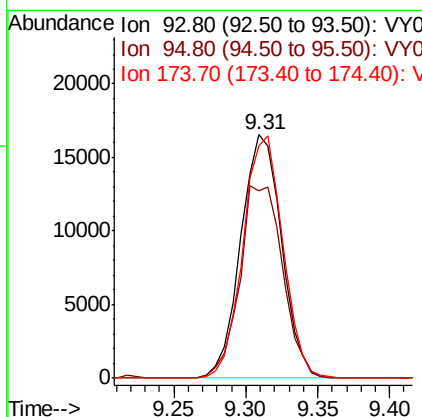
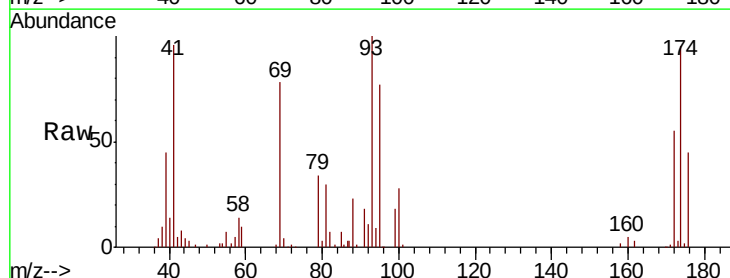
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

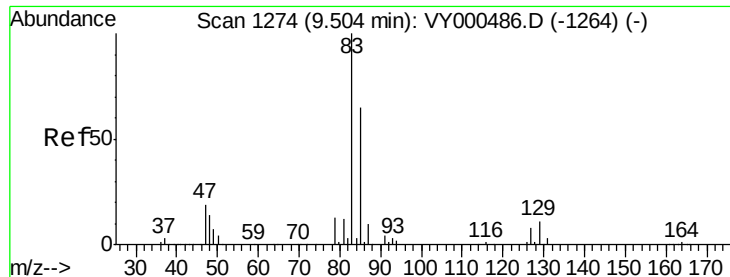
Tot Ion: 63 Resp: 57010
 Ion Ratio Lower Upper
 63 100
 65 34.3 27.0 40.4



#46
 Dibromomethane
 Concen: 21.427 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 93 Resp: 32436
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.4 99.6
 174 97.0 77.1 115.7





#47

Bromodichloromethane

Concen: 20.607 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

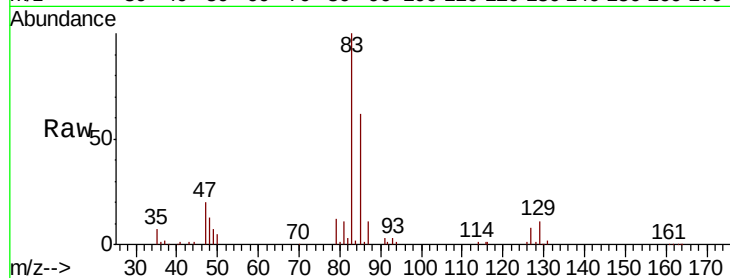
Tot Ion: 83 Resp: 74019

Ion Ratio Lower Upper

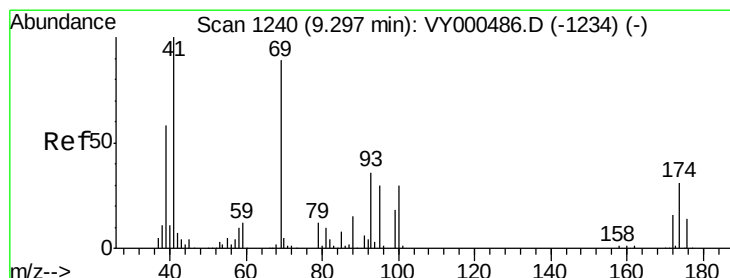
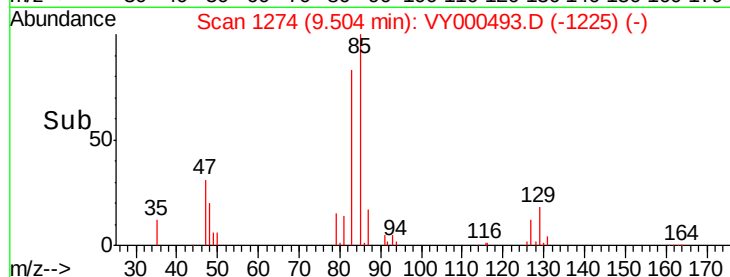
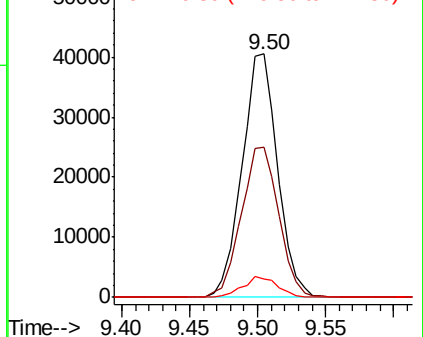
83 100

85 61.7 51.8 77.8

127 7.6 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: 22.397 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

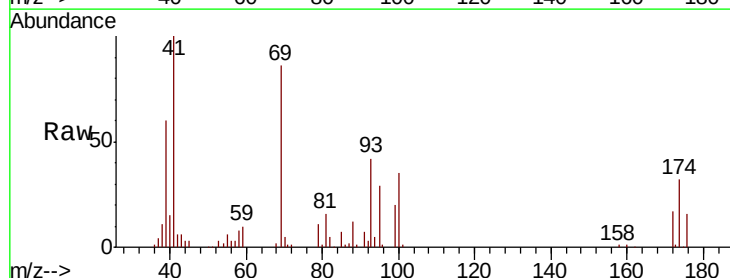
Tgt Ion: 41 Resp: 41634

Ion Ratio Lower Upper

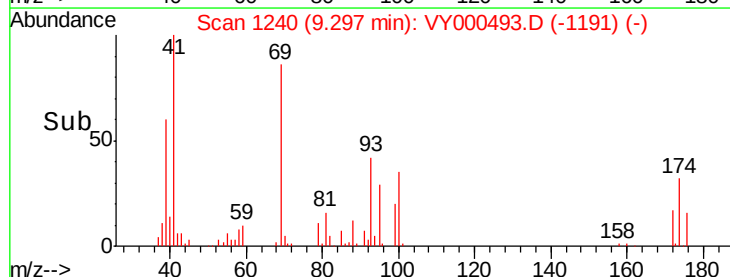
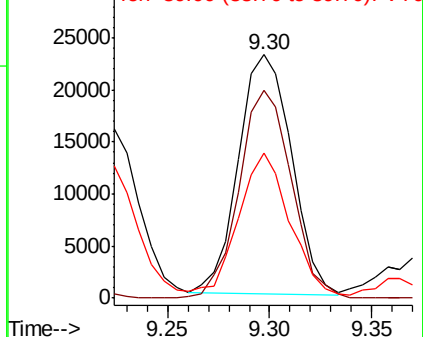
41 100

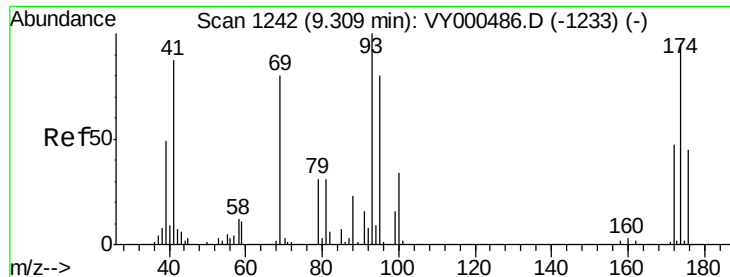
69 85.9 72.5 108.7

39 59.7 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: 420.540 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

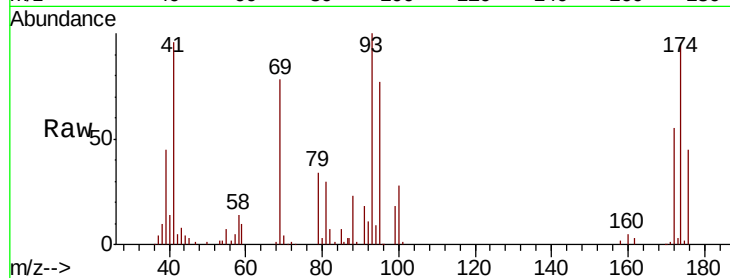
MSVOA_Y

ClientSampleId :

VY1030SBS01

Tot Ion: 88 Resp: 8568

Ion	Ratio	Lower	Upper
88	100		
43	36.6	25.1	37.7
58	67.9	50.6	75.8

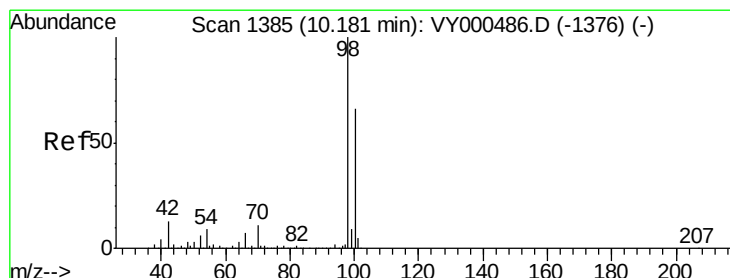
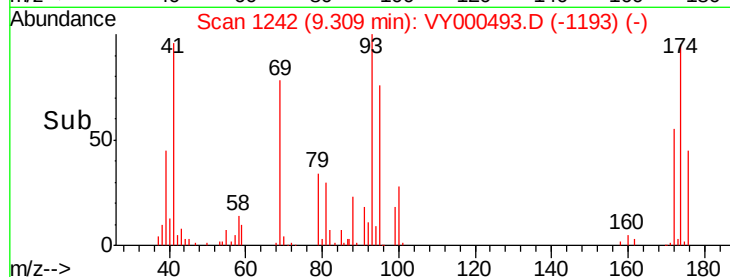
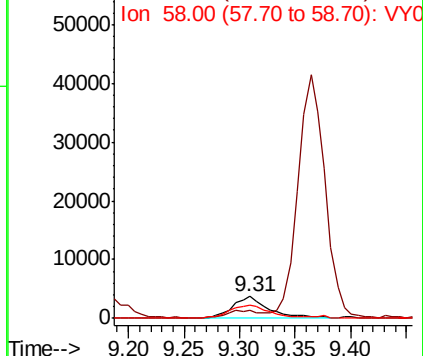


Abundance

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: 53.931 ug/l

RT: 10.18 min Scan# 1385

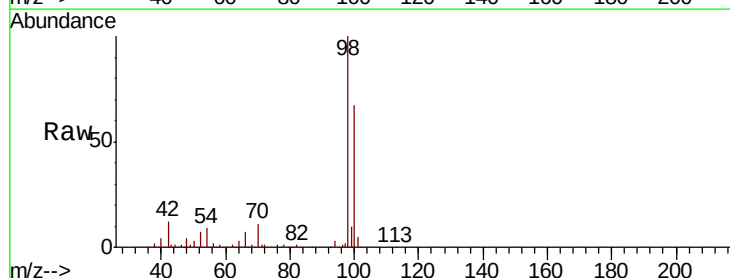
Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Tgt Ion: 98 Resp: 484790

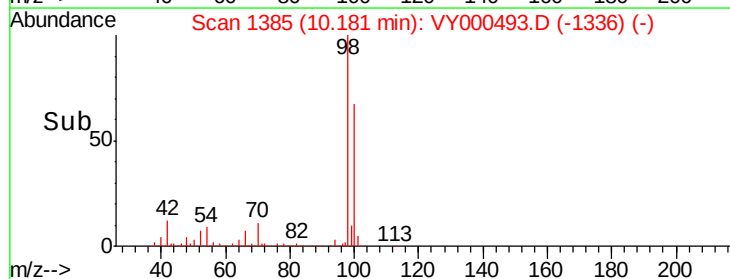
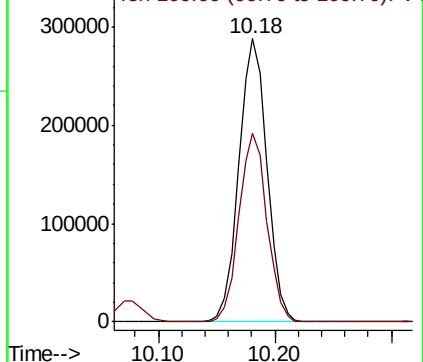
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3

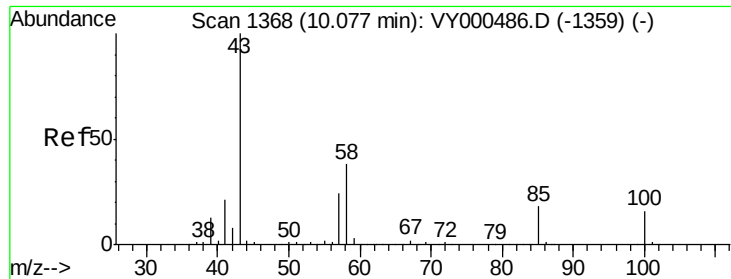


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

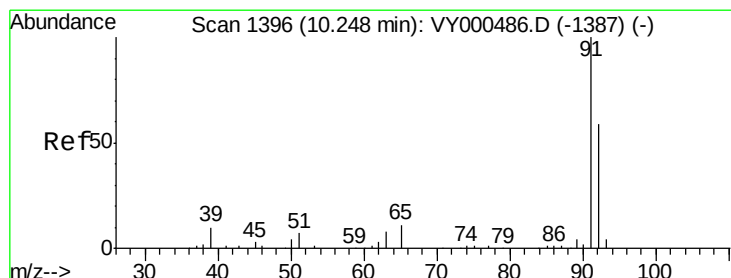
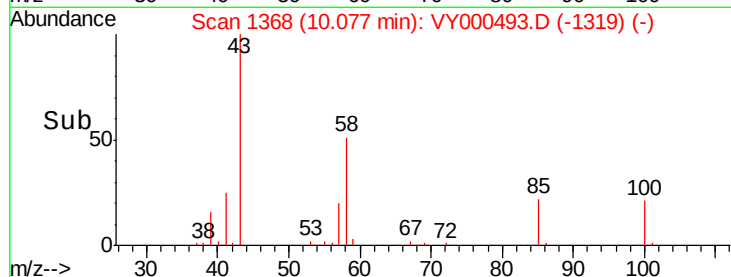
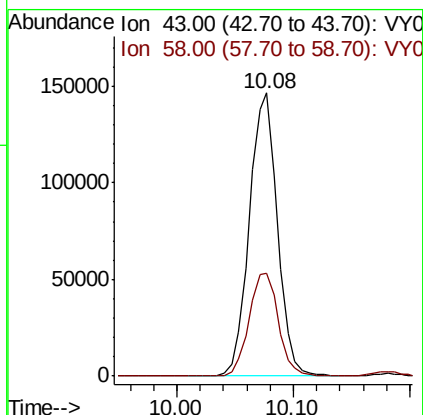
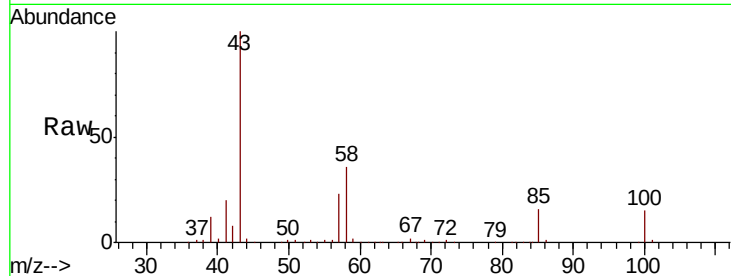




#51
4-Methyl-2-Pentanone
Concen: 108.944 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

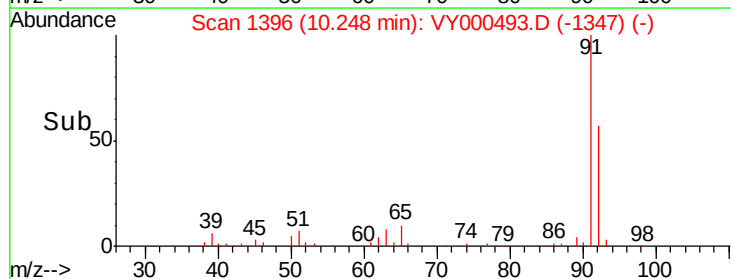
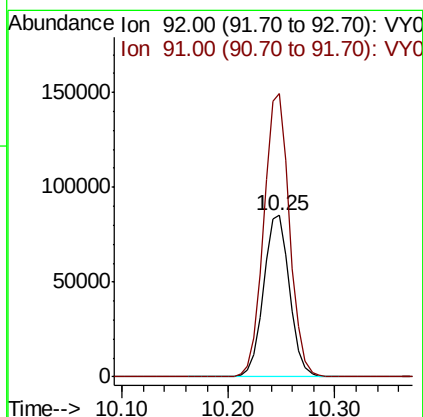
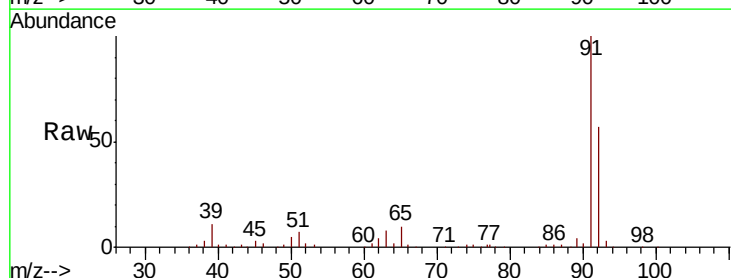
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

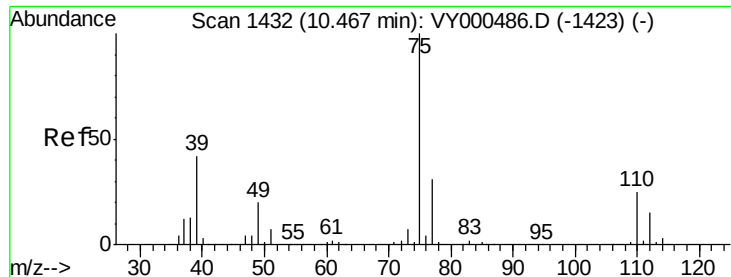
Tot Ion: 43 Resp: 246433
Ion Ratio Lower Upper
43 100
58 38.2 30.2 45.4



#52
Toluene
Concen: 20.611 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 92 Resp: 145736
Ion Ratio Lower Upper
92 100
91 173.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 21.336 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

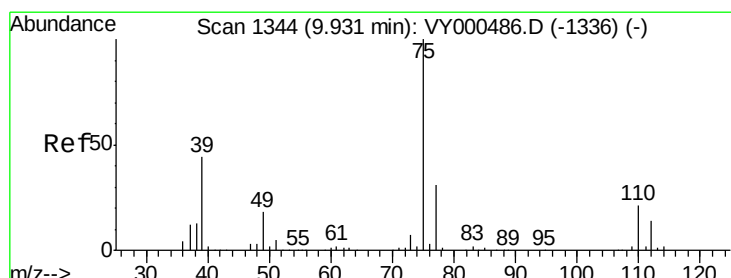
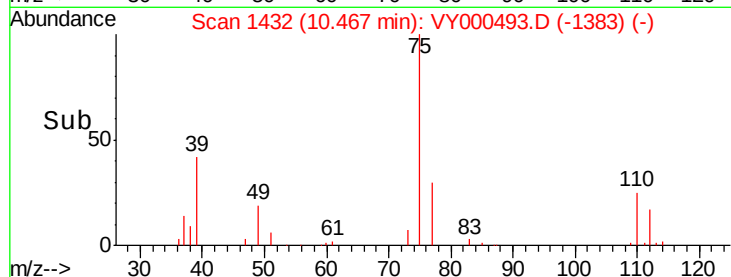
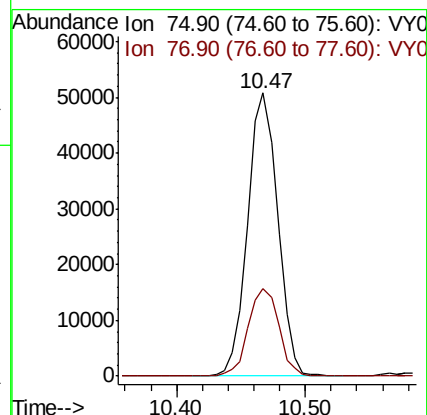
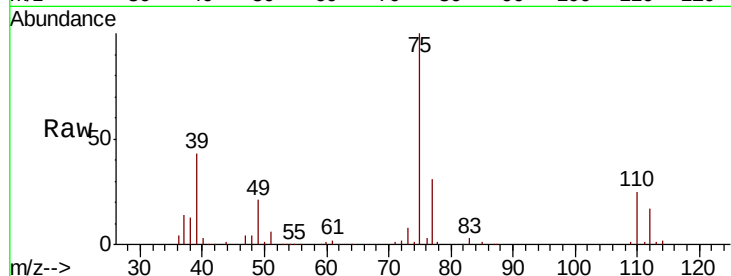
VY1030SBS01

Tot Ion: 75 Resp: 81887

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 21.116 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

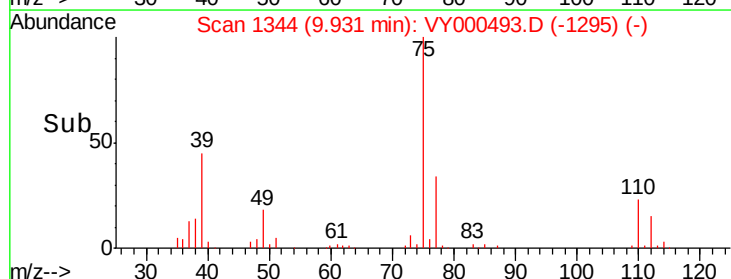
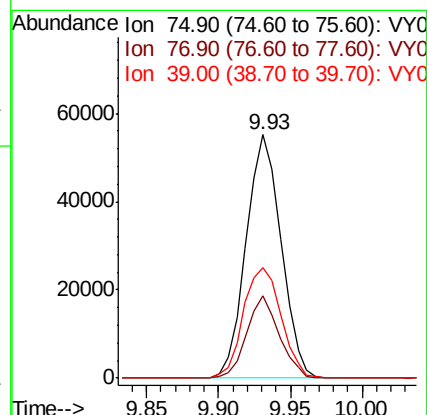
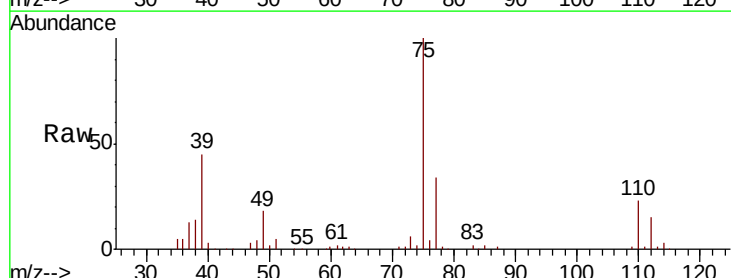
Tgt Ion: 75 Resp: 92844

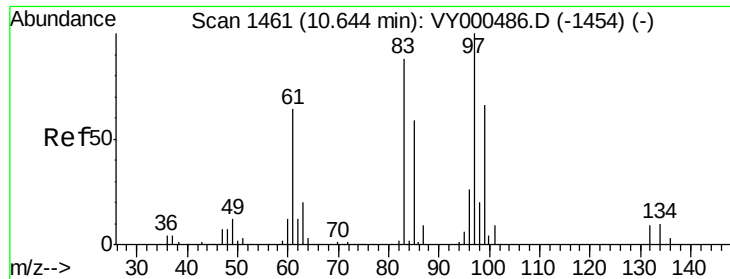
Ion Ratio Lower Upper

75 100

77 33.6 24.5 36.7

39 45.4 35.4 53.2



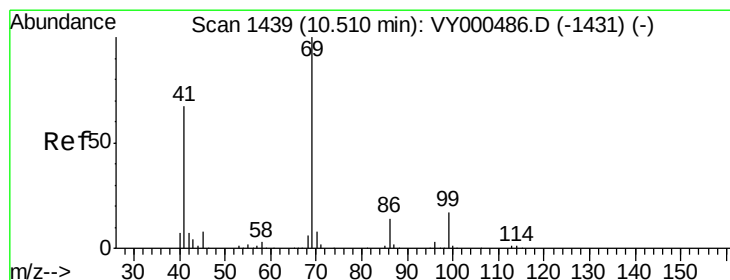
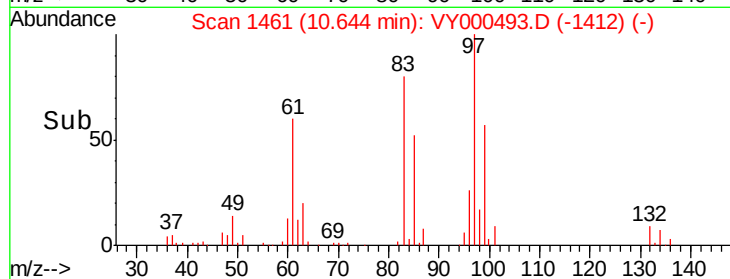
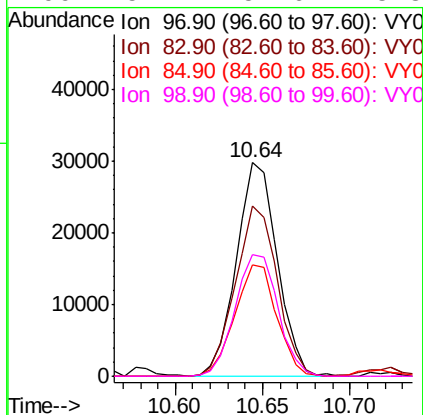
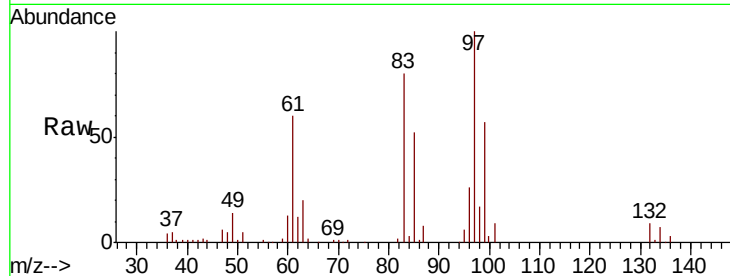


#55
 1,1,2-Trichloroethane
 Concen: 22.198 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tot Ion: 97 Resp: 48603

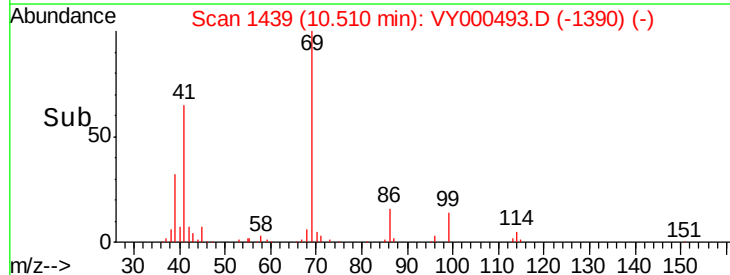
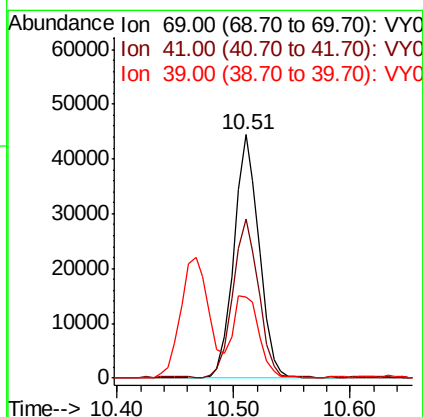
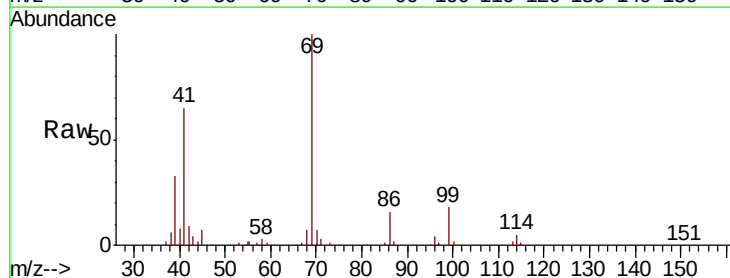
Ion	Ratio	Lower	Upper
97	100		
83	79.3	70.2	105.4
85	52.2	46.9	70.3
99	57.2	52.6	78.8

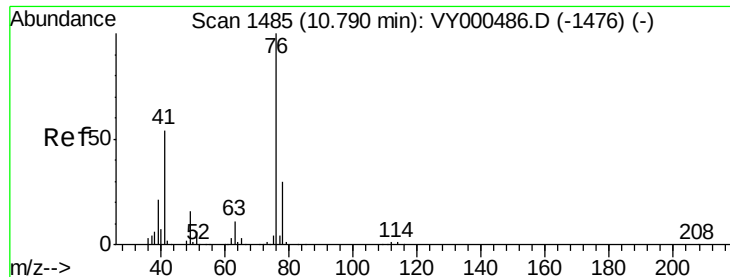


#56
 Ethyl methacrylate
 Concen: 21.500 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 69 Resp: 66722

Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.3	79.9
39	35.2	28.0	42.0





#57

1,3-Dichloropropane

Concen: 21.474 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

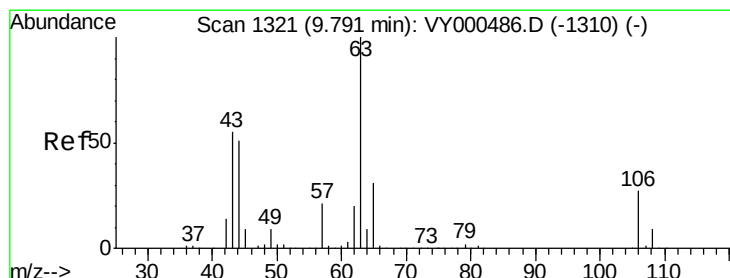
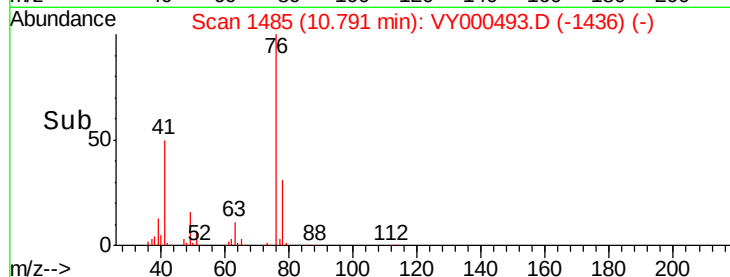
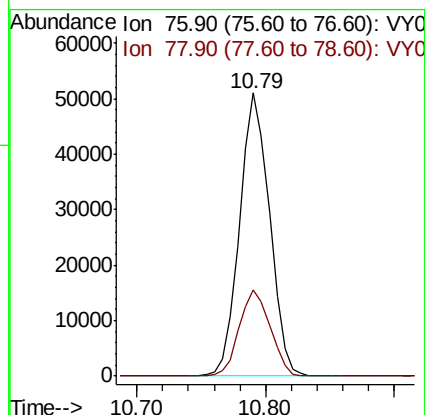
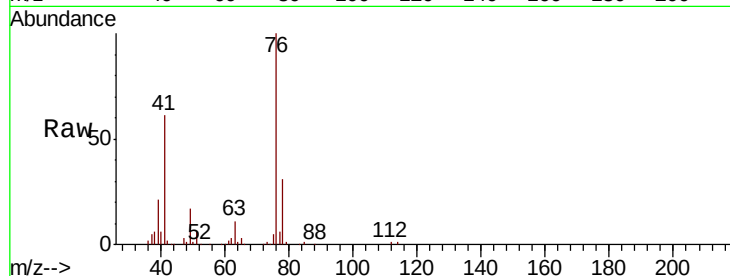
VY1030SBS01

Tot Ion: 76 Resp: 82292

Ion Ratio Lower Upper

76 100

78 31.5 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.506 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000493.D

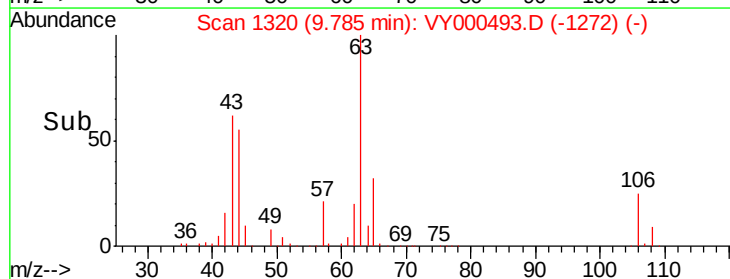
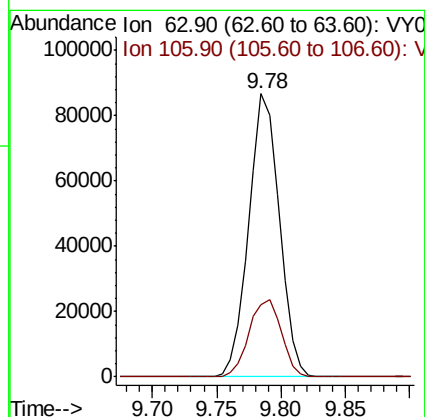
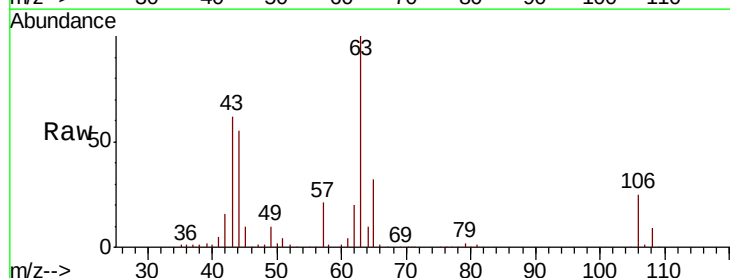
Acq: 30 Oct 2019 16:16

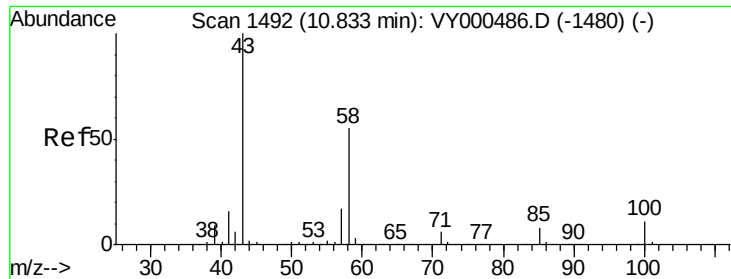
Tgt Ion: 63 Resp: 142411

Ion Ratio Lower Upper

63 100

106 28.7 22.6 33.8

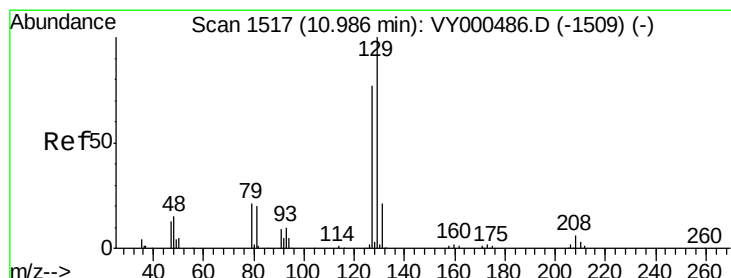
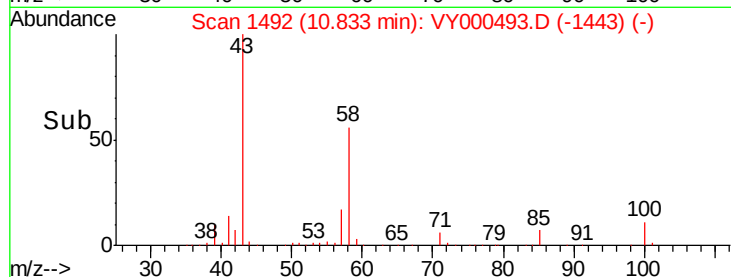
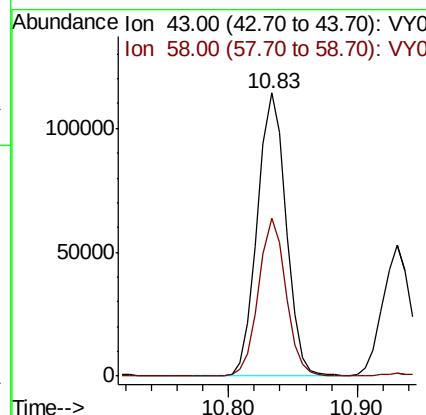
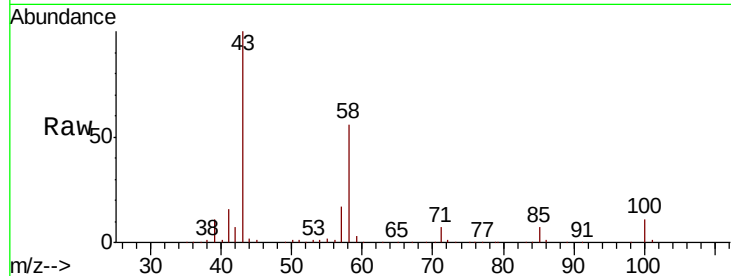




#59
2-Hexanone
Concen: 106.766 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

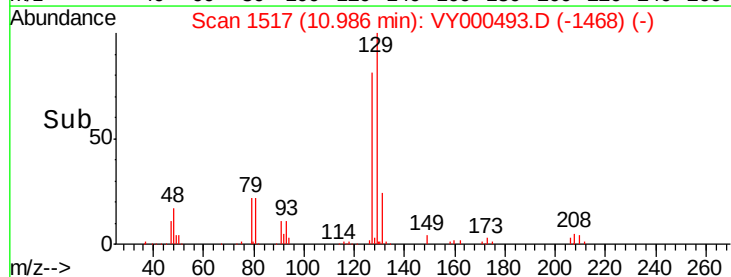
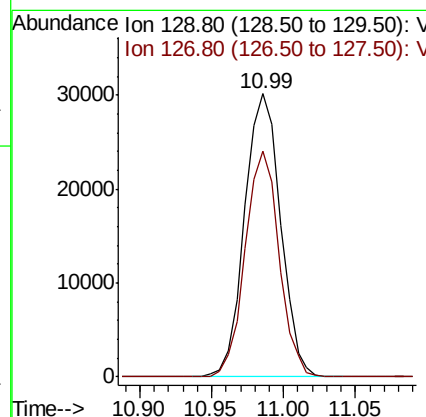
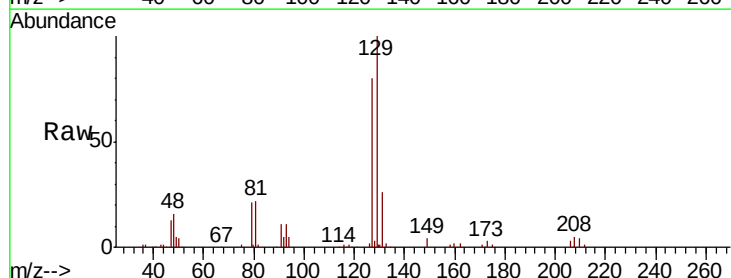
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

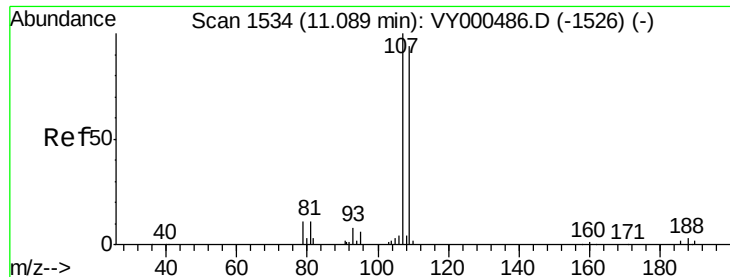
Tot Ion: 43 Resp: 175961
Ion Ratio Lower Upper
43 100
58 53.1 27.1 81.3



#60
Dibromochloromethane
Concen: 20.722 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 129 Resp: 51970
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.2

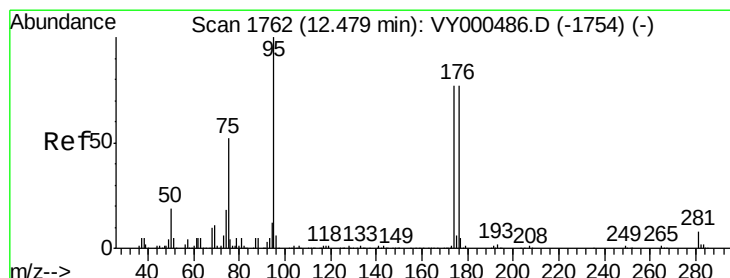
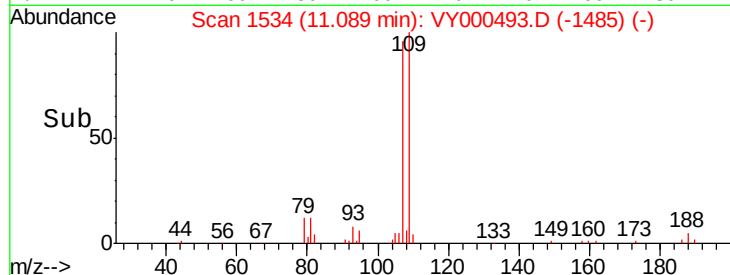
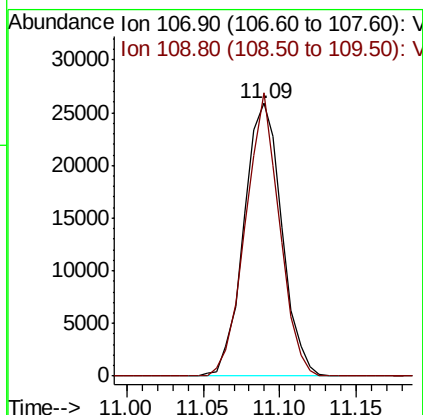
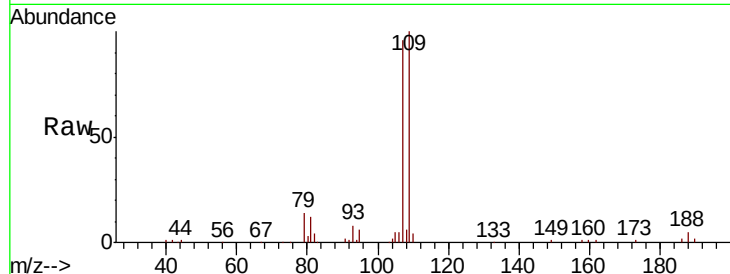




#61
 1,2-Dibromoethane
 Concen: 21.193 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

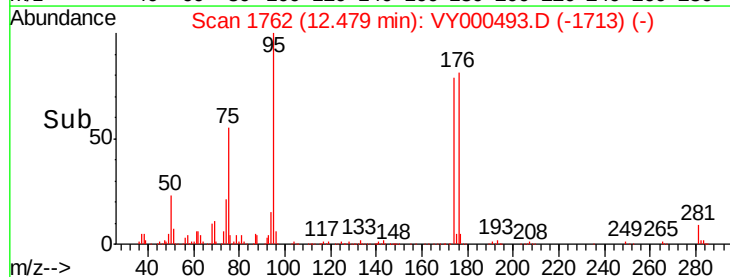
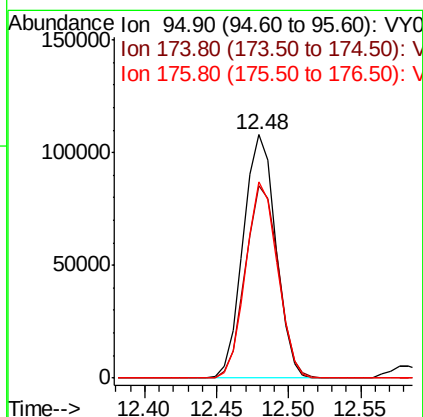
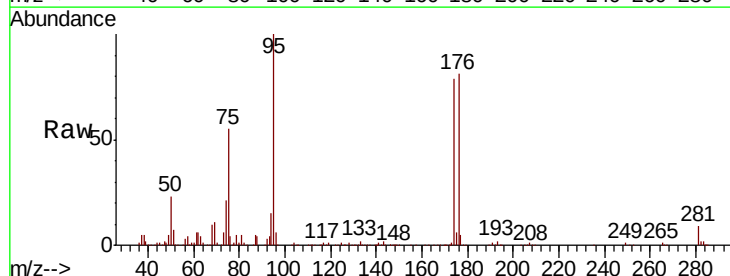
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

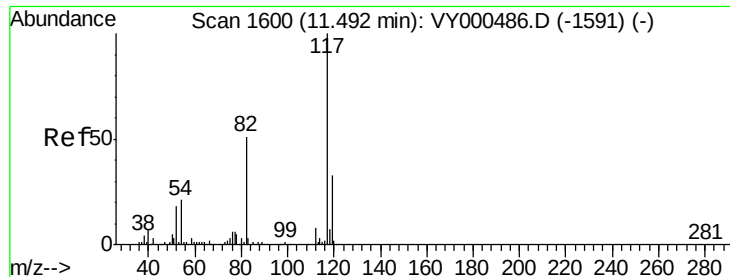
Tot Ion: 107 Resp: 44616
 Ion Ratio Lower Upper
 107 100
 109 92.7 73.6 110.4



#62
 4-Bromofluorobenzene
 Concen: 49.432 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion: 95 Resp: 169158
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 161.6
 176 78.6 0.0 157.8

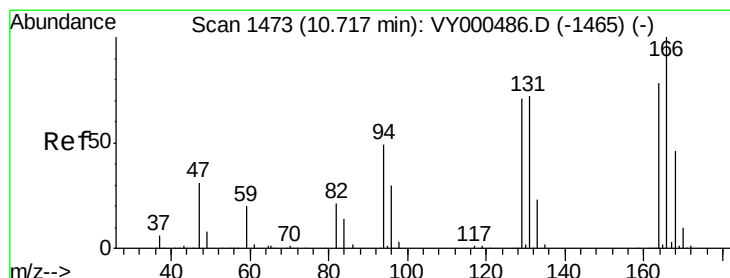
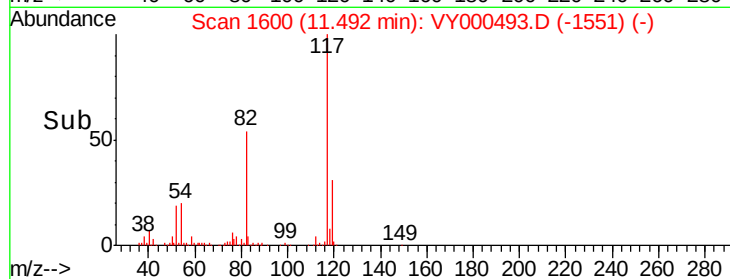
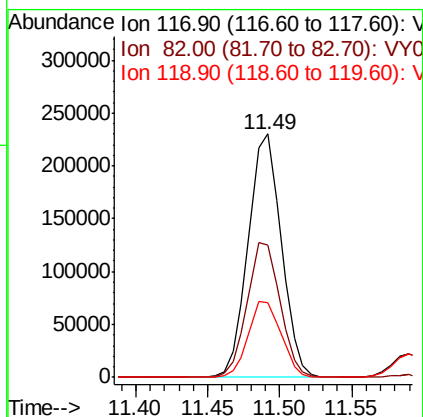
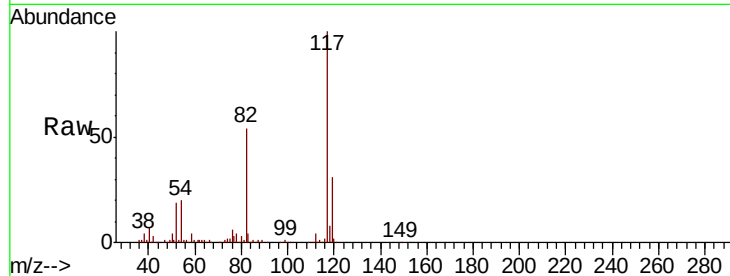




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

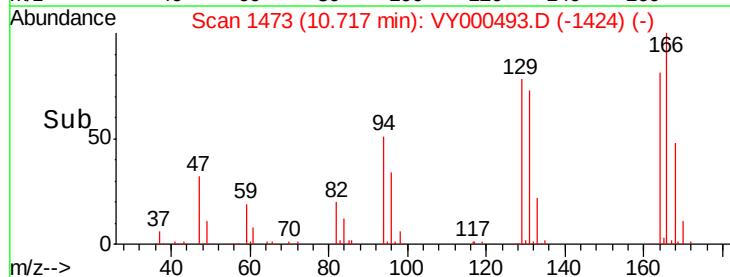
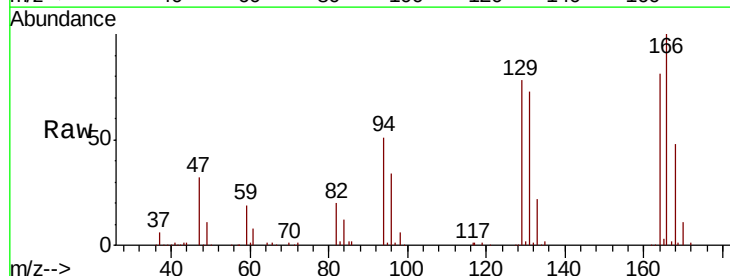
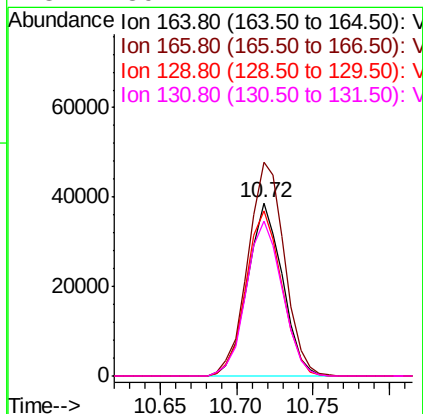
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

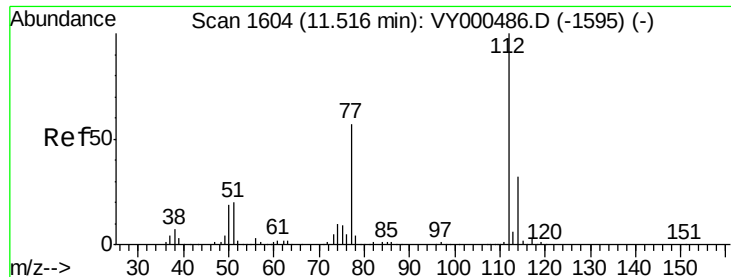
Tot Ion:117 Resp: 366264
Ion Ratio Lower Upper
117 100
82 54.1 40.8 61.2
119 30.5 26.2 39.2



#64
Tetrachloroethene
Concen: 20.284 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion:164 Resp: 61430
Ion Ratio Lower Upper
164 100
166 123.1 102.7 154.1
129 95.6 73.2 109.8
131 89.4 74.2 111.2

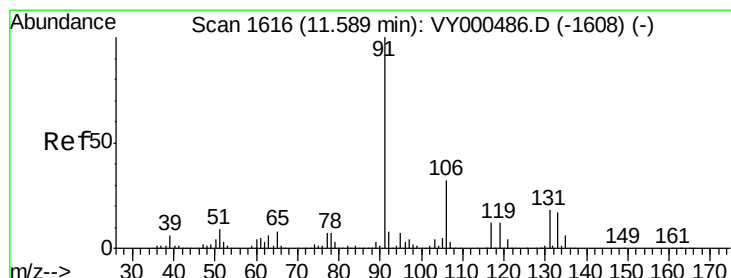
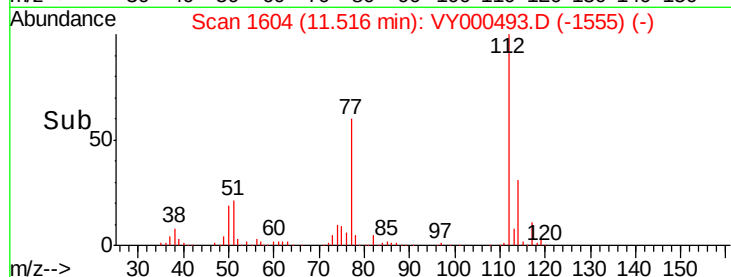
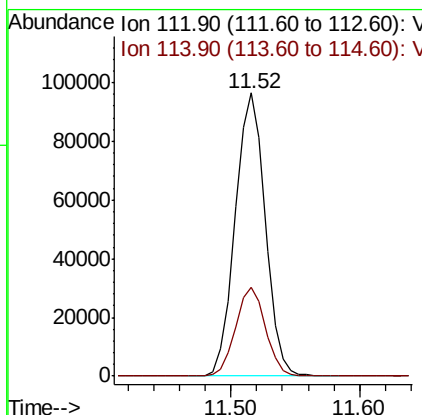
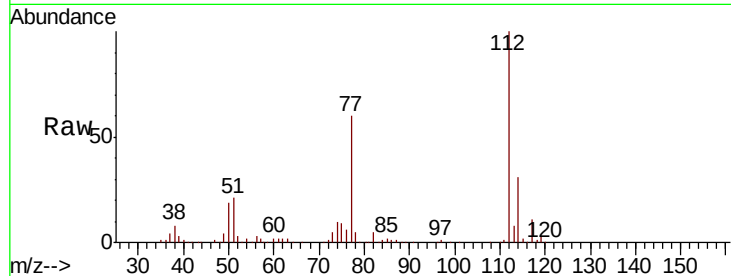




#65
Chlorobenzene
Concen: 20.952 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

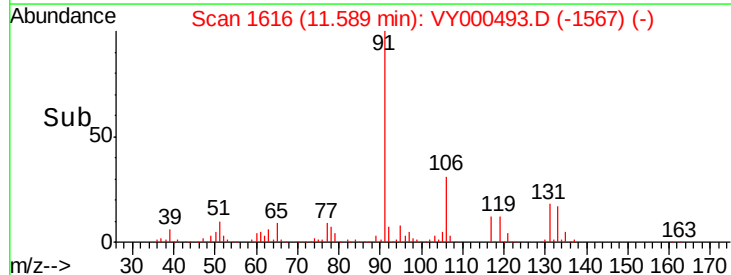
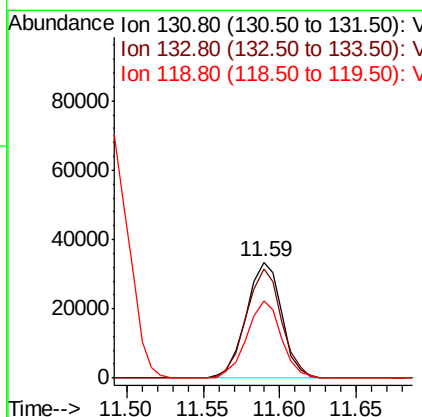
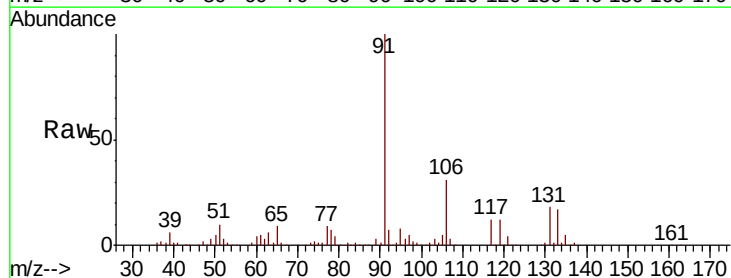
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

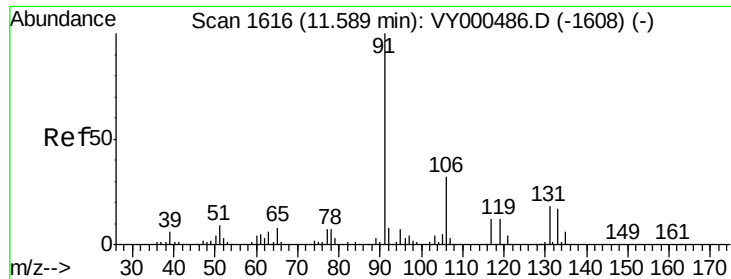
Tot Ion:112 Resp: 155586
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.945 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion:131 Resp: 53942
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.8
119 65.0 33.1 99.3

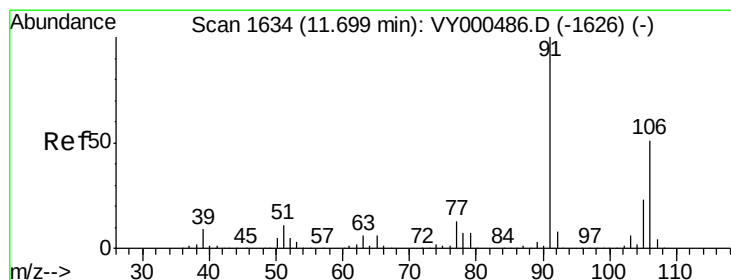
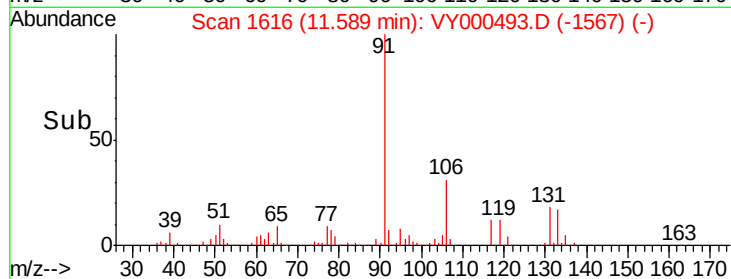
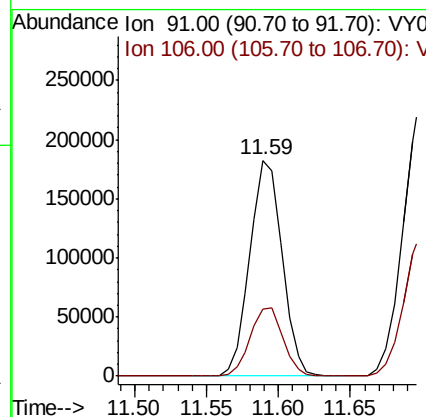
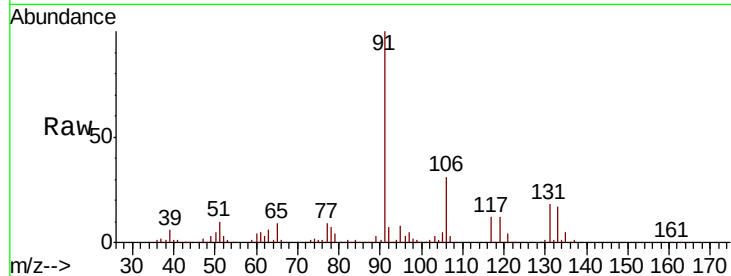




#67
Ethyl Benzene
Concen: 20.707 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

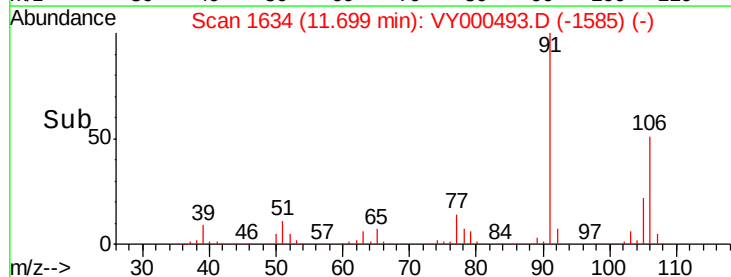
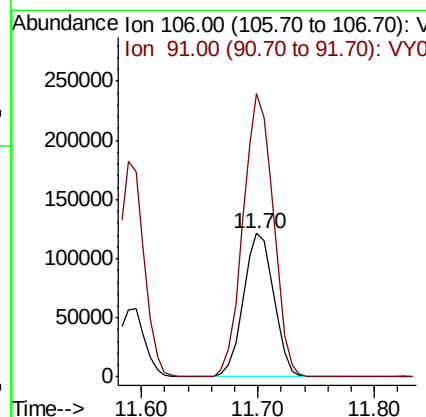
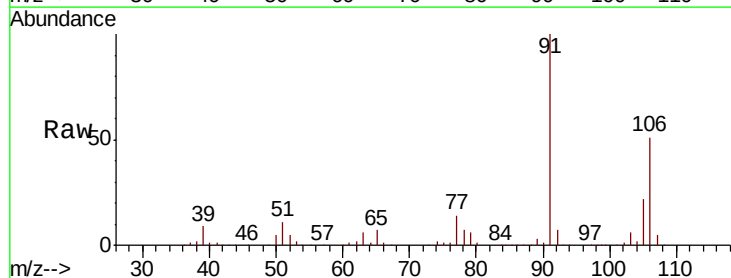
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

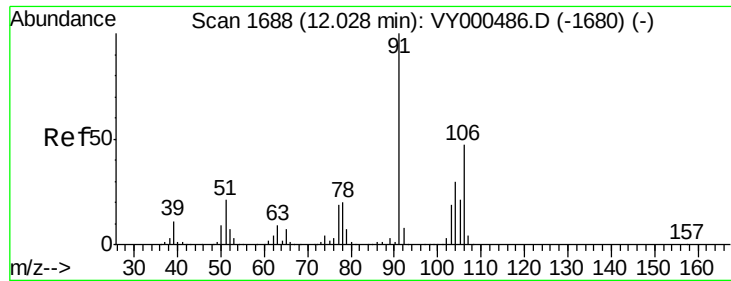
Tot Ion: 91 Resp: 283004
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 41.961 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 106 Resp: 221959
Ion Ratio Lower Upper
106 100
91 195.6 155.9 233.9

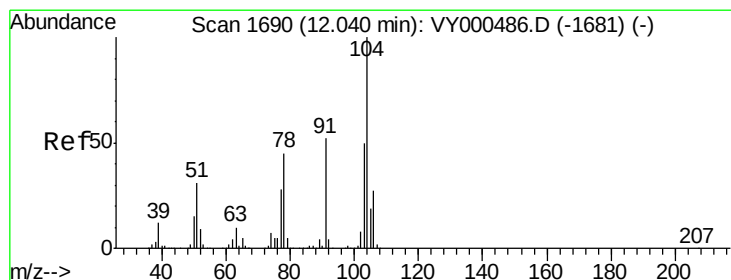
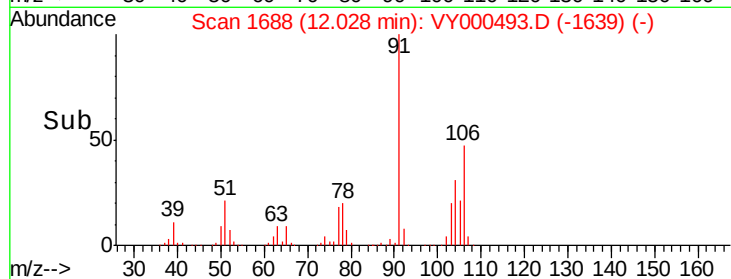
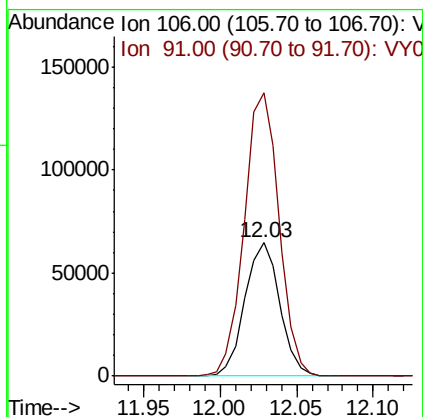
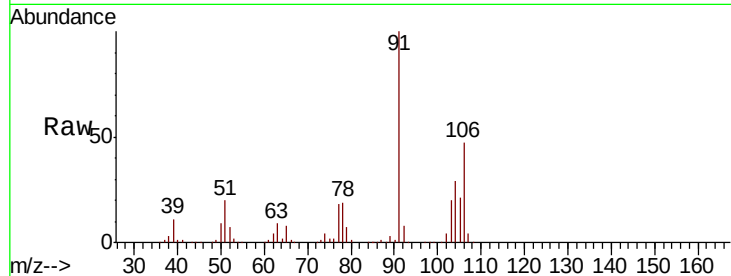




#69
o-Xylene
Concen: 20.629 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

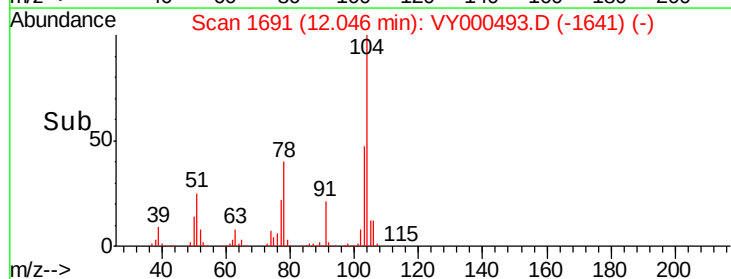
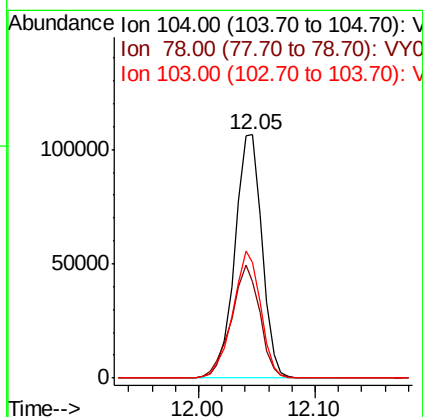
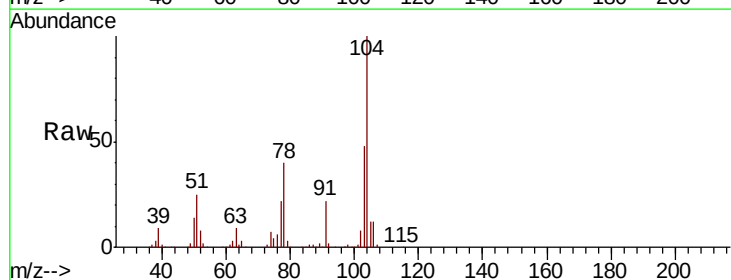
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

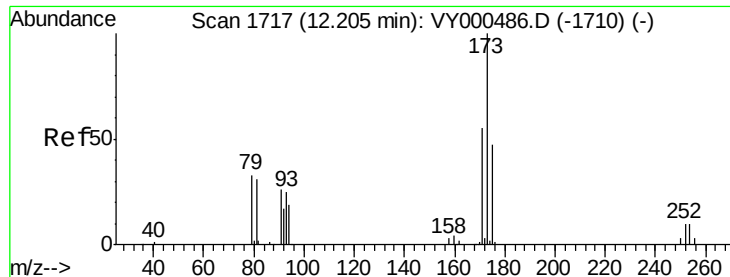
Tot Ion:106 Resp: 102553
Ion Ratio Lower Upper
106 100
91 211.6 106.5 319.6



#70
Styrene
Concen: 20.295 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion:104 Resp: 172765
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 53.3 42.5 63.7





#71

Bromoform

Concen: 20.941 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

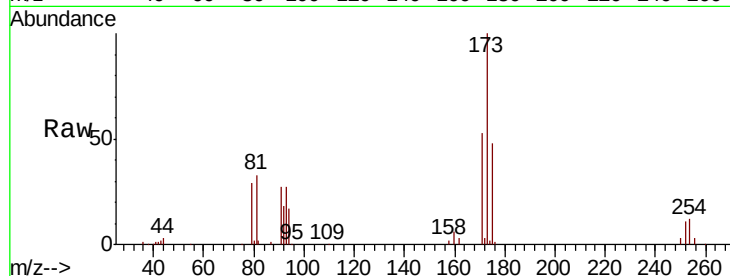
Tot Ion:173 Resp: 31020

Ion Ratio Lower Upper

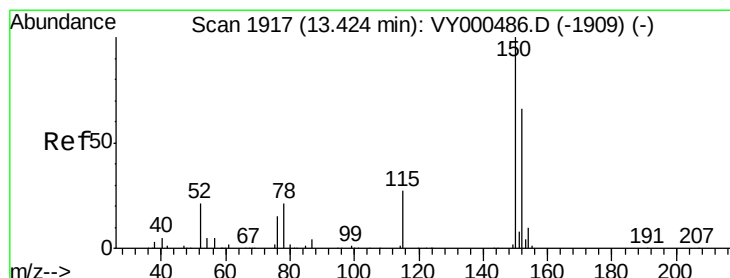
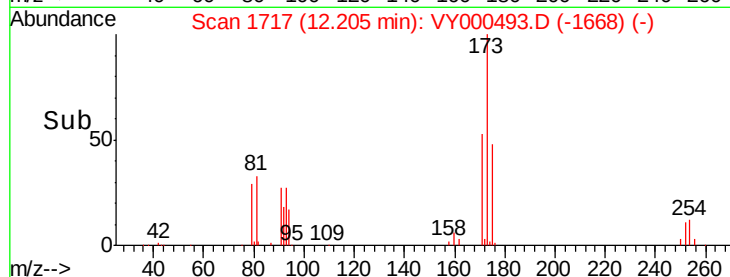
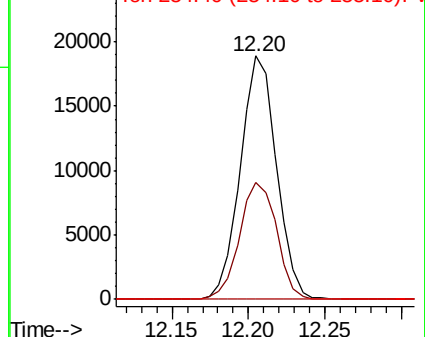
173 100

175 49.2 24.4 73.2

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

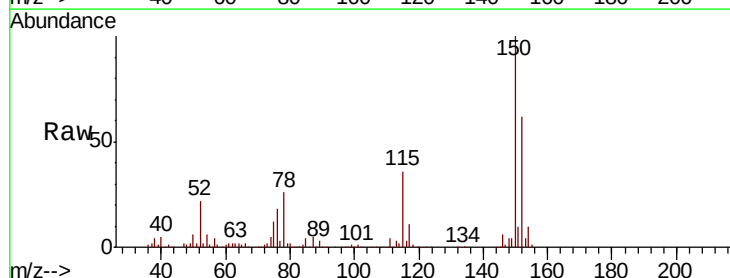
Tgt Ion:152 Resp: 174994

Ion Ratio Lower Upper

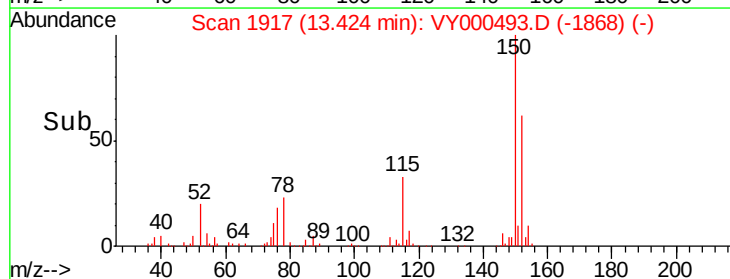
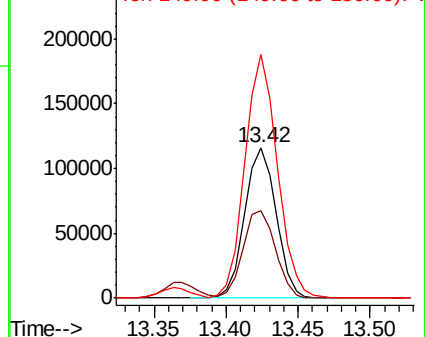
152 100

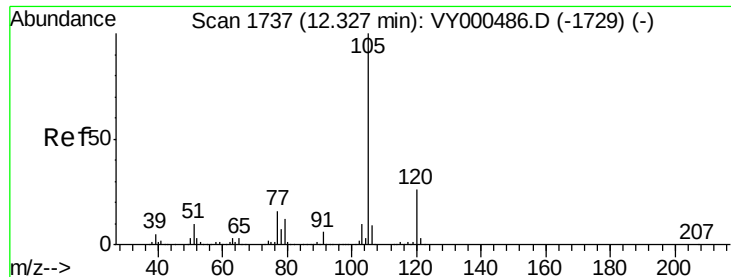
115 60.2 29.1 87.4

150 167.2 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.159 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

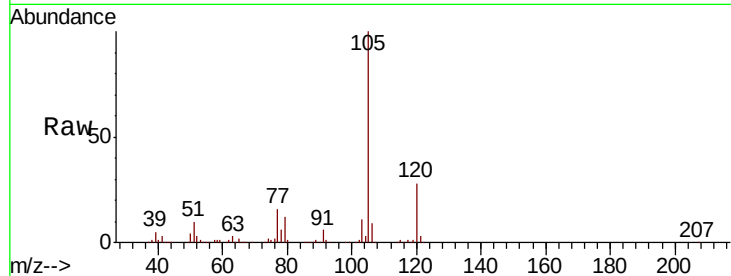
VY1030SBS01

Tot Ion:105 Resp: 273663

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

200000

150000

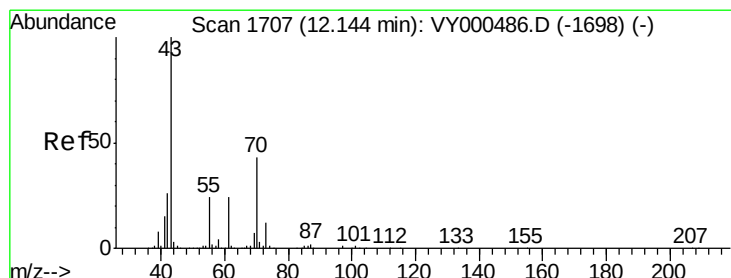
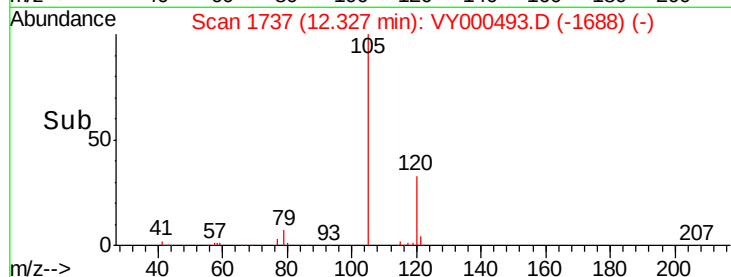
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 21.678 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Tgt Ion: 43 Resp: 80299

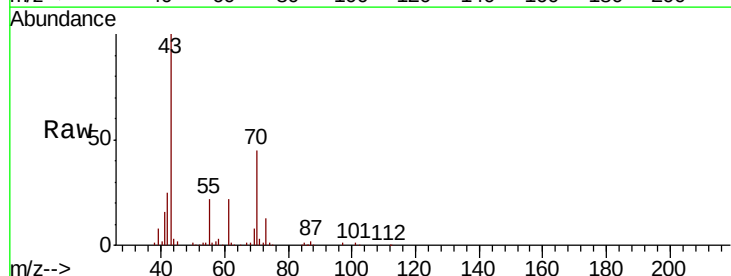
Ion Ratio Lower Upper

43 100

70 40.0 33.1 49.7

55 22.5 18.0 27.0

61 22.6 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

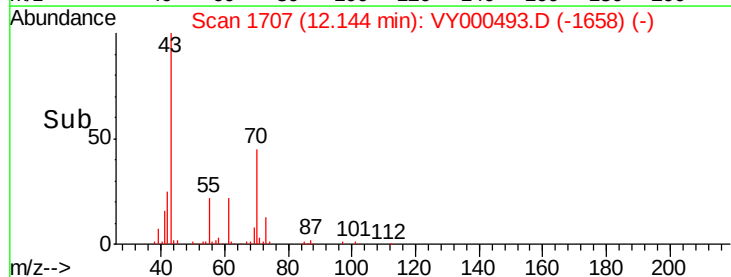
40000

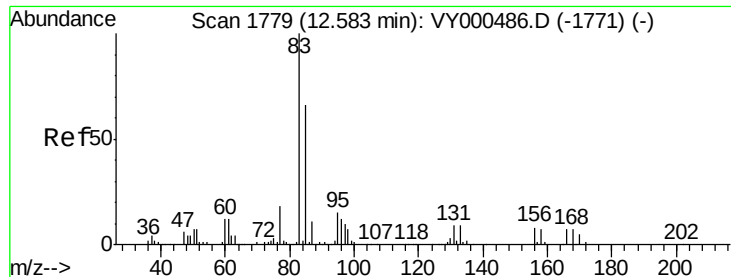
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 21.478 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

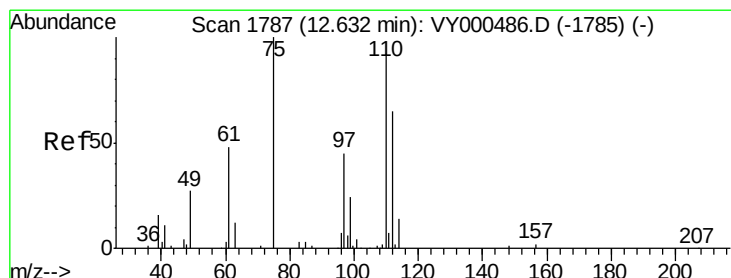
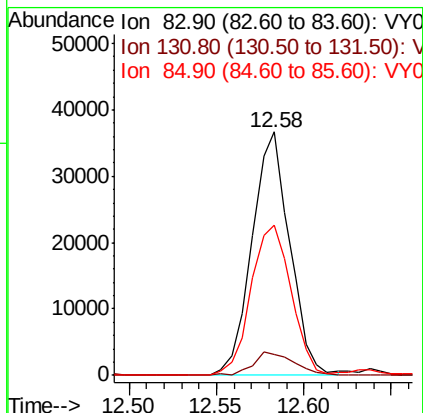
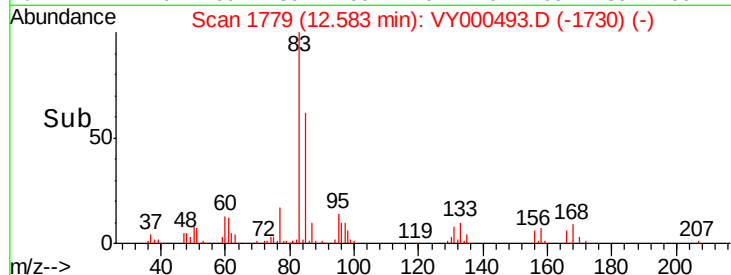
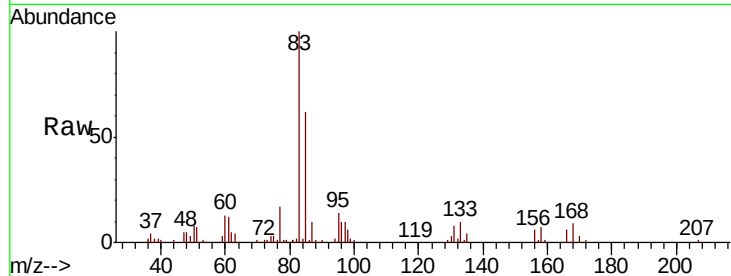
Tot Ion: 83 Resp: 55002

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 65.6 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 38.281 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY000493.D

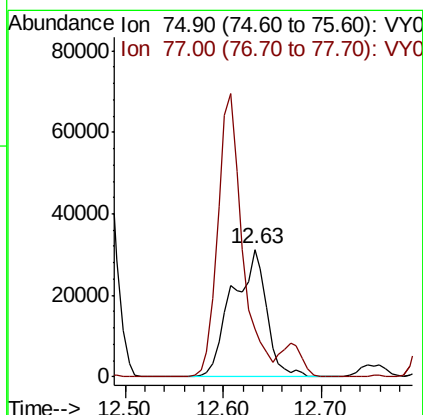
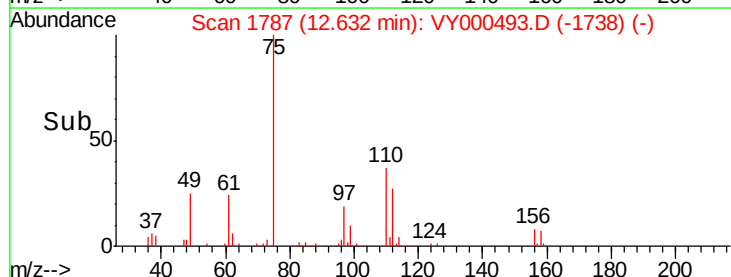
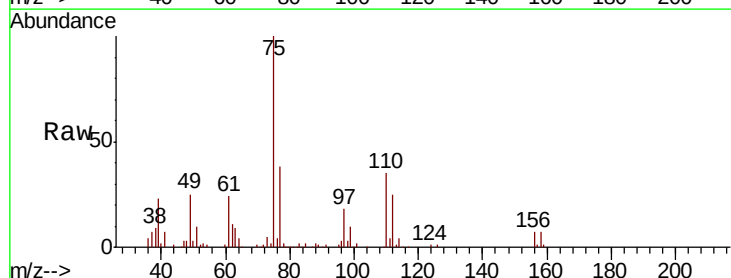
Acq: 30 Oct 2019 16:16

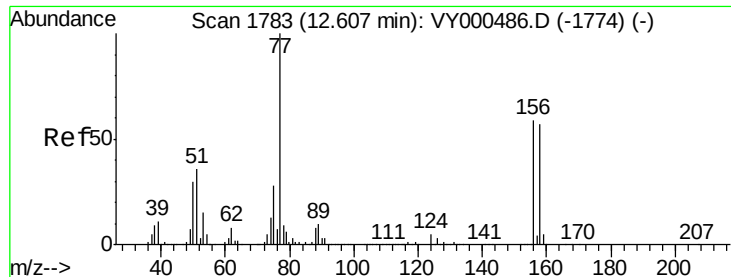
Tgt Ion: 75 Resp: 76276

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.432 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

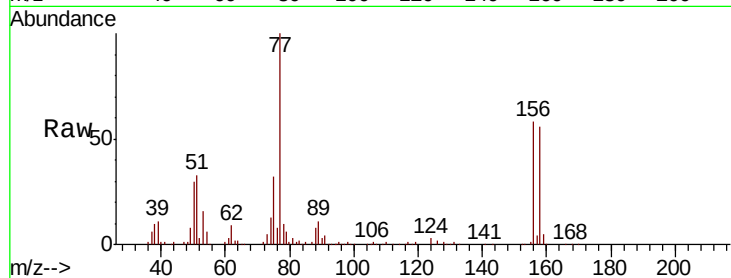
Tot Ion:156 Resp: 62858

Ion Ratio Lower Upper

156 100

77 192.9 98.2 294.4

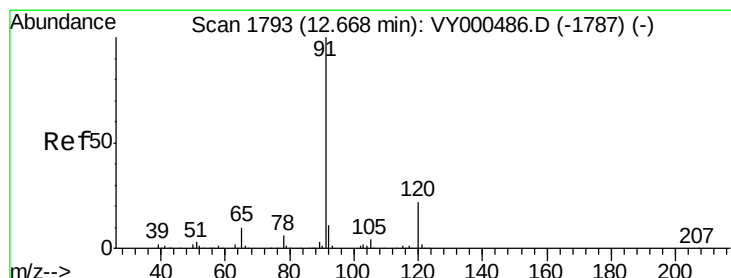
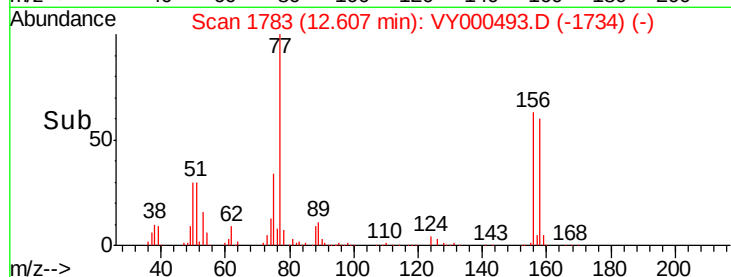
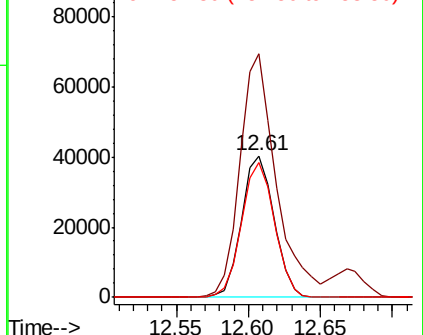
158 96.5 49.6 149.0



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: 21.458 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000493.D

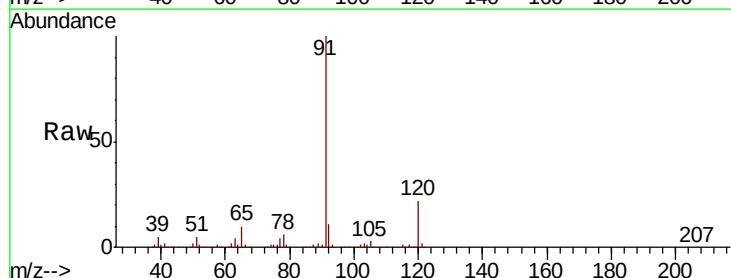
Acq: 30 Oct 2019 16:16

Tgt Ion: 91 Resp: 334858

Ion Ratio Lower Upper

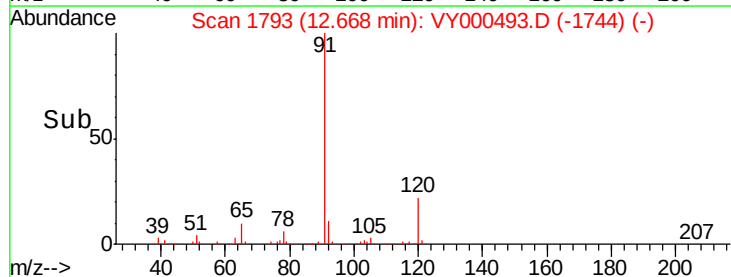
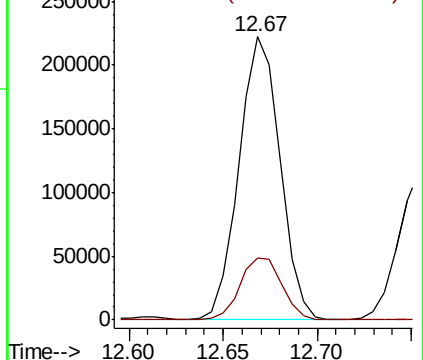
91 100

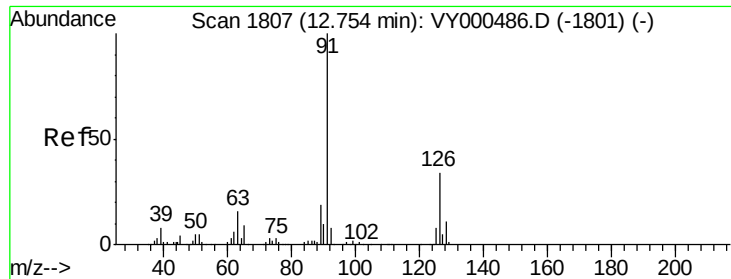
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.820 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

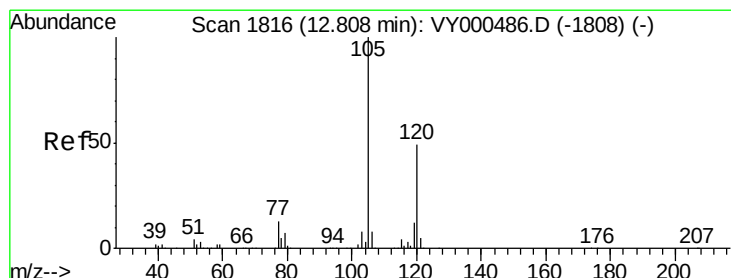
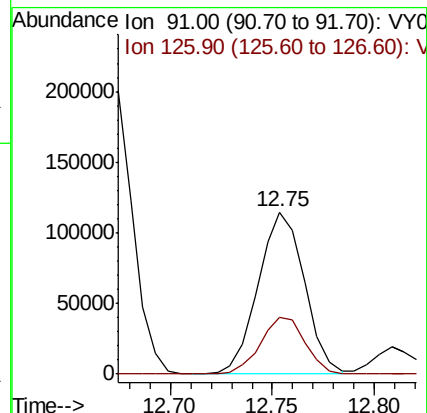
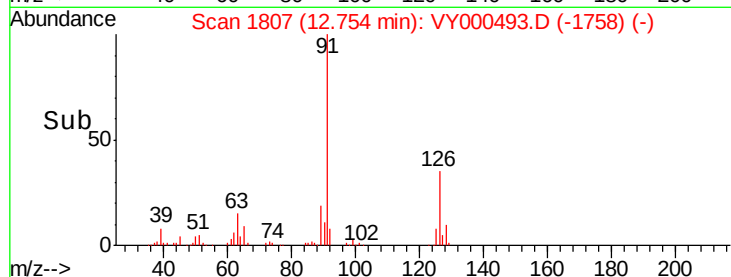
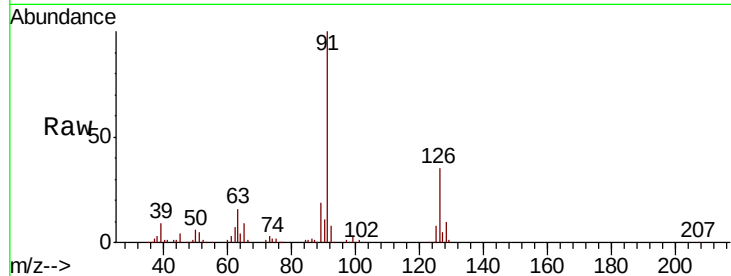
VY1030SBS01

Tot Ion: 91 Resp: 180374

Ion Ratio Lower Upper

91 100

126 34.2 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 21.697 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000493.D

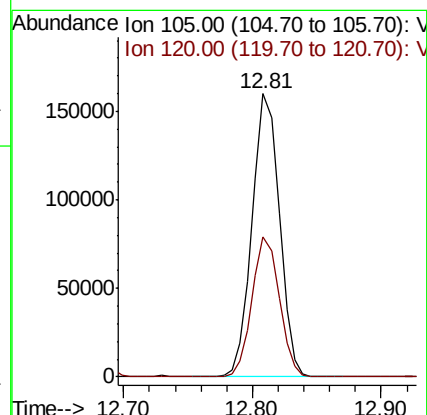
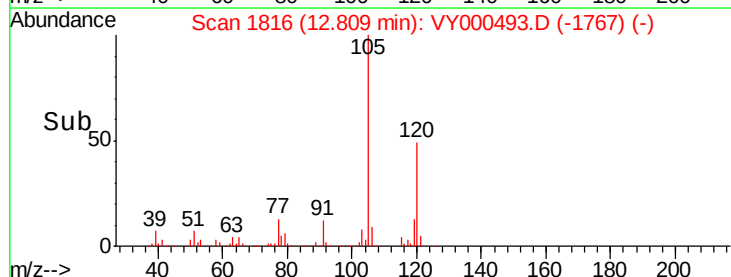
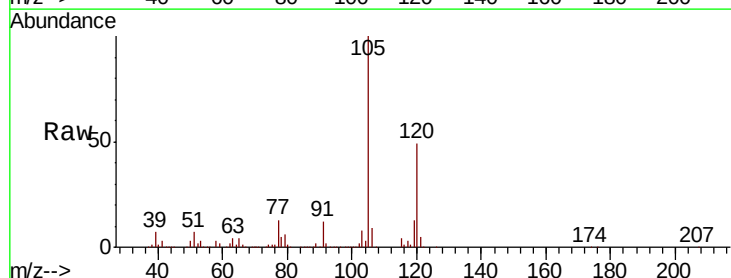
Acq: 30 Oct 2019 16:16

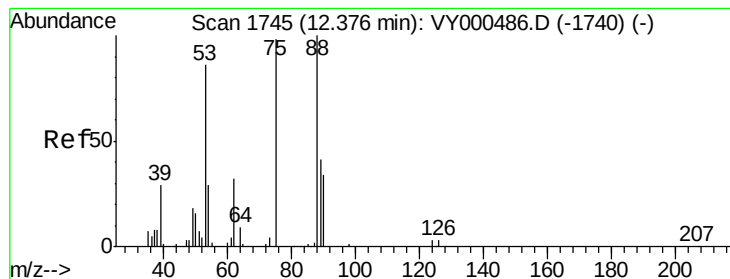
Tgt Ion:105 Resp: 233711

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.847 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

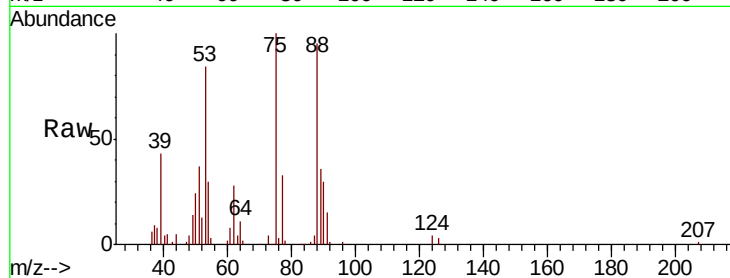
Tot Ion: 75 Resp: 20304

Ion Ratio Lower Upper

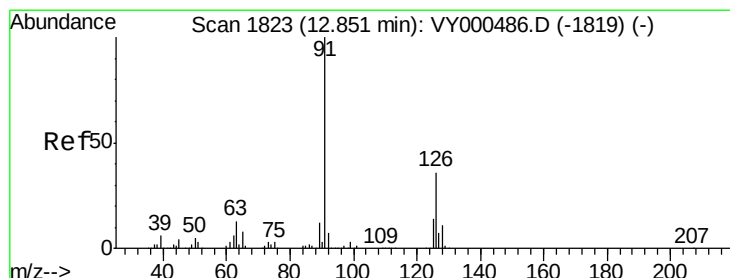
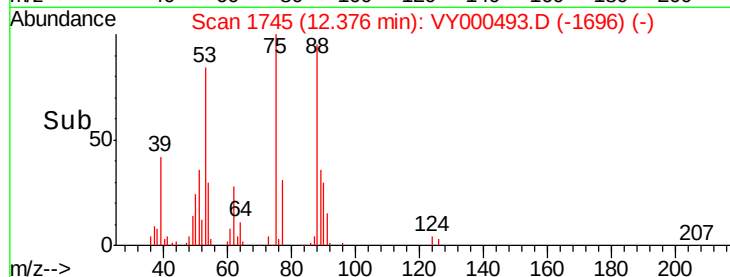
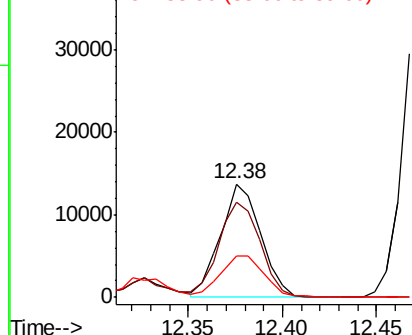
75 100

53 86.7 73.2 109.8

89 40.5 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: 21.372 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY000493.D

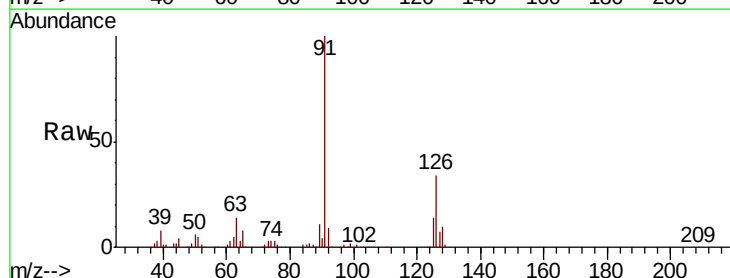
Acq: 30 Oct 2019 16:16

Tgt Ion: 91 Resp: 191923

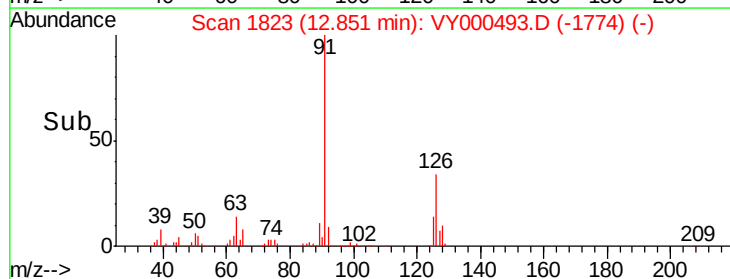
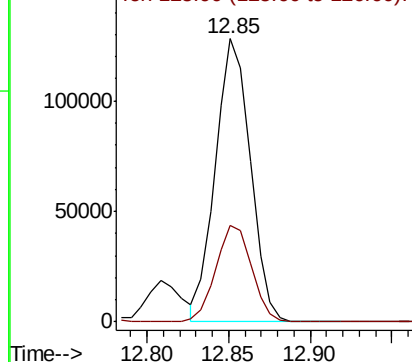
Ion Ratio Lower Upper

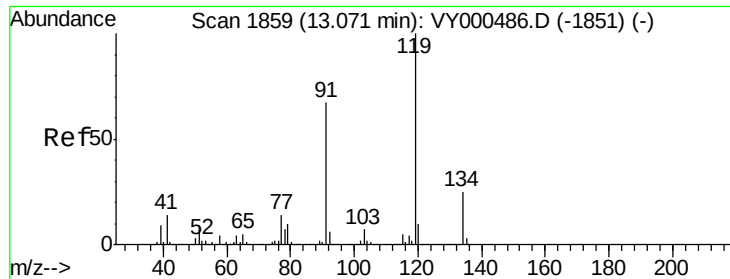
91 100

126 35.0 17.6 52.9



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

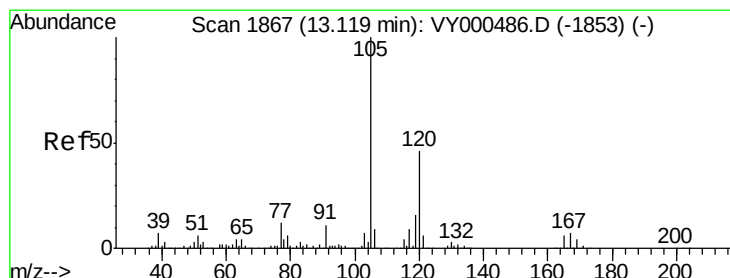
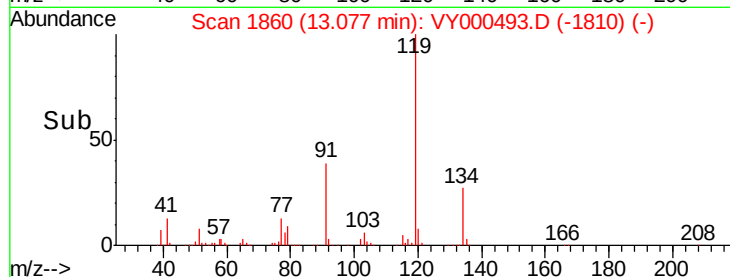
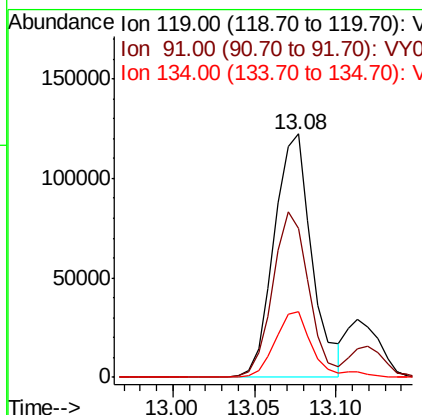
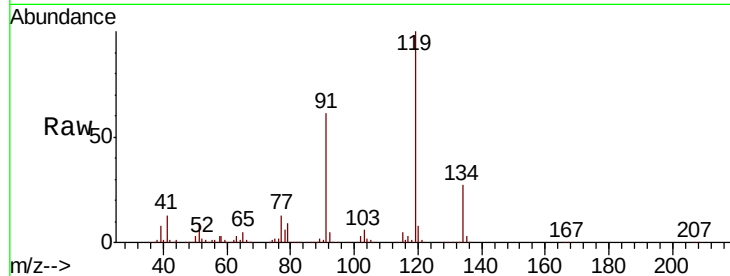




#83
 tert-Butylbenzene
 Concen: 21.409 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

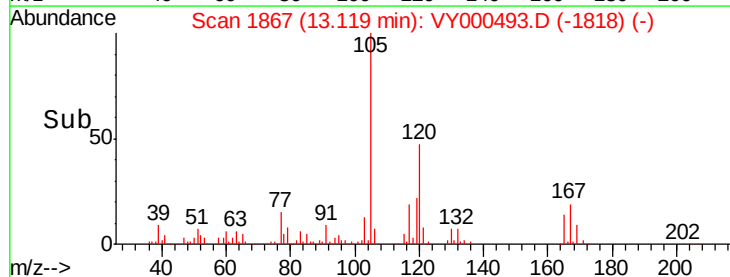
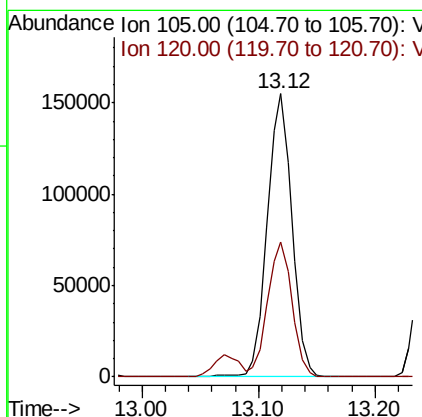
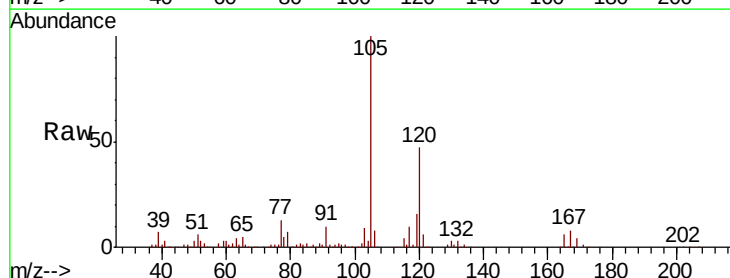
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

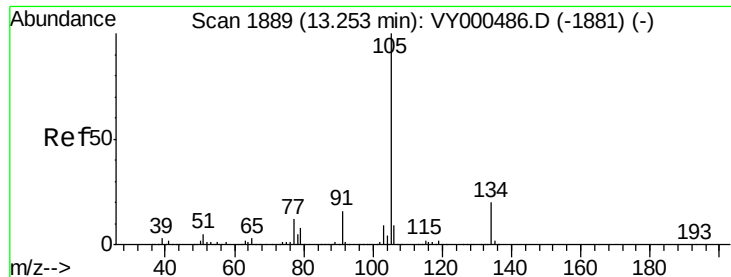
Tot Ion:119 Resp: 196905
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.1 96.3
 134 26.9 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.327 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion:105 Resp: 228731
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.3 69.9





#85

sec-Butylbenzene

Concen: 21.511 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

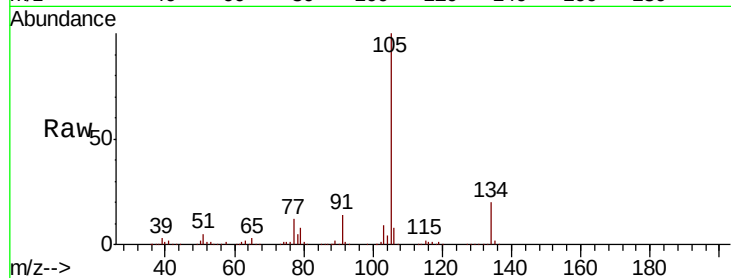
VY1030SBS01

Tot Ion:105 Resp: 281871

Ion Ratio Lower Upper

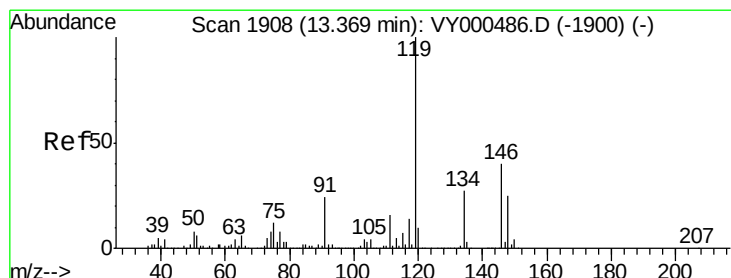
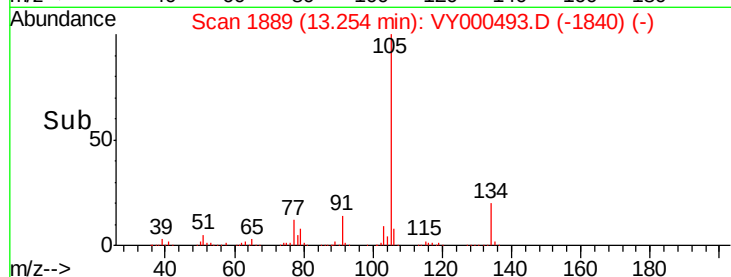
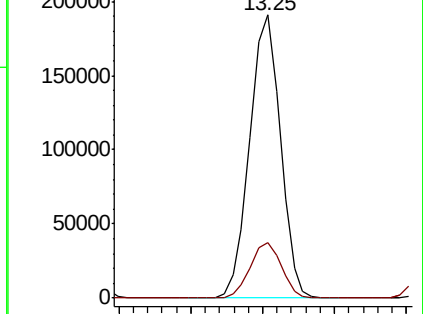
105 100

134 20.0 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: 21.129 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000493.D

Acq: 30 Oct 2019 16:16

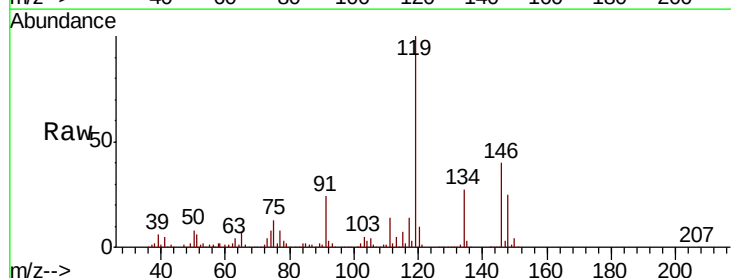
Tgt Ion:119 Resp: 246750

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

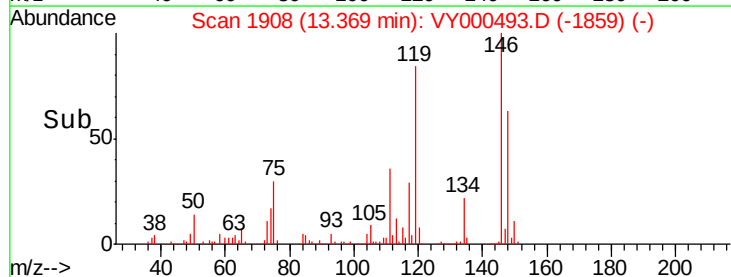
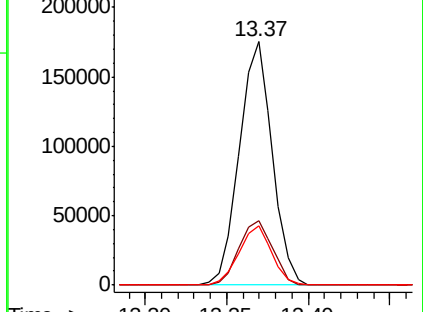
91 24.0 12.0 36.1

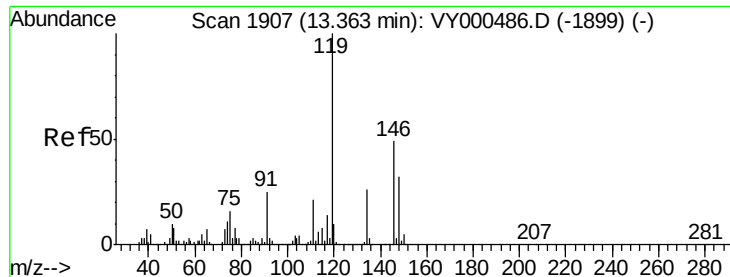


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

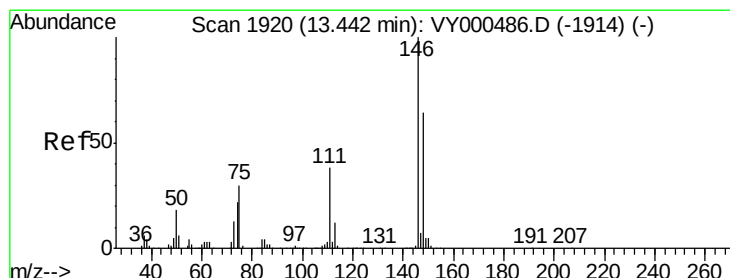
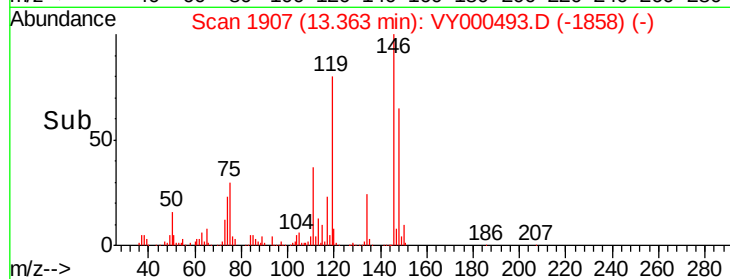
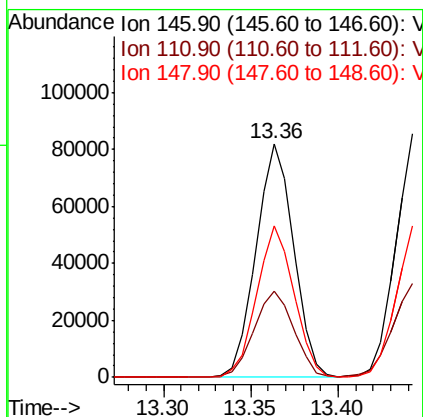
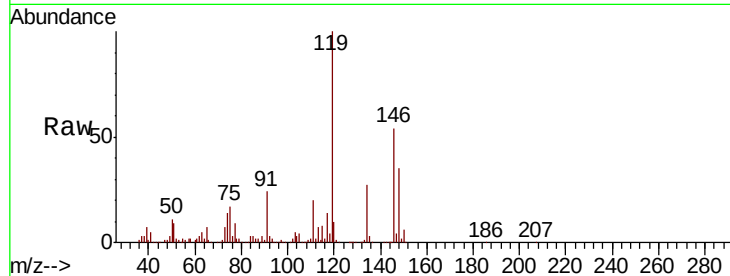




#87
 1,3-Dichlorobenzene
 Concen: 21.382 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

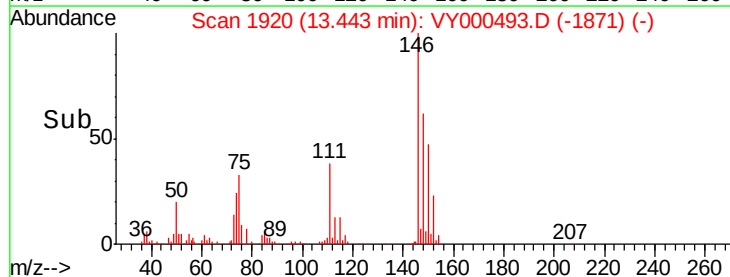
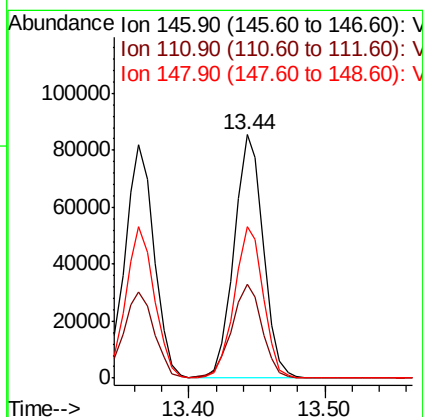
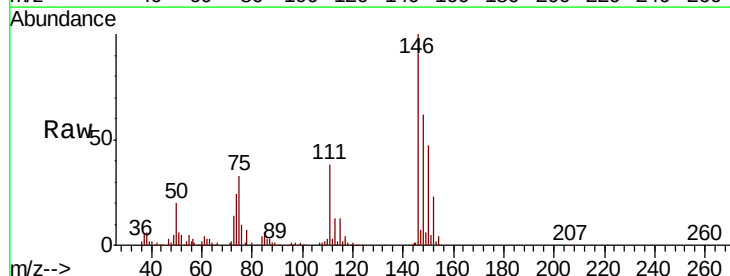
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

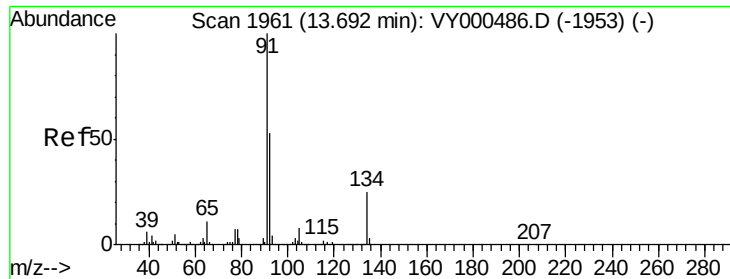
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.3	60.8
148	64.0	31.5	94.5



#88
 1,4-Dichlorobenzene
 Concen: 22.151 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.7	59.0
148	61.6	31.9	95.7

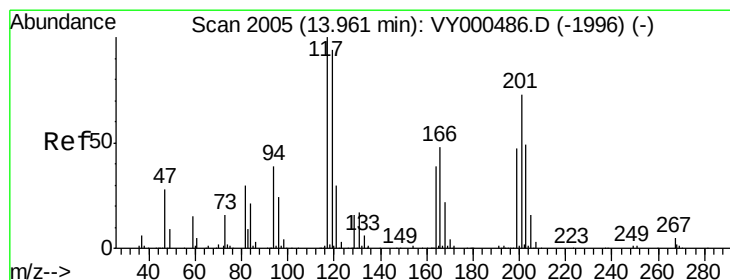
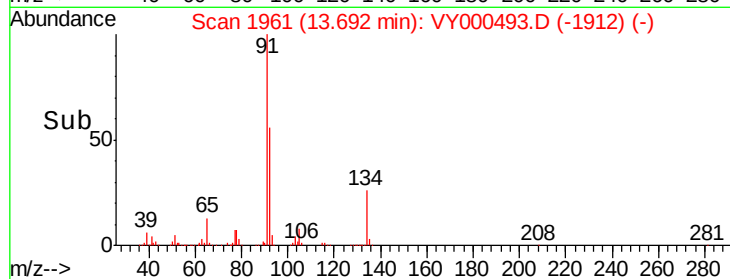
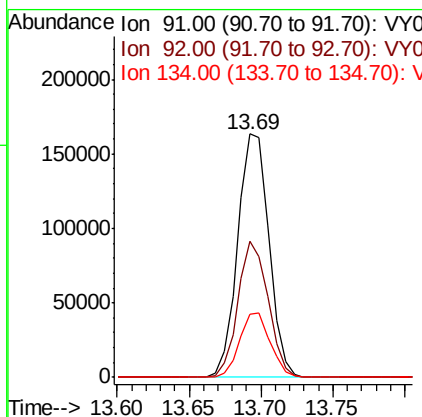
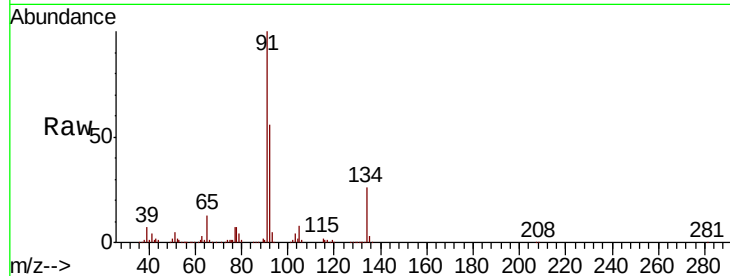




#89
n-Butylbenzene
Concen: 21.399 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

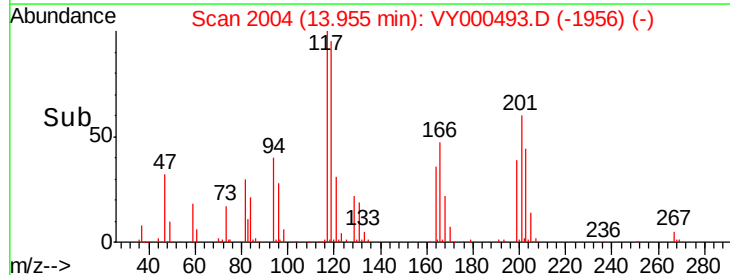
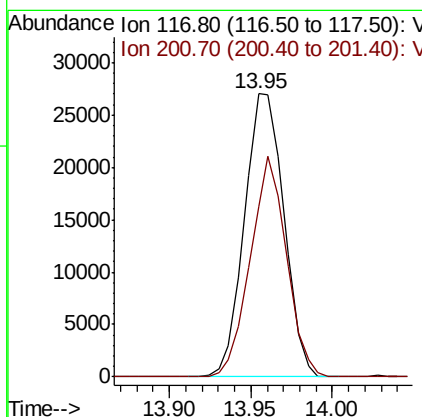
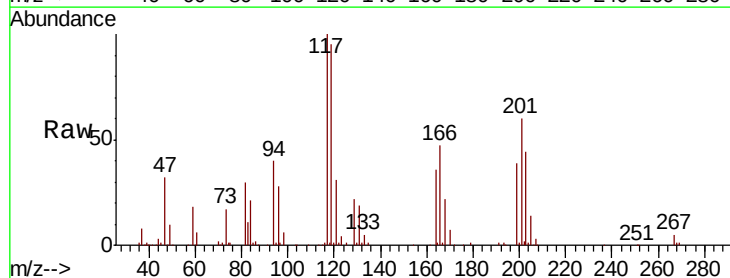
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

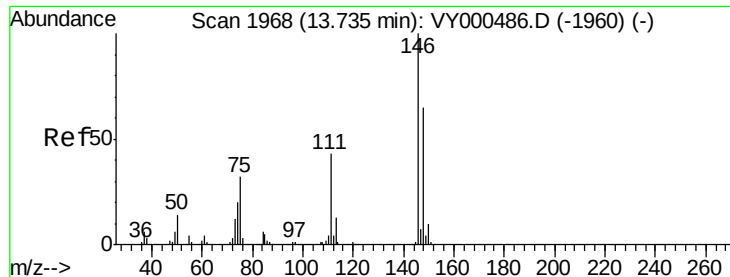
Tot Ion: 91 Resp: 246485
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.3
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 21.115 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion: 117 Resp: 45588
Ion Ratio Lower Upper
117 100
201 71.3 35.8 107.3

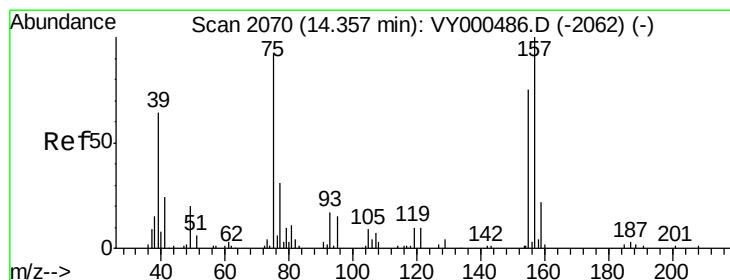
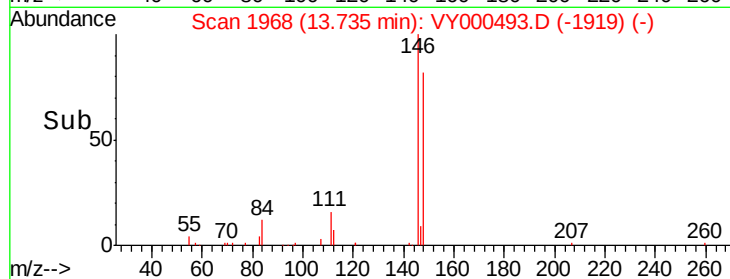
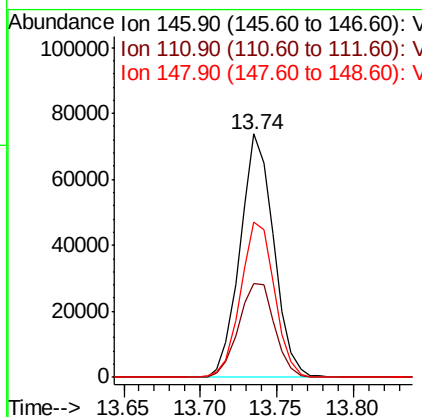
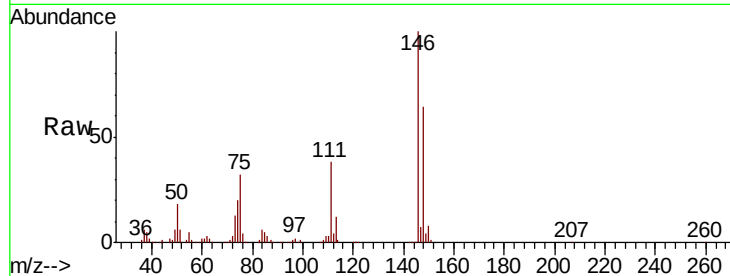




#91
 1,2-Dichlorobenzene
 Concen: 21.531 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

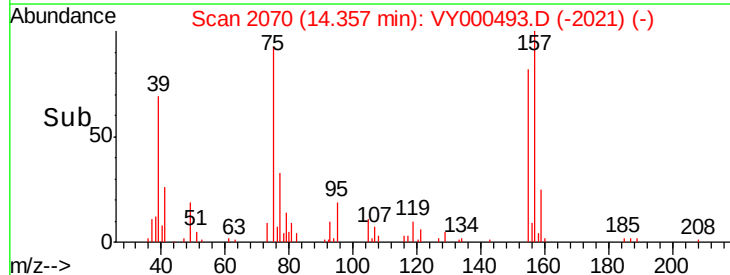
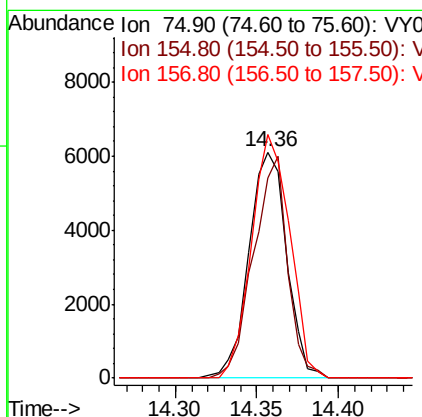
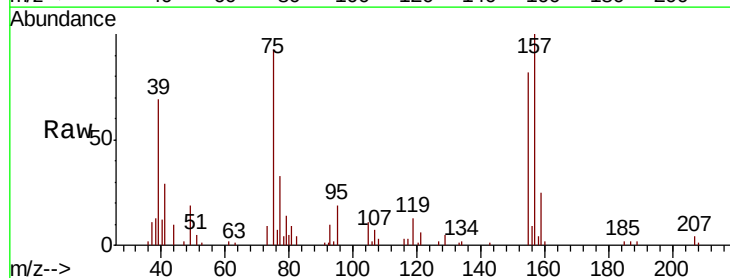
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

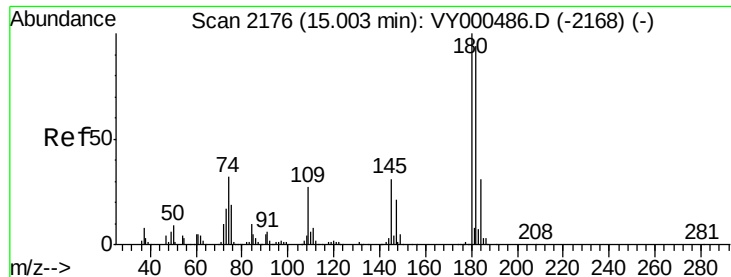
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	64.5	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.787 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.3	42.4	127.1
157	109.2	55.1	165.3

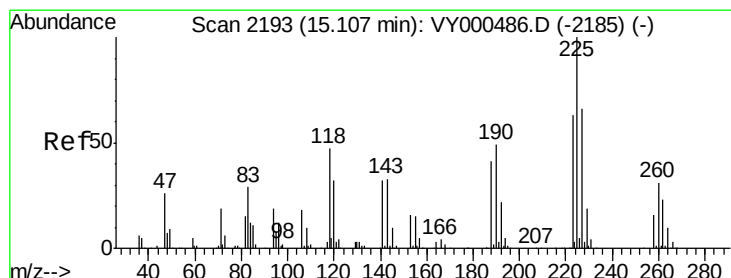
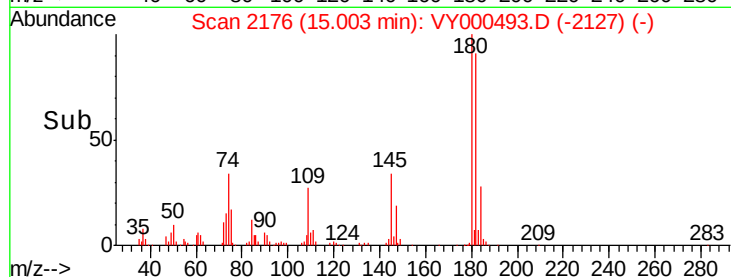
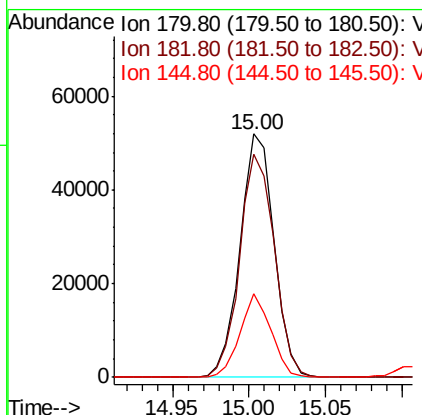
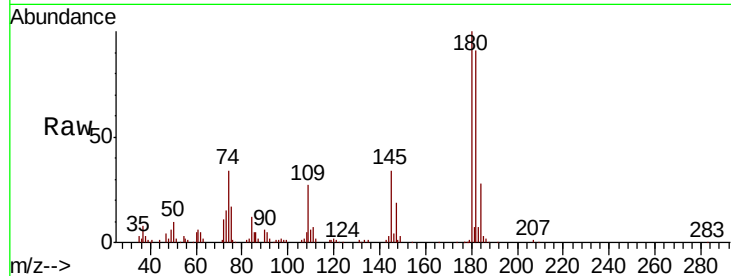




#93
 1,2,4-Trichlorobenzene
 Concen: 22.621 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

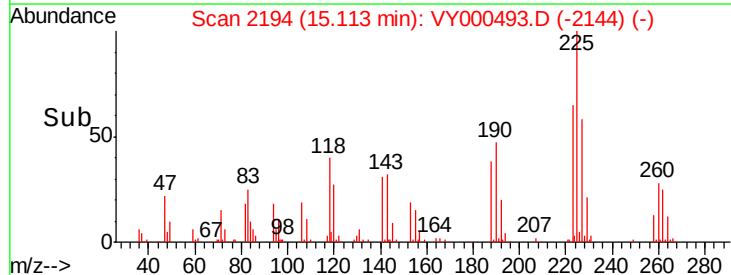
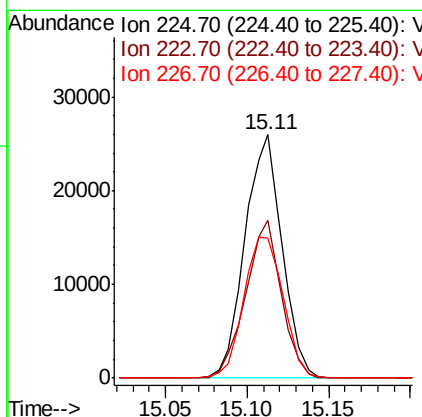
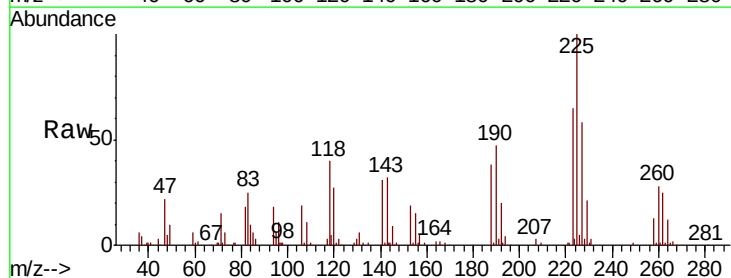
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

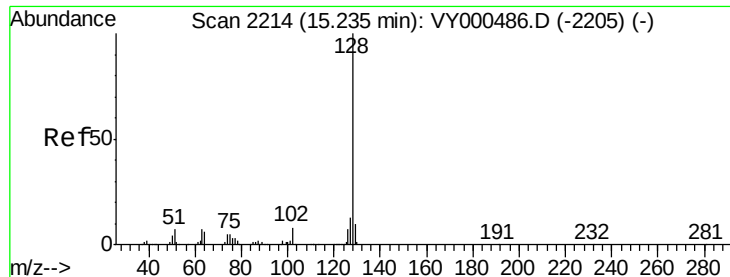
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.8	143.4
145	31.0	16.0	47.9



#94
 Hexachlorobutadiene
 Concen: 22.410 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000493.D
 Acq: 30 Oct 2019 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.3	93.8
227	61.8	32.4	97.0

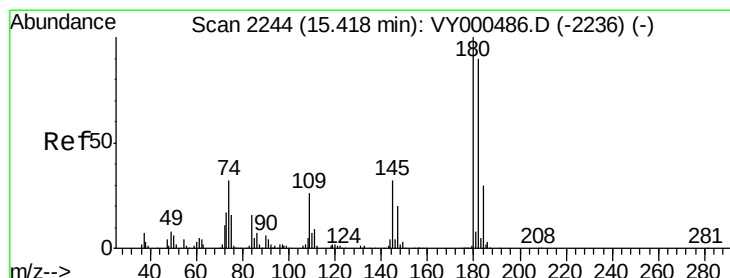
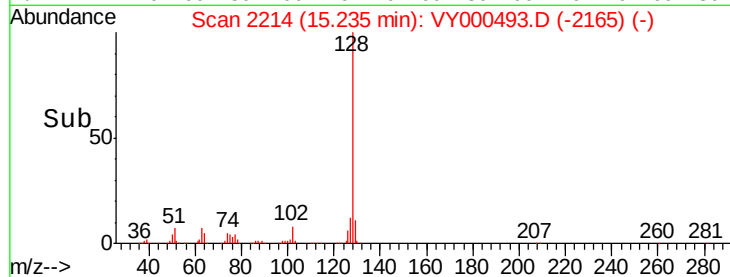
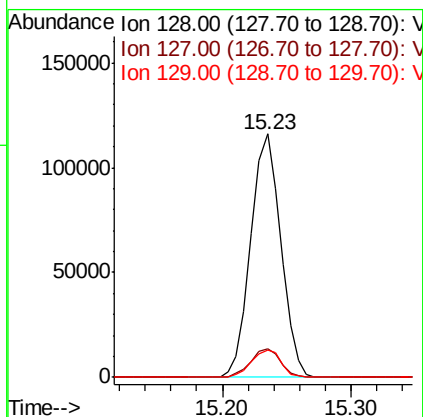
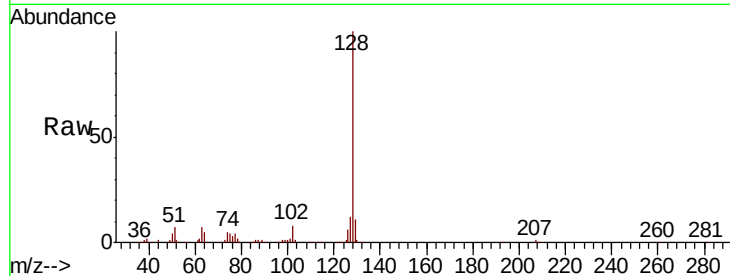




#95
Naphthalene
Concen: 23.791 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tot Ion:128 Resp: 187435
Ion Ratio Lower Upper
128 100
127 12.0 9.8 14.6
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.794 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000493.D
Acq: 30 Oct 2019 16:16

Tgt Ion:180 Resp: 69391
Ion Ratio Lower Upper
180 100
182 92.8 47.4 142.3
145 31.1 15.7 47.0

