

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020248.D
 Acq On : 11 Nov 2024 15:12
 Operator : SY/MD
 Sample : P4768-06
 Misc : 2.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 11 23:16:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

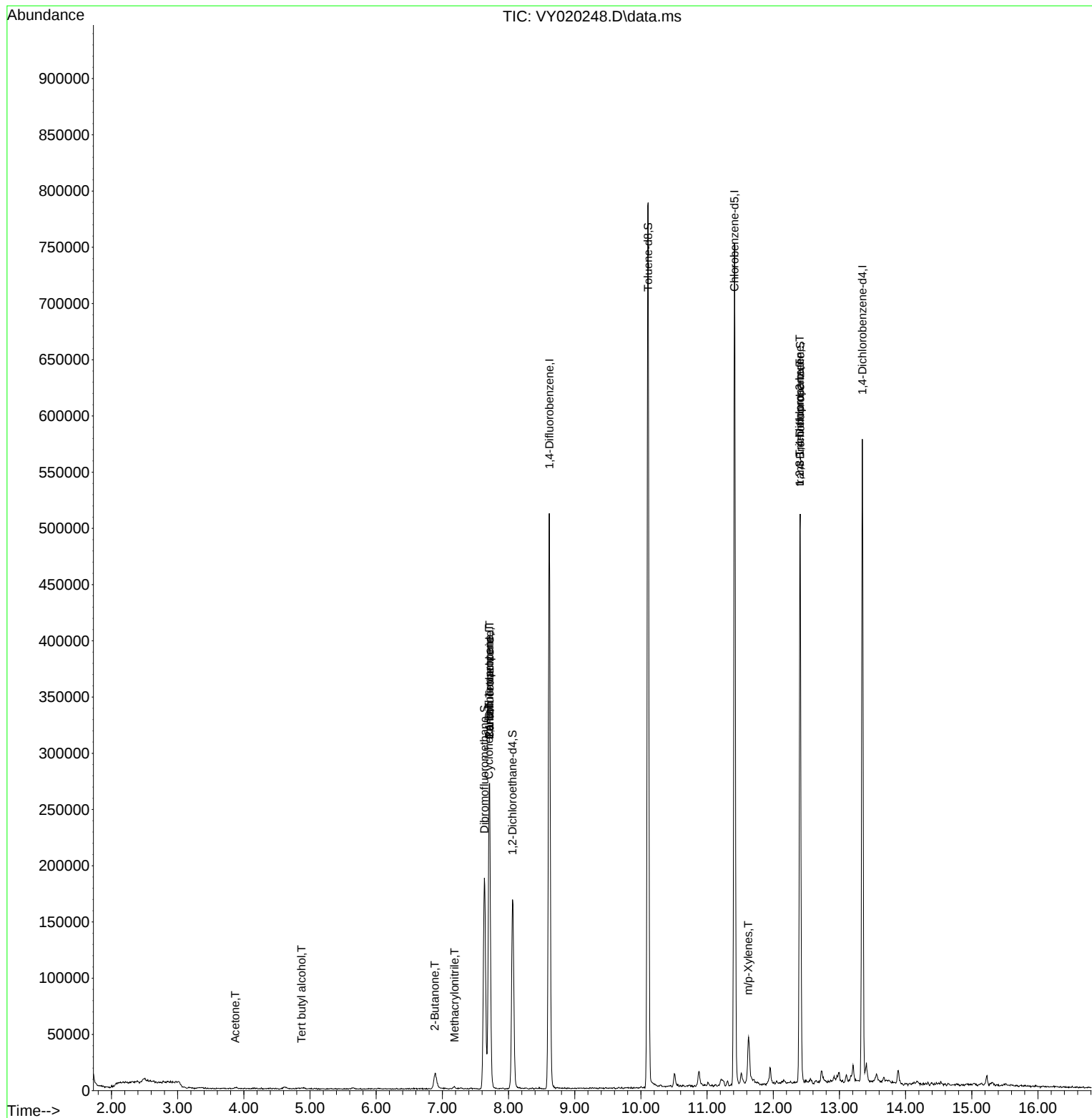
Internal Standards						
1) Pentafluorobenzene	7.713	168	190237	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	399773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	365761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	128461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135459	57.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.100%
35) Dibromofluoromethane	7.634	113	132702	52.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.109	98	495141	48.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.880%
62) 4-Bromofluorobenzene	12.408	95	151247	46.024	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	654	3.829	ug/l	# 88
16) Acetone	3.872	43	2249	4.073	ug/l	# 77
25) 2-Butanone	6.884	43	1089	1.455	ug/l	# 41
31) Cyclohexane	7.701	56	5658	1.313	ug/l	# 35
36) 1,1-Dichloropropene	7.707	75	18520	4.717	ug/l	# 49
38) Carbon Tetrachloride	7.713	117	21789	5.519	ug/l	# 18
41) Methacrylonitrile	7.183	41	1276	1.361	ug/l	# 38
68) m/p-Xylenes	11.621	106	10308	1.934	ug/l	93
76) 1,2,3-Trichloropropane	12.401	75	89340	74.191	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	89340	159.583	ug/l	# 16

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

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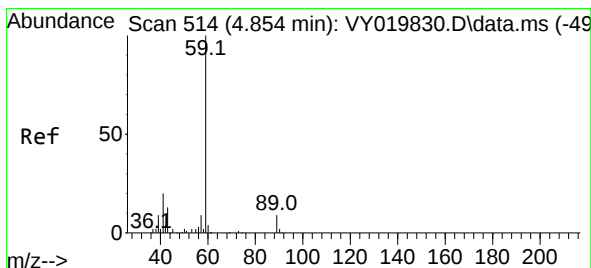
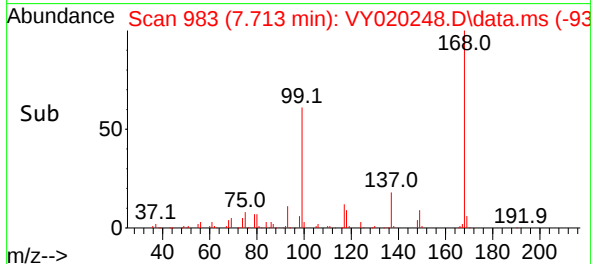
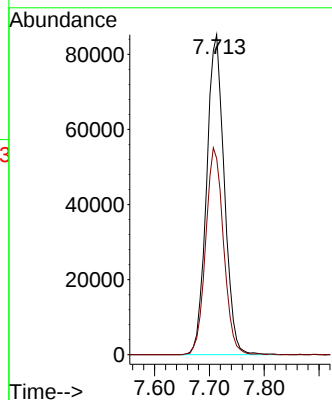
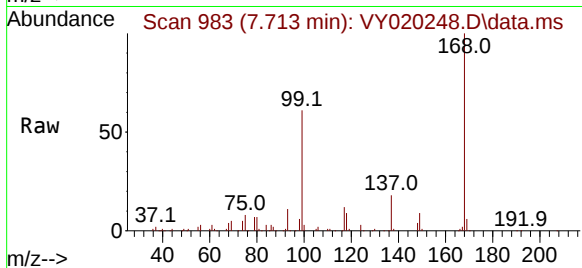




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

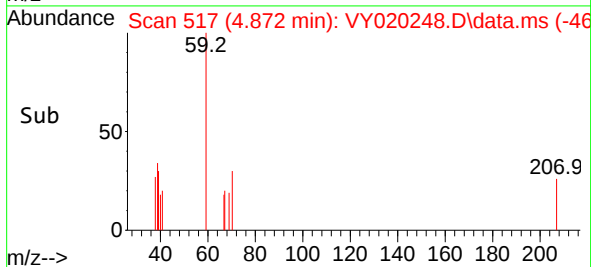
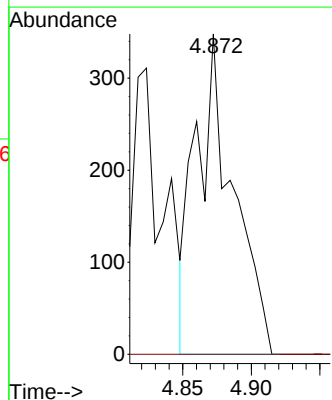
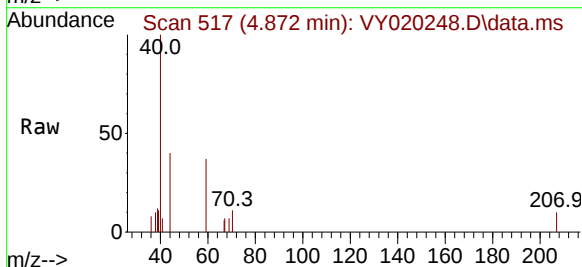
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 190237
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.829 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion: 59 Resp: 654
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

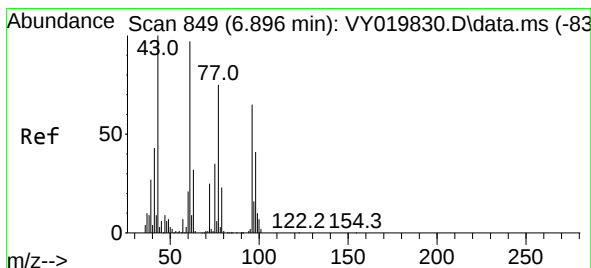
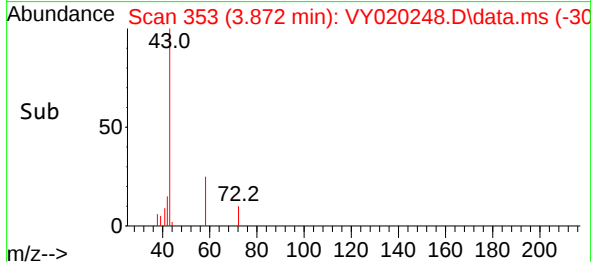
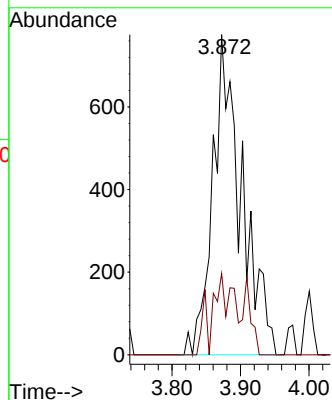
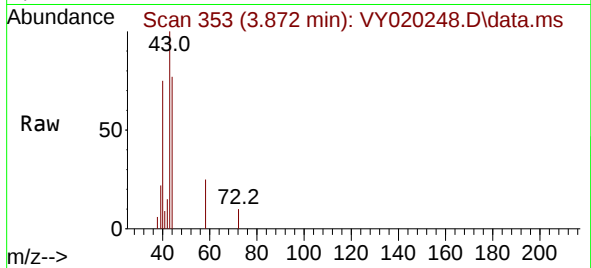




#16
Acetone
Concen: 4.073 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

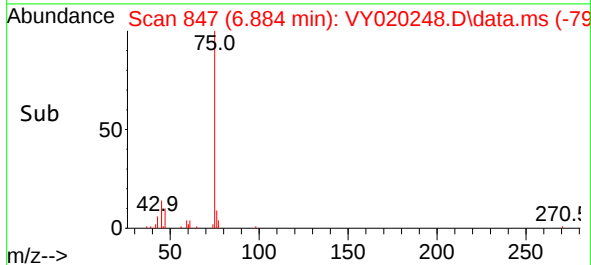
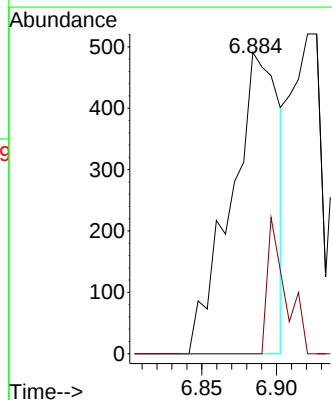
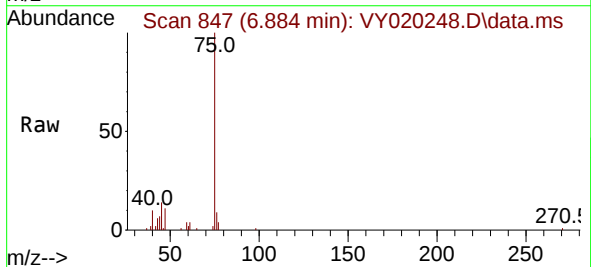
Instrument :
MSVOA_Y
ClientSampleId :

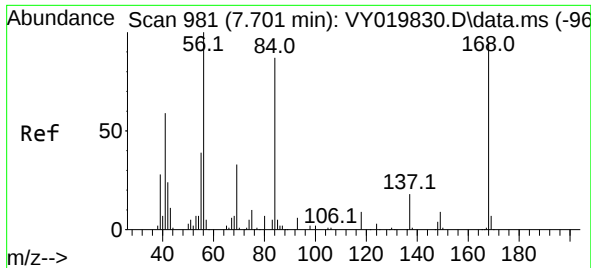
Tgt Ion: 43 Resp: 2249
Ion Ratio Lower Upper
43 100
58 25.4 31.7 47.5#



#25
2-Butanone
Concen: 1.455 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

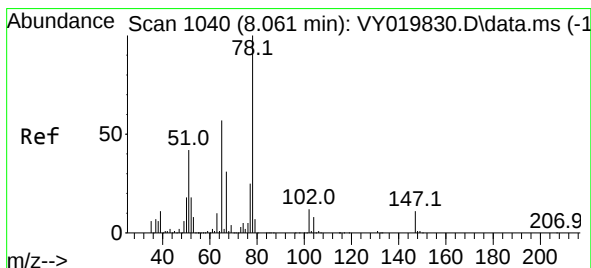
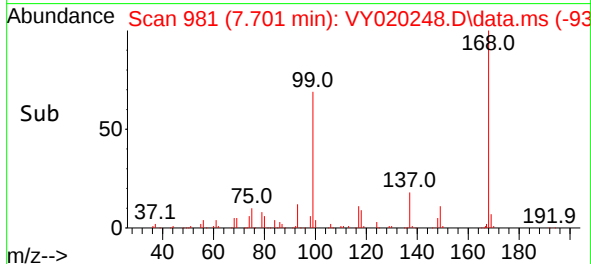
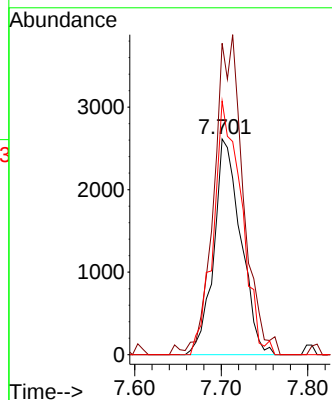
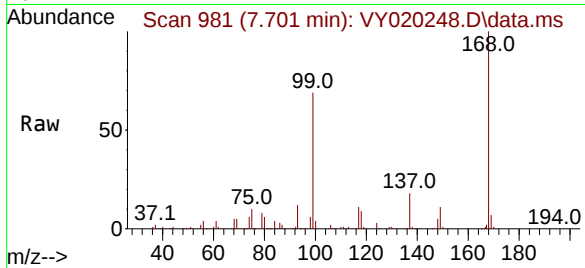




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

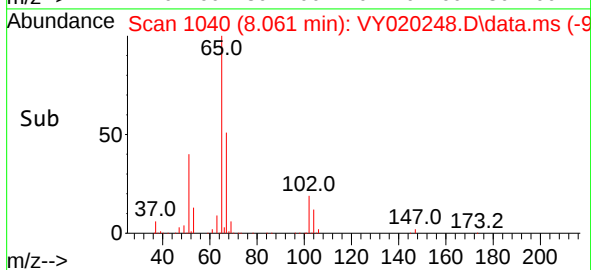
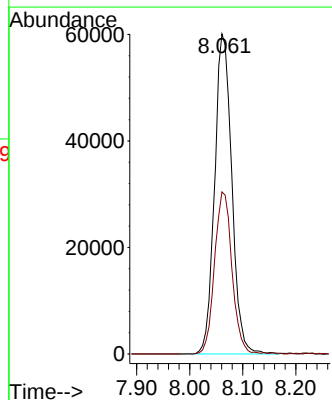
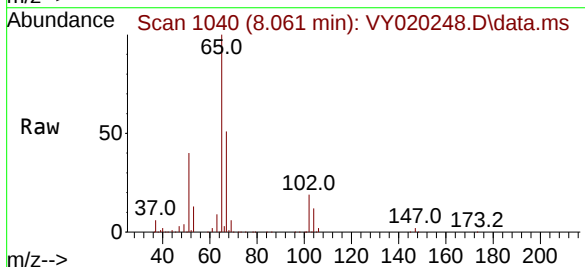
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 5658
Ion Ratio Lower Upper
56 100
69 144.3 28.7 43.1#
84 117.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.053 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

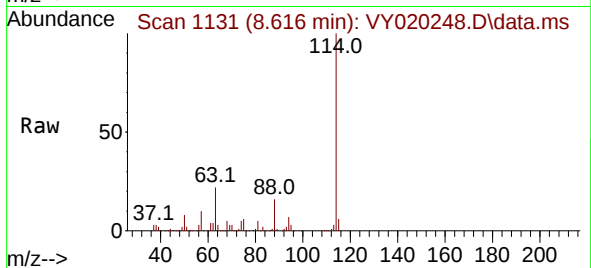
Tgt Ion: 65 Resp: 135459
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6



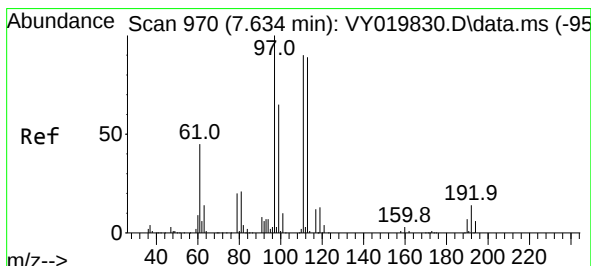
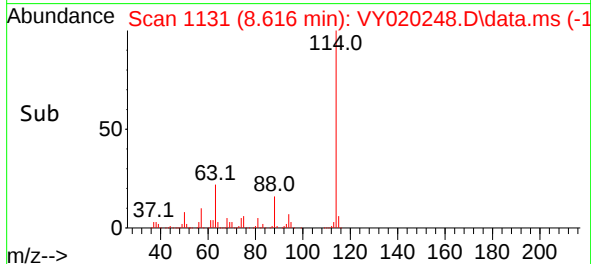
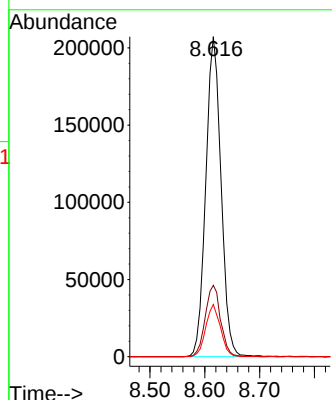


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :

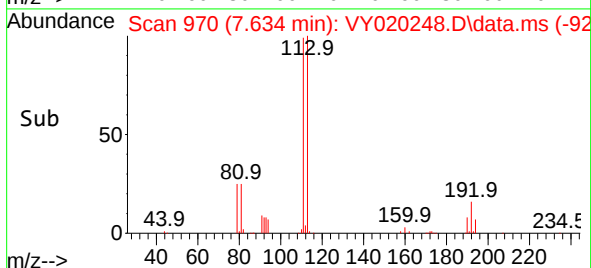
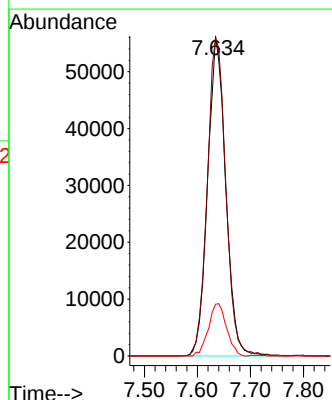
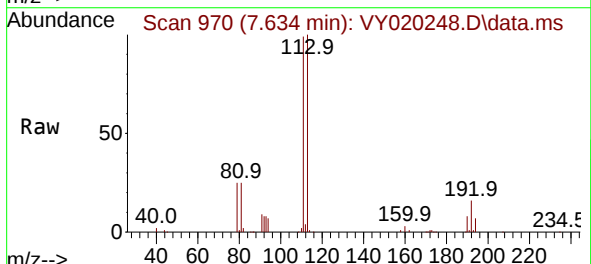


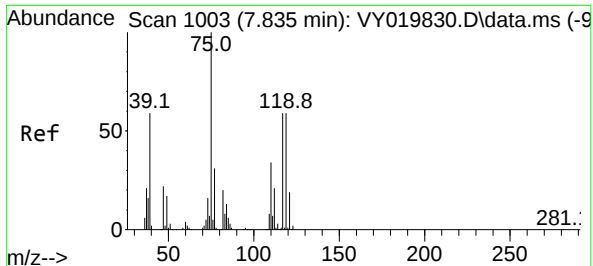
Tgt Ion:114 Resp: 399773
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.209 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion:113 Resp: 132702
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.717 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY020248.D

Acq: 11 Nov 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

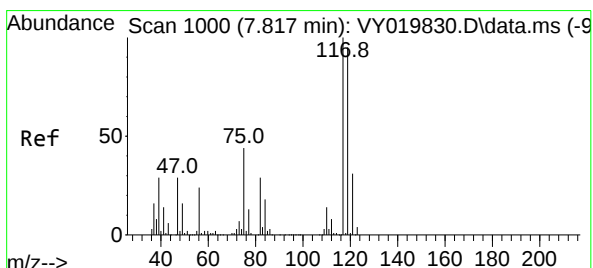
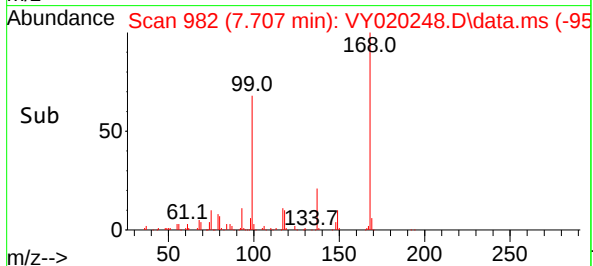
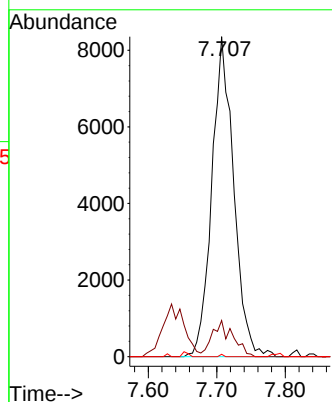
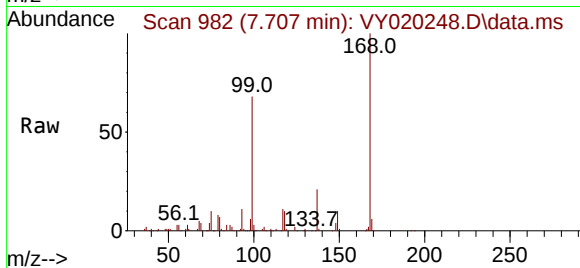
Tgt Ion: 75 Resp: 18520

Ion Ratio Lower Upper

75 100

110 10.5 19.0 57.0#

77 0.1 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.519 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020248.D

Acq: 11 Nov 2024 15:12

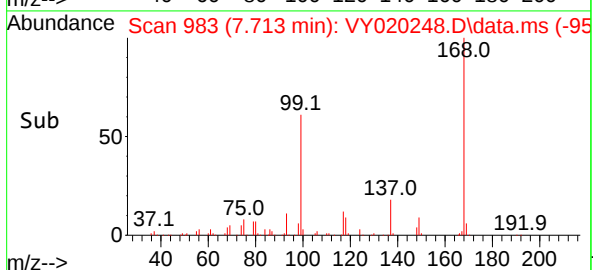
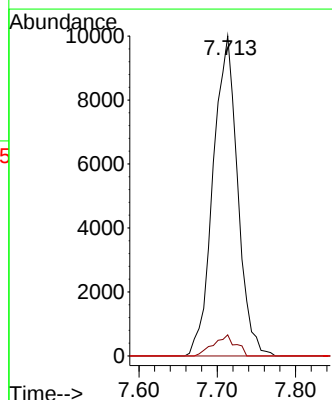
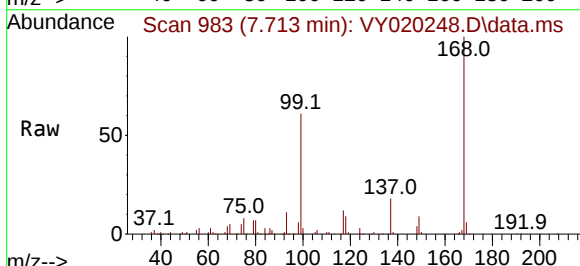
Tgt Ion: 117 Resp: 21789

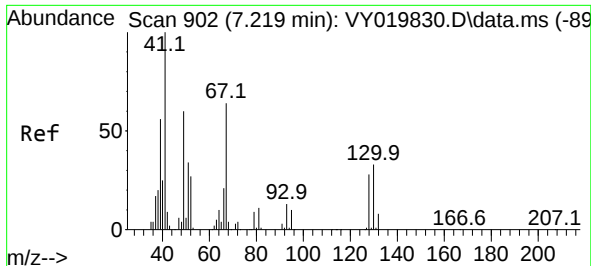
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.6#

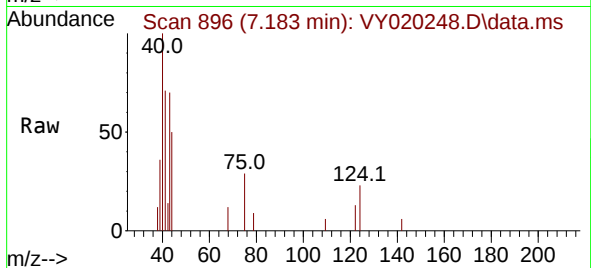
121 0.0 24.0 36.0#



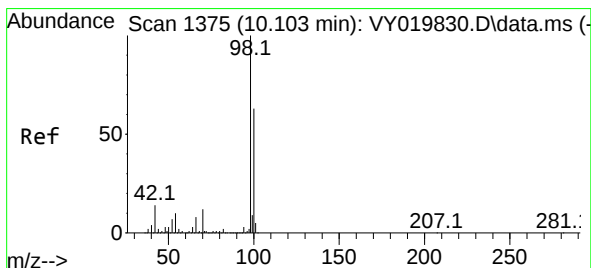
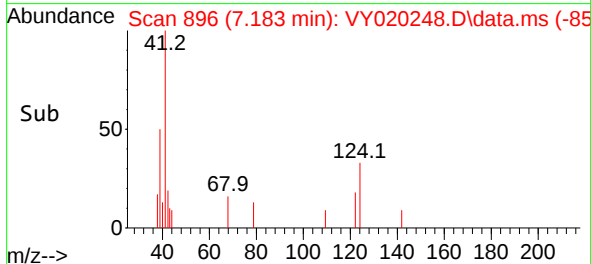
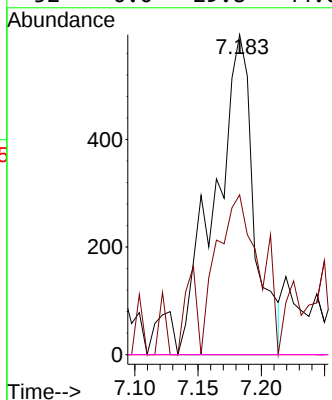


#41
Methacrylonitrile
Concen: 1.361 ug/l
RT: 7.183 min Scan# 896
Delta R.T. -0.036 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :

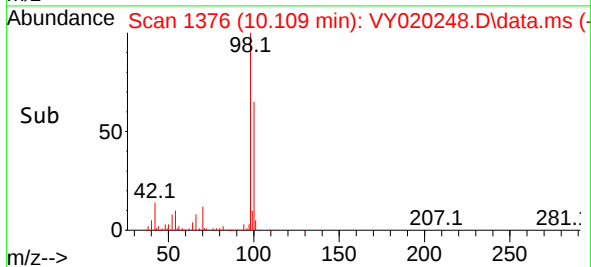
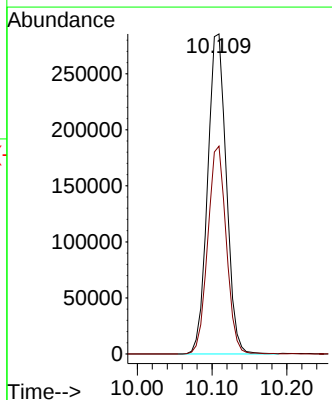
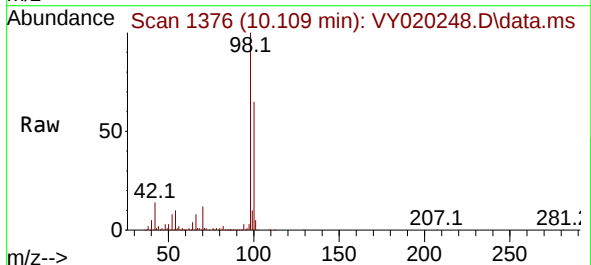


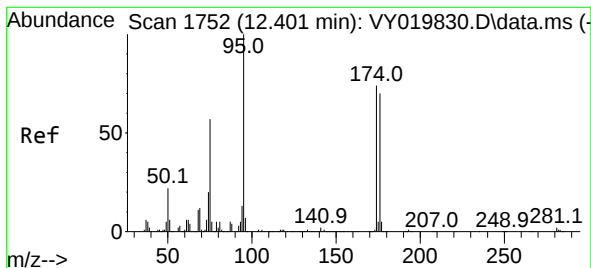
Tgt Ion: 41	Resp: 1276
Ion Ratio	Lower Upper
41	100
39	54.4 48.0 72.0
67	0.0 75.1 112.7#
52	0.0 29.8 44.6#



#50
Toluene-d8
Concen: 48.940 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion: 98	Resp: 495141
Ion Ratio	Lower Upper
98	100
100	64.3 52.0 78.0

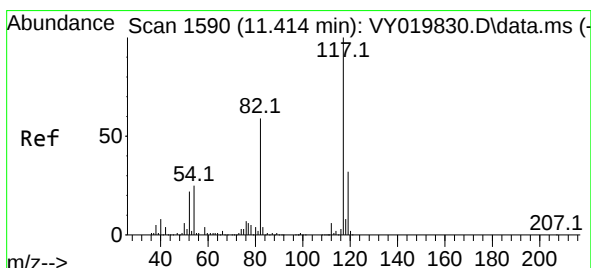
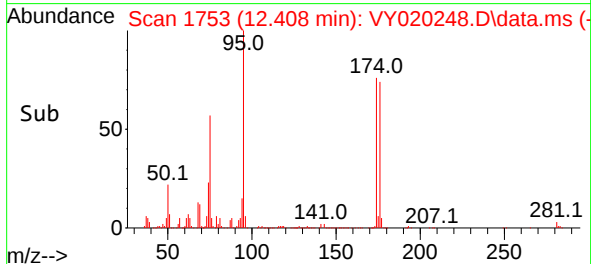
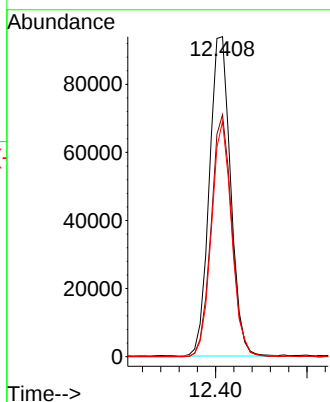
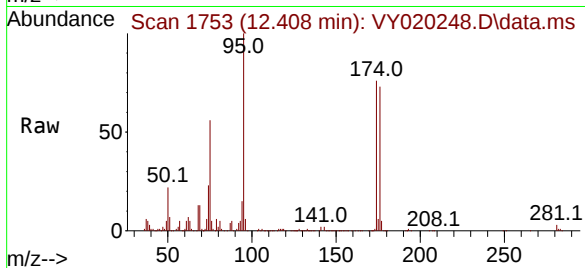




#62
4-Bromofluorobenzene
Concen: 46.024 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

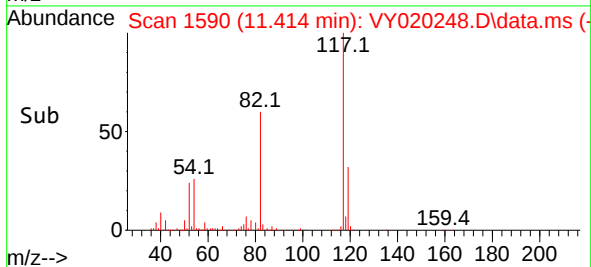
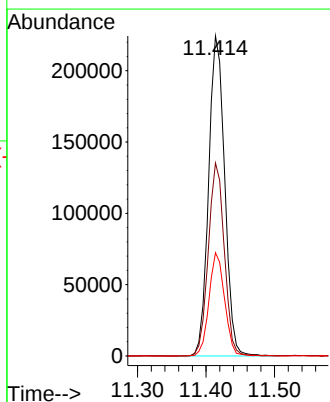
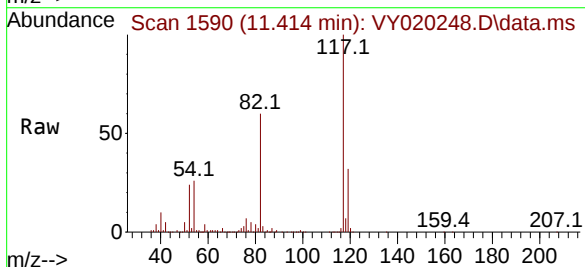
Instrument :
MSVOA_Y
ClientSampleId :

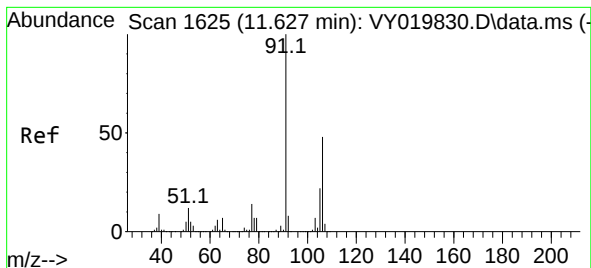
Tgt Ion: 95 Resp: 151247
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 69.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion: 117 Resp: 365761
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 32.3 25.9 38.9

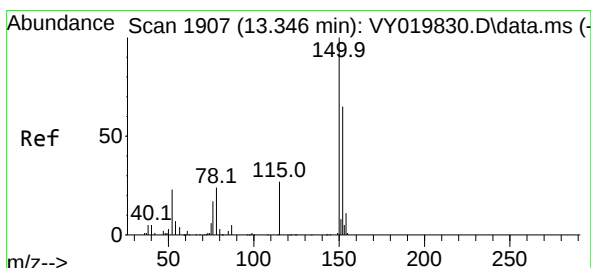
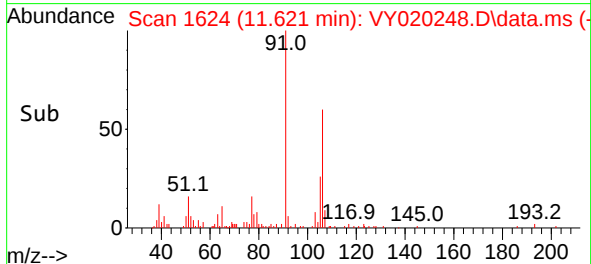
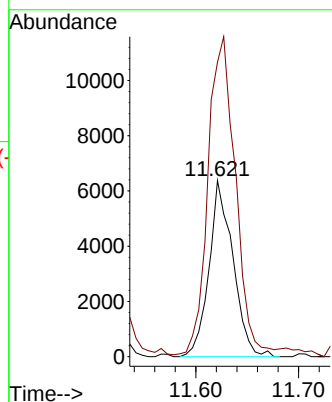
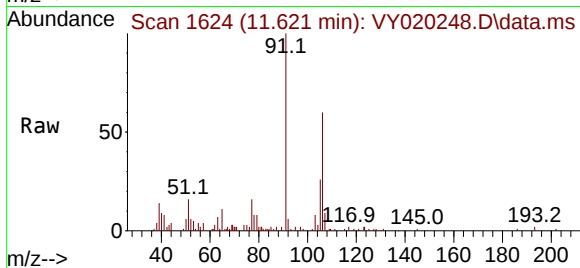




#68
m/p-Xylenes
Concen: 1.934 ug/l
RT: 11.621 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

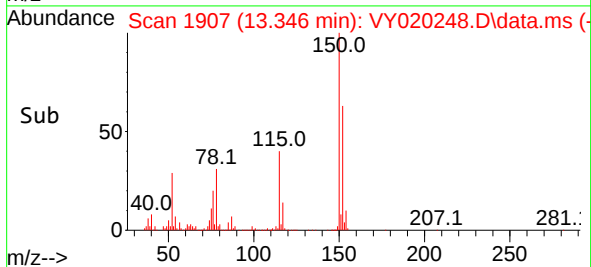
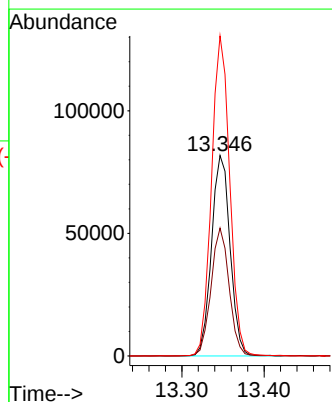
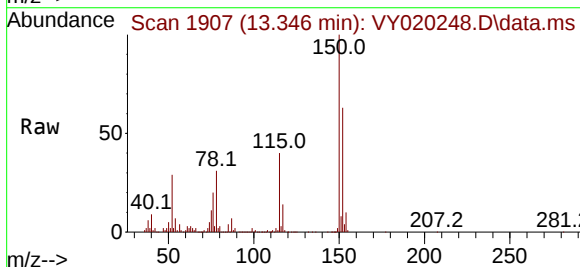
Instrument :
MSVOA_Y
ClientSampleId :

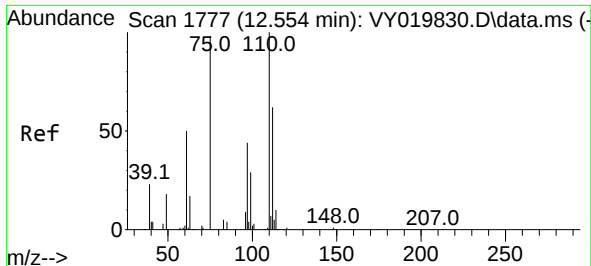
Tgt Ion:106 Resp: 10308
Ion Ratio Lower Upper
106 100
91 205.4 156.0 234.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion:152 Resp: 128461
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 156.0 0.0 345.6

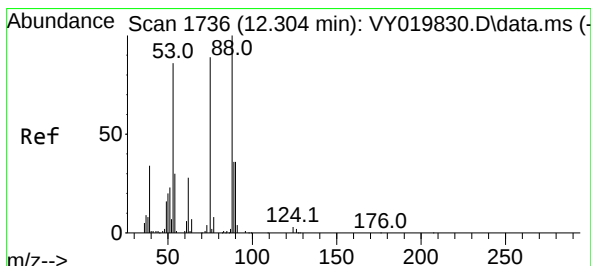
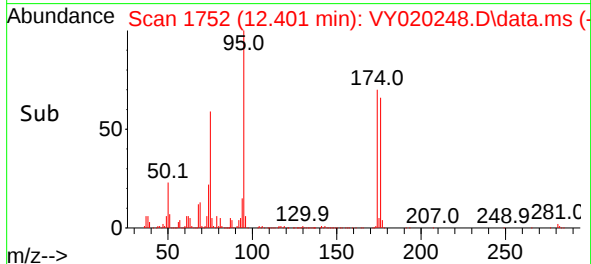
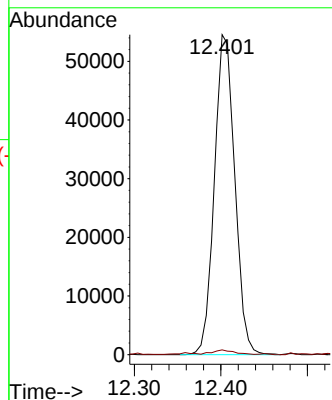
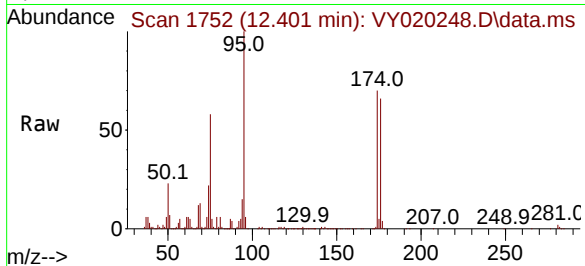




#76
1,2,3-Trichloropropane
Concen: 74.191 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 89340
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 159.583 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020248.D
Acq: 11 Nov 2024 15:12

Tgt Ion: 75 Resp: 89340
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

