

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000747.D
 Acq On : 20 Nov 2019 12:02
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 07:40:22 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	220322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	360975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	327382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	159034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	114461	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
35) Dibromofluoromethane	7.72	113	102590	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	10.18	98	417033	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.48	95	147649	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	37940	17.493	ug/l	98
3) Chloromethane	2.11	50	54648	18.291	ug/l	98
4) Vinyl Chloride	2.25	62	53743	19.371	ug/l	98
5) Bromomethane	2.65	94	38338	23.043	ug/l	98
6) Chloroethane	2.79	64	36270	20.888	ug/l	99
7) Trichlorofluoromethane	3.13	101	78751	21.018	ug/l	95
8) Diethyl Ether	3.53	74	25977	19.512	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.90	101	47339	20.898	ug/l	97
10) Methyl Iodide	4.09	142	50925	19.186	ug/l	98
11) Tert butyl alcohol	4.96	59	20080	90.472	ug/l	94
12) 1,1-Dichloroethene	3.87	96	44183	20.076	ug/l	100
13) Acrolein	3.74	56	12965	67.062	ug/l	97
14) Allyl chloride	4.48	41	74724	20.881	ug/l	98
15) Acrylonitrile	5.17	53	70269	103.033	ug/l	98
16) Acetone	3.96	43	55031	87.572	ug/l	100
17) Carbon Disulfide	4.19	76	131023	18.876	ug/l	100
18) Methyl Acetate	4.47	43	35336	18.085	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	120295	19.659	ug/l	98
20) Methylene Chloride	4.71	84	53309	19.798	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	50932	20.471	ug/l	95
22) Diisopropyl ether	6.12	45	166396	21.393	ug/l	97
23) Vinyl Acetate	6.07	43	521700	106.252	ug/l	100
24) 1,1-Dichloroethane	6.02	63	87486	20.762	ug/l	97
25) 2-Butanone	6.99	43	93518	93.248	ug/l	97
26) 2,2-Dichloropropane	6.99	77	78696	20.436	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	56871	20.904	ug/l	98
28) Bromochloromethane	7.34	49	21850	14.532	ug/l	94
29) Tetrahydrofuran	7.35	42	62255	101.469	ug/l	98
30) Chloroform	7.51	83	92357	21.666	ug/l	98
31) Cyclohexane	7.79	56	88128	19.968	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	77632	20.435	ug/l	99
36) 1,1-Dichloropropene	7.93	75	71502	20.953	ug/l	99
37) Ethyl Acetate	7.08	43	43930	21.683	ug/l	99
38) Carbon Tetrachloride	7.90	117	69807	21.259	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
 Data File : VY000747.D
 Acq On : 20 Nov 2019 12:02
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 07:40:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	91204	20.687	ug/l	97
40) Benzene	8.17	78	209915	20.982	ug/l	97
41) Methacrylonitrile	7.36	41	57414	50.799	ug/l #	7
42) 1,2-Dichloroethane	8.24	62	59597	21.003	ug/l	100
43) Isopropyl Acetate	8.28	43	78772	20.698	ug/l	99
44) Trichloroethene	8.95	130	54817	20.781	ug/l	87
45) 1,2-Dichloropropane	9.22	63	52995	21.522	ug/l	96
46) Dibromomethane	9.31	93	29675	21.914	ug/l	93
47) Bromodichloromethane	9.50	83	67141	20.895	ug/l	97
48) Methyl methacrylate	9.30	41	35482	21.338	ug/l	95
49) 1,4-Dioxane	9.31	88	7371	404.438	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	211116	104.333	ug/l	99
52) Toluene	10.24	92	132256	20.909	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	72258	21.046	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	79989	20.337	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	40495	20.675	ug/l	96
56) Ethyl methacrylate	10.51	69	58122	20.937	ug/l	98
57) 1,3-Dichloropropane	10.79	76	72668	21.198	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	134304	107.012	ug/l	98
59) 2-Hexanone	10.83	43	148529	100.746	ug/l	98
60) Dibromochloromethane	10.99	129	44478	19.825	ug/l	100
61) 1,2-Dibromoethane	11.09	107	39966	21.222	ug/l	99
64) Tetrachloroethene	10.72	164	57799	21.351	ug/l	98
65) Chlorobenzene	11.52	112	142034	21.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	48309	20.985	ug/l	99
67) Ethyl Benzene	11.59	91	258720	21.179	ug/l	99
68) m/p-Xylenes	11.70	106	193026	40.825	ug/l	95
69) o-Xylene	12.03	106	90284	20.318	ug/l	99
70) Styrene	12.04	104	157377	20.683	ug/l	98
71) Bromoform	12.21	173	26783	20.228	ug/l #	96
73) Isopropylbenzene	12.33	105	249559	21.232	ug/l	98
74) N-amyl acetate	12.14	43	70482	20.938	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	48519	20.848	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	69220	38.226	ug/l #	100
77) Bromobenzene	12.61	156	57888	21.718	ug/l	95
78) n-propylbenzene	12.67	91	304929	21.501	ug/l	99
79) 2-Chlorotoluene	12.75	91	165017	20.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	209064	21.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	16901	20.927	ug/l	97
82) 4-Chlorotoluene	12.85	91	173746	21.289	ug/l	99
83) tert-Butylbenzene	13.07	119	177988	21.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	212519	21.804	ug/l	100
85) sec-Butylbenzene	13.25	105	259719	21.810	ug/l	98
86) p-Isopropyltoluene	13.37	119	226991	21.387	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	111018	21.265	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	111930	21.455	ug/l	100
89) n-Butylbenzene	13.69	91	230365	22.007	ug/l	98
90) Hexachloroethane	13.95	117	41355	21.077	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	104007	21.957	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8388	20.365	ug/l	92

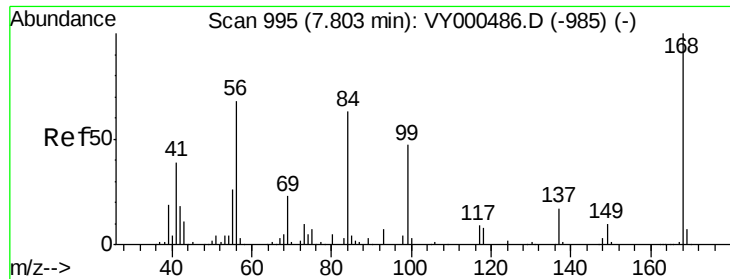
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112019\
Data File : VY000747.D
Acq On : 20 Nov 2019 12:02
Operator : SY/MD
Sample : VY1120SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 21 07:40:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	67434	20.908	ug/l	99
94) Hexachlorobutadiene	15.11	225	36408	21.899	ug/l	96
95) Naphthalene	15.23	128	150717	21.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	61089	21.112	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

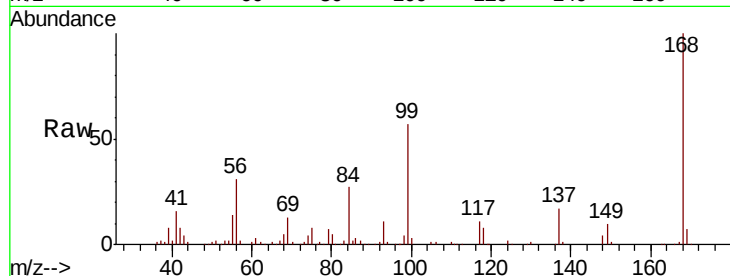
ClientSampleId :

Tot Ion:168 Resp: 220322

Ion Ratio Lower Upper

168 100

99 56.9 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

100000

80000

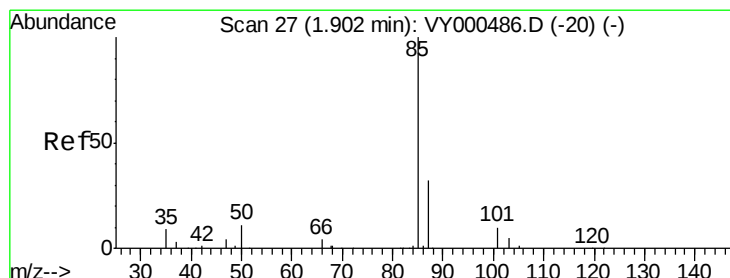
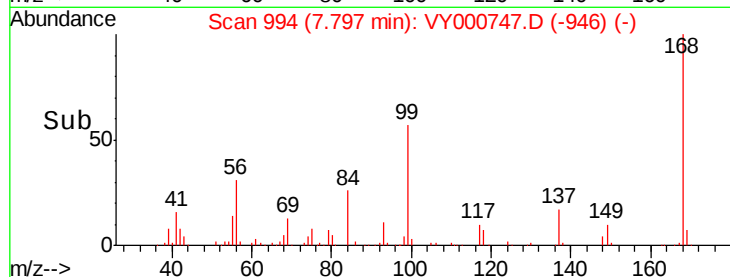
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.493 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000747.D

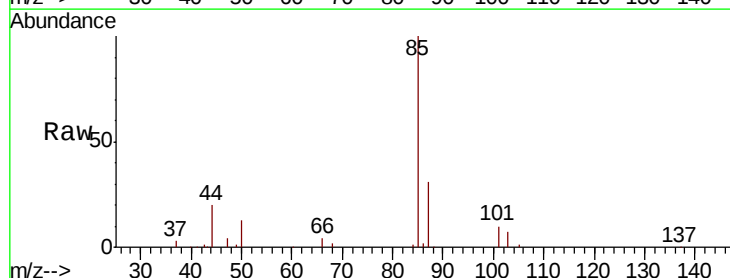
Acq: 20 Nov 2019 12:02

Tgt Ion: 85 Resp: 37940

Ion Ratio Lower Upper

85 100

87 30.7 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

25000

20000

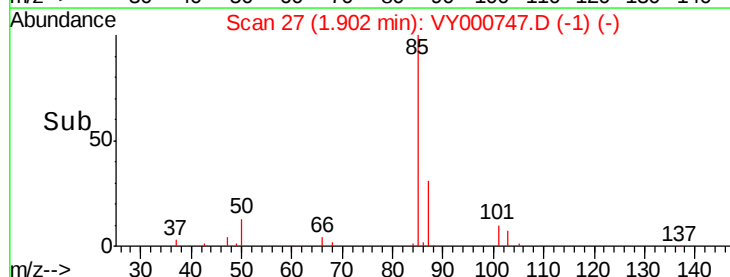
15000

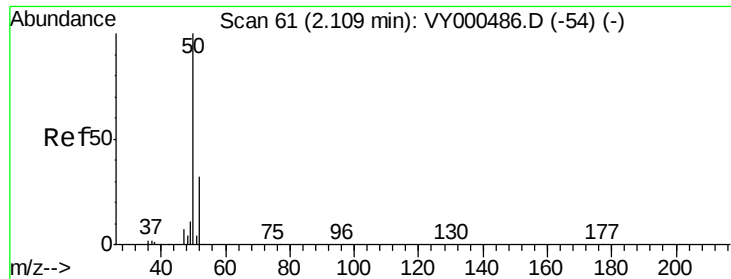
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.291 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

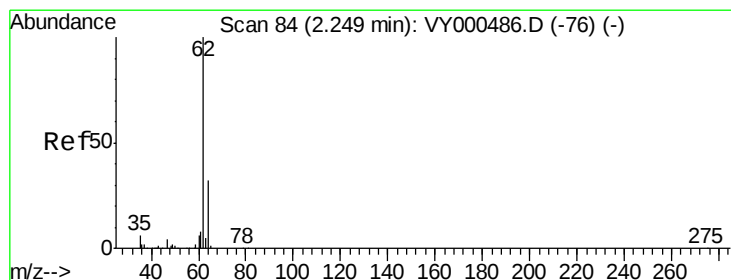
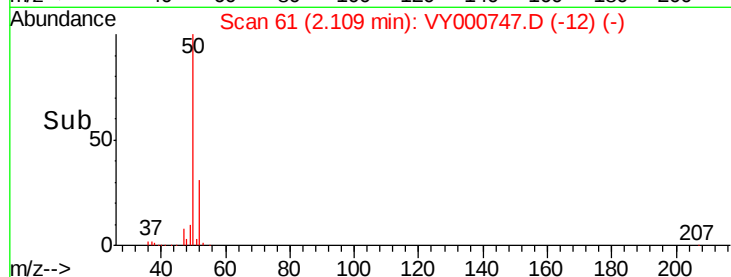
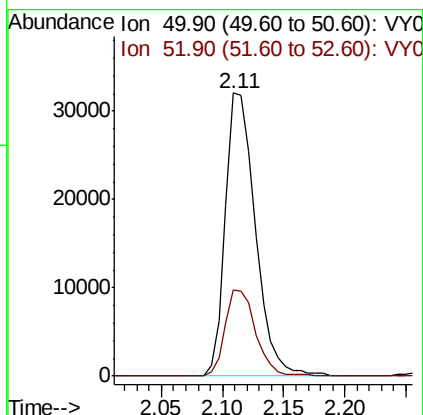
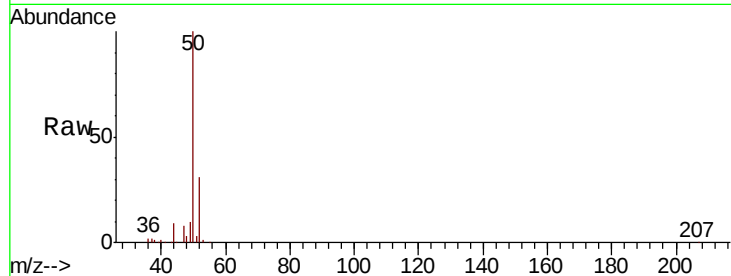
ClientSampleId :

Tot Ion: 50 Resp: 54648

Ion Ratio Lower Upper

50 100

52 30.6 25.2 37.8



#4

Vinyl Chloride

Concen: 19.371 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000747.D

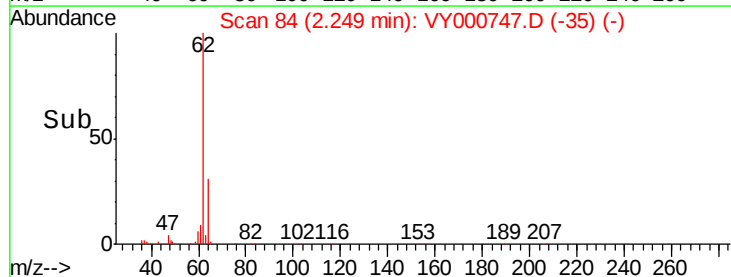
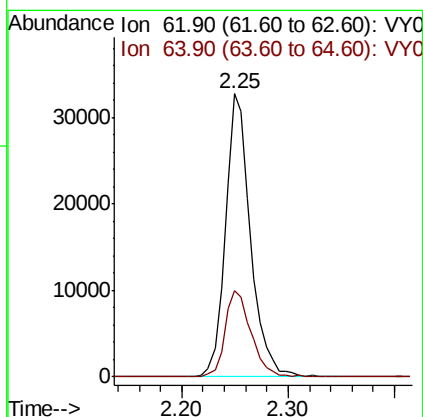
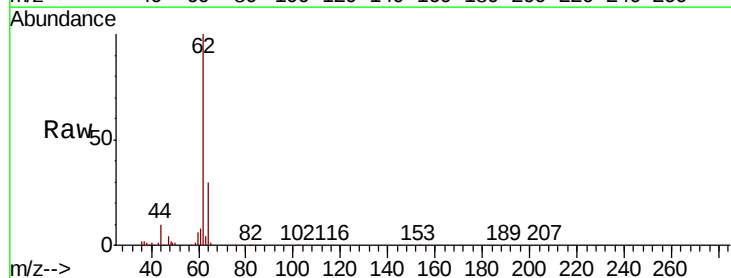
Acq: 20 Nov 2019 12:02

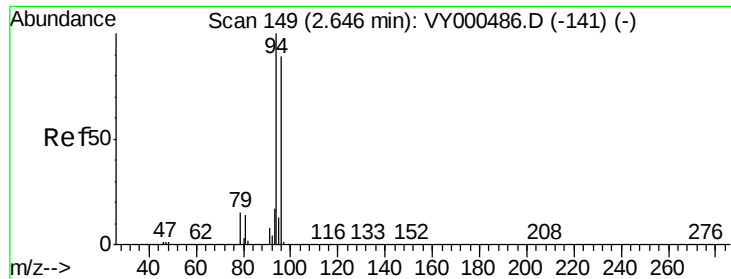
Tgt Ion: 62 Resp: 53743

Ion Ratio Lower Upper

62 100

64 30.5 25.2 37.8





#5

Bromomethane

Concen: 23.043 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

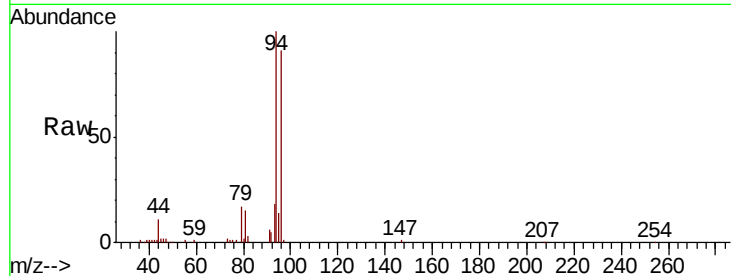
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 38338

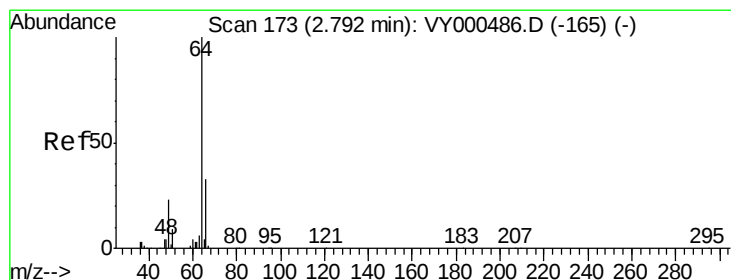
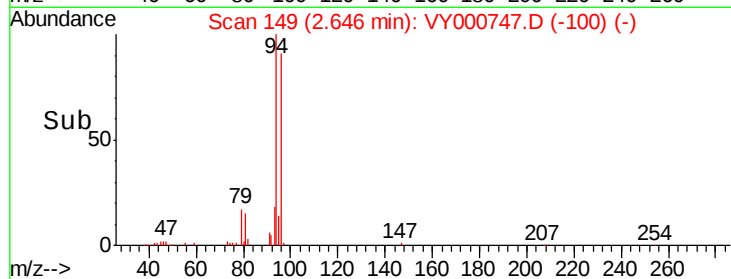
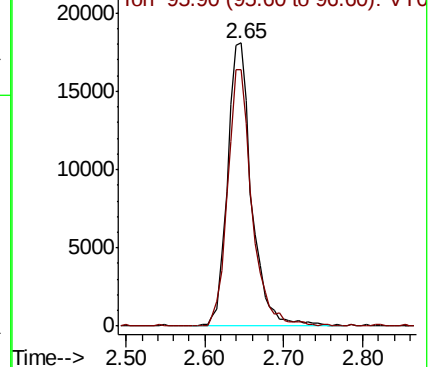
Ion Ratio Lower Upper

94 100

96 90.8 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: 20.888 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000747.D

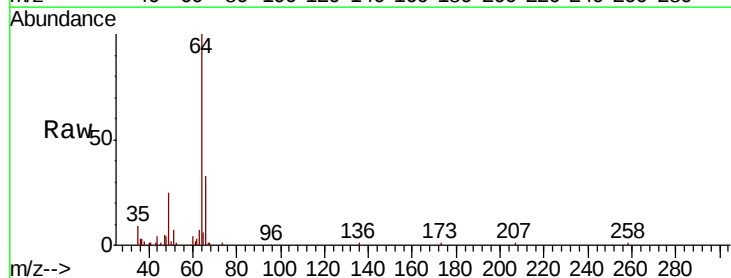
Acq: 20 Nov 2019 12:02

Tgt Ion: 64 Resp: 36270

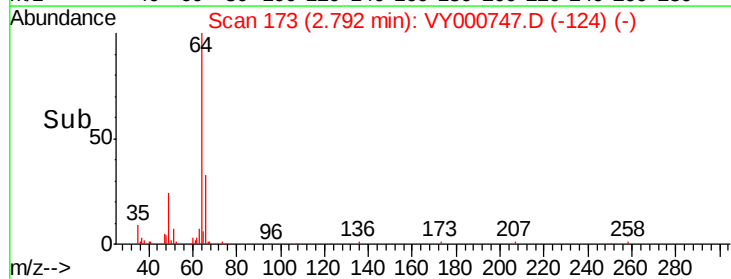
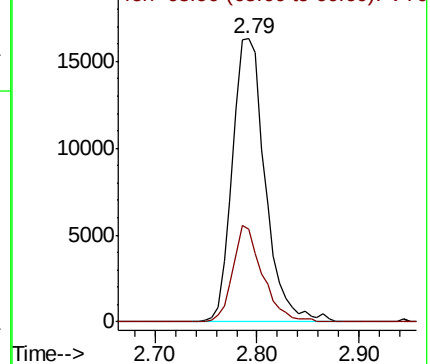
Ion Ratio Lower Upper

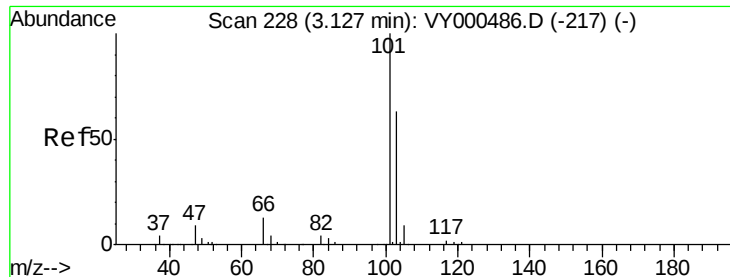
64 100

66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



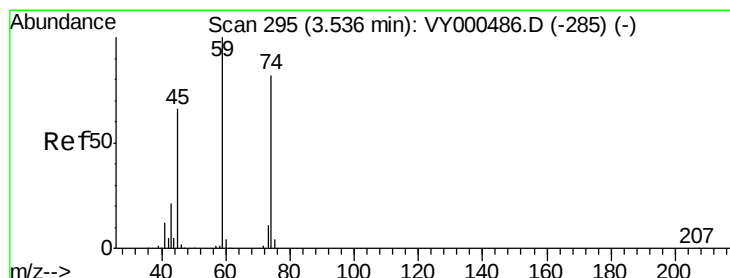
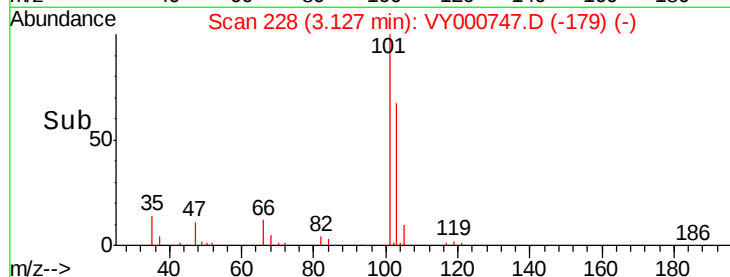
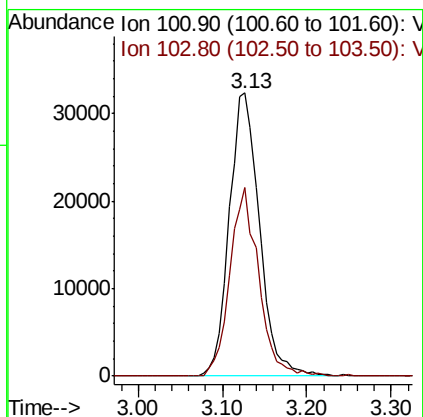
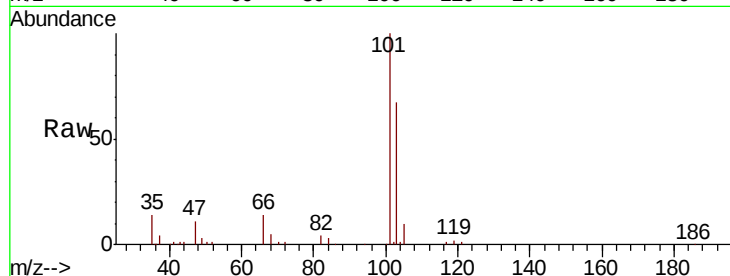


#7

Trichlorofluoromethane
 Concen: 21.018 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :

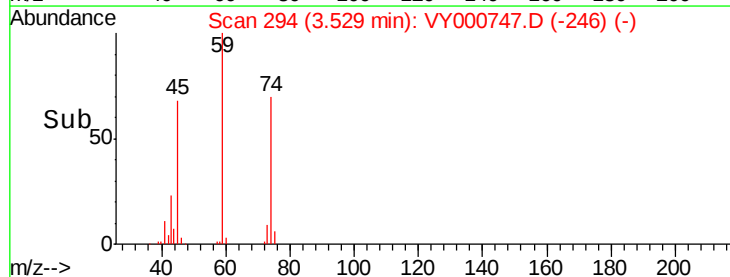
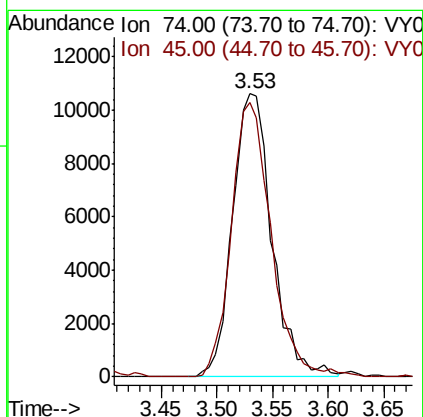
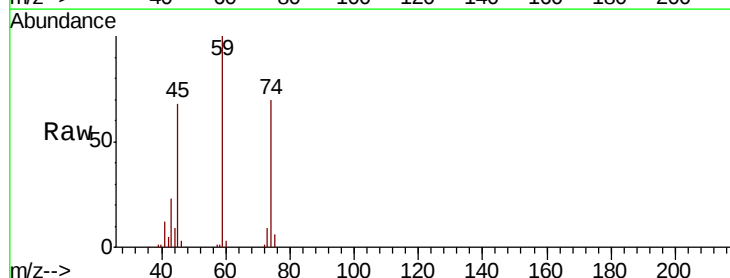
Tot Ion:101 Resp: 78751
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.5 75.7



#8

Diethyl Ether
 Concen: 19.512 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion: 74 Resp: 25977
 Ion Ratio Lower Upper
 74 100
 45 98.3 45.5 136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.898 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

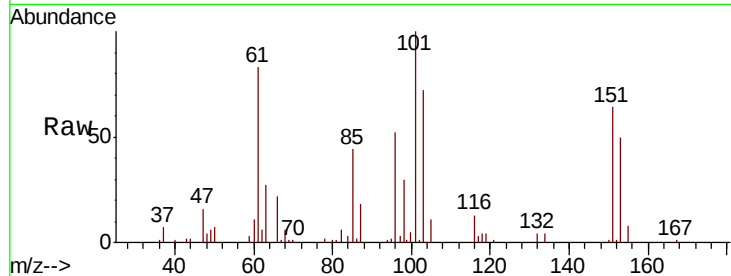
Tot Ion:101 Resp: 47339

Ion Ratio Lower Upper

101 100

85 46.7 36.7 55.1

151 77.1 64.3 96.5

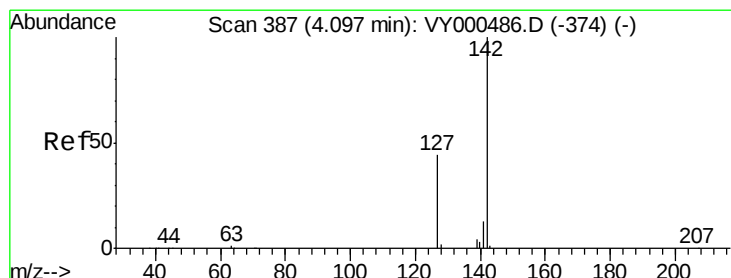
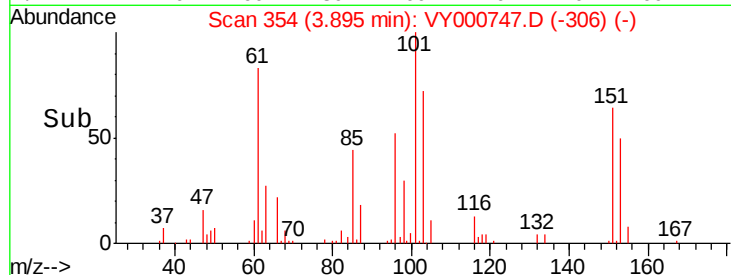
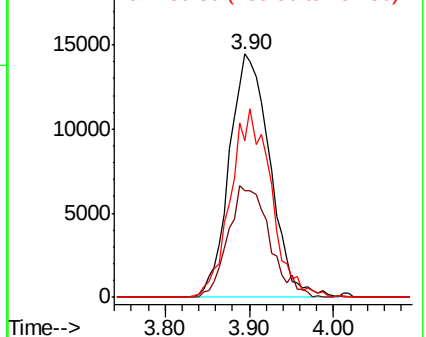


Abundance

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: 19.186 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

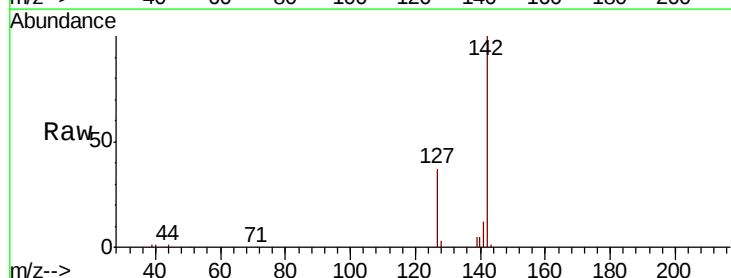
Tgt Ion:142 Resp: 50925

Ion Ratio Lower Upper

142 100

127 43.4 33.7 50.5

141 14.2 10.9 16.3

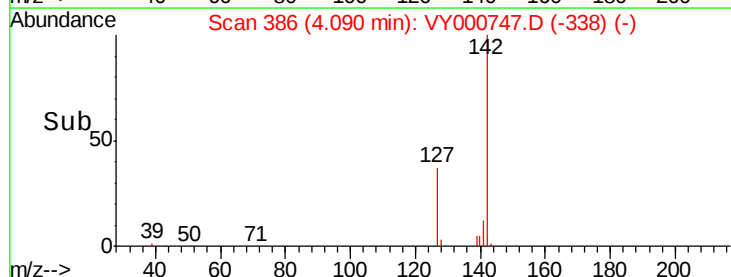
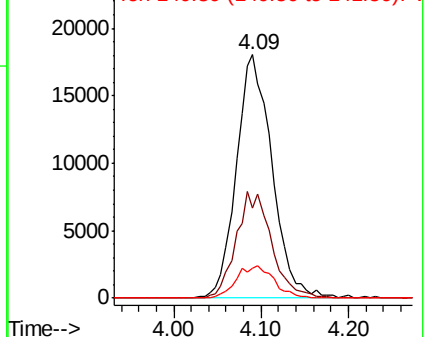


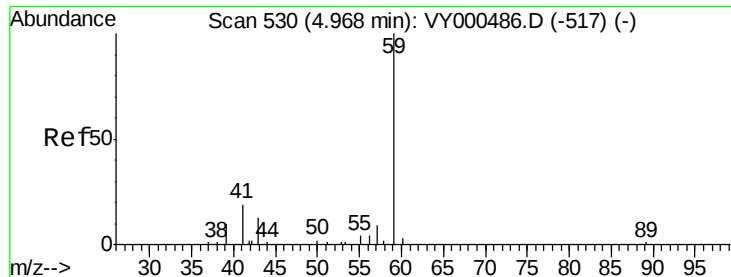
Abundance

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



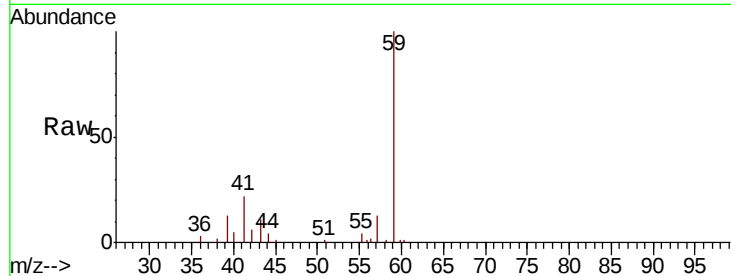


#11

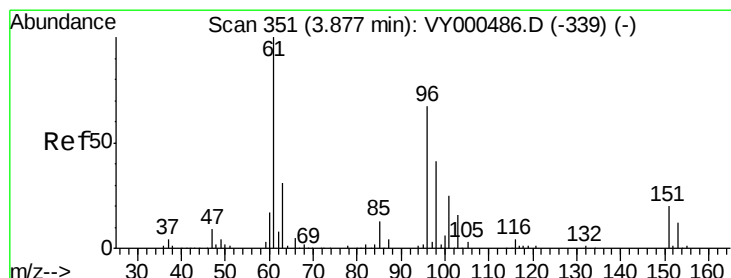
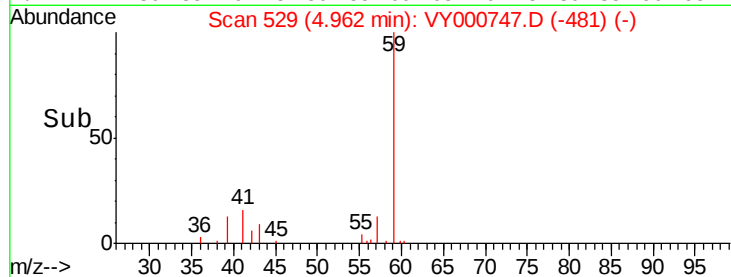
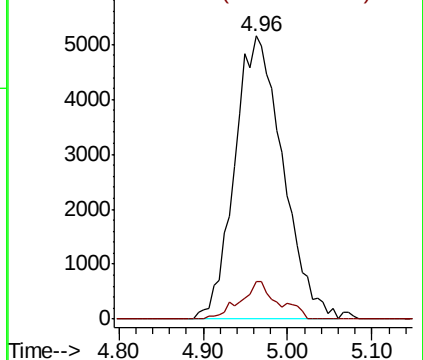
Tert butyl alcohol
 Concen: 90.472 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 59 Resp: 20080
 Ion Ratio Lower Upper
 59 100
 57 8.6 8.6 12.8



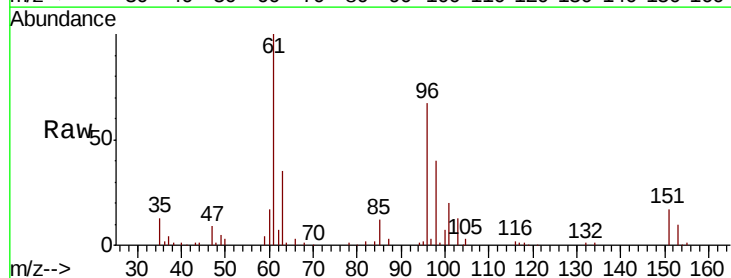
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



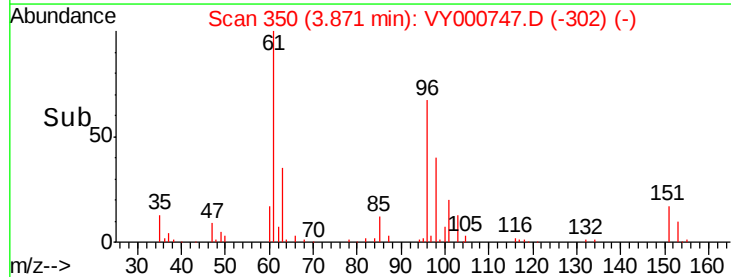
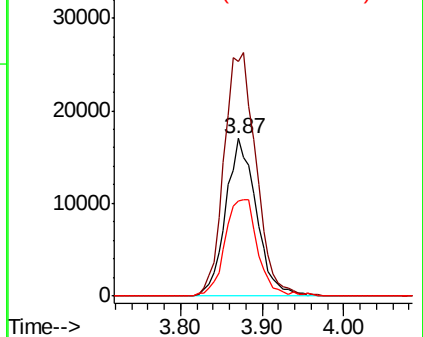
#12

1,1-Dichloroethene
 Concen: 20.076 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion: 96 Resp: 44183
 Ion Ratio Lower Upper
 96 100
 61 149.2 119.2 178.8
 98 60.1 48.6 73.0



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





#13

Acrolein

Concen: 67.062 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

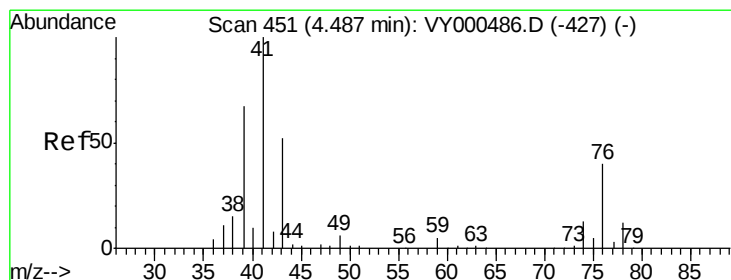
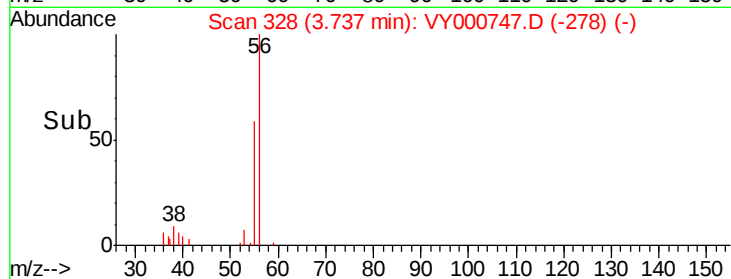
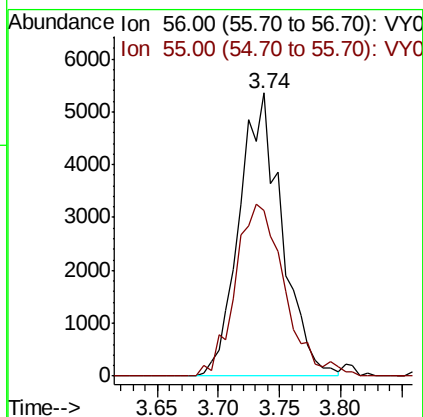
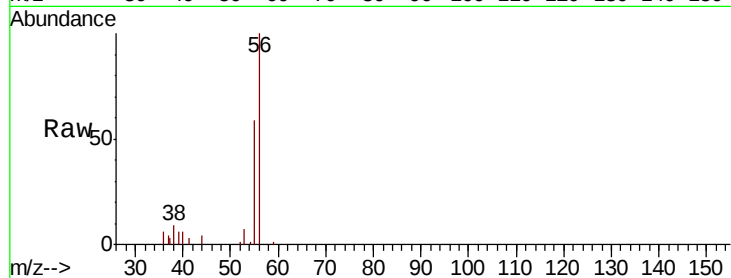
ClientSampleId :

Tot Ion: 56 Resp: 12965

Ion Ratio Lower Upper

56 100

55 68.5 57.0 85.6



#14

Allyl chloride

Concen: 20.881 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

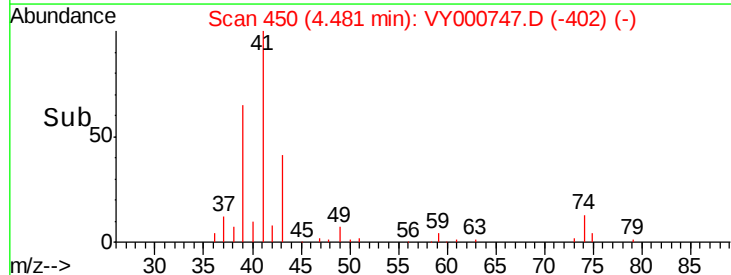
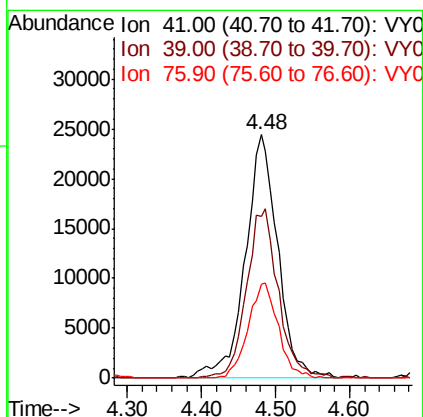
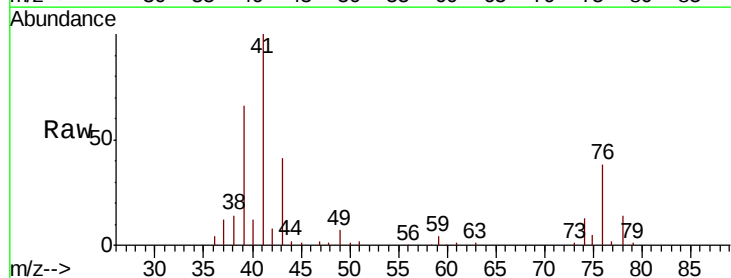
Tgt Ion: 41 Resp: 74724

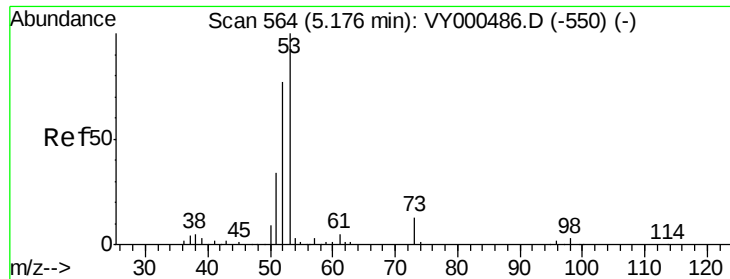
Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

76 36.2 29.8 44.6





#15

Acrylonitrile

Concen: 103.033 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

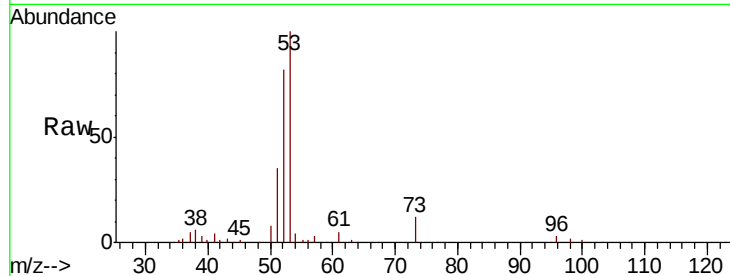
Tot Ion: 53 Resp: 70269

Ion Ratio Lower Upper

53 100

52 78.7 64.9 97.3

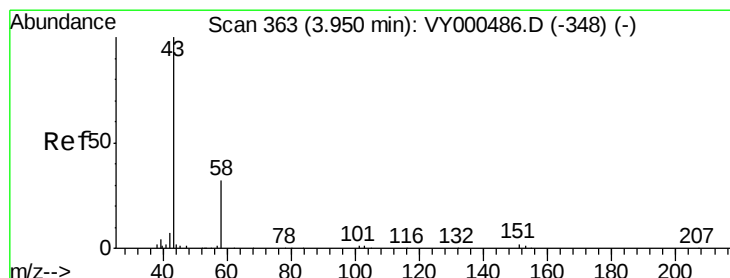
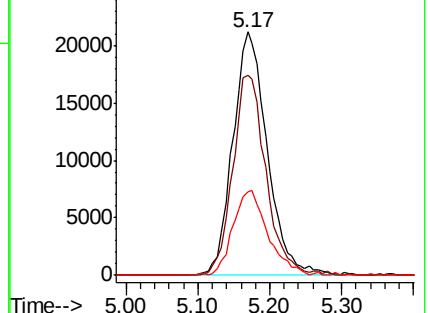
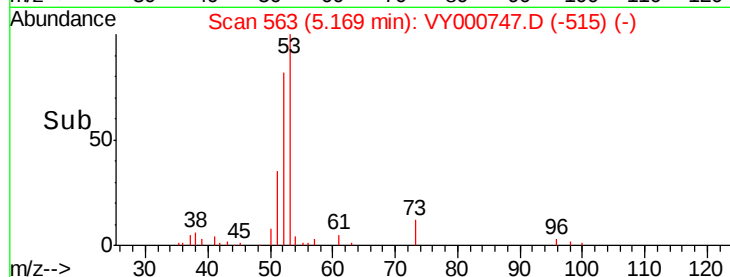
51 35.3 27.6 41.4



Abundance Ion 53.00 (52.70 to 53.70): VY000747.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY000747.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY000747.D (-515) (-)



#16

Acetone

Concen: 87.572 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY000747.D

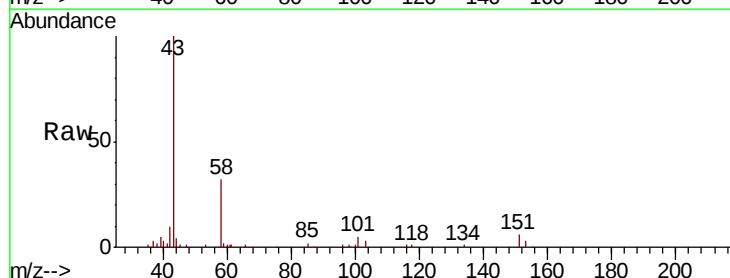
Acq: 20 Nov 2019 12:02

Tgt Ion: 43 Resp: 55031

Ion Ratio Lower Upper

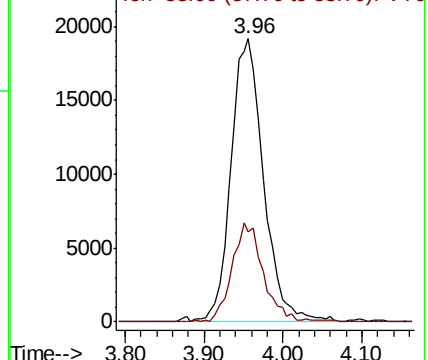
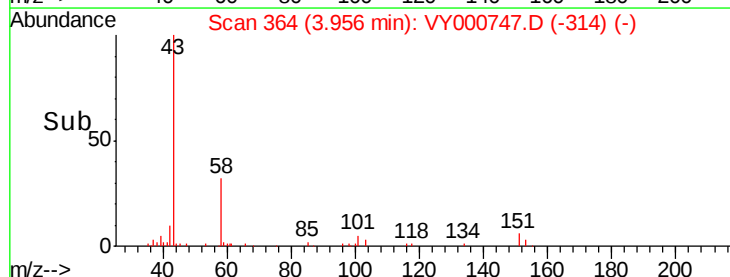
43 100

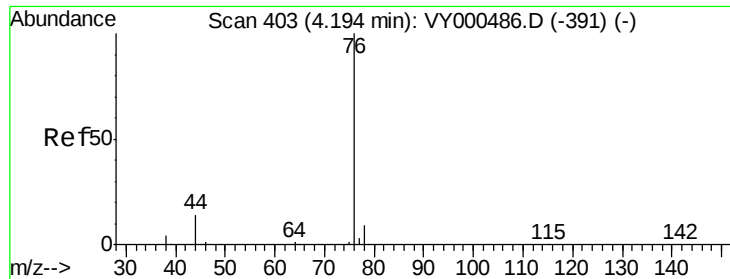
58 32.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000747.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY000747.D (-314) (-)

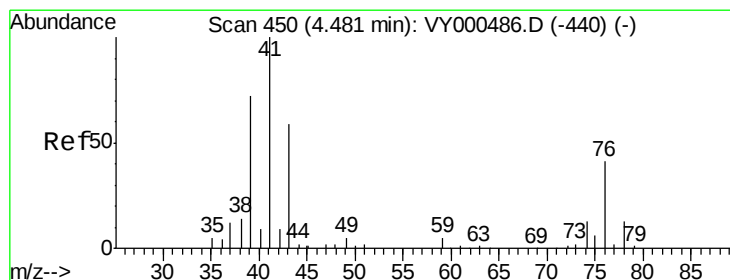
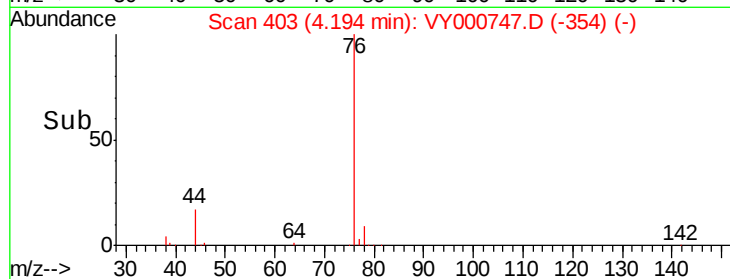
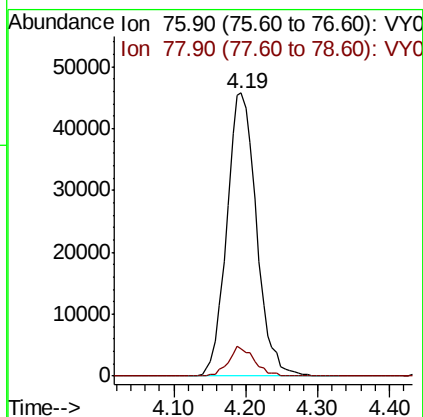
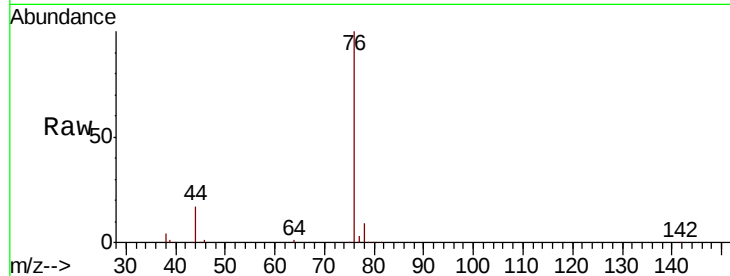




#17
Carbon Disulfide
Concen: 18.876 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

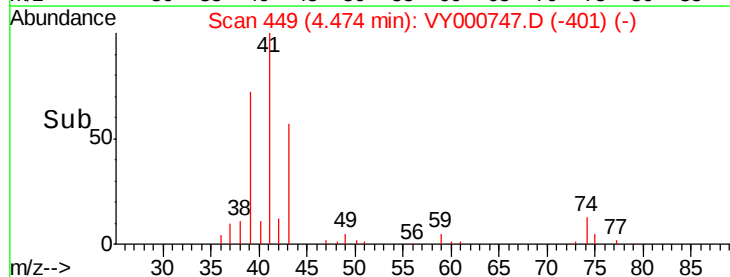
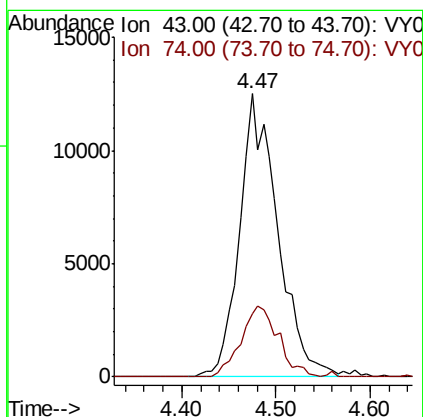
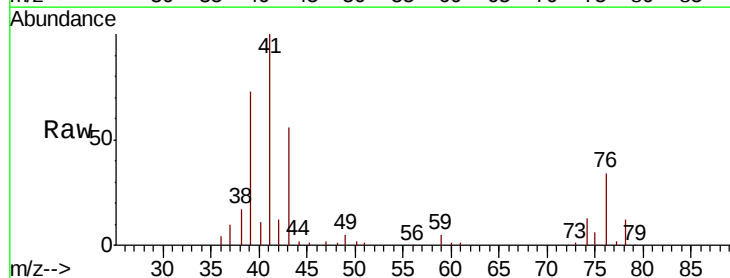
Instrument :
MSVOA_Y
ClientSampled :

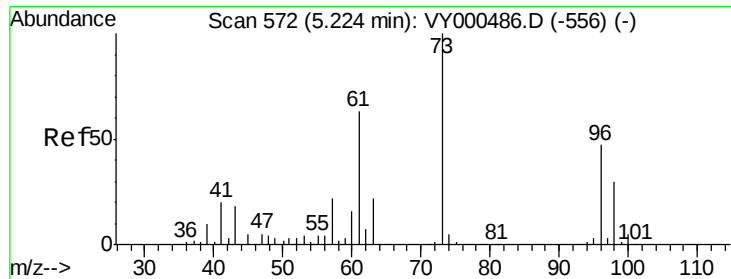
Tot Ion: 76 Resp: 131023
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 18.085 ug/l
RT: 4.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 43 Resp: 35336
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8

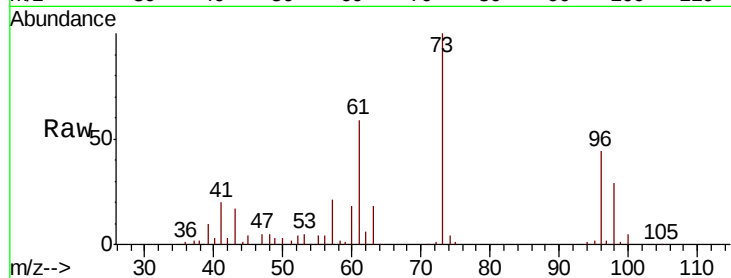




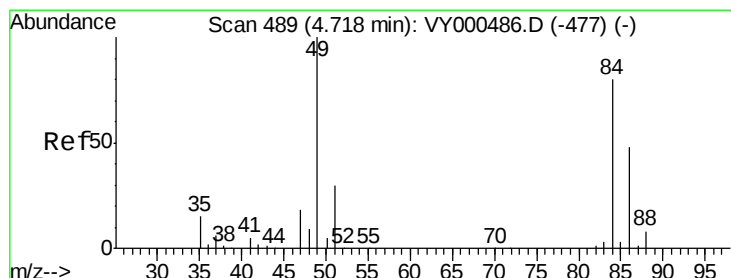
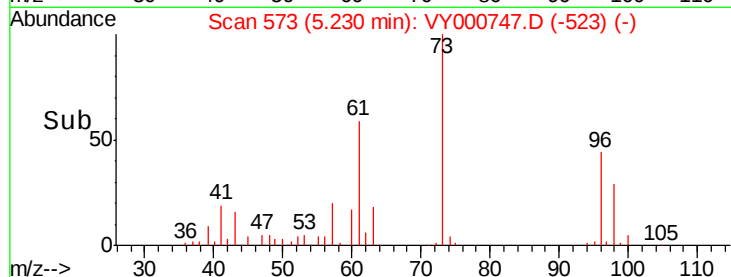
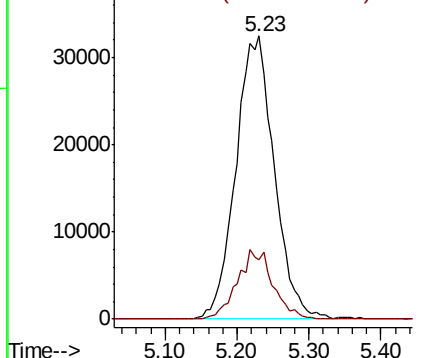
#19
Methyl tert-butyl Ether
Concen: 19.659 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 73 Resp: 120295
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

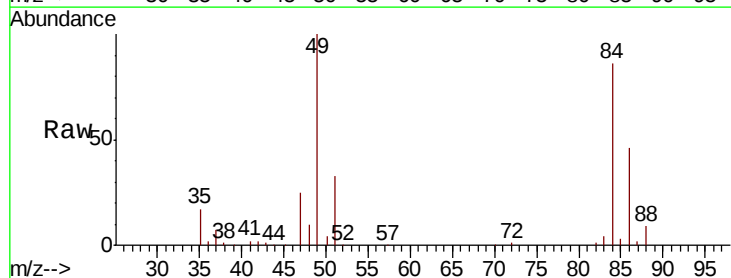


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

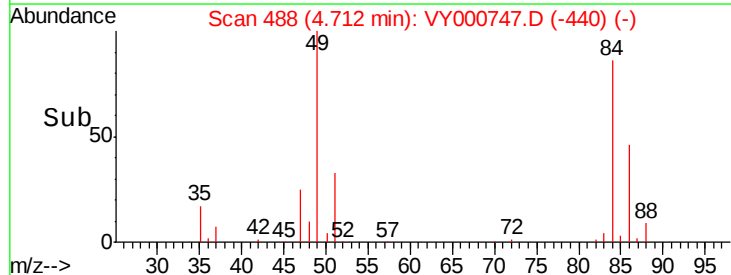
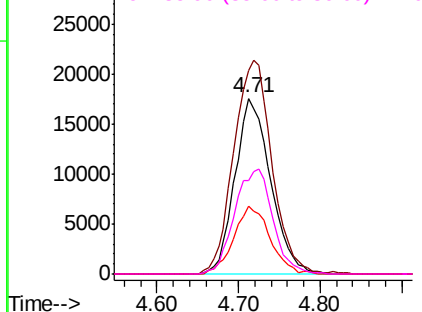


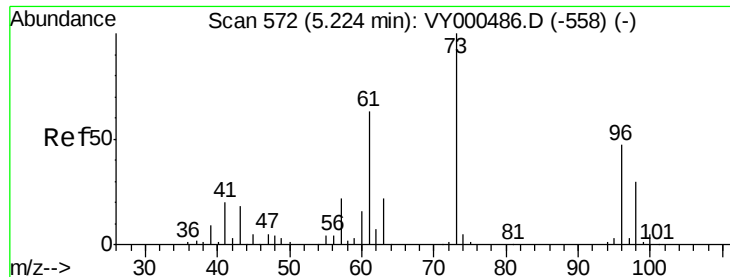
#20
Methylene Chloride
Concen: 19.798 ug/l
RT: 4.71 min Scan# 488
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 84 Resp: 53309
Ion Ratio Lower Upper
84 100
49 116.3 100.2 150.4
51 38.6 29.6 44.4
86 53.1 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

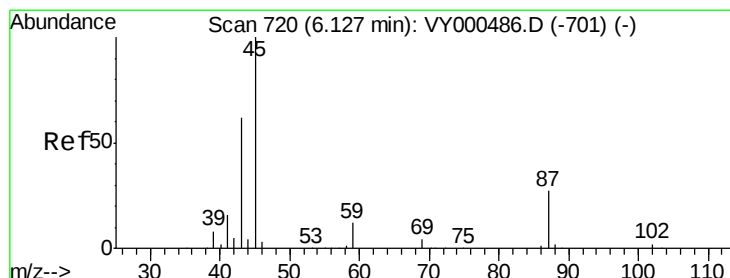
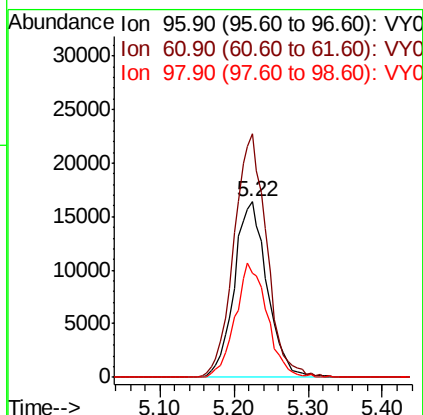
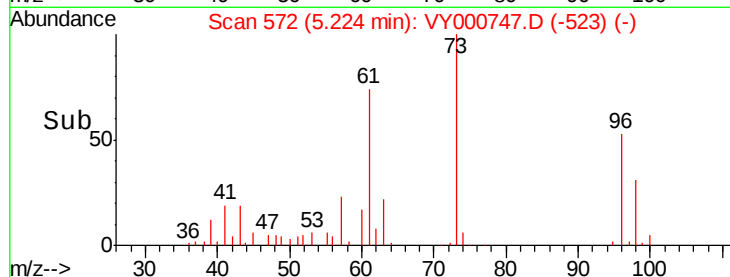
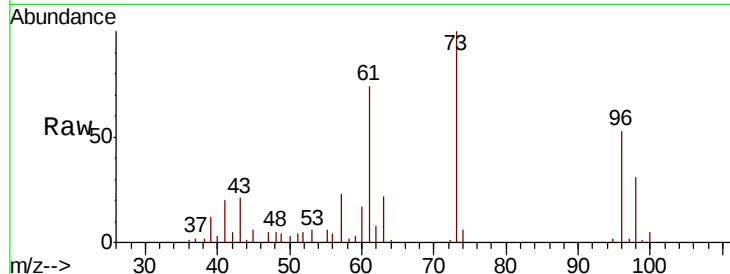




#21
trans-1,2-Dichloroethene
Concen: 20.471 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

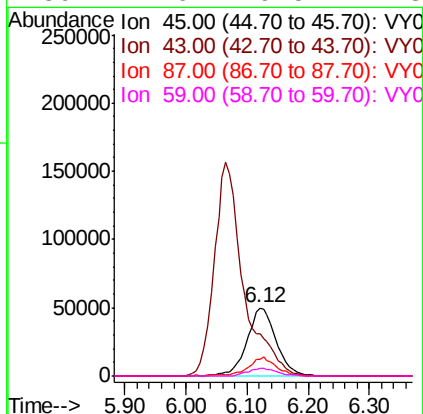
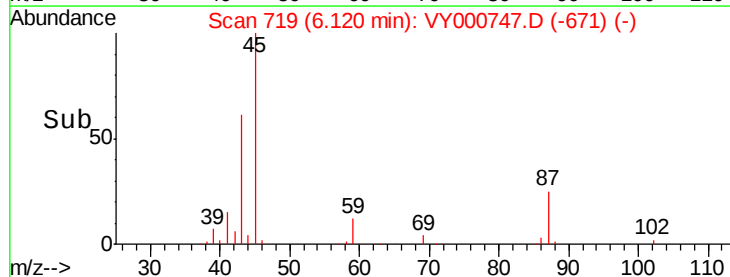
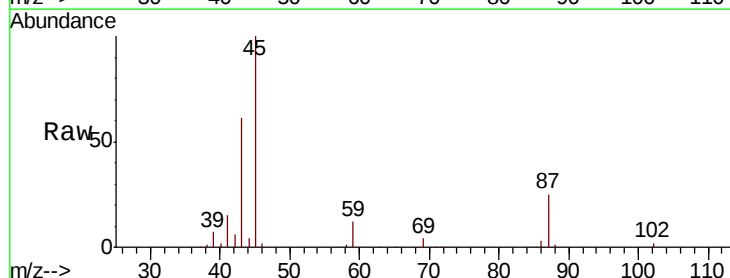
Instrument :
MSVOA_Y
ClientSampleId :

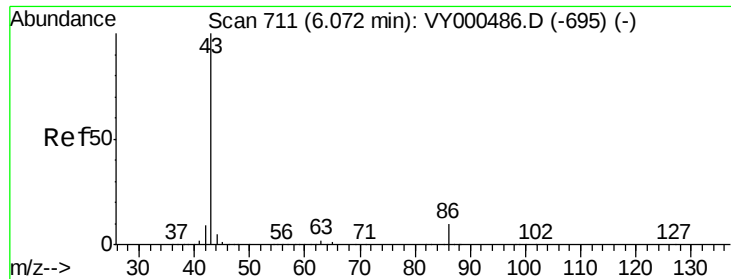
Tot Ion: 96 Resp: 50932
Ion Ratio Lower Upper
96 100
61 138.8 106.6 160.0
98 59.4 50.6 76.0



#22
Diisopropyl ether
Concen: 21.393 ug/l
RT: 6.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 45 Resp: 166396
Ion Ratio Lower Upper
45 100
43 60.6 50.0 75.0
87 24.9 21.6 32.4
59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 106.252 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

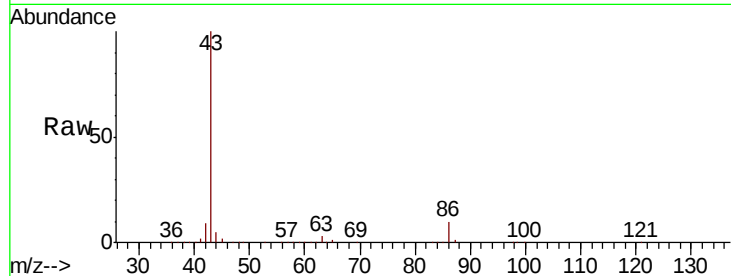
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 521700

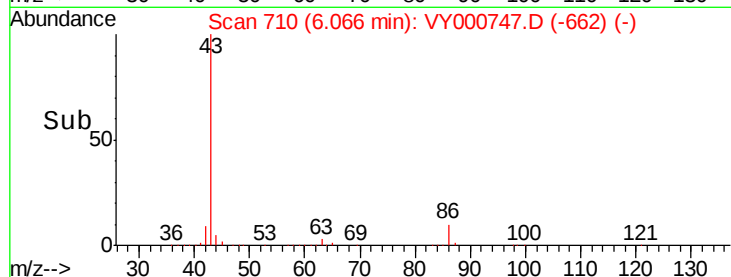
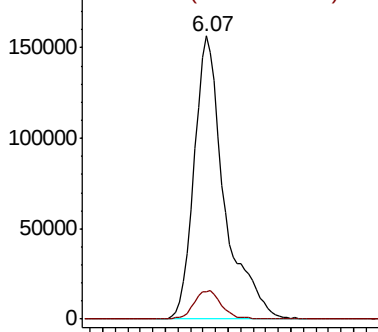
Ion Ratio Lower Upper

43 100

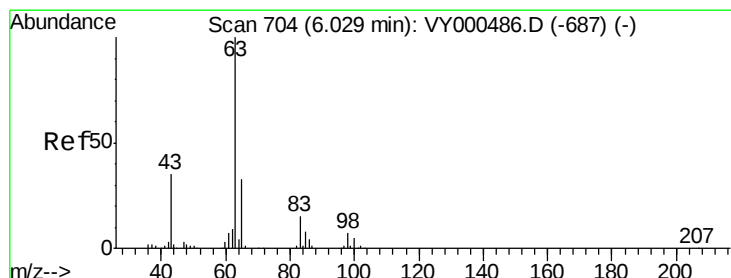
86 9.6 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 20.762 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

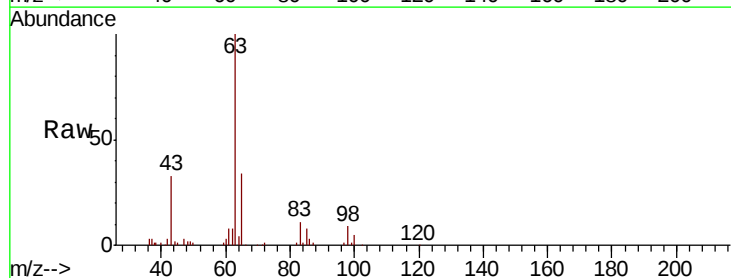
Tgt Ion: 63 Resp: 87486

Ion Ratio Lower Upper

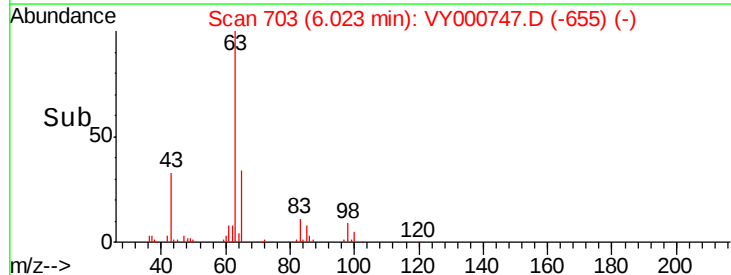
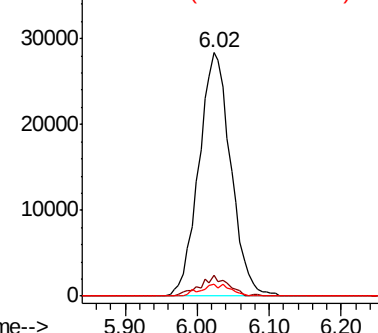
63 100

98 8.8 3.5 10.6

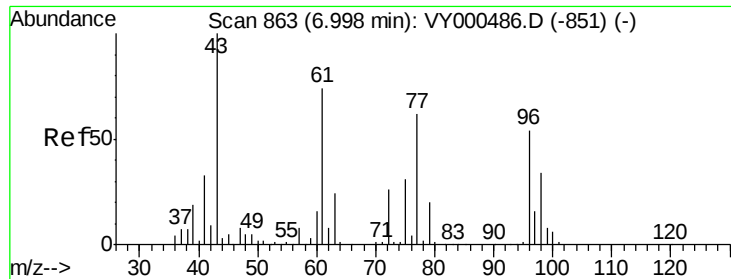
100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time-->



#25

2-Butanone

Concen: 93.248 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

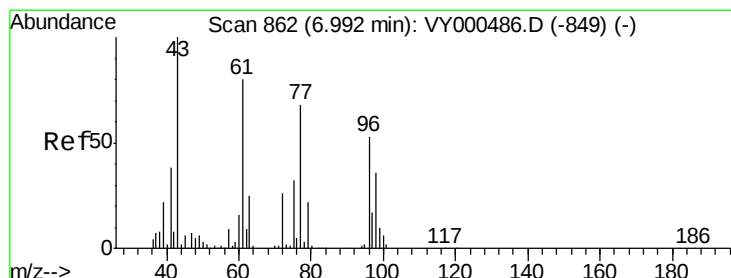
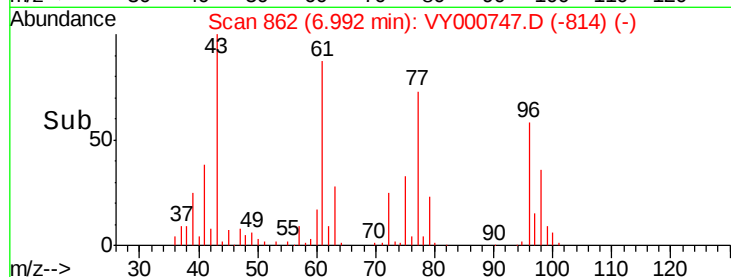
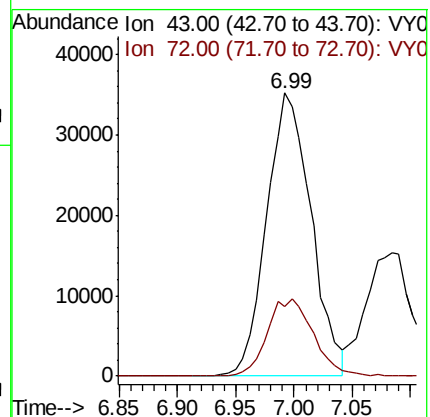
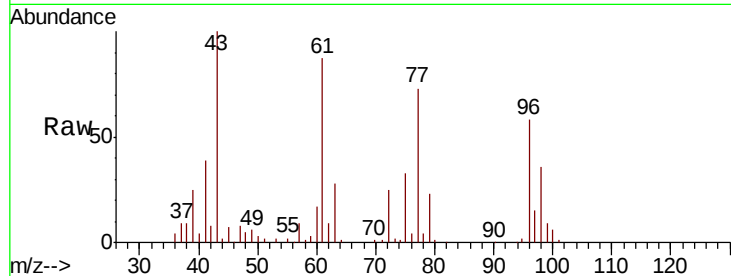
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 93518

Ion Ratio Lower Upper

43 100

72 24.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 20.436 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000747.D

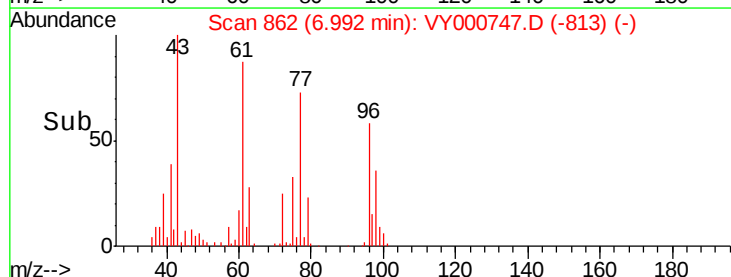
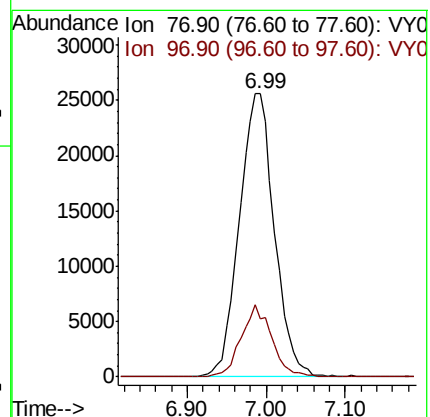
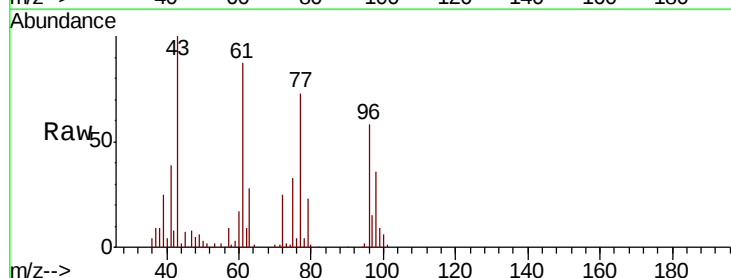
Acq: 20 Nov 2019 12:02

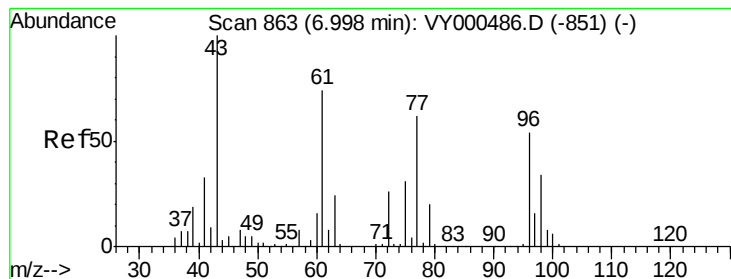
Tgt Ion: 77 Resp: 78696

Ion Ratio Lower Upper

77 100

97 22.2 11.8 35.4



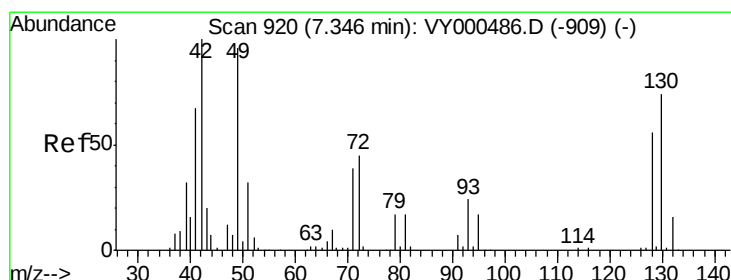
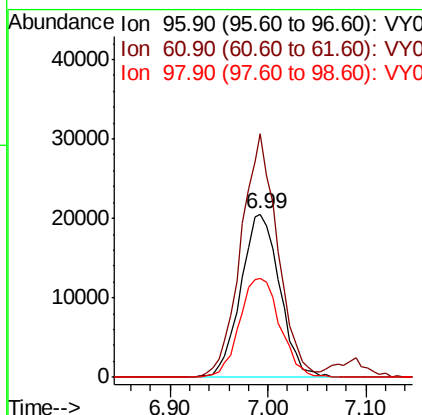
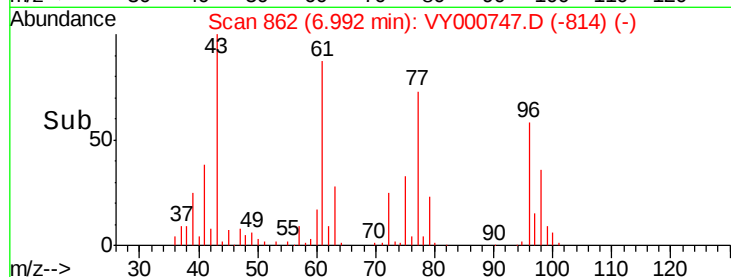
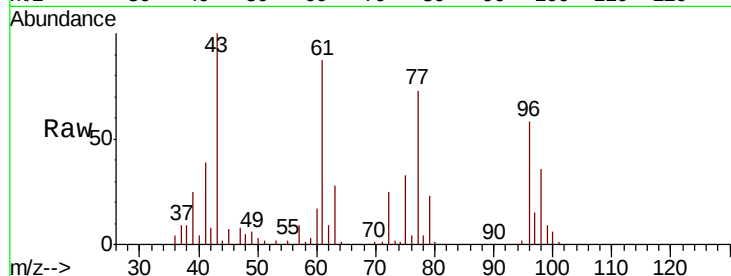


#27

cis-1,2-Dichloroethene
Concen: 20.904 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

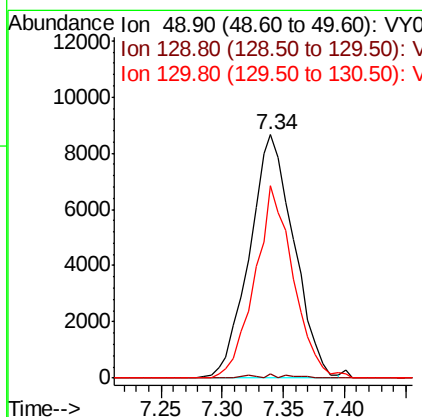
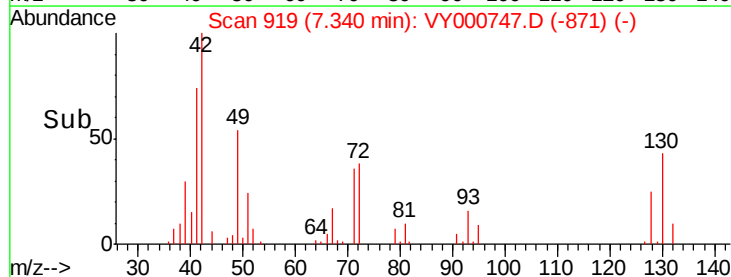
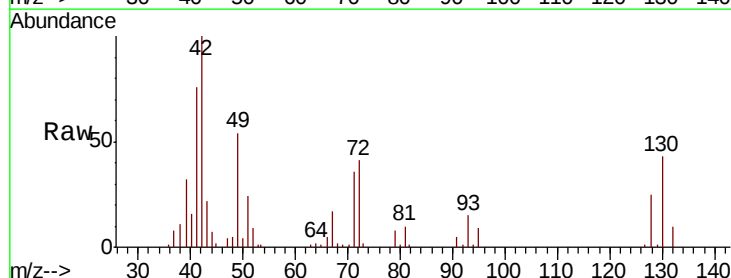
Tot Ion: 96 Resp: 56871
Ion Ratio Lower Upper
96 100
61 140.2 0.0 287.0
98 63.1 0.0 129.4

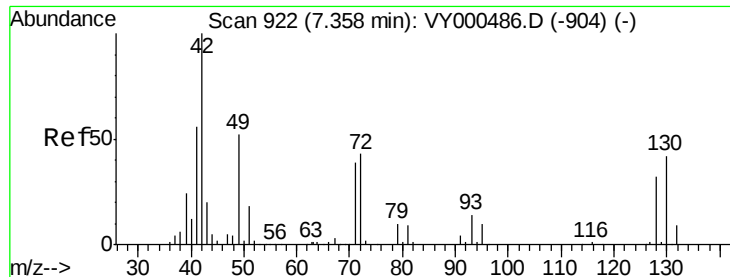


#28

Bromochloromethane
Concen: 14.532 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 49 Resp: 21850
Ion Ratio Lower Upper
49 100
129 0.3 0.0 3.6
130 68.8 59.4 89.0





#29

Tetrahydrofuran

Concen: 101.469 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

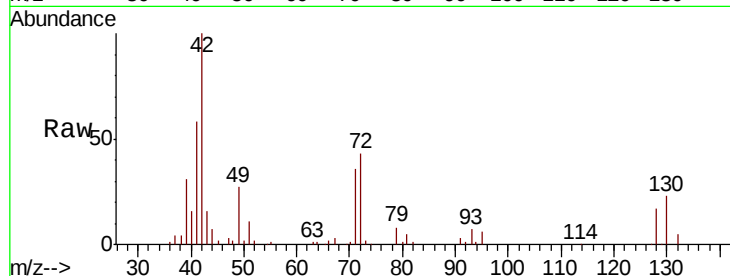
Tot Ion: 42 Resp: 62255

Ion Ratio Lower Upper

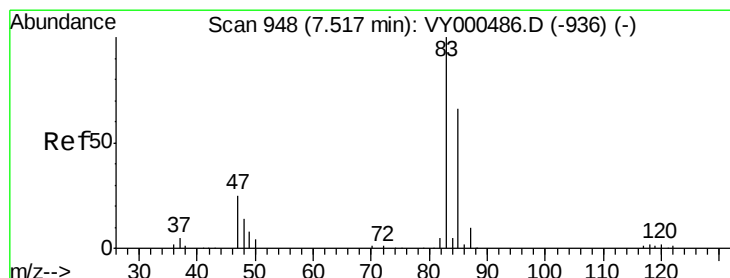
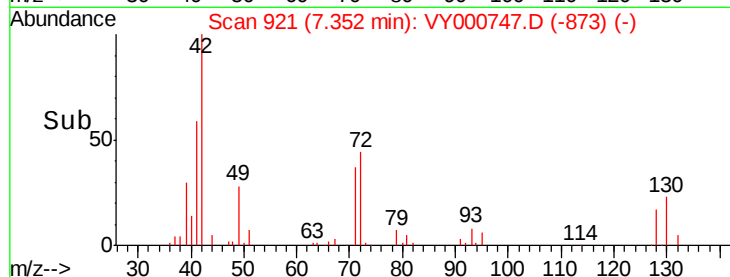
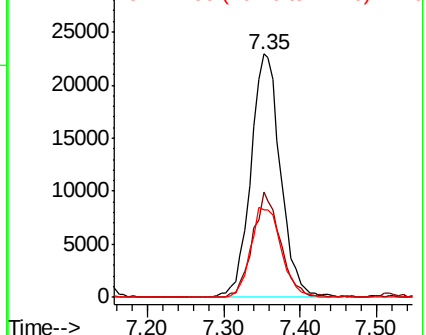
42 100

72 40.5 34.0 51.0

71 37.9 30.8 46.2



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



#30

Chloroform

Concen: 21.666 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY000747.D

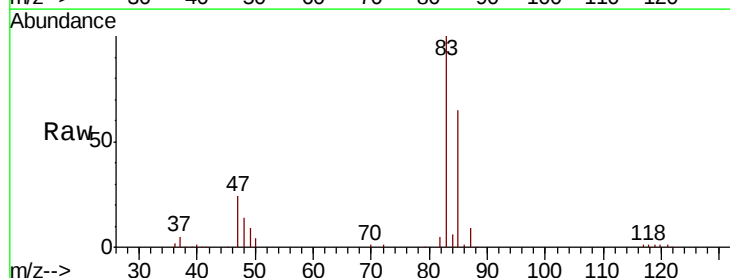
Acq: 20 Nov 2019 12:02

Tgt Ion: 83 Resp: 92357

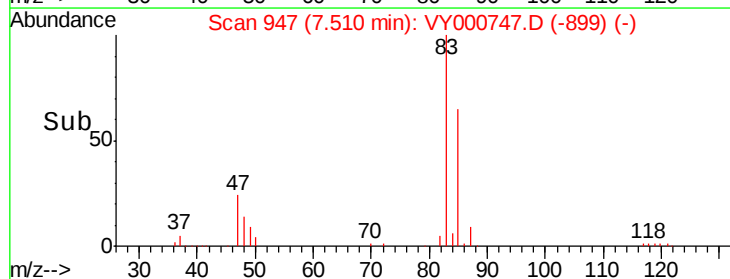
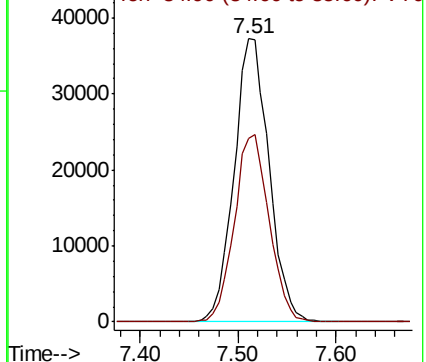
Ion Ratio Lower Upper

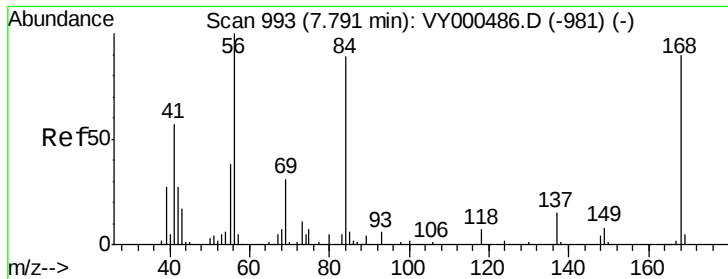
83 100

85 64.9 53.0 79.4



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

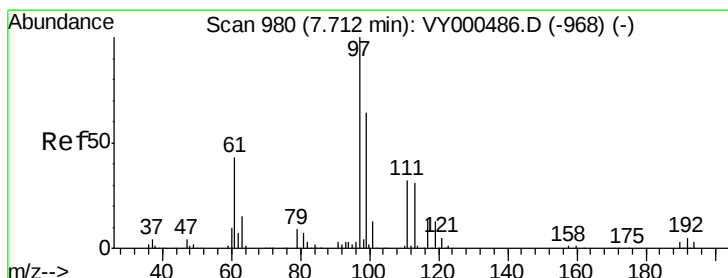
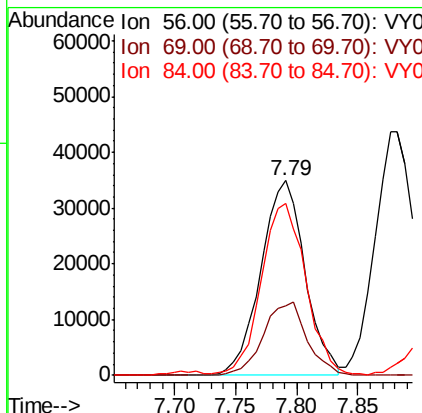
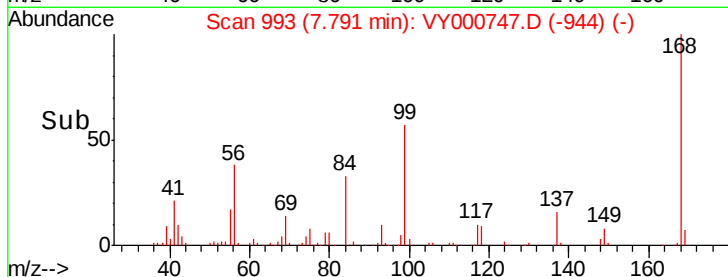
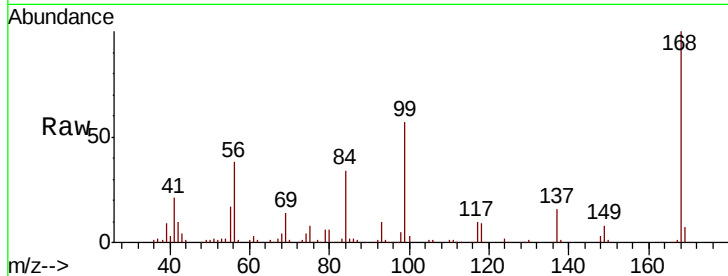




#31
Cyclohexane
Concen: 19.968 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

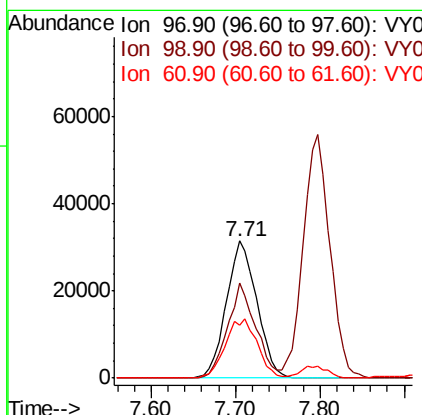
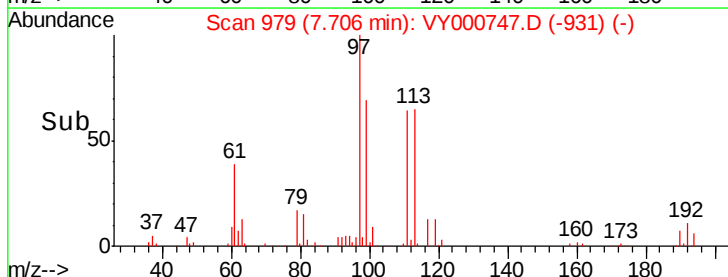
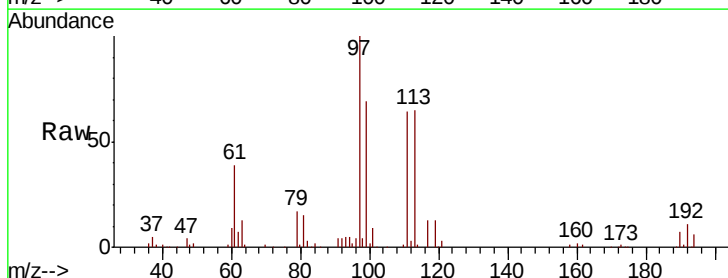
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 88128
Ion Ratio Lower Upper
56 100
69 36.0 25.0 37.6
84 87.1 71.4 107.2



#32
1,1,1-Trichloroethane
Concen: 20.435 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 97 Resp: 77632
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 45.2 34.9 52.3

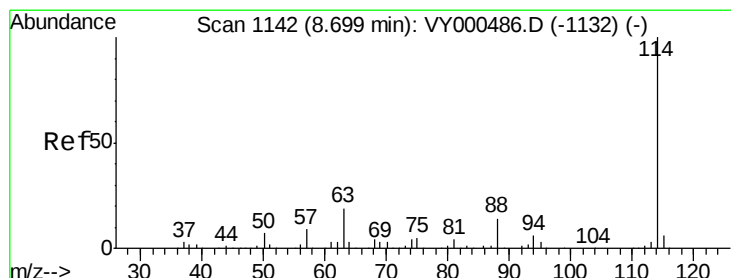
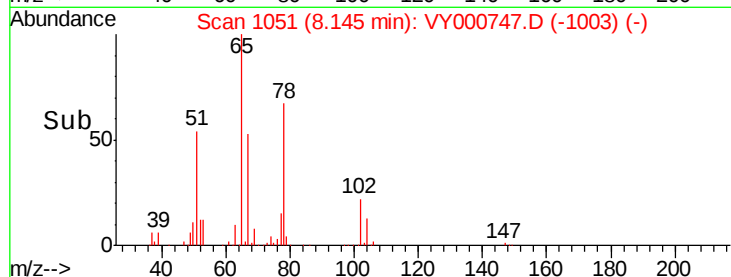
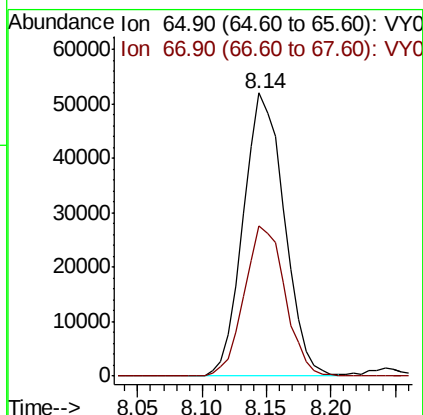
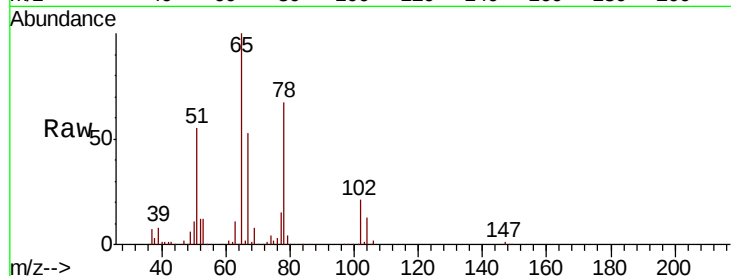




#33
 1,2-Dichloroethane-d4
 Concen: 50.201 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

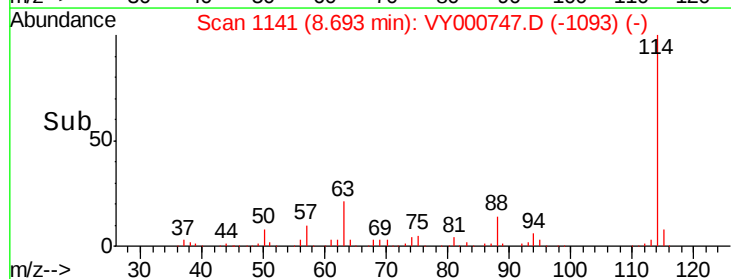
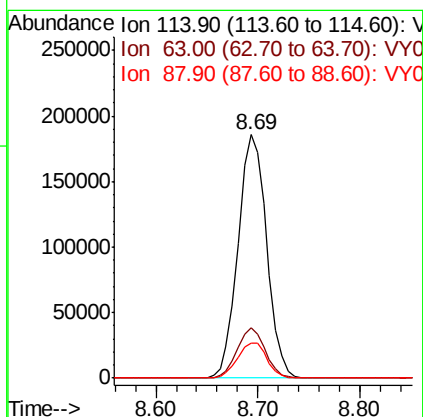
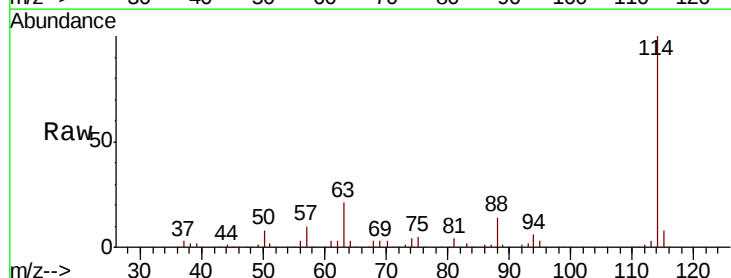
Instrument :
 MSVOA_Y
 ClientSampleId :

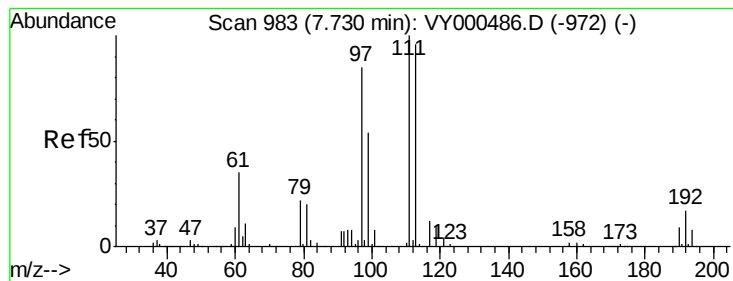
Tot Ion: 65 Resp: 114461
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion: 114 Resp: 360975
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.0
 88 14.4 0.0 28.6





#35

Dibromofluoromethane

Concen: 48.411 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

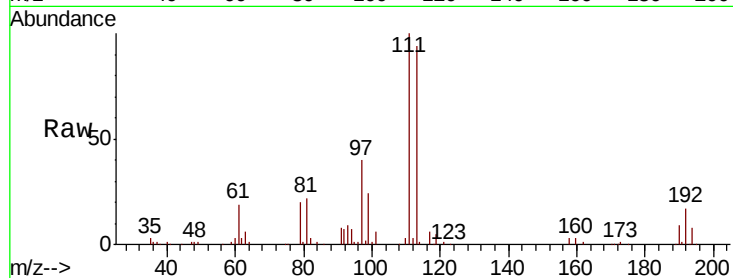
Tot Ion:113 Resp: 102590

Ion Ratio Lower Upper

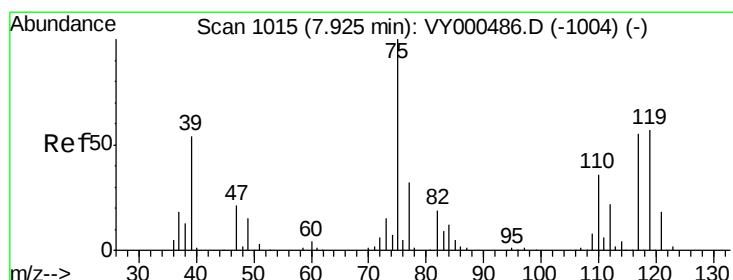
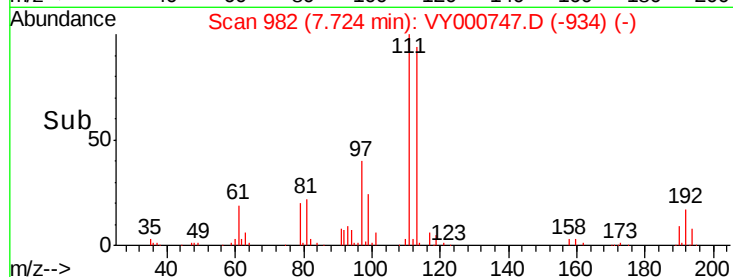
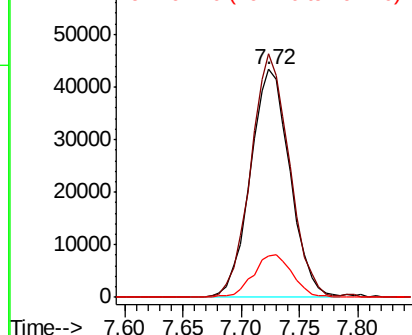
113 100

111 104.3 81.7 122.5

192 18.6 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.953 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

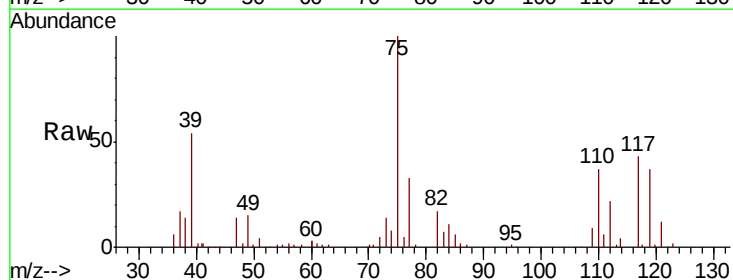
Tgt Ion: 75 Resp: 71502

Ion Ratio Lower Upper

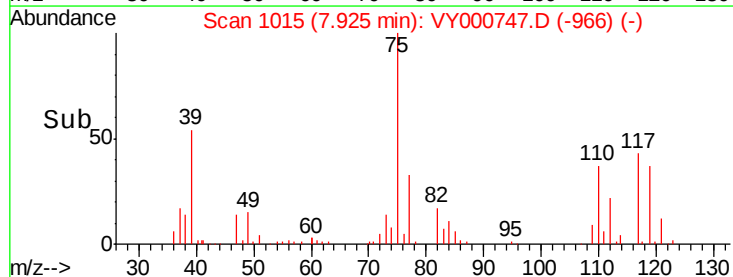
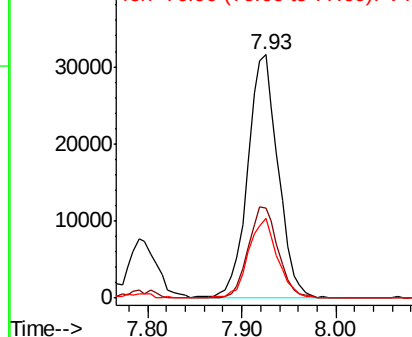
75 100

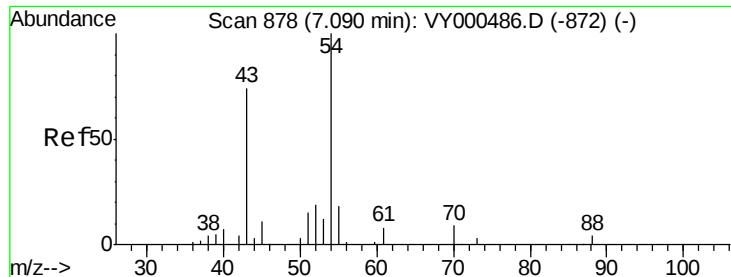
110 36.9 18.1 54.1

77 31.6 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

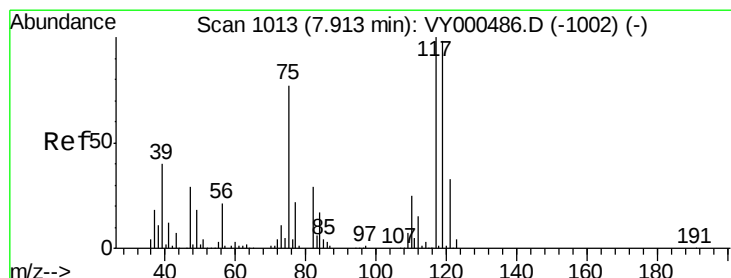
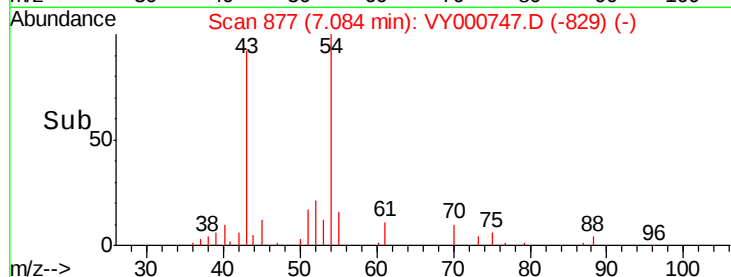
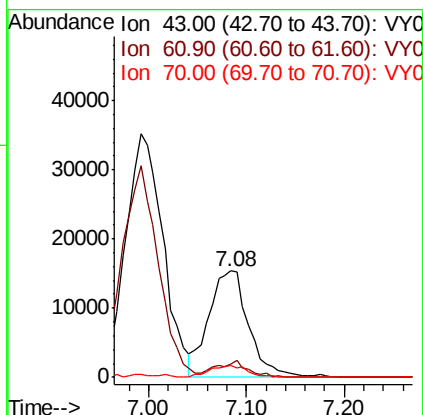
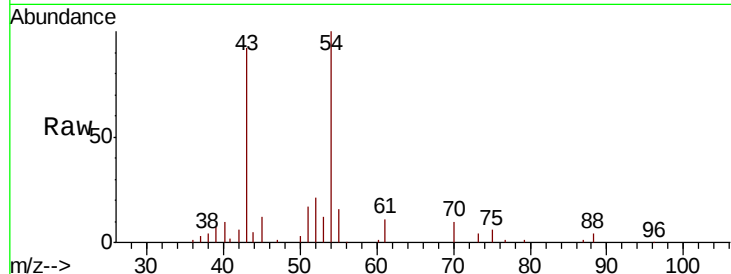




#37
Ethyl Acetate
Concen: 21.683 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

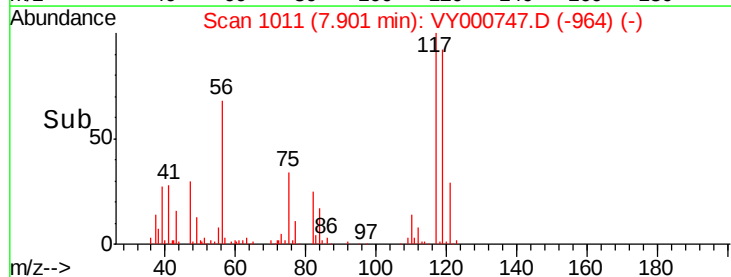
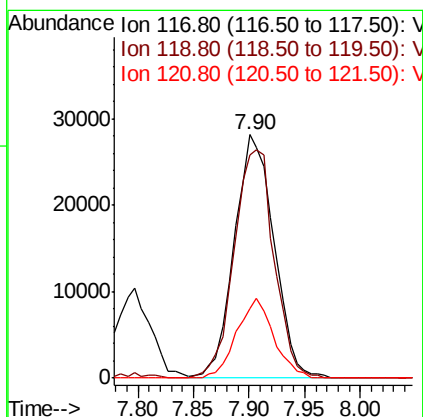
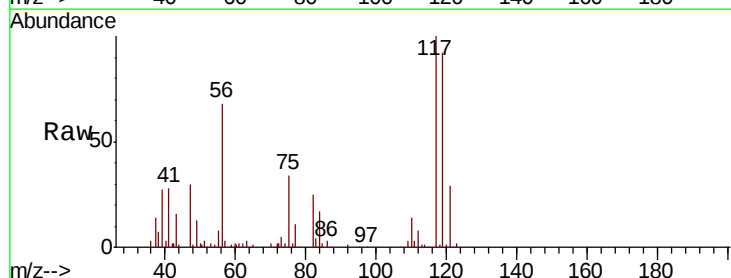
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 43930
Ion Ratio Lower Upper
43 100
61 12.1 10.2 15.2
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.259 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 117 Resp: 69807
Ion Ratio Lower Upper
117 100
119 91.5 78.0 117.0
121 28.8 26.6 40.0

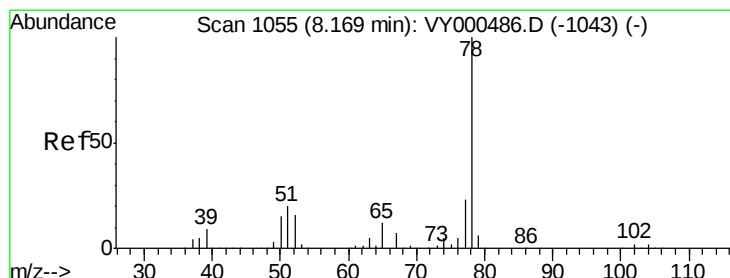
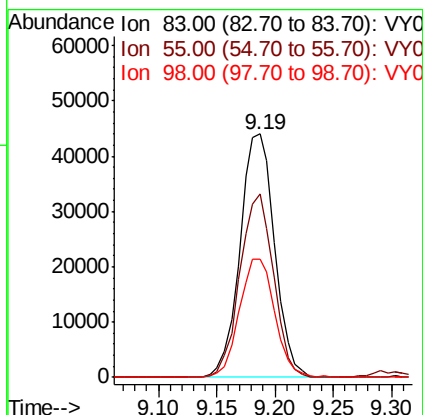
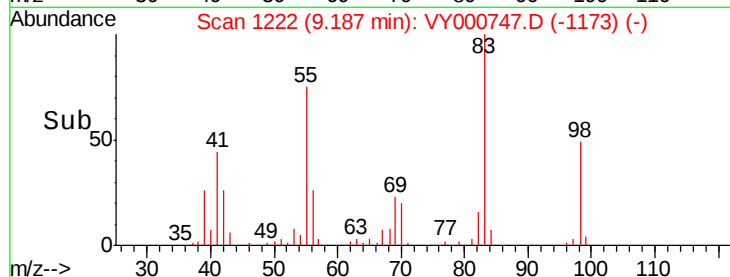
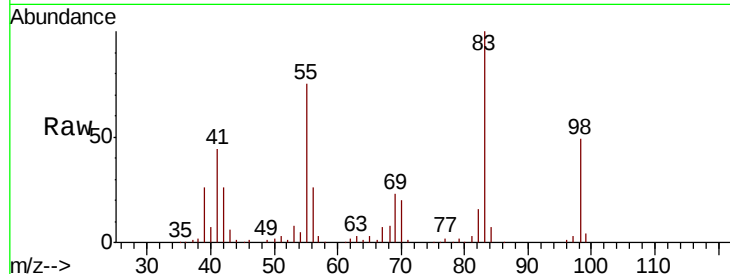




#39
Methvlcvclohexane
Concen: 20.687 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

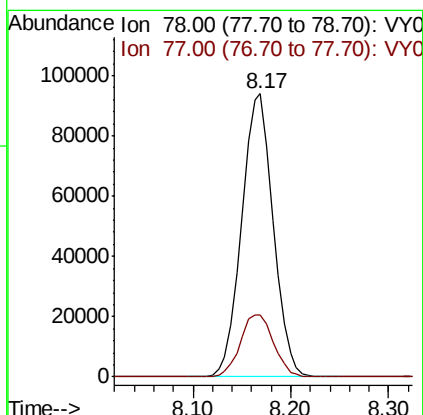
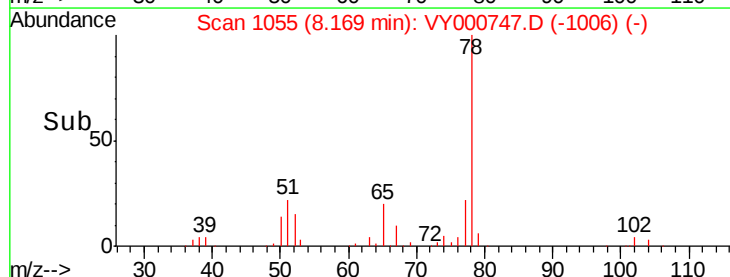
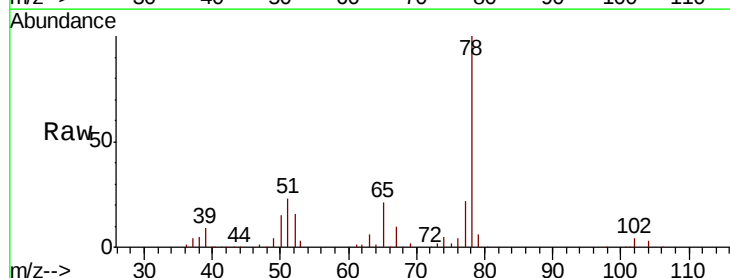
Instrument :
MSVOA_Y
ClientSampleId :

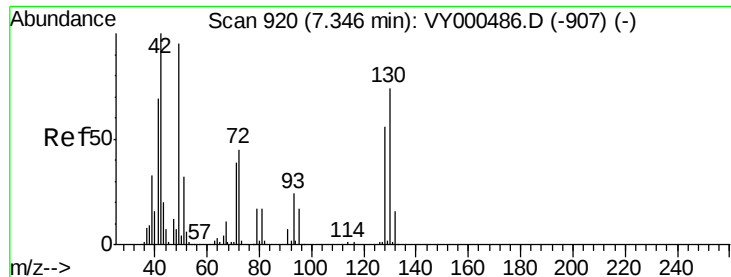
Tot Ion: 83 Resp: 91204
Ion Ratio Lower Upper
83 100
55 75.5 57.5 86.3
98 48.7 38.0 57.0



#40
Benzene
Concen: 20.982 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 78 Resp: 209915
Ion Ratio Lower Upper
78 100
77 22.0 18.6 28.0





#41

Methacrylonitrile

Concen: 50.799 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 57414

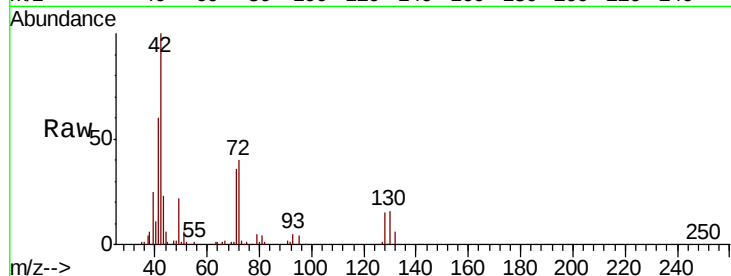
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

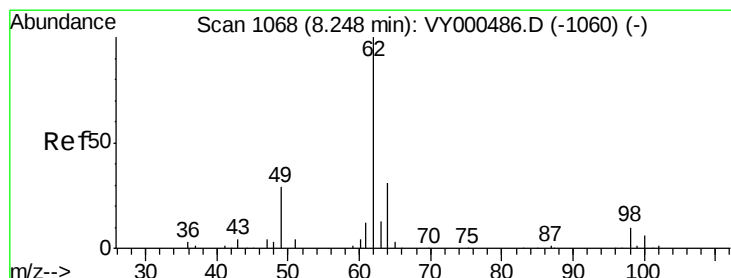
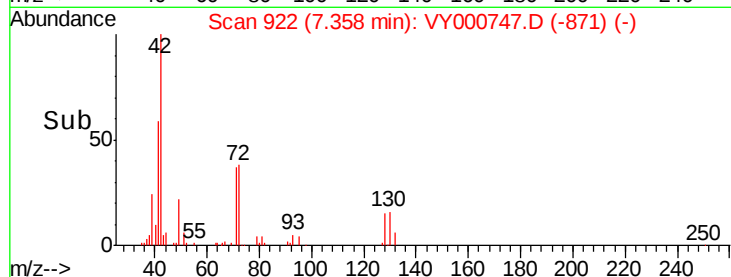
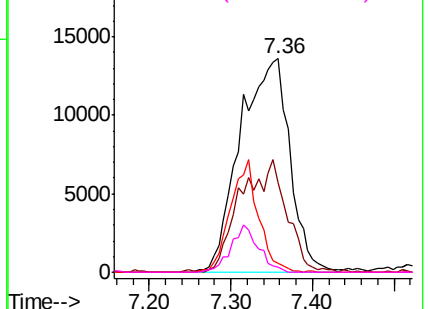


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.003 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000747.D

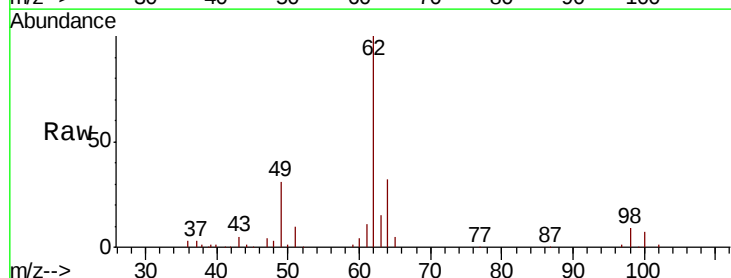
Acq: 20 Nov 2019 12:02

Tgt Ion: 62 Resp: 59597

Ion Ratio Lower Upper

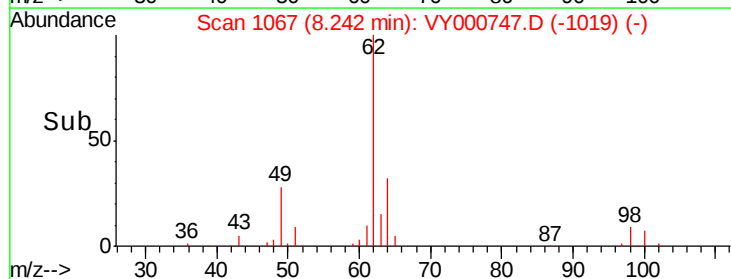
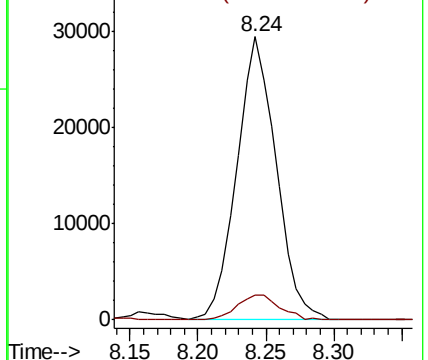
62 100

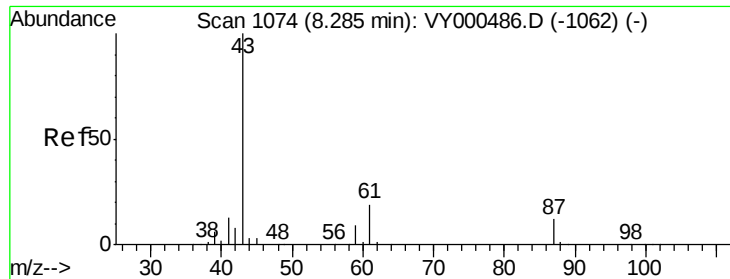
98 9.5 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.698 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

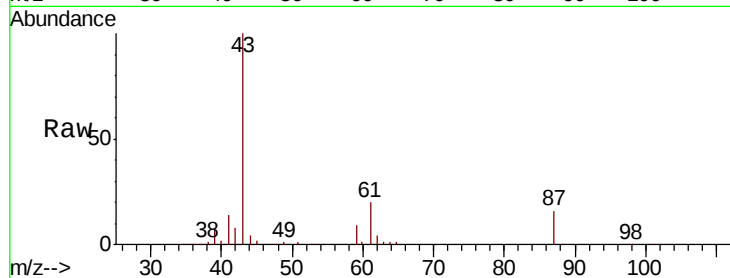
Tot Ion: 43 Resp: 78772

Ion Ratio Lower Upper

43 100

61 28.0 23.0 34.4

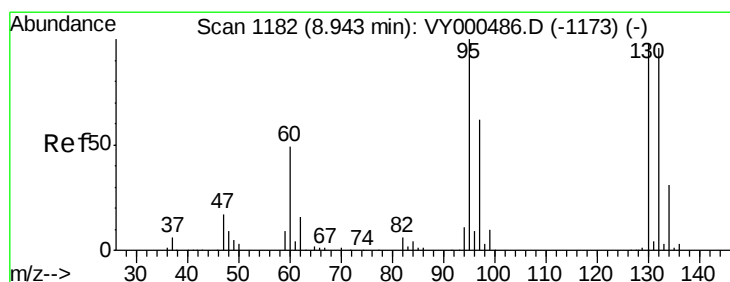
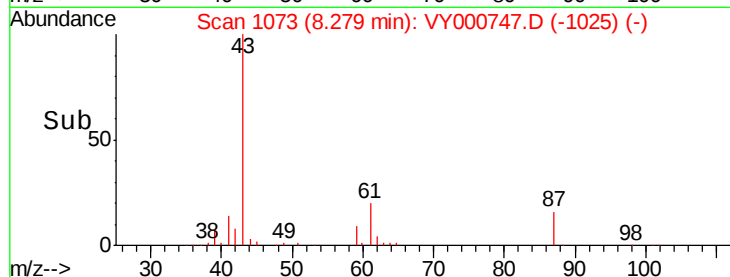
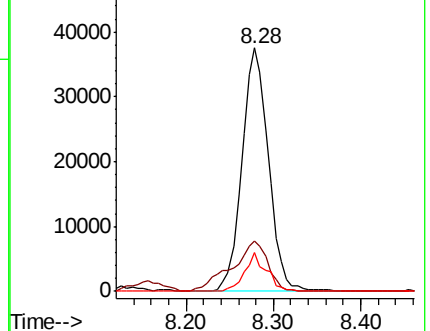
87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VY000747.D (-1062) (-)

Ion 61.00 (60.70 to 61.70): VY000747.D (-1062) (-)

Ion 87.00 (86.70 to 87.70): VY000747.D (-1062) (-)



#44

Trichloroethene

Concen: 20.781 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.01 min

Lab File: VY000747.D

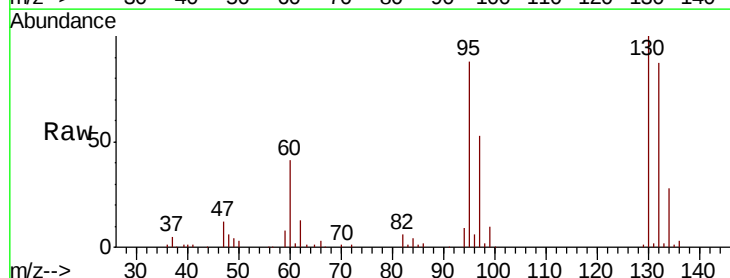
Acq: 20 Nov 2019 12:02

Tgt Ion:130 Resp: 54817

Ion Ratio Lower Upper

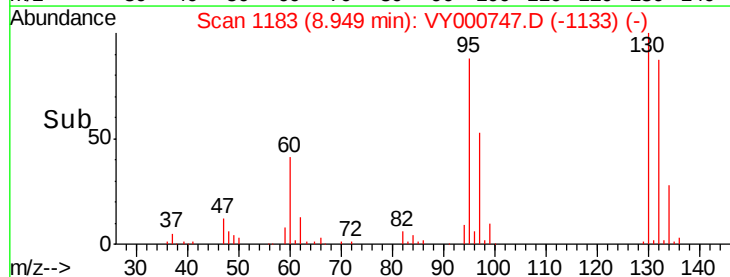
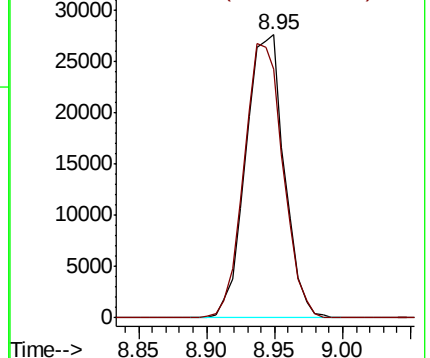
130 100

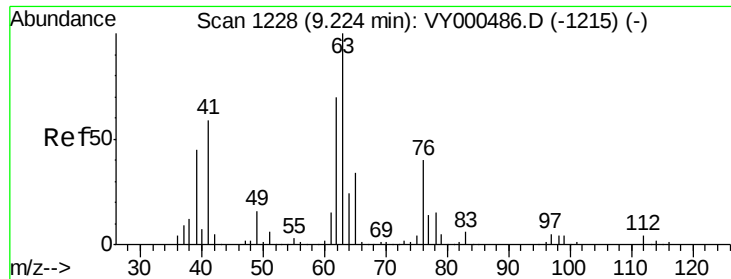
95 88.1 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000747.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY000747.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 21.522 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

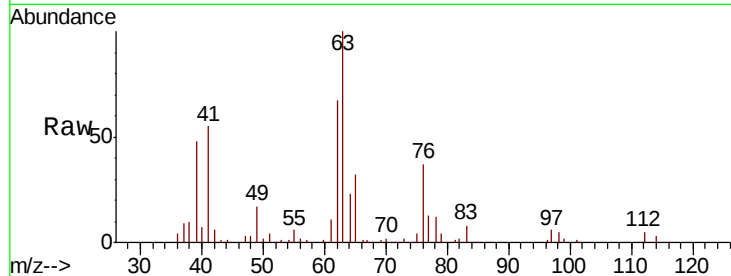
ClientSampleId :

Tot Ion: 63 Resp: 52995

Ion Ratio Lower Upper

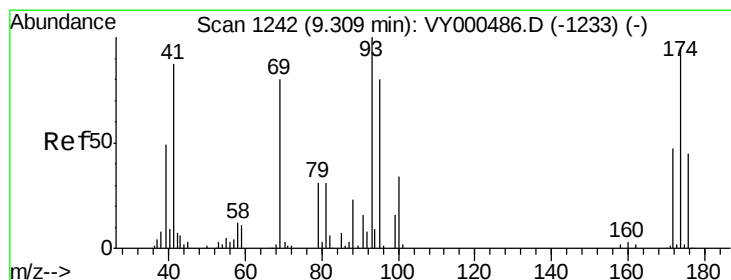
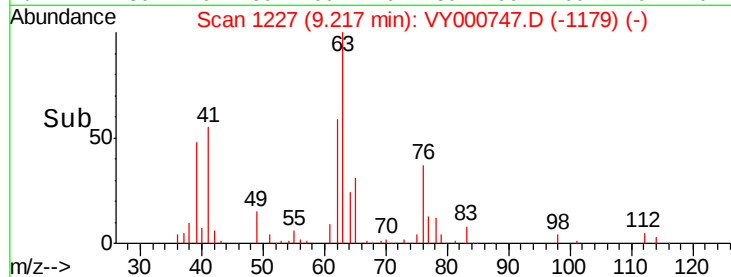
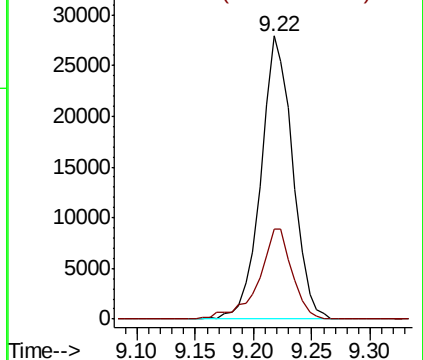
63 100

65 31.7 27.0 40.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 21.914 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

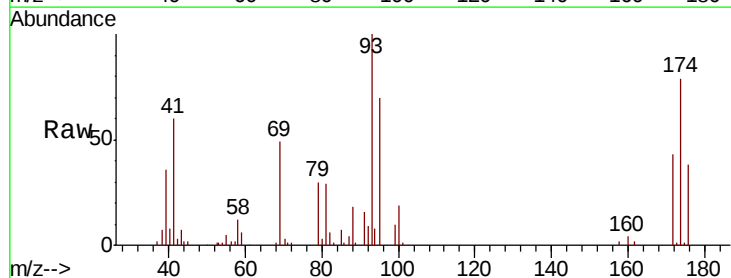
Tgt Ion: 93 Resp: 29675

Ion Ratio Lower Upper

93 100

95 78.3 66.4 99.6

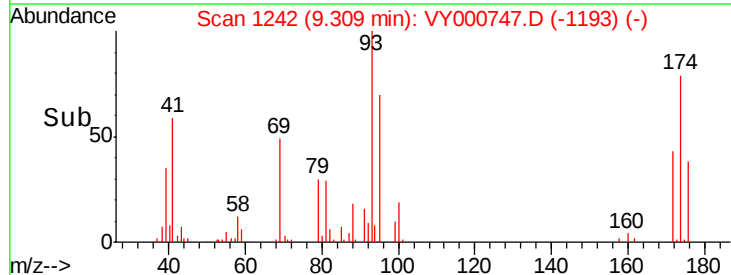
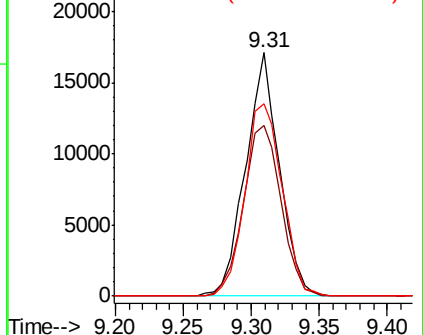
174 87.6 77.1 115.7

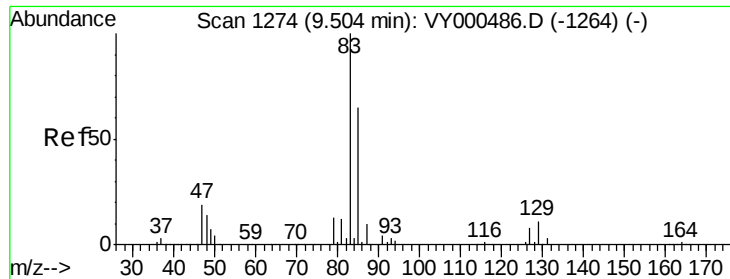


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.895 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

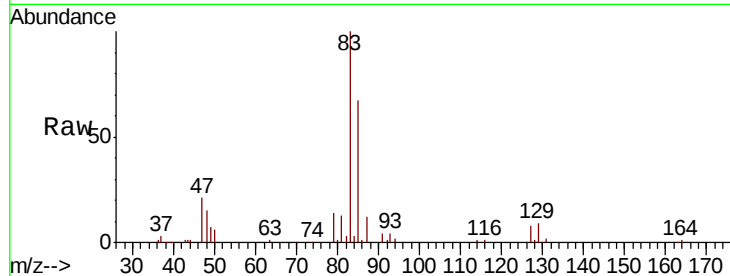
Tot Ion: 83 Resp: 67141

Ion Ratio Lower Upper

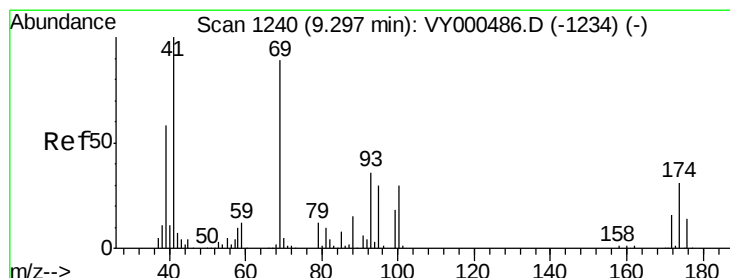
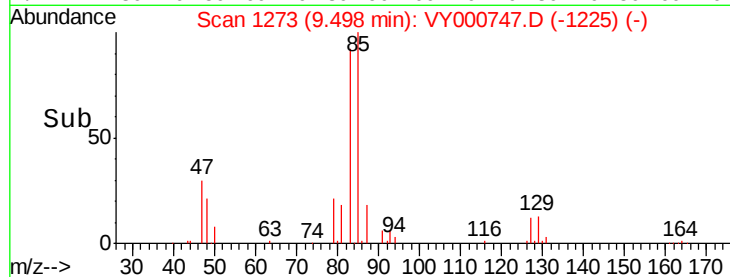
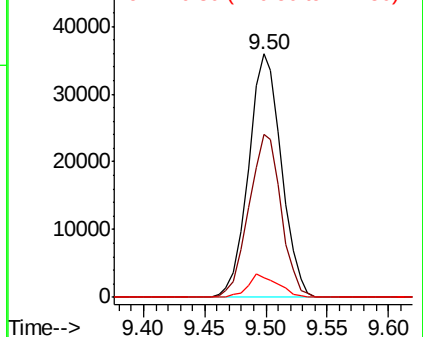
83 100

85 66.9 51.8 77.8

127 8.0 6.7 10.1



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



#48

Methyl methacrylate

Concen: 21.338 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

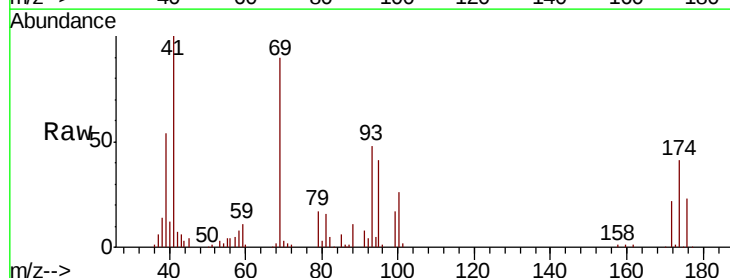
Tgt Ion: 41 Resp: 35482

Ion Ratio Lower Upper

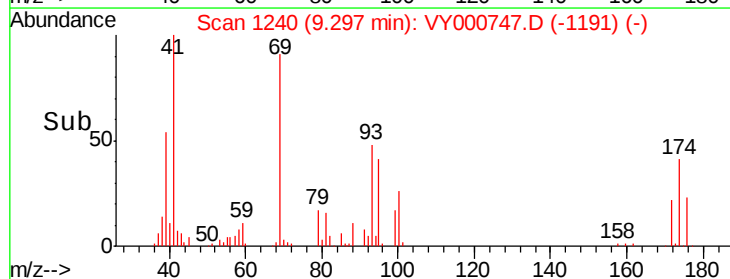
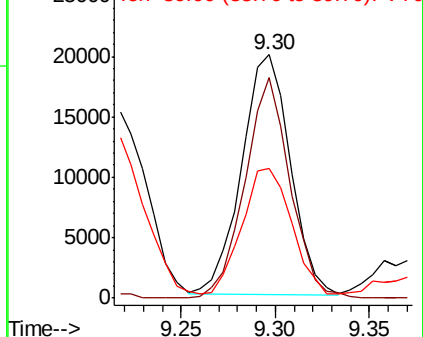
41 100

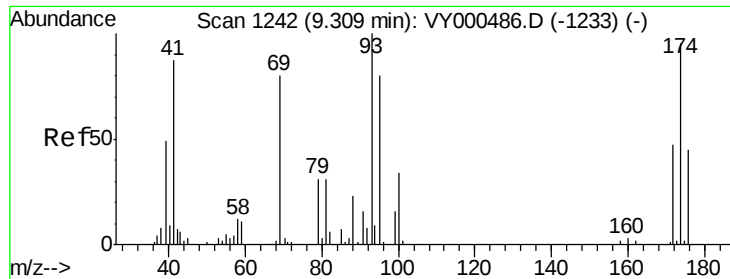
69 85.1 72.5 108.7

39 57.1 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: 404.438 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

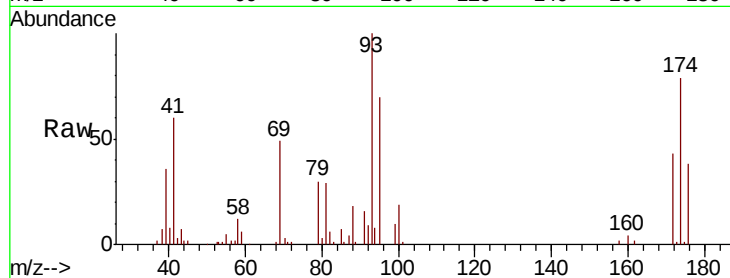
Tot Ion: 88 Resp: 7371

Ion Ratio Lower Upper

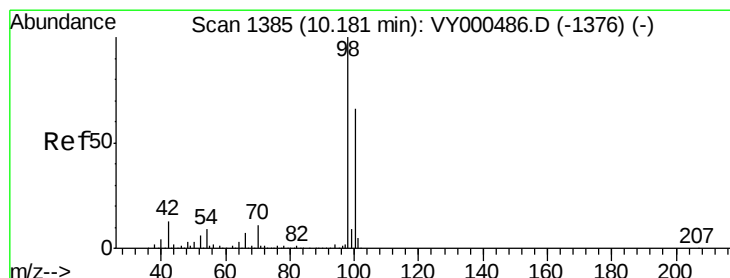
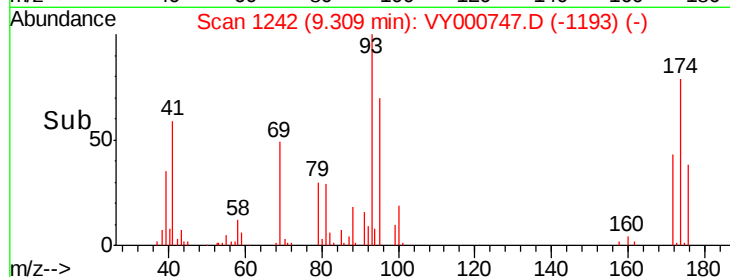
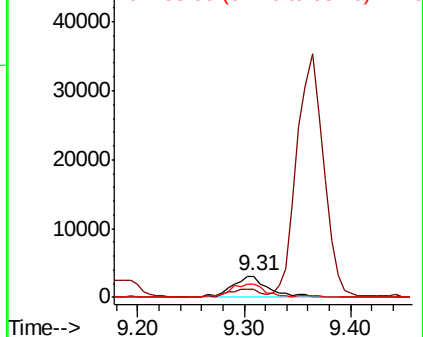
88 100

43 34.0 25.1 37.7

58 62.4 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: 51.863 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000747.D

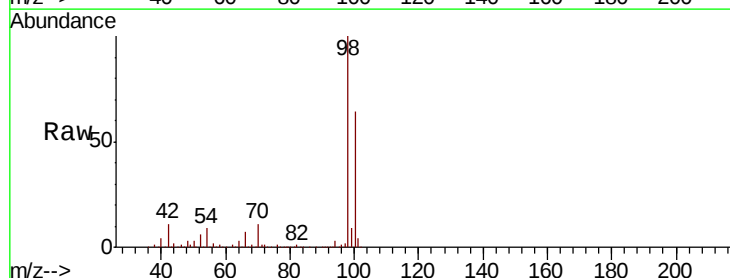
Acq: 20 Nov 2019 12:02

Tgt Ion: 98 Resp: 417033

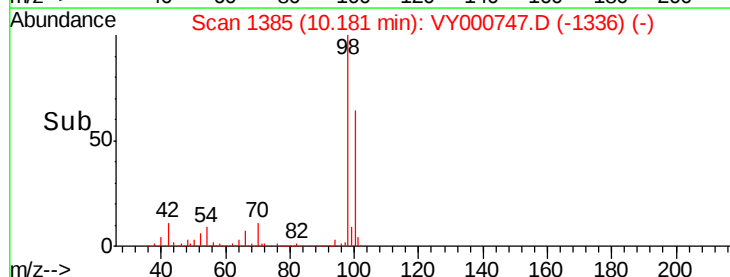
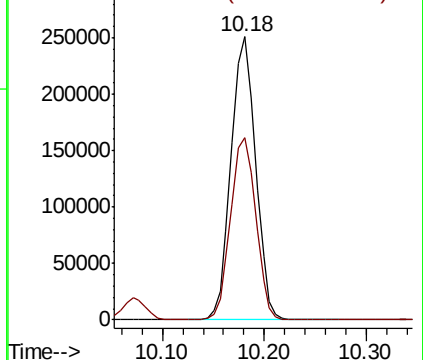
Ion Ratio Lower Upper

98 100

100 66.2 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: 104.333 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

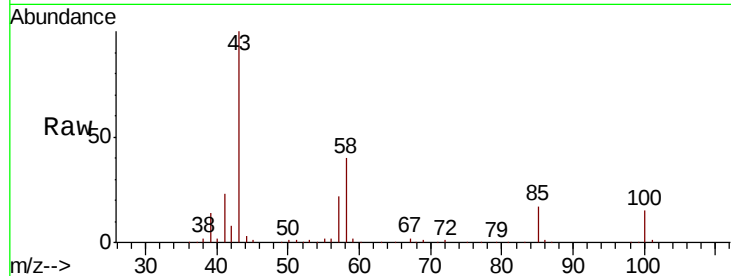
ClientSampled :

Tot Ion: 43 Resp: 211116

Ion Ratio Lower Upper

43 100

58 38.3 30.2 45.4



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

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

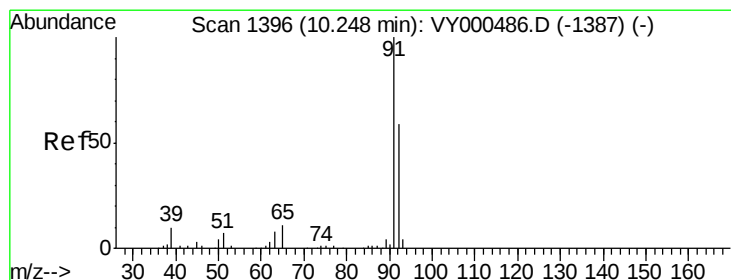
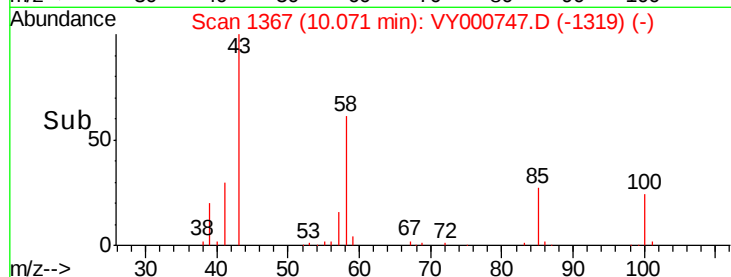
10.07

100000

50000

0

Time-->



#52

Toluene

Concen: 20.909 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000747.D

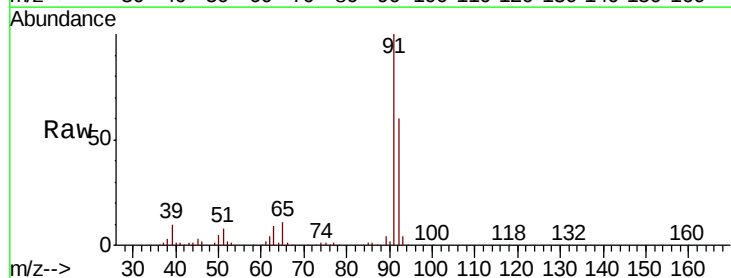
Acq: 20 Nov 2019 12:02

Tgt Ion: 92 Resp: 132256

Ion Ratio Lower Upper

92 100

91 171.5 136.3 204.5



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

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

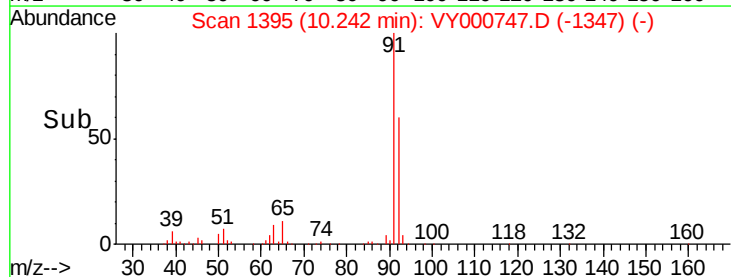
150000

100000

50000

0

Time-->



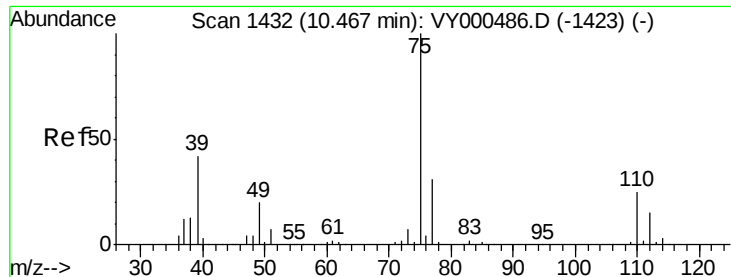
10.24

100000

50000

0

Time-->



#53

t-1,3-Dichloropropene

Concen: 21.046 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

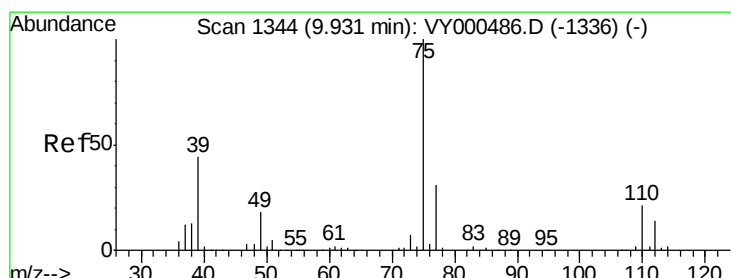
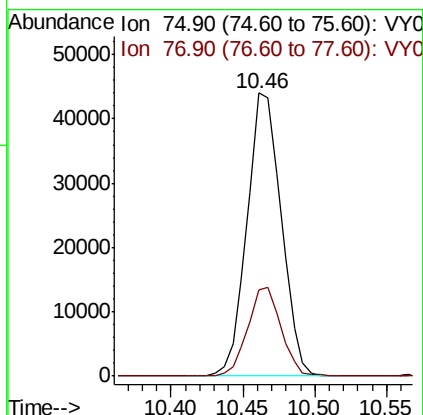
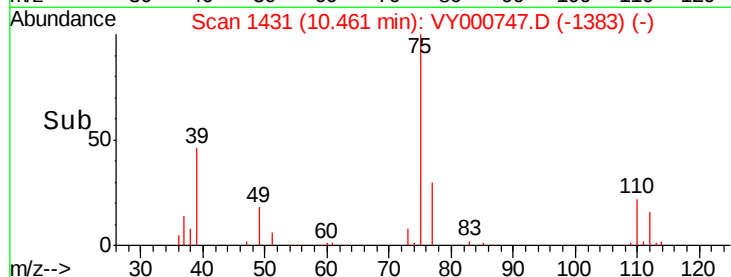
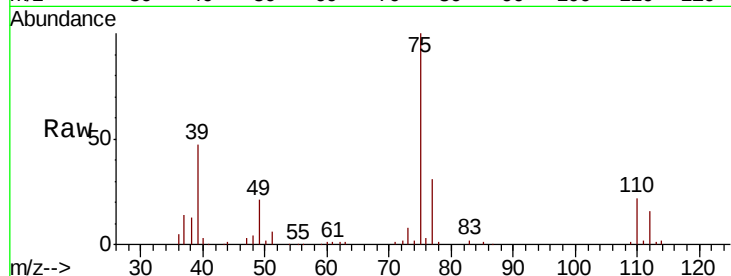
ClientSampleId :

Tot Ion: 75 Resp: 72258

Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 20.337 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

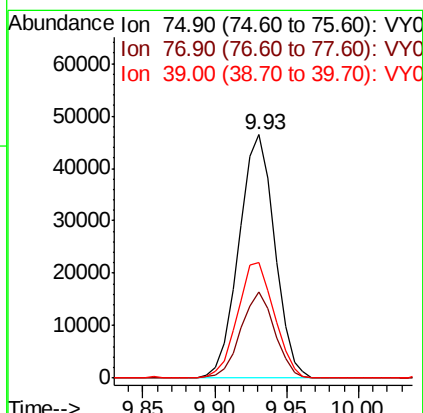
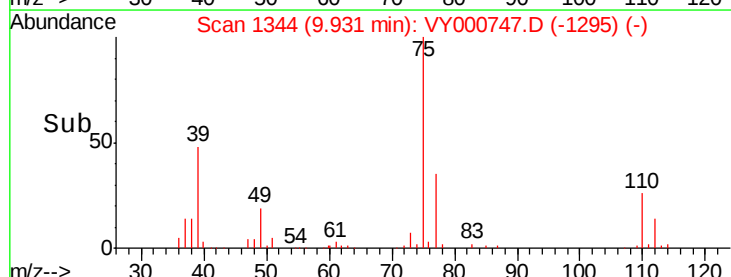
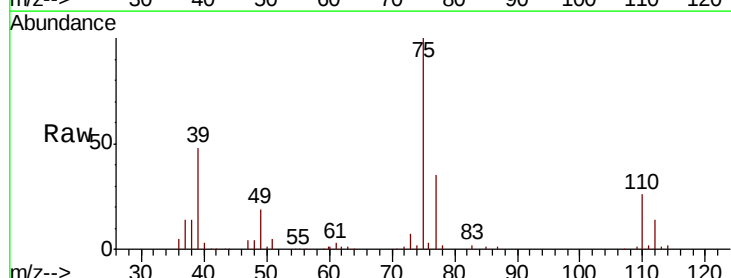
Tgt Ion: 75 Resp: 79989

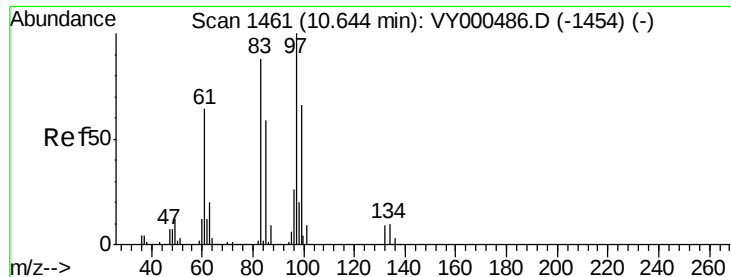
Ion Ratio Lower Upper

75 100

77 35.5 24.5 36.7

39 47.7 35.4 53.2





#55

1,1,2-Trichloroethane

Concen: 20.675 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 40495

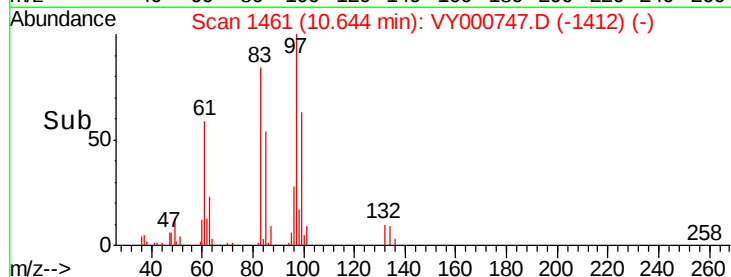
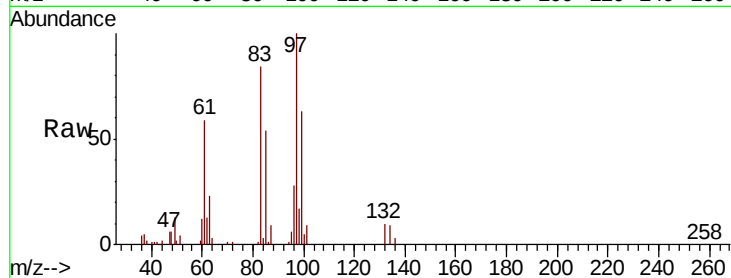
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.2	105.4
85	54.1	46.9	70.3
99	63.0	52.6	78.8

97 100

83 84.1 70.2 105.4

85 54.1 46.9 70.3

99 63.0 52.6 78.8



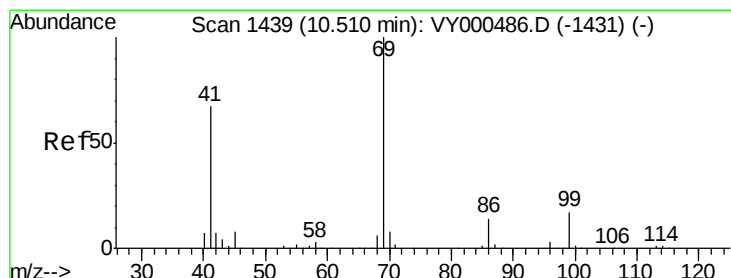
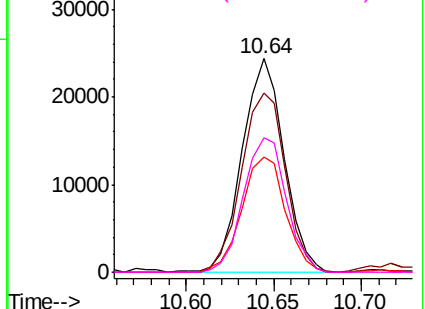
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.937 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

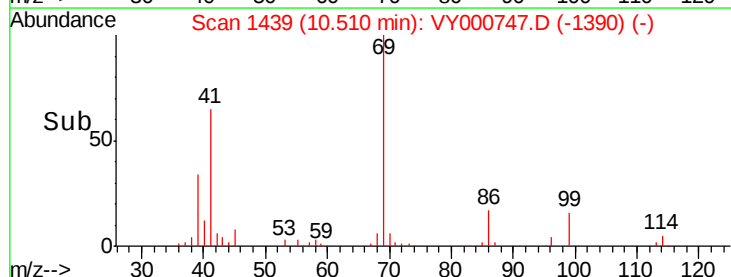
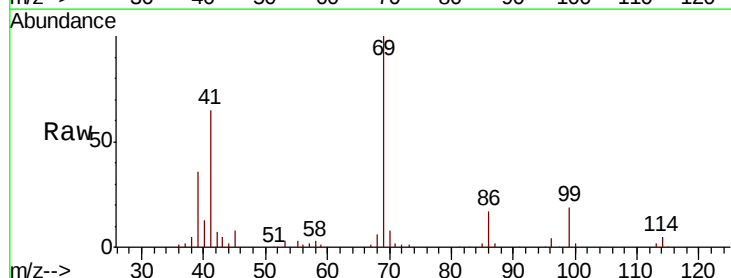
Tgt Ion: 69 Resp: 58122

Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.3	79.9
39	36.5	28.0	42.0

69 100

41 65.4 53.3 79.9

39 36.5 28.0 42.0

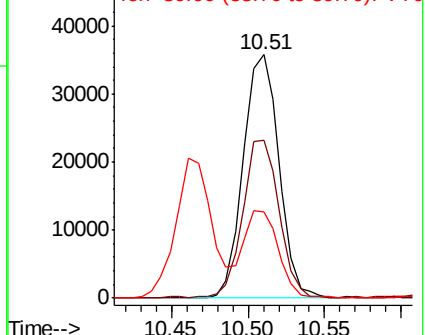


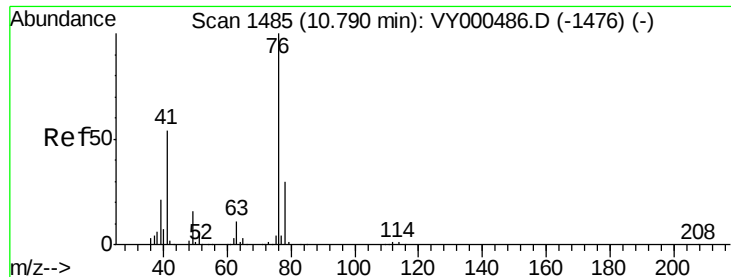
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.198 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

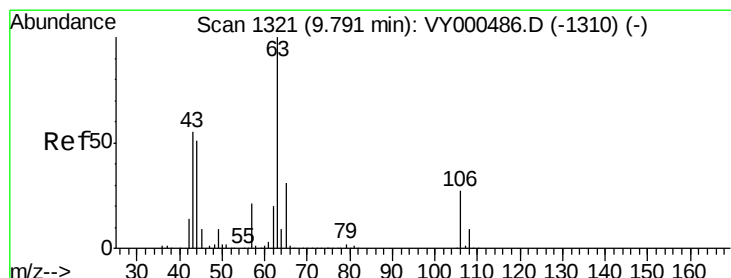
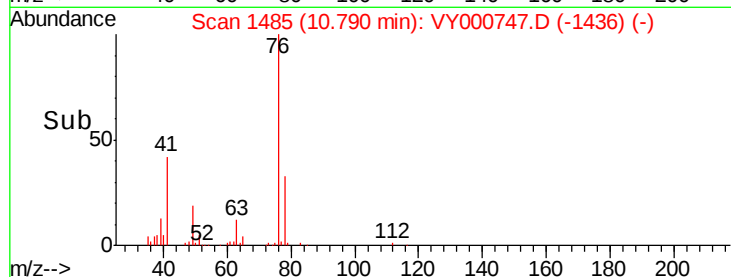
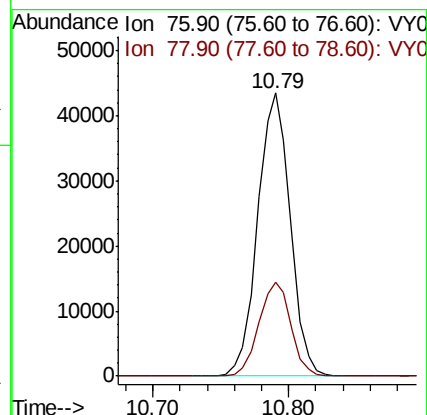
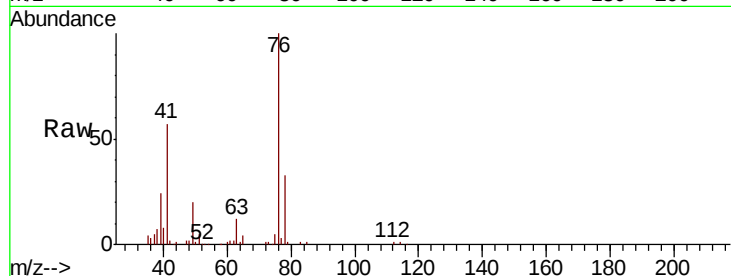
ClientSampleId :

Tot Ion: 76 Resp: 72668

Ion Ratio Lower Upper

76 100

78 32.7 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 107.012 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000747.D

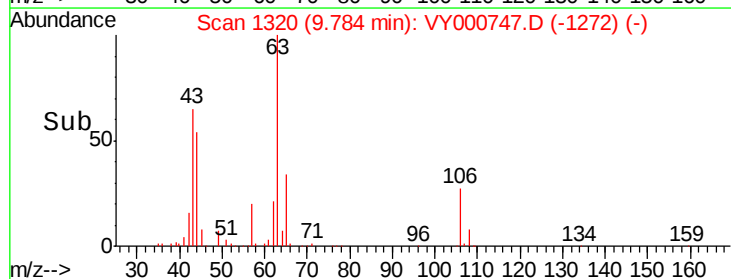
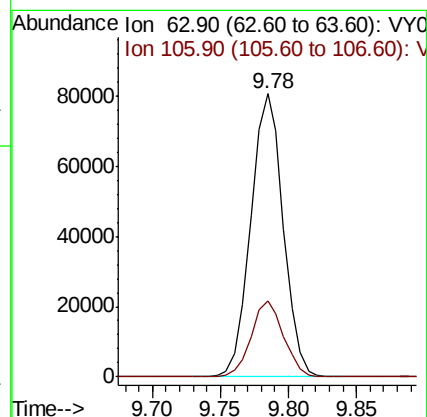
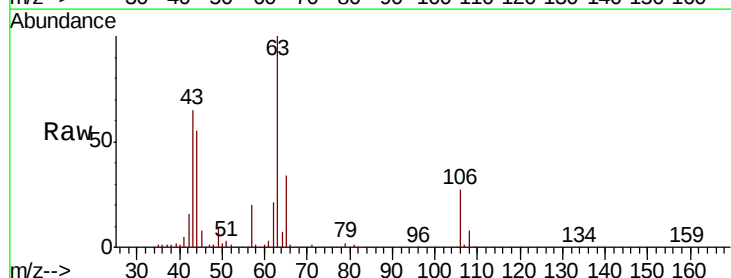
Acq: 20 Nov 2019 12:02

Tgt Ion: 63 Resp: 134304

Ion Ratio Lower Upper

63 100

106 27.0 22.6 33.8

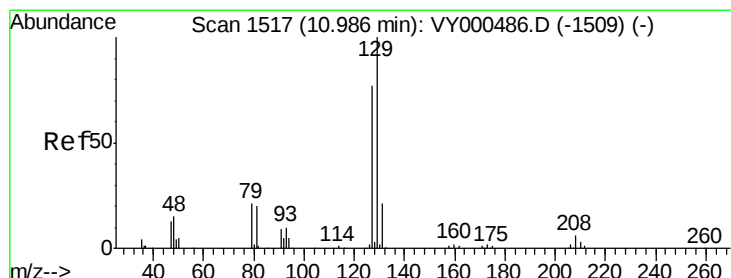
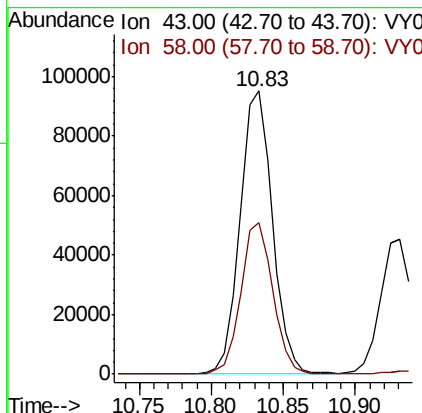
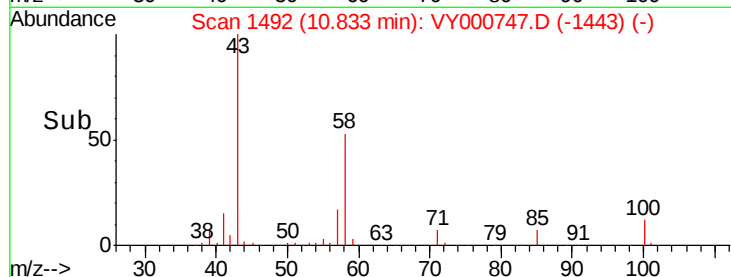
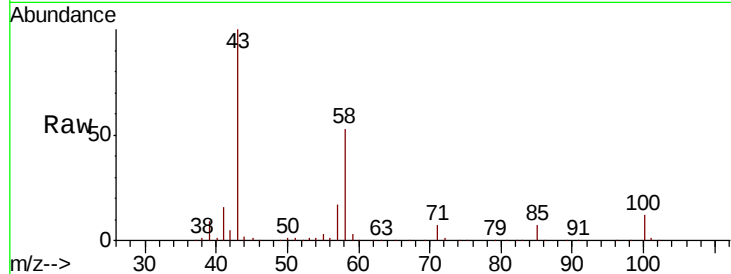




#59
2-Hexanone
Concen: 100.746 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

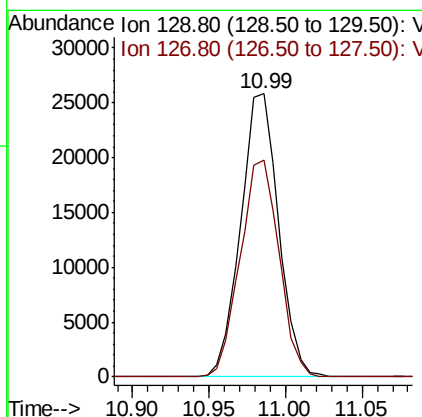
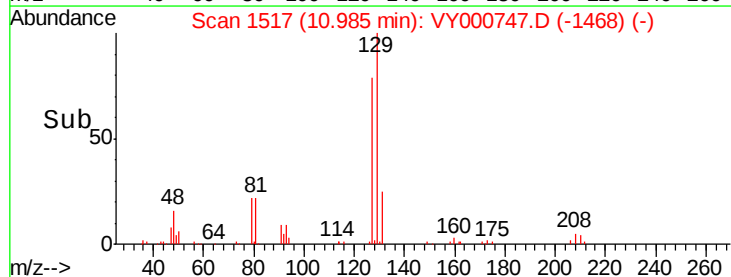
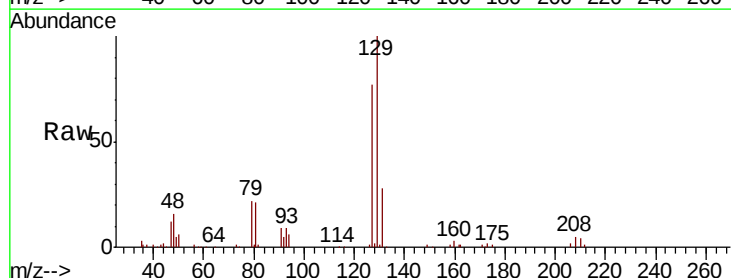
Instrument :
MSVOA_Y
ClientSampleId :

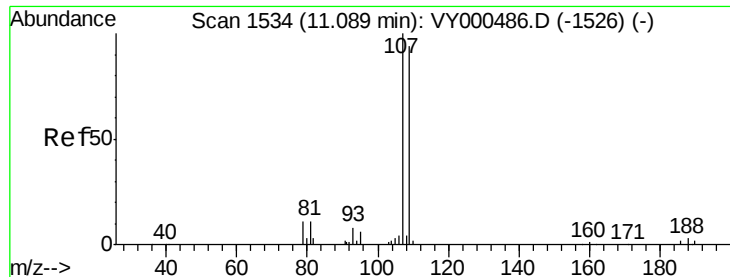
Tot Ion: 43 Resp: 148529
Ion Ratio Lower Upper
43 100
58 52.6 27.1 81.3



#60
Dibromochloromethane
Concen: 19.825 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 129 Resp: 44478
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.222 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

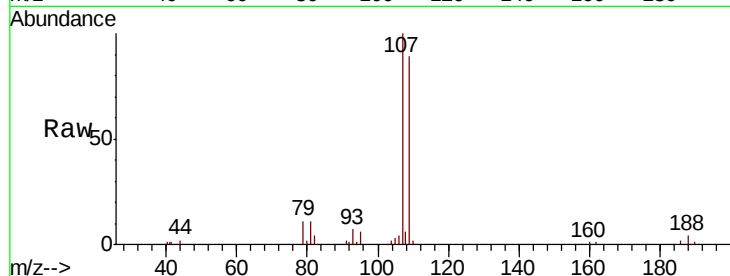
ClientSampled :

Tot Ion: 107 Resp: 39966

Ion Ratio Lower Upper

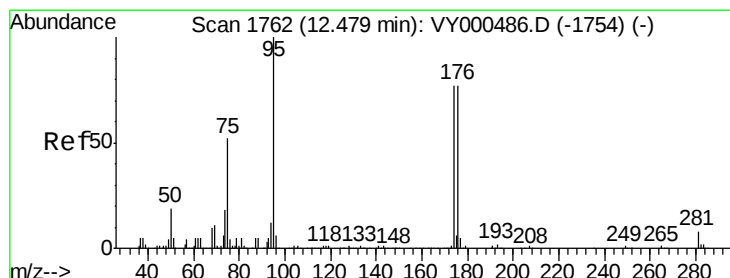
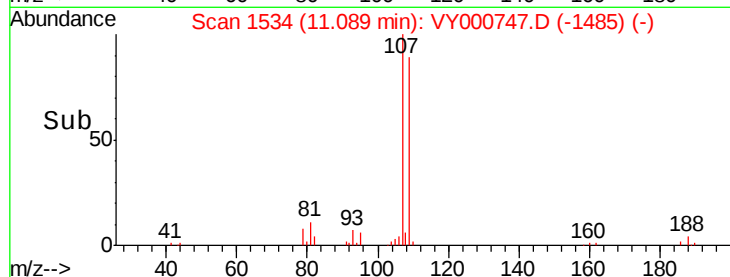
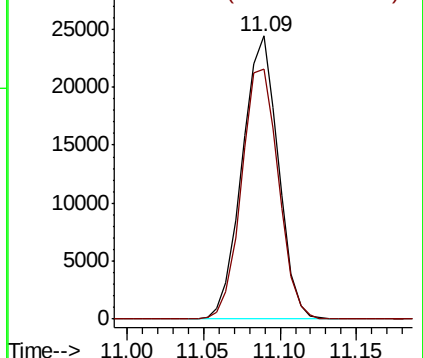
107 100

109 90.6 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.233 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

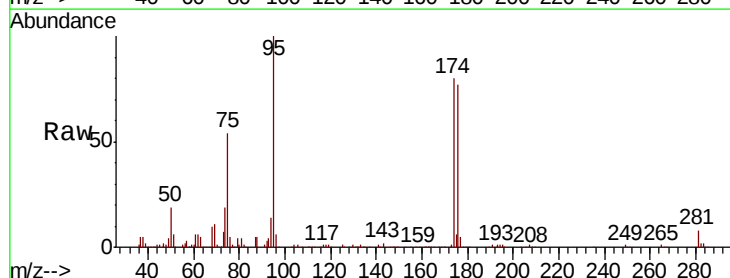
Tgt Ion: 95 Resp: 147649

Ion Ratio Lower Upper

95 100

174 80.6 0.0 161.6

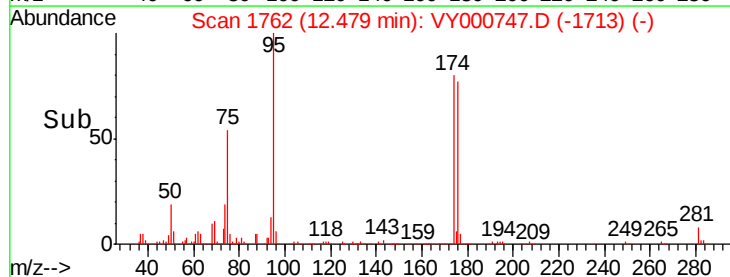
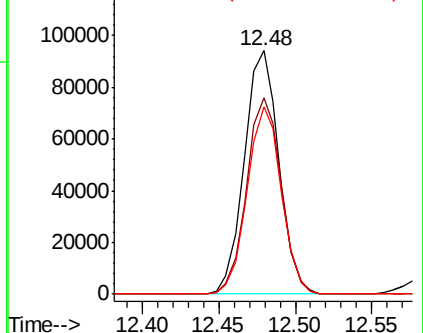
176 76.4 0.0 157.8

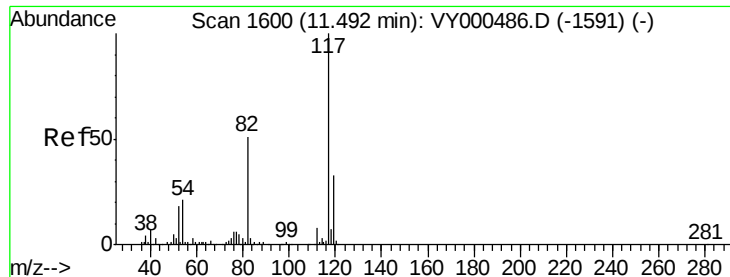


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

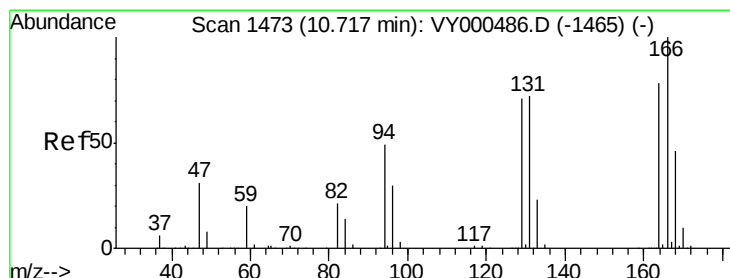
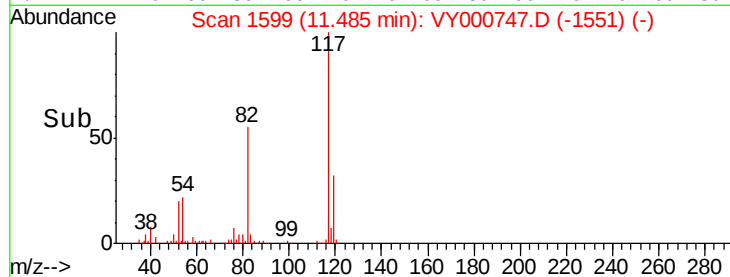
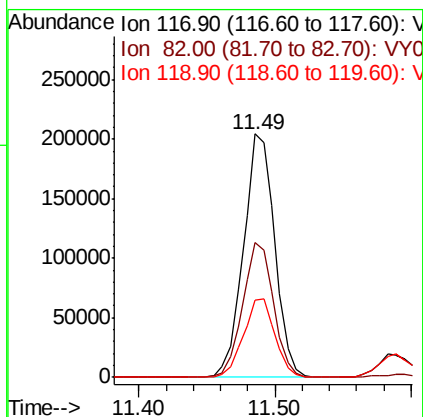
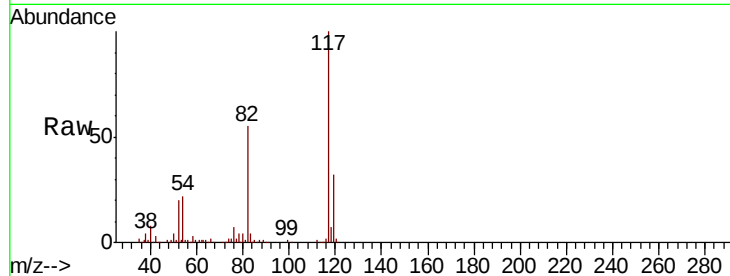




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

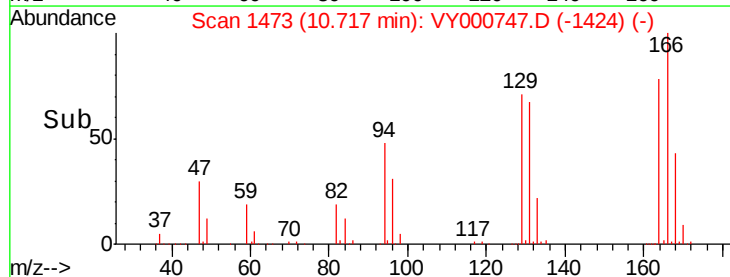
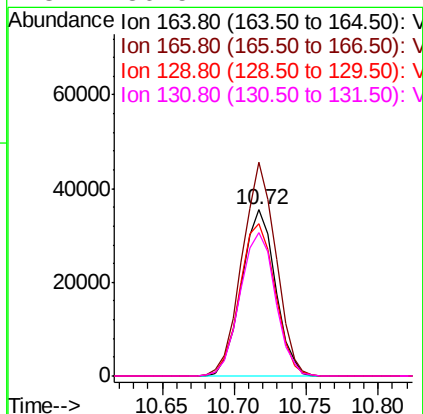
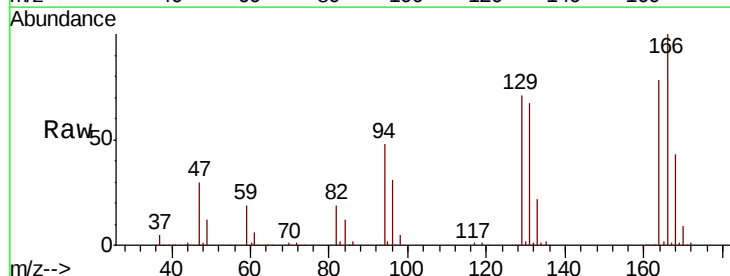
Instrument :
MSVOA_Y
ClientSampleId :

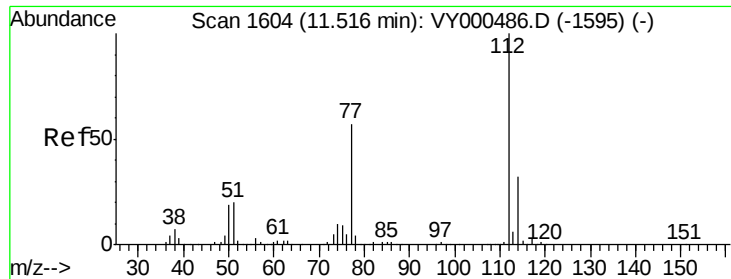
Tot Ion:117 Resp: 327382
Ion Ratio Lower Upper
117 100
82 55.2 40.8 61.2
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 21.351 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion:164 Resp: 57799
Ion Ratio Lower Upper
164 100
166 128.5 102.7 154.1
129 91.4 73.2 109.8
131 86.5 74.2 111.2

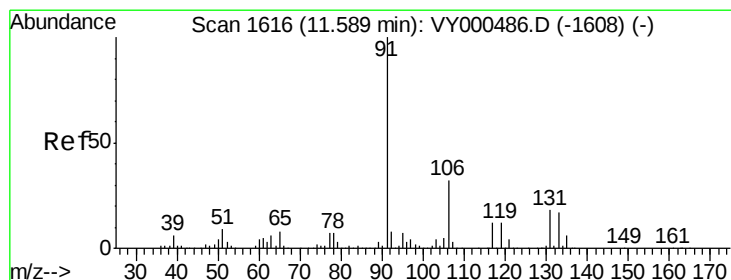
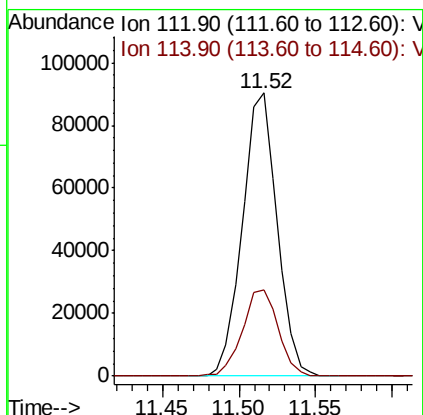
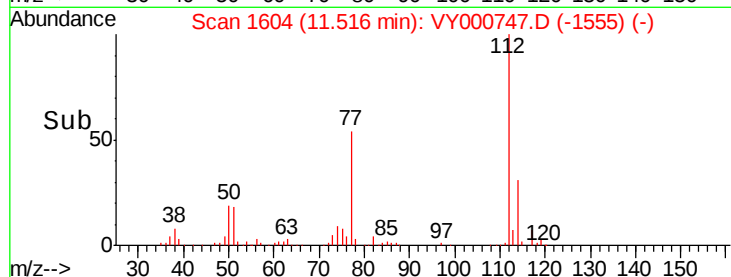
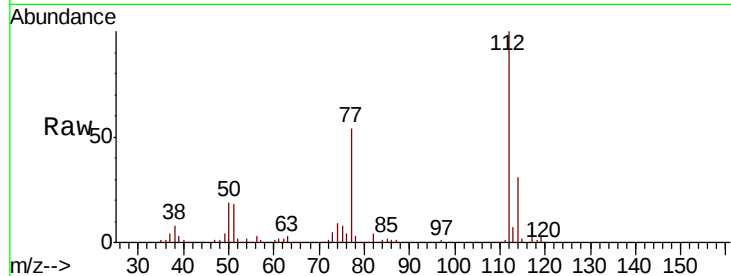




#65
Chlorobenzene
Concen: 21.398 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

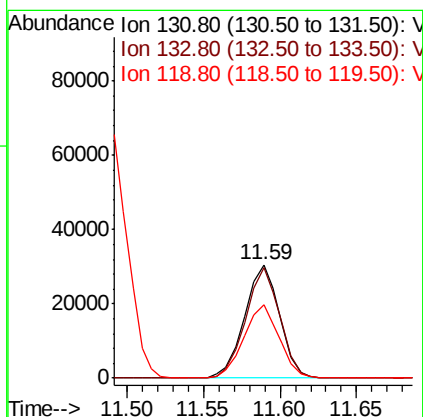
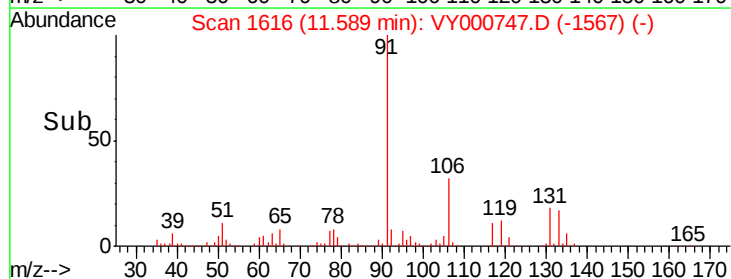
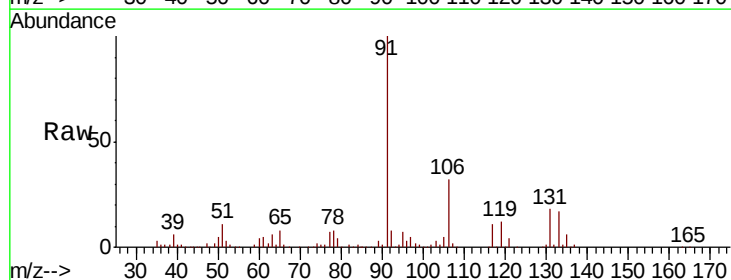
Instrument :
MSVOA_Y
ClientSampleId :

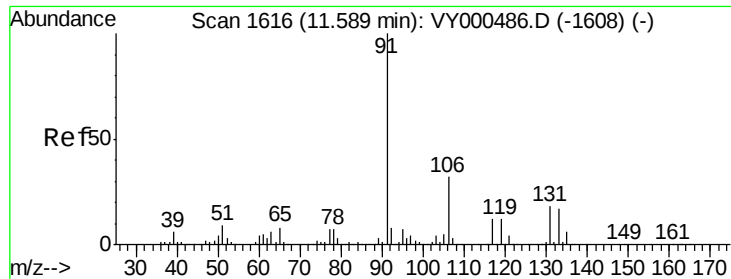
Tot Ion:112 Resp: 142034
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.985 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion:131 Resp: 48309
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 65.7 33.1 99.3

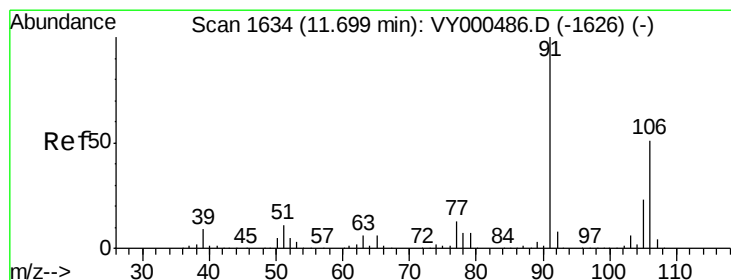
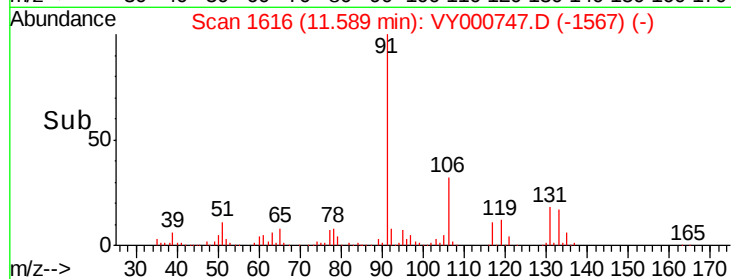
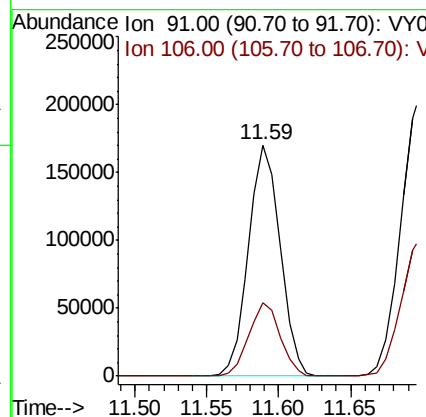
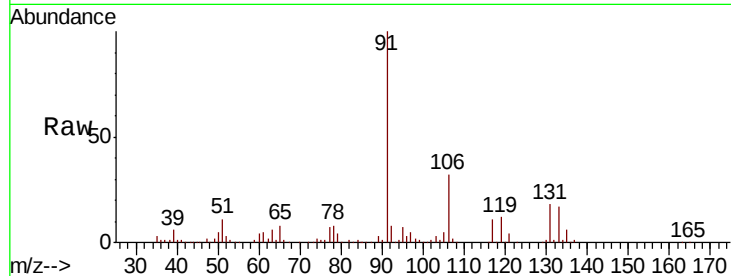




#67
Ethyl Benzene
Concen: 21.179 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

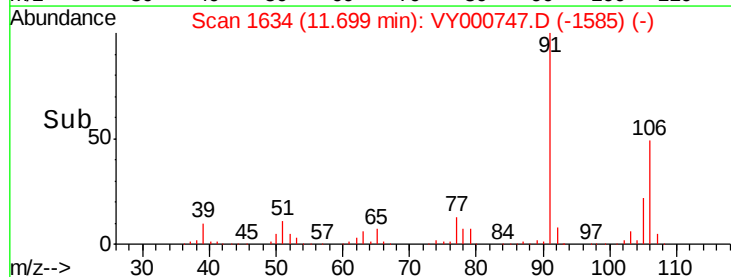
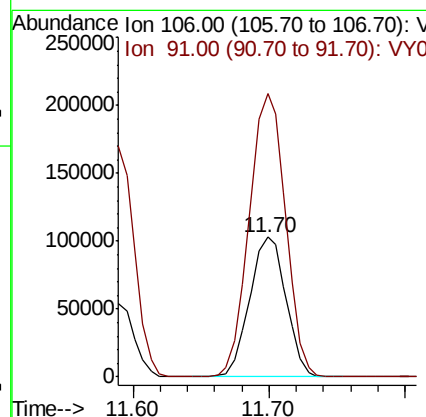
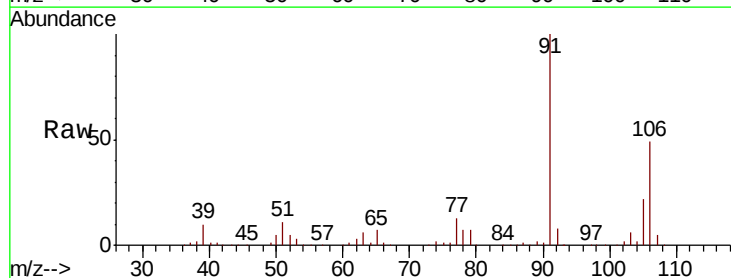
Instrument :
MSVOA_Y
ClientSampled :

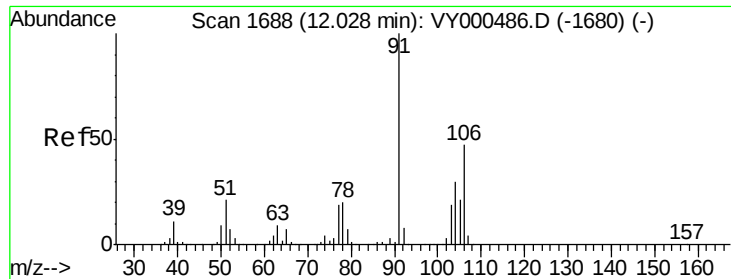
Tot Ion: 91 Resp: 258720
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 40.825 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion: 106 Resp: 193026
Ion Ratio Lower Upper
106 100
91 202.6 155.9 233.9

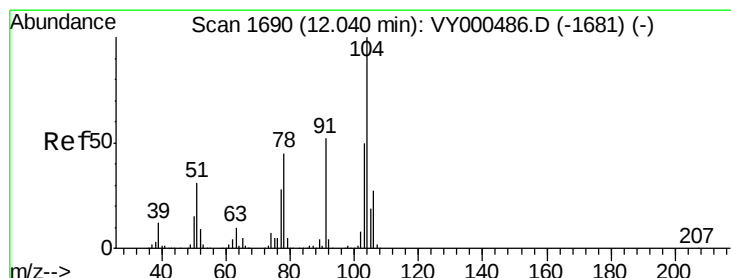
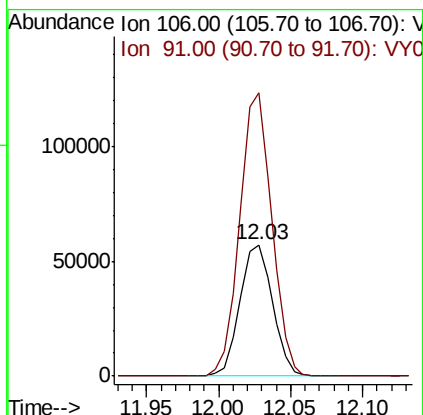
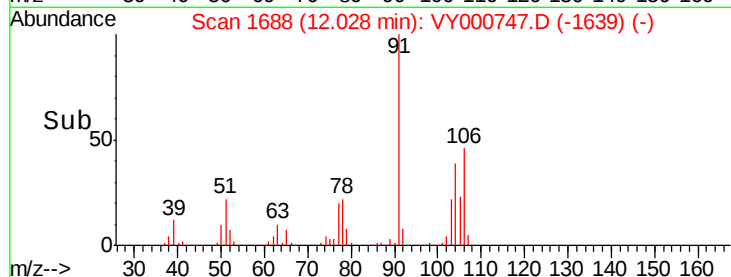
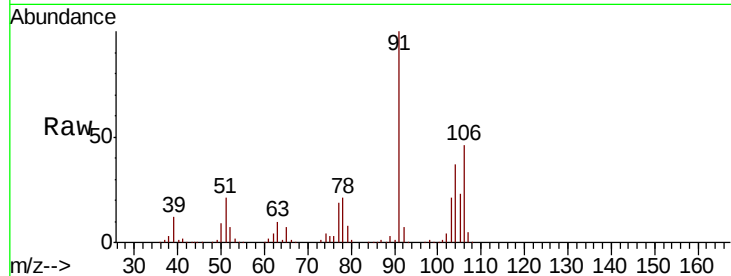




#69
o-Xylene
Concen: 20.318 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

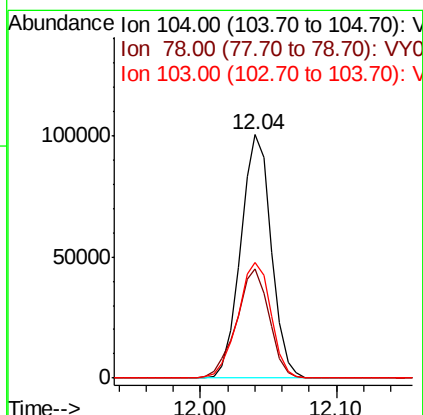
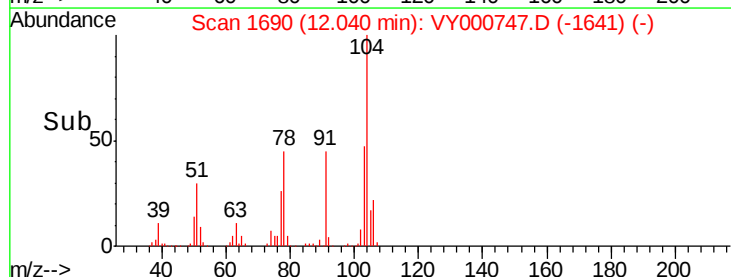
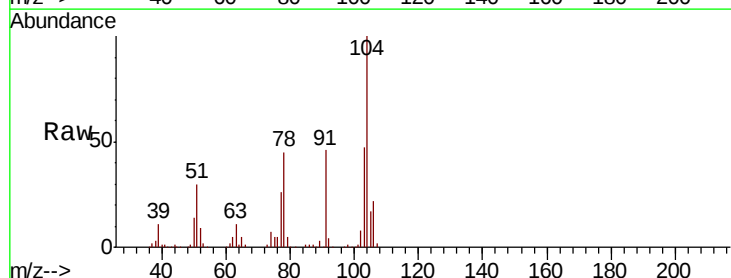
Instrument :
MSVOA_Y
ClientSampled :

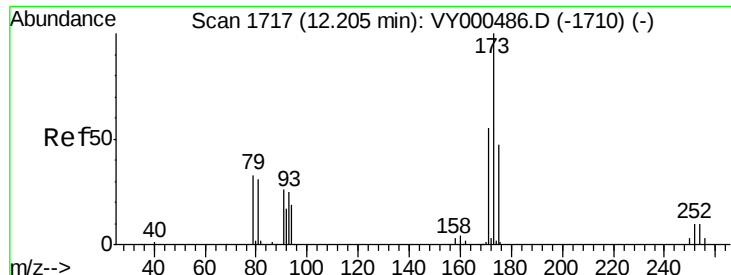
Tot Ion:106 Resp: 90284
Ion Ratio Lower Upper
106 100
91 211.2 106.5 319.6



#70
Styrene
Concen: 20.683 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion:104 Resp: 157377
Ion Ratio Lower Upper
104 100
78 48.0 39.0 58.4
103 51.5 42.5 63.7





#71

Bromoform

Concen: 20.228 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

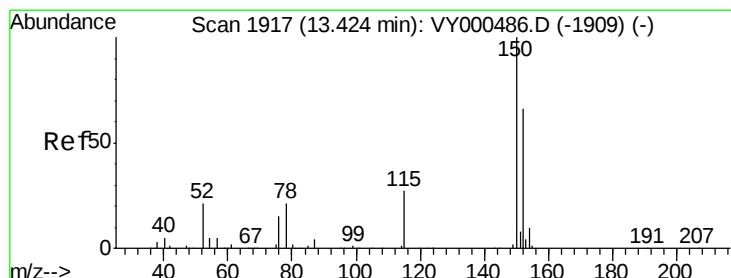
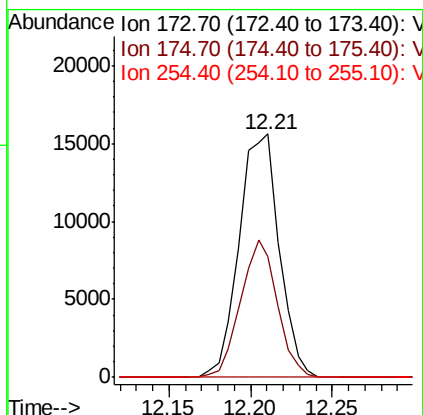
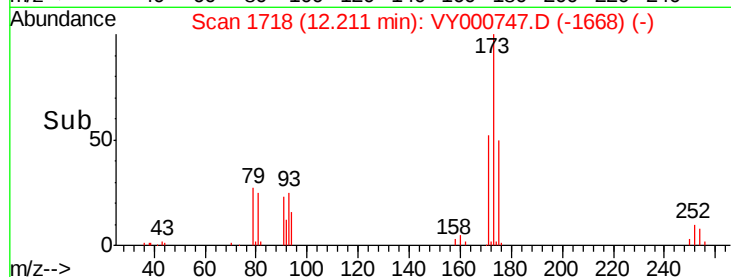
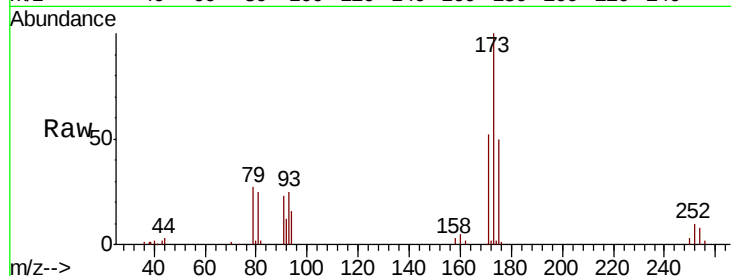
Tot Ion:173 Resp: 26783

Ion Ratio Lower Upper

173 100

175 51.6 24.4 73.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

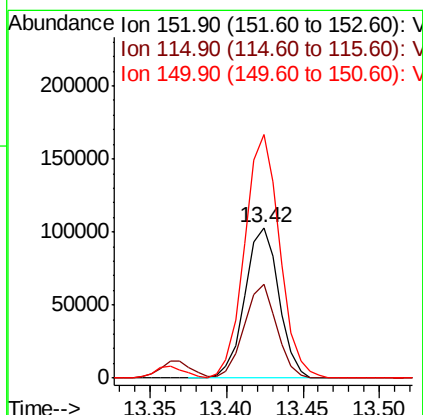
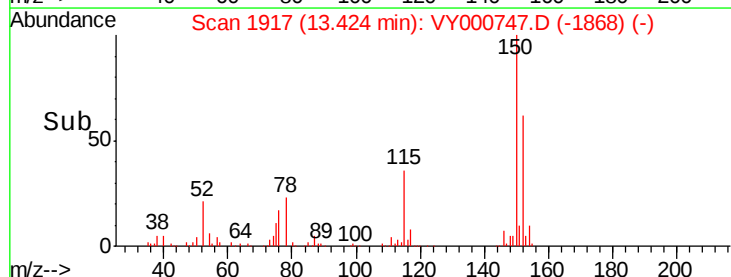
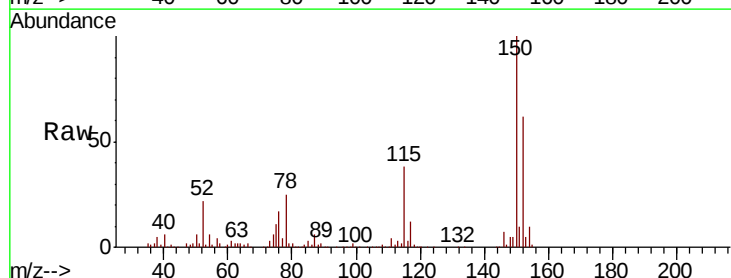
Tgt Ion:152 Resp: 159034

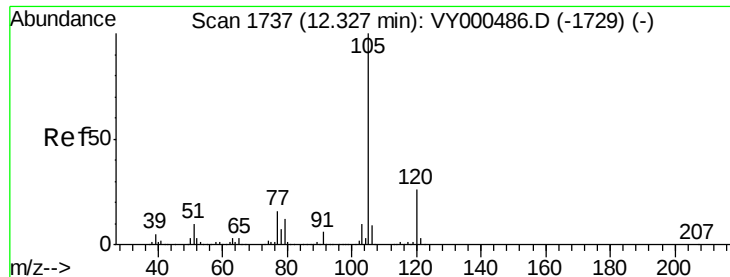
Ion Ratio Lower Upper

152 100

115 59.3 29.1 87.4

150 166.7 0.0 348.8





#73

Isopropylbenzene

Concen: 21.232 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

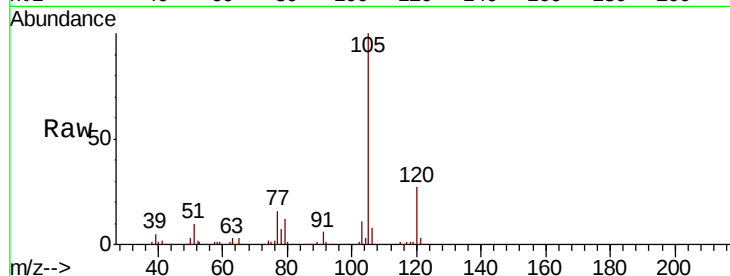
ClientSampleId :

Tot Ion:105 Resp: 249559

Ion Ratio Lower Upper

105 100

120 27.7 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

150000

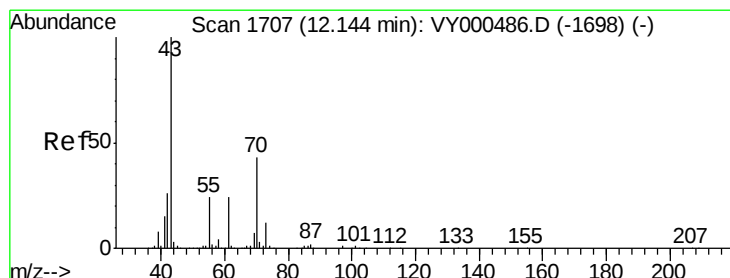
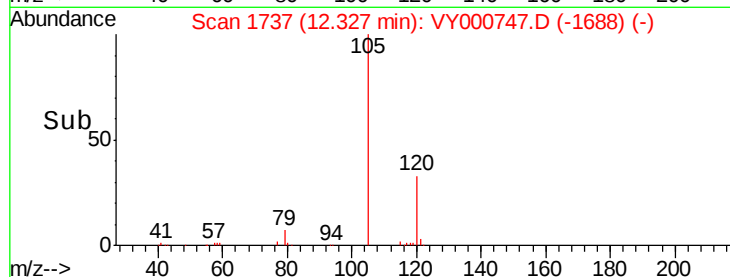
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 20.938 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Tgt Ion: 43 Resp: 70482

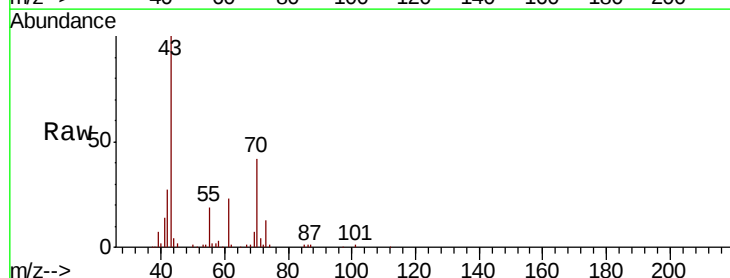
Ion Ratio Lower Upper

43 100

70 41.1 33.1 49.7

55 22.2 18.0 27.0

61 24.1 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

60000

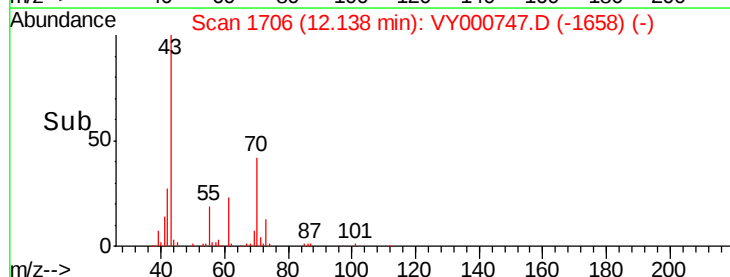
40000

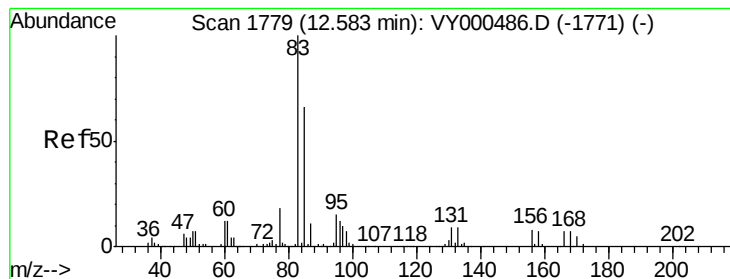
20000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.848 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

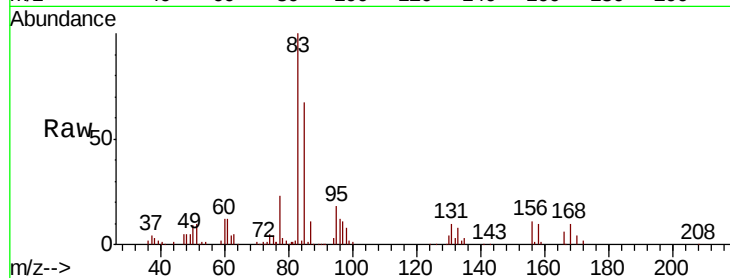
Tot Ion: 83 Resp: 48519

Ion Ratio Lower Upper

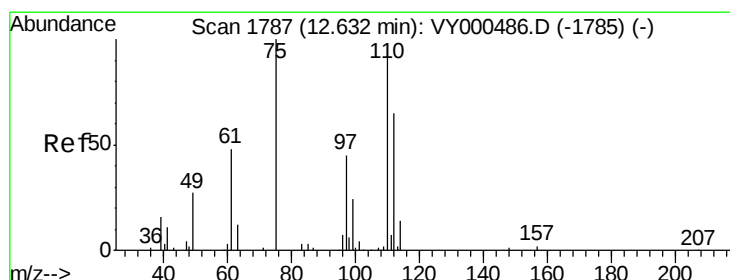
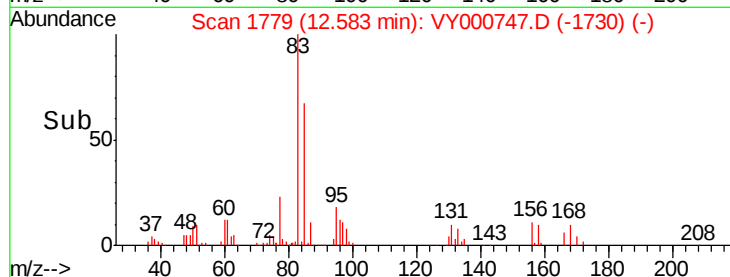
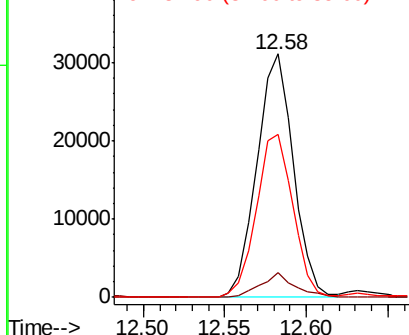
83 100

131 9.3 5.0 14.9

85 67.1 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 38.226 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000747.D

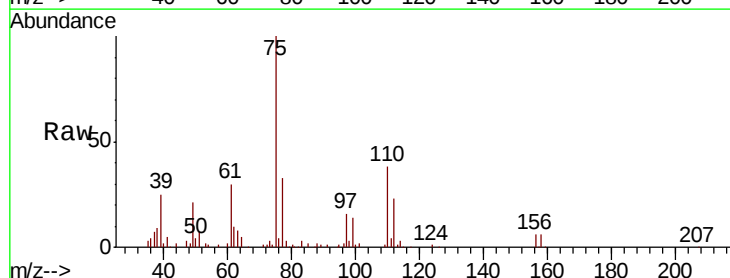
Acq: 20 Nov 2019 12:02

Tgt Ion: 75 Resp: 69220

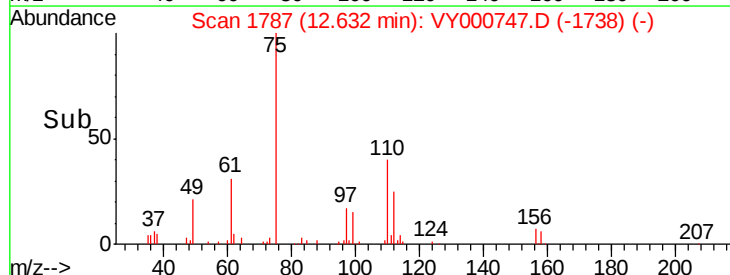
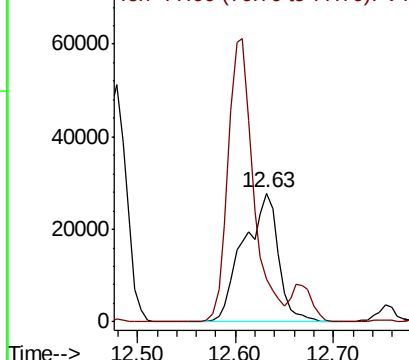
Ion Ratio Lower Upper

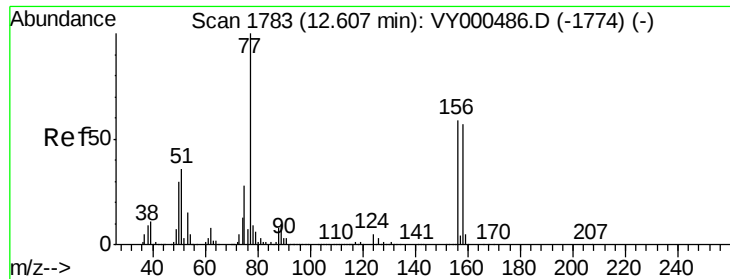
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.718 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

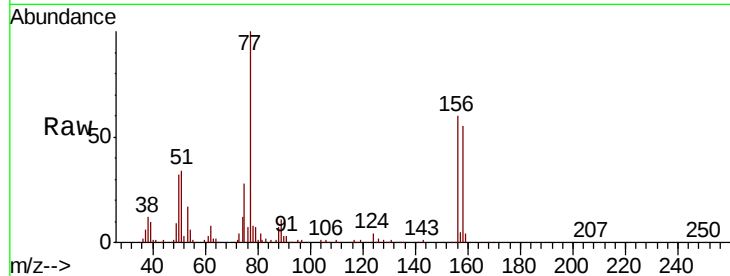
Tot Ion:156 Resp: 57888

Ion Ratio Lower Upper

156 100

77 191.8 98.2 294.4

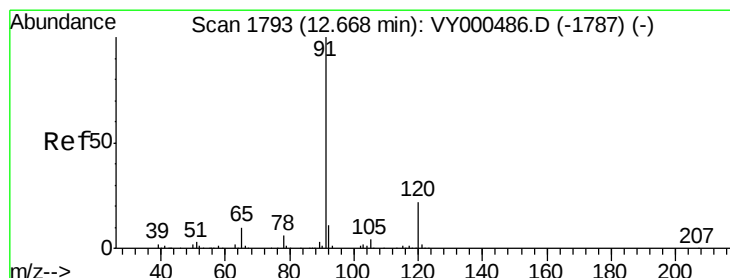
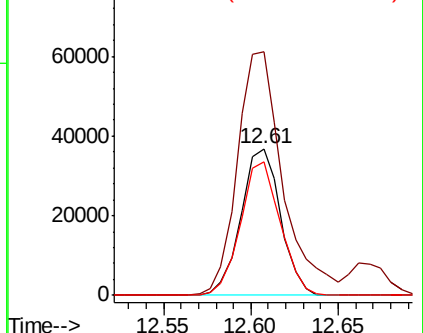
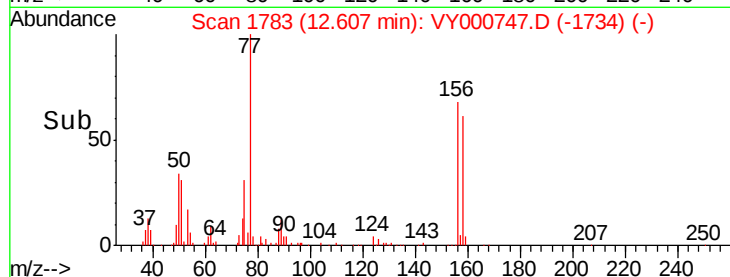
158 91.3 49.6 149.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.501 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000747.D

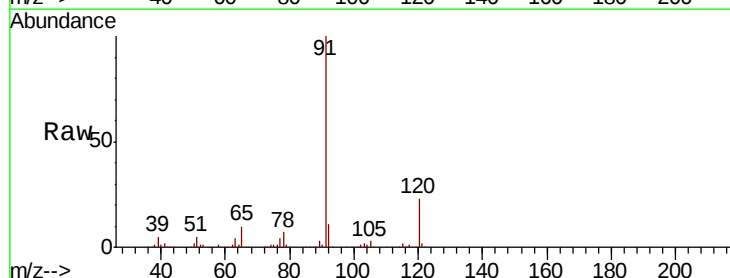
Acq: 20 Nov 2019 12:02

Tgt Ion: 91 Resp: 304929

Ion Ratio Lower Upper

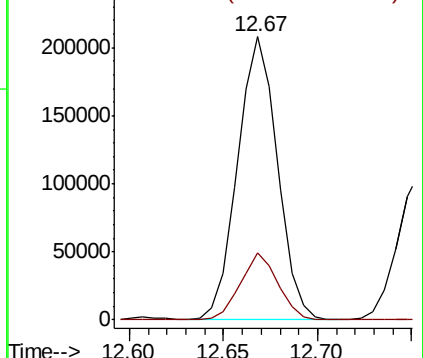
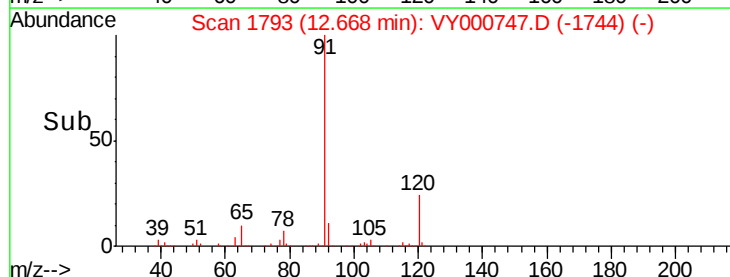
91 100

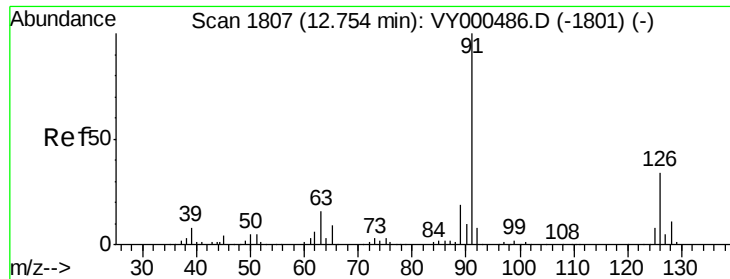
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.959 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

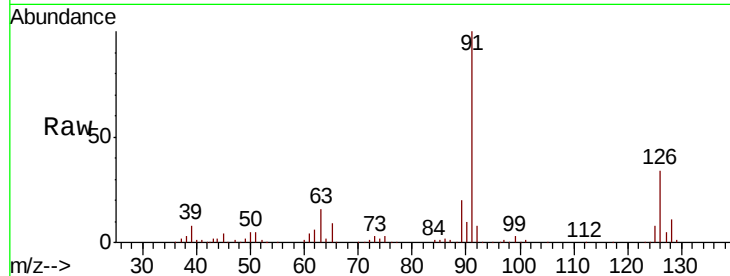
ClientSampleId :

Tot Ion: 91 Resp: 165017

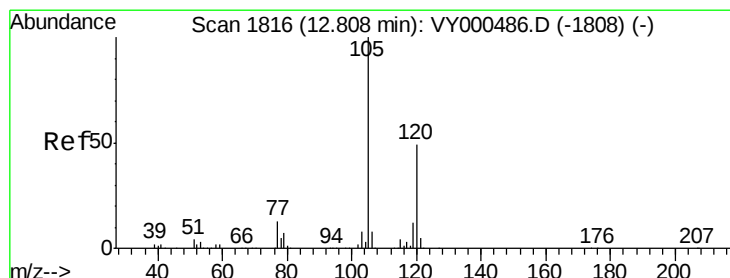
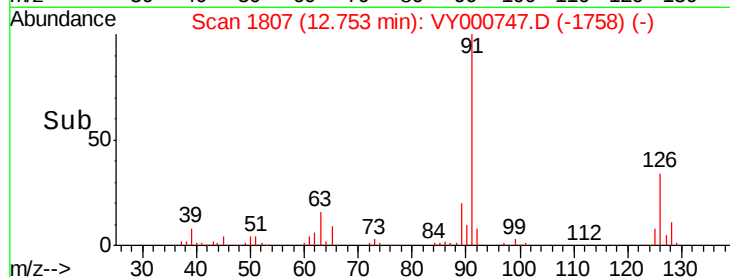
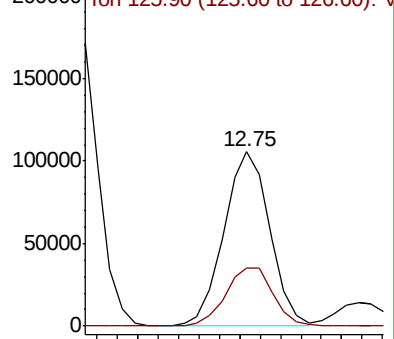
Ion Ratio Lower Upper

91 100

126 35.0 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VY000747.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.357 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000747.D

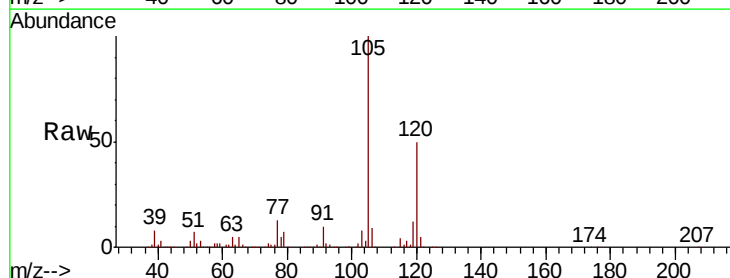
Acq: 20 Nov 2019 12:02

Tgt Ion: 105 Resp: 209064

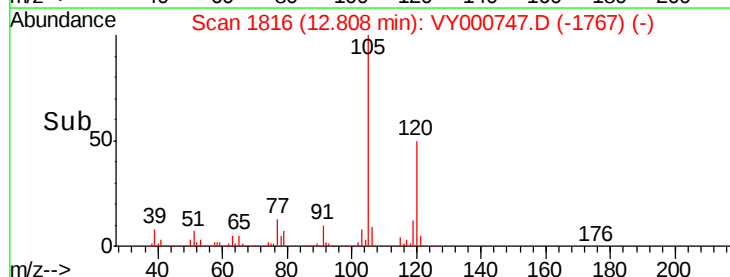
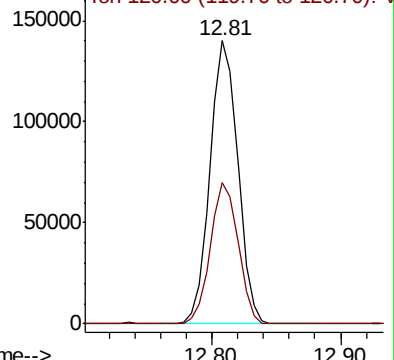
Ion Ratio Lower Upper

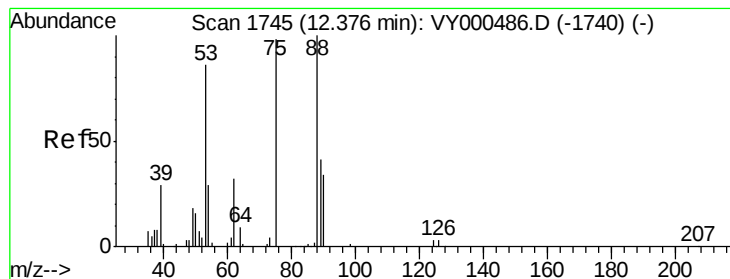
105 100

120 49.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000747.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.927 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

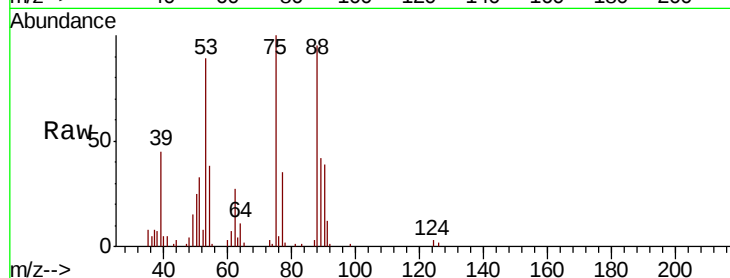
Tot Ion: 75 Resp: 16901

Ion Ratio Lower Upper

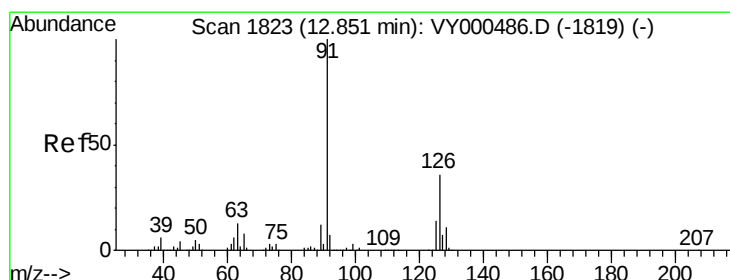
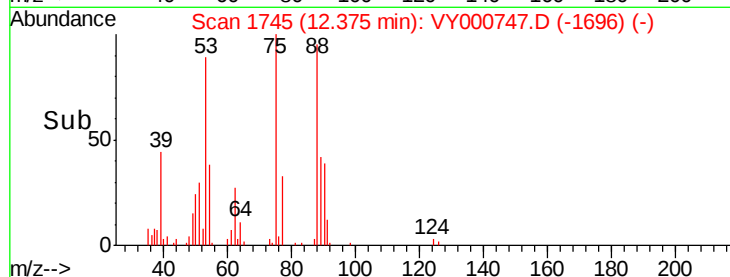
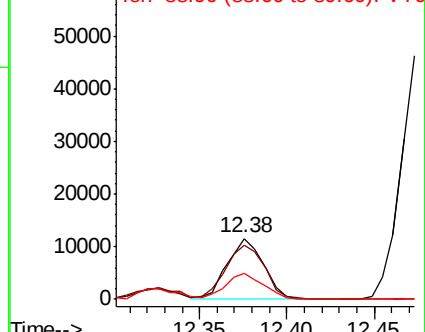
75 100

53 94.1 73.2 109.8

89 43.0 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: 21.289 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000747.D

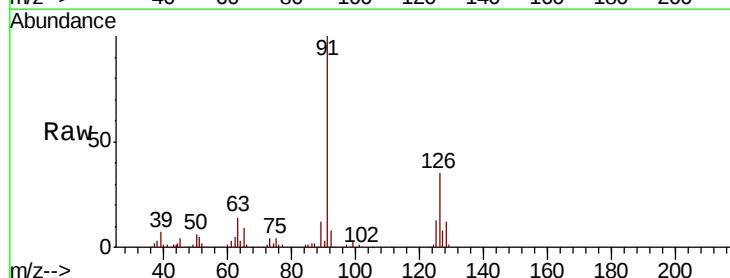
Acq: 20 Nov 2019 12:02

Tgt Ion: 91 Resp: 173746

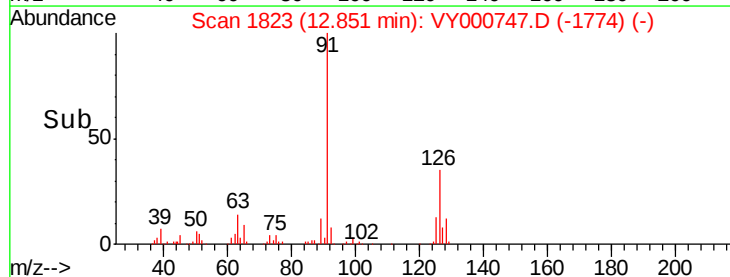
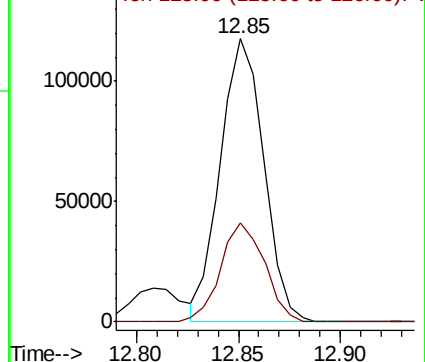
Ion Ratio Lower Upper

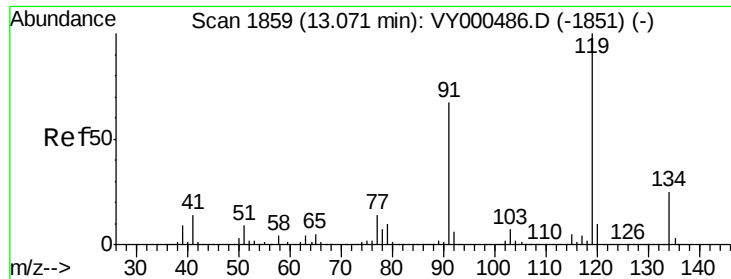
91 100

126 35.6 17.6 52.9



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

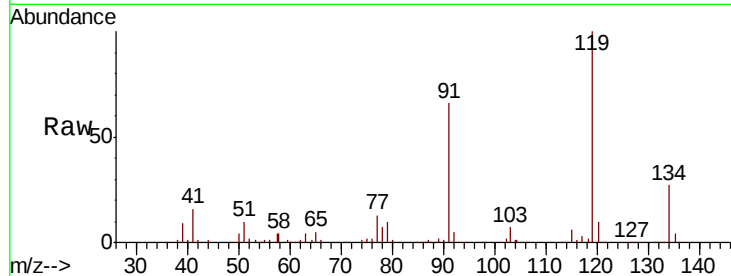




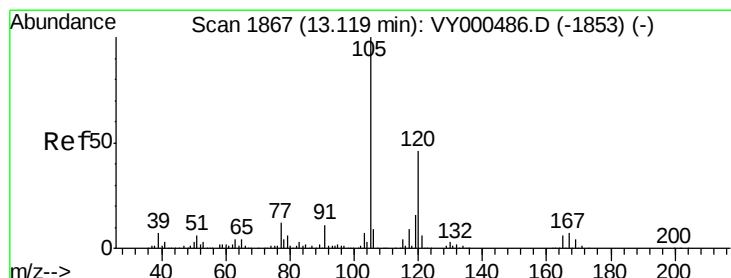
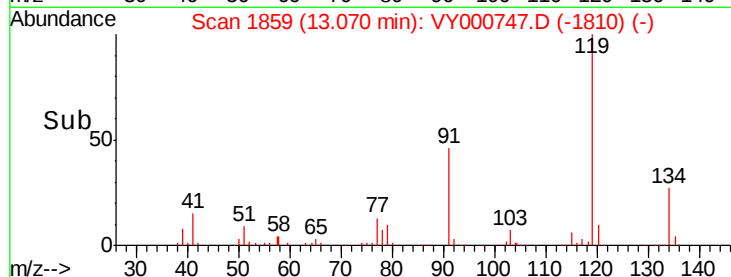
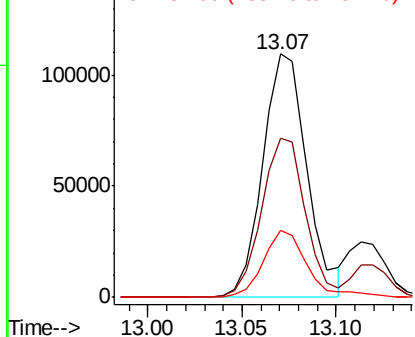
#83
tert-Butylbenzene
Concen: 21.295 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 177988
Ion Ratio Lower Upper
119 100
91 65.0 32.1 96.3
134 27.3 13.2 39.5

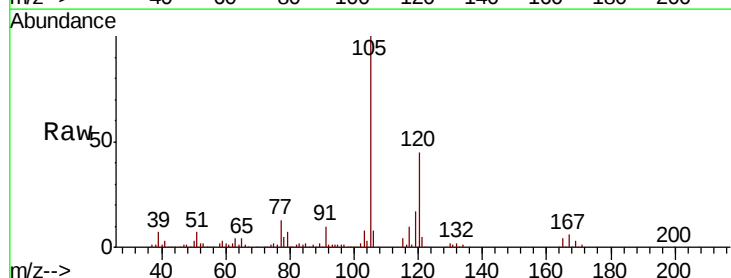


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

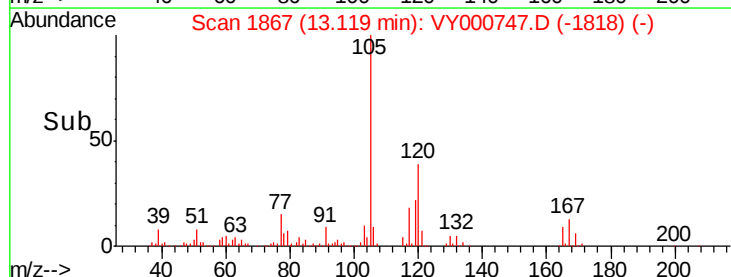
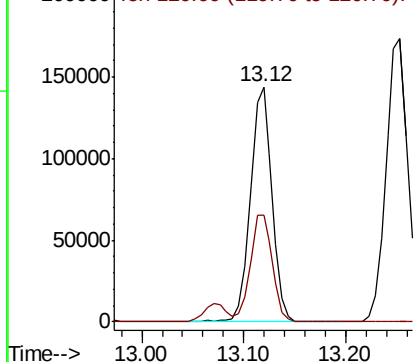


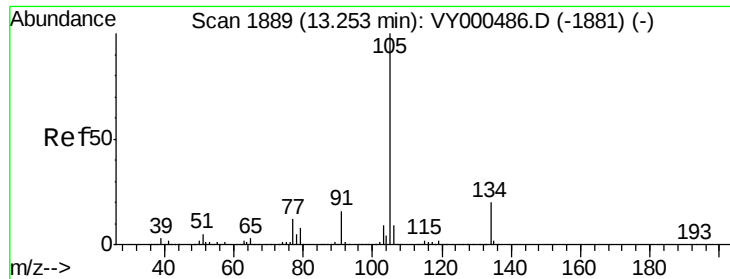
#84
1,2,4-Trimethylbenzene
Concen: 21.804 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion:105 Resp: 212519
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.810 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

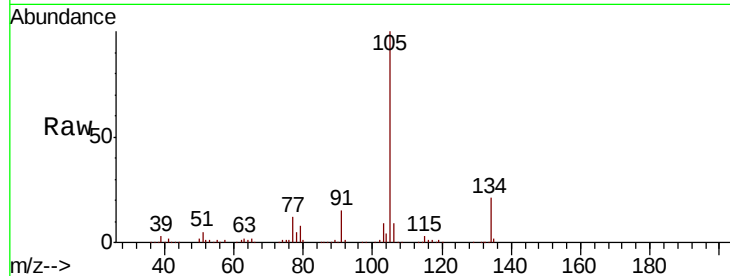
ClientSampleId :

Tot Ion:105 Resp: 259719

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

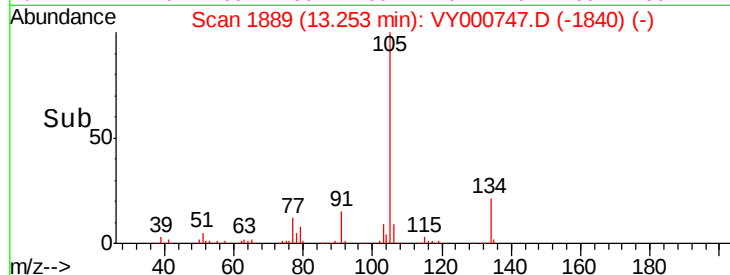
150000

100000

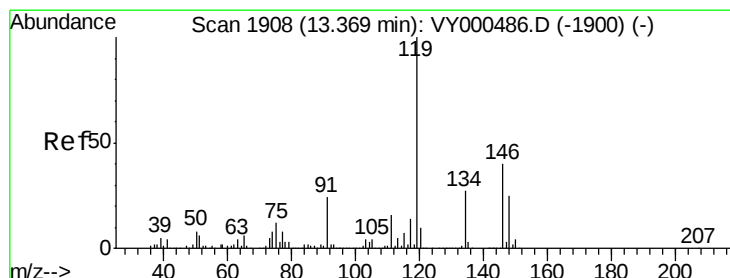
50000

0

13.15 13.20 13.25 13.30



Time-->



#86

p-Isopropyltoluene

Concen: 21.387 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

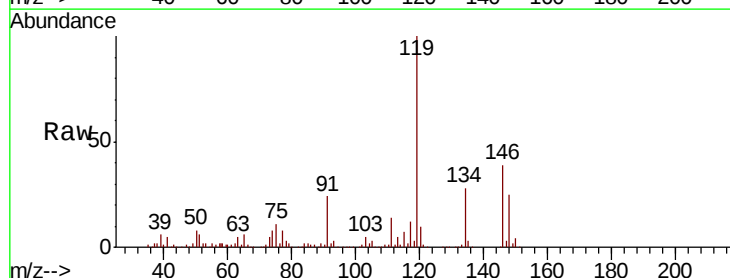
Tgt Ion:119 Resp: 226991

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 24.3 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

200000

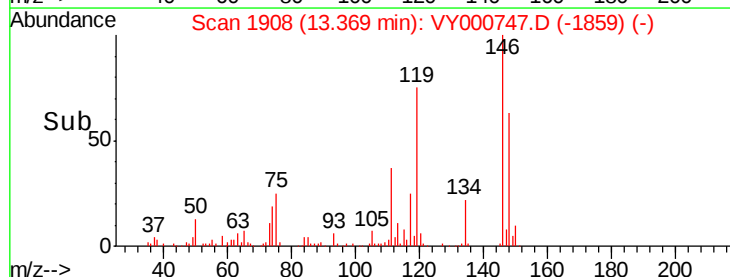
150000

100000

50000

0

13.30 13.35 13.40 13.45



Time-->



#87

1,3-Dichlorobenzene

Concen: 21.265 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampled :

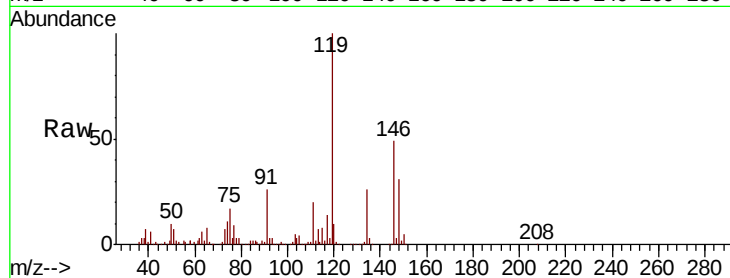
Tot Ion:146 Resp: 111018

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

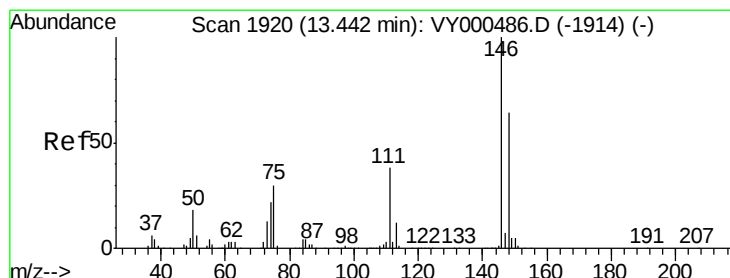
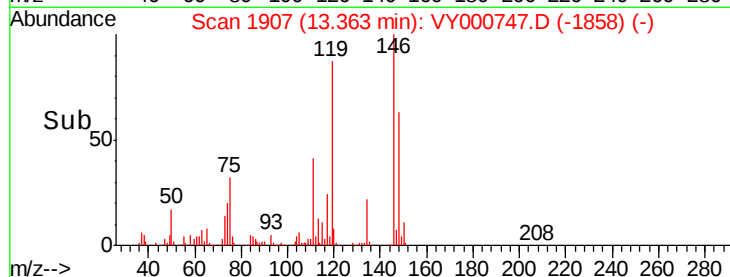
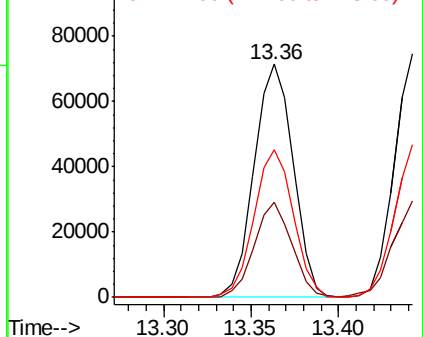
148 63.5 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.455 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

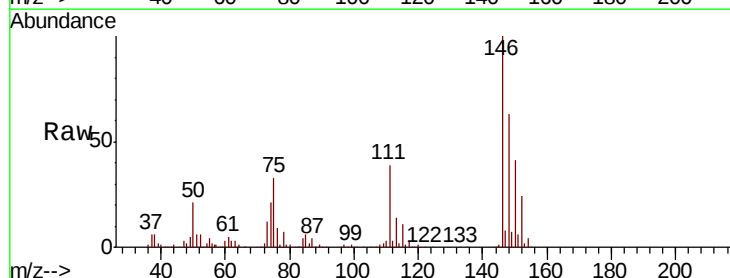
Tgt Ion:146 Resp: 111930

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

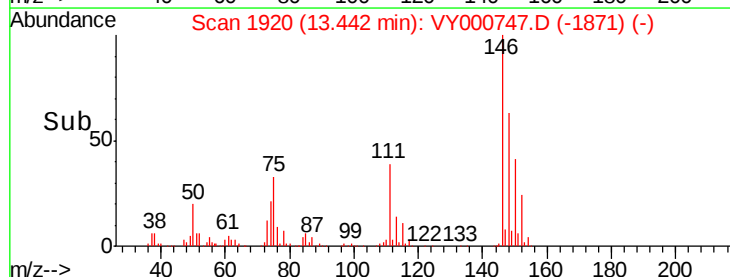
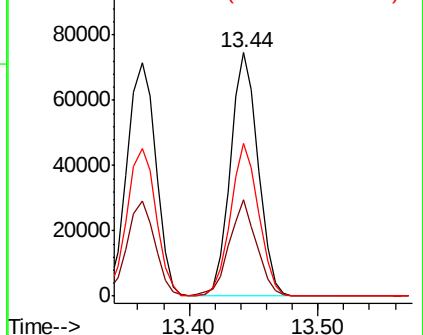
148 63.5 31.9 95.7

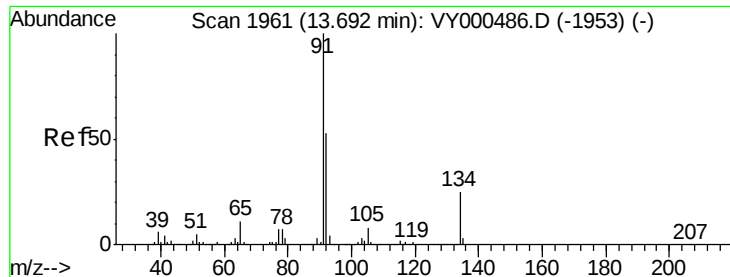


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

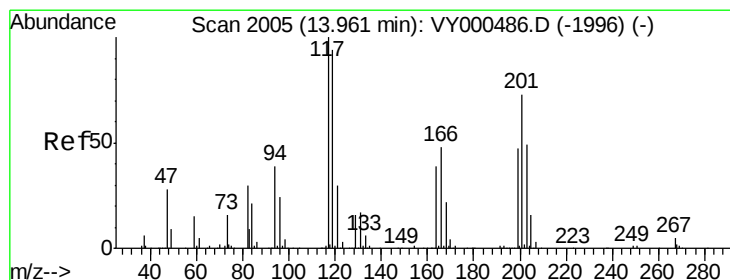
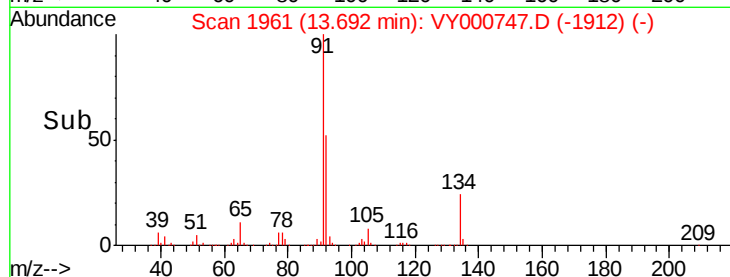
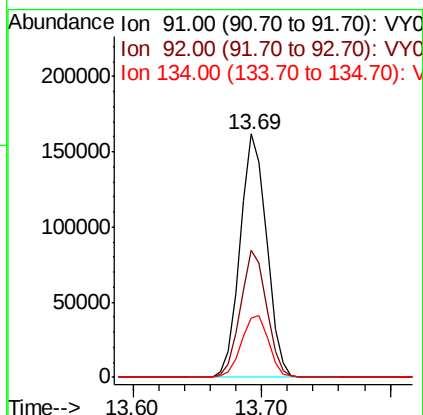
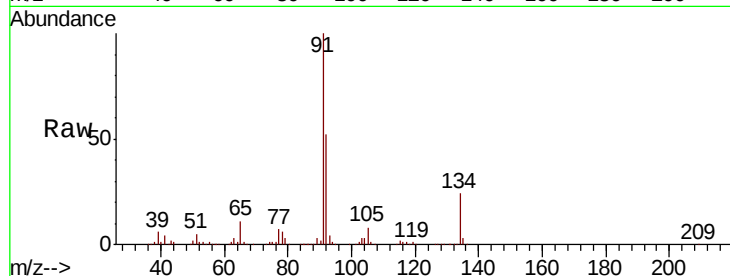




#89
n-Butylbenzene
Concen: 22.007 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

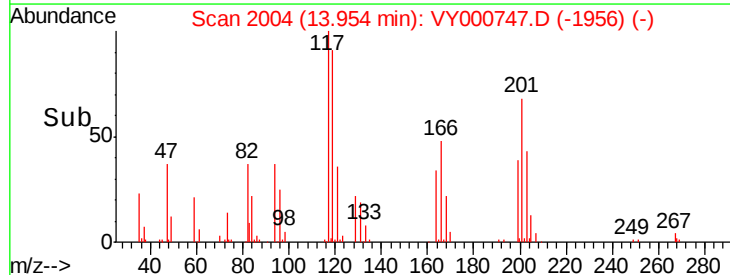
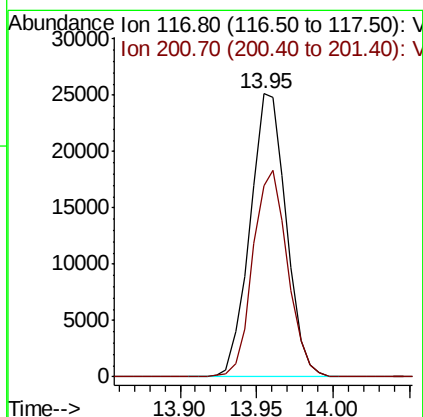
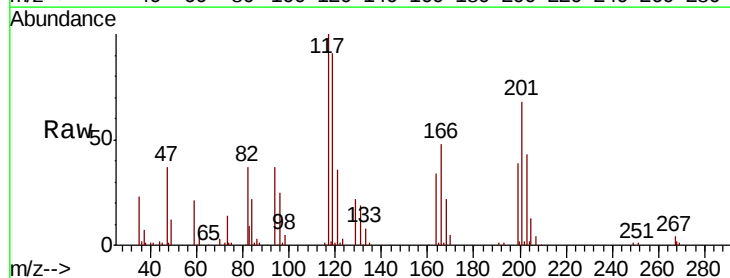
Instrument :
MSVOA_Y
ClientSampled :

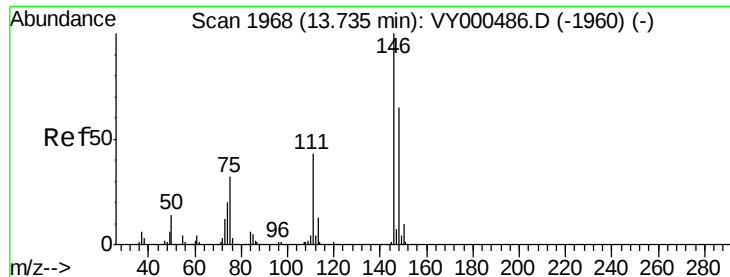
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.8	80.3
134	26.1	12.9	38.7



#90
Hexachloroethane
Concen: 21.077 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000747.D
Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.0	35.8	107.3

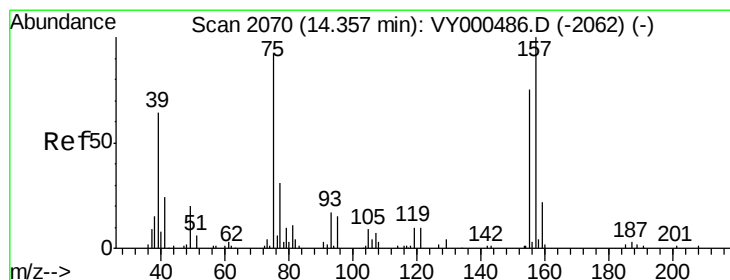
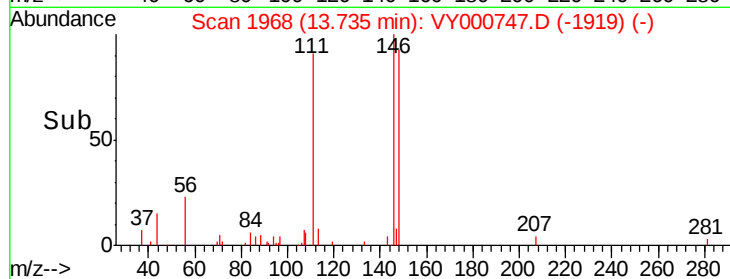
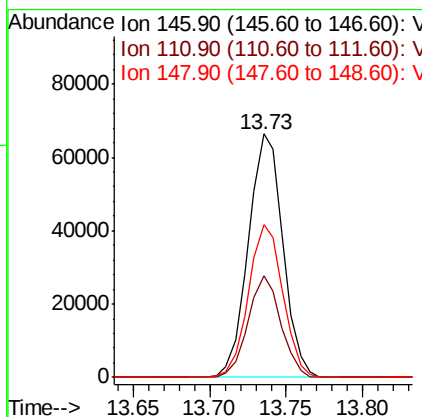
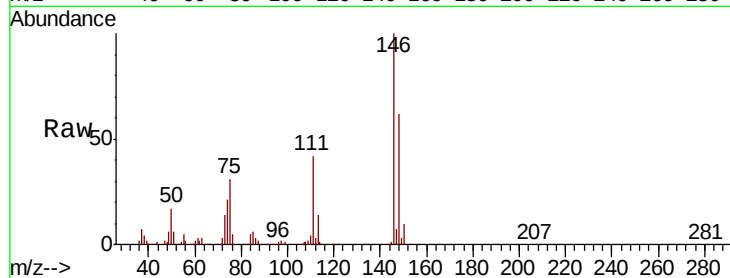




#91
 1,2-Dichlorobenzene
 Concen: 21.957 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

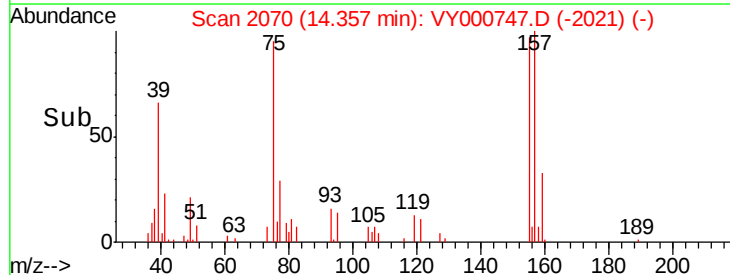
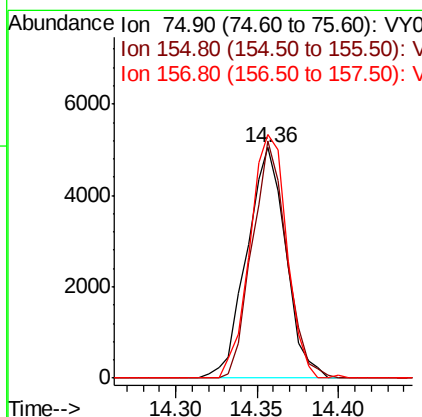
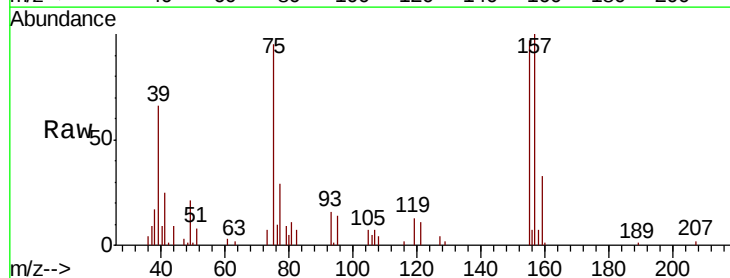
Instrument :
 MSVOA_Y
 ClientSampleId :

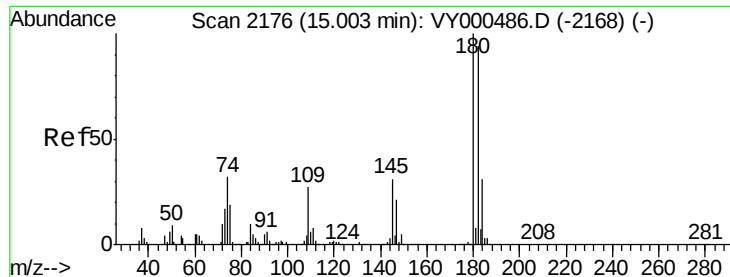
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.5	61.5
148	62.7	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.365 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	42.4	127.1
157	99.8	55.1	165.3

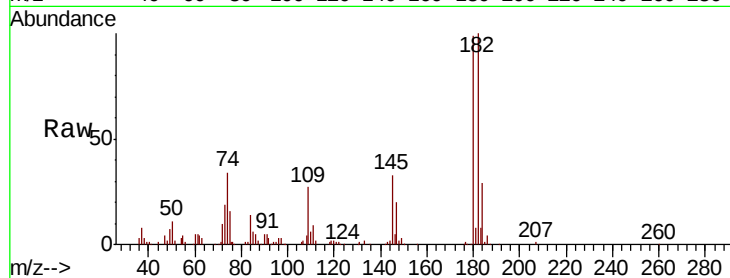




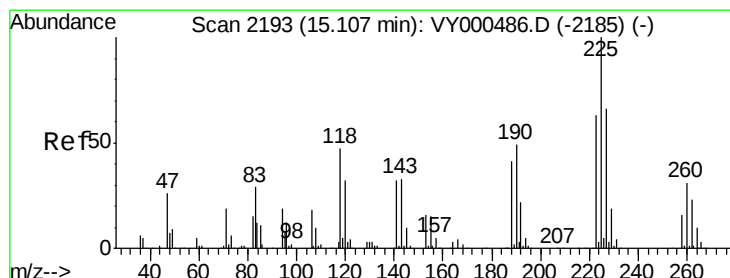
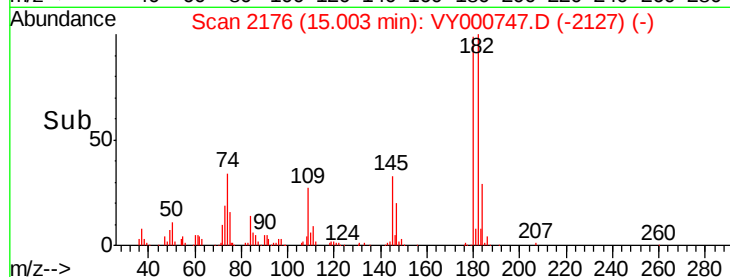
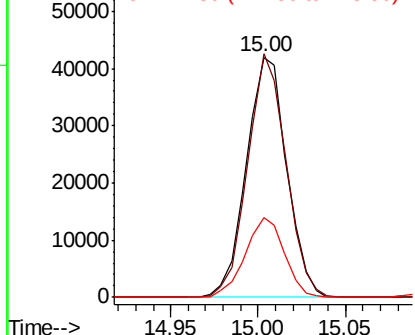
#93
 1,2,4-Trichlorobenzene
 Concen: 20.908 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:180 Resp: 67434
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.8 143.4
 145 32.2 16.0 47.9

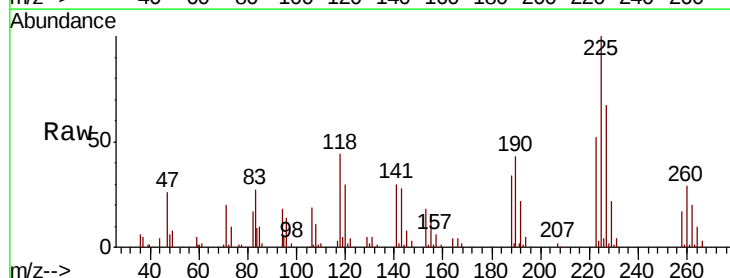


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

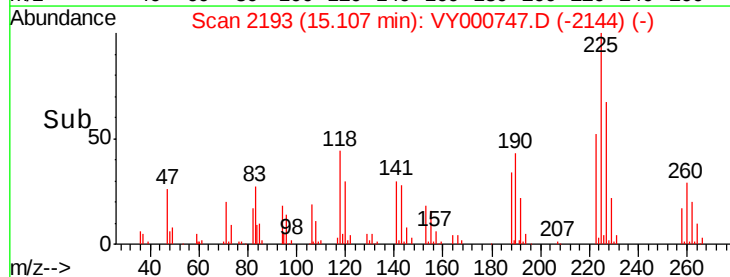
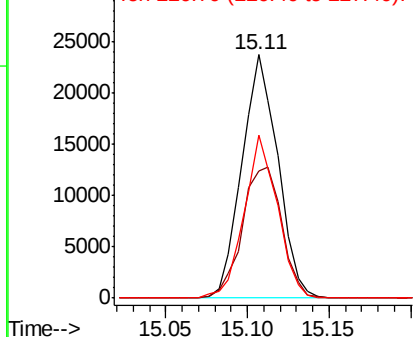


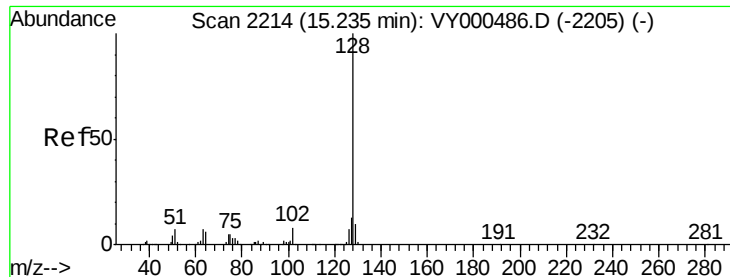
#94
 Hexachlorobutadiene
 Concen: 21.899 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000747.D
 Acq: 20 Nov 2019 12:02

Tgt Ion:225 Resp: 36408
 Ion Ratio Lower Upper
 225 100
 223 59.3 31.3 93.8
 227 62.0 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.050 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

Instrument :

MSVOA_Y

ClientSampleId :

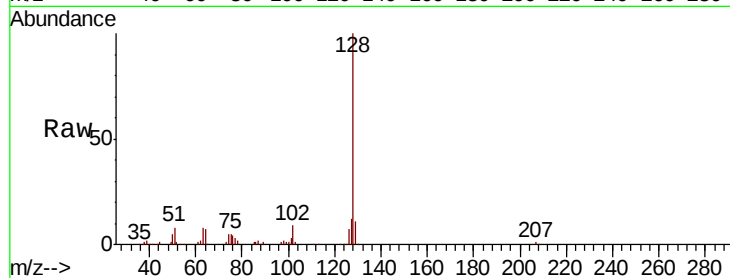
Tot Ion:128 Resp: 150717

Ion Ratio Lower Upper

128 100

127 13.0 9.8 14.6

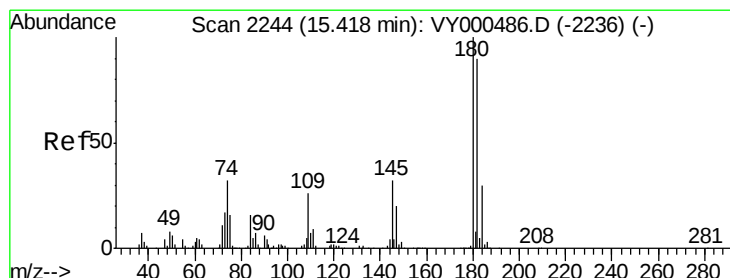
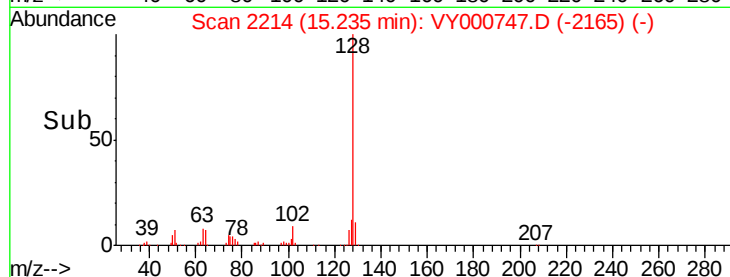
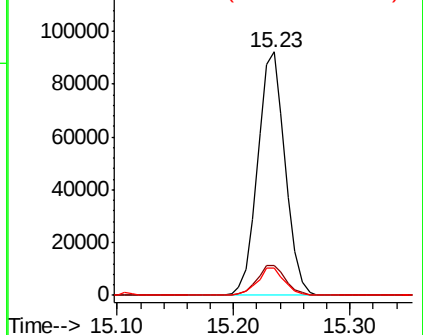
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.112 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000747.D

Acq: 20 Nov 2019 12:02

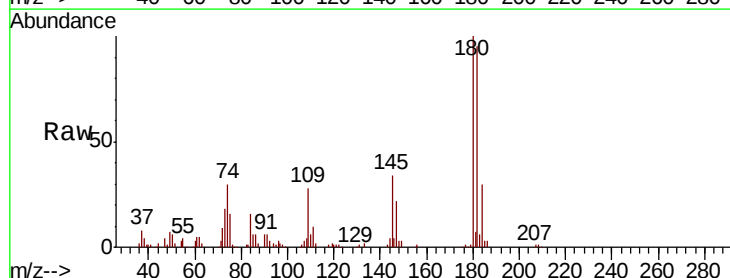
Tgt Ion:180 Resp: 61089

Ion Ratio Lower Upper

180 100

182 92.8 47.4 142.3

145 32.5 15.7 47.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

