

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020344.D
 Acq On : 19 Nov 2024 18:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 20 01:29:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 01:27:07 2024
 Response via : Initial Calibration

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

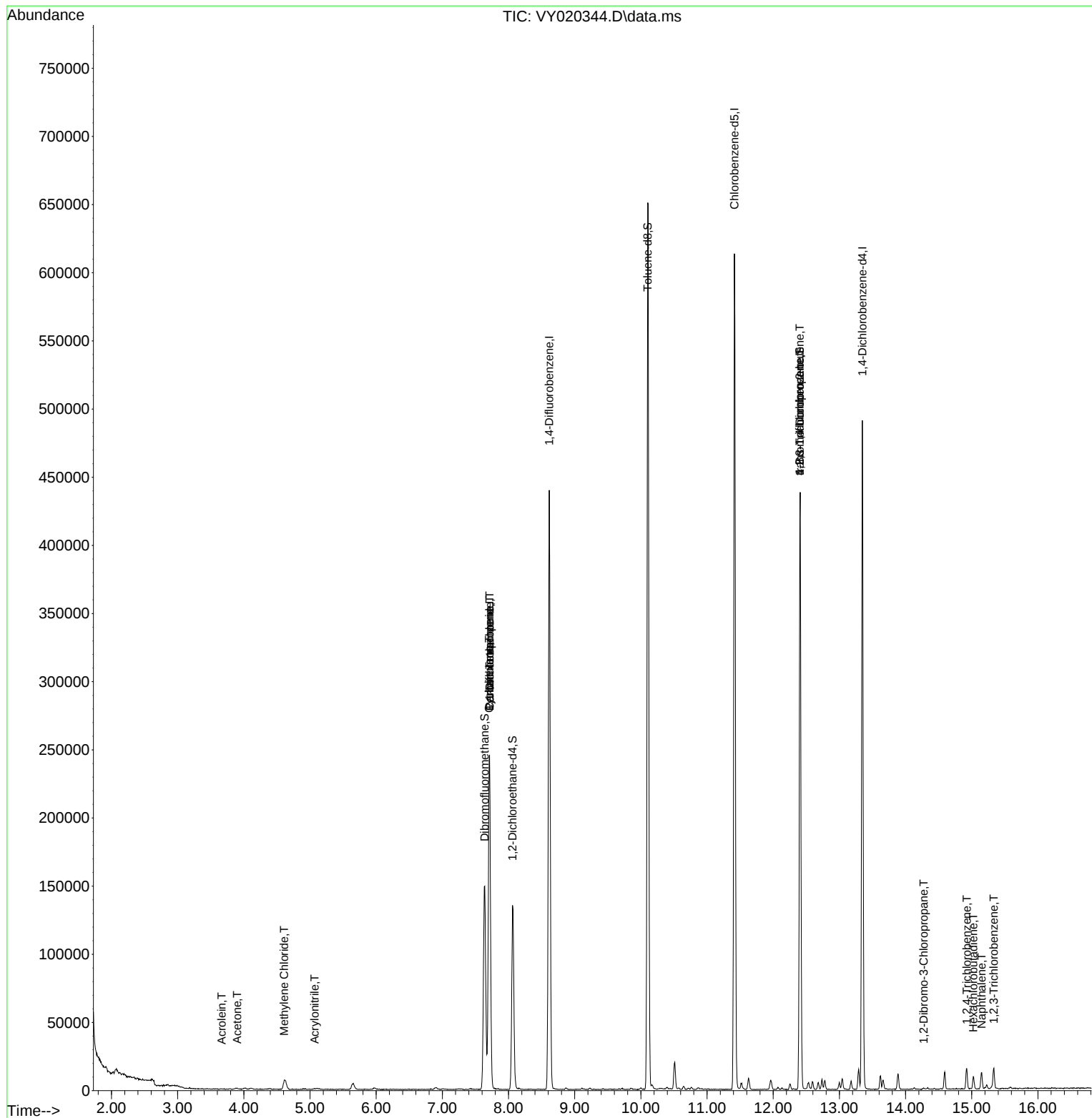
Internal Standards						
1) Pentafluorobenzene	7.713	168	183208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	347491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	313109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109937	52.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.460%	
35) Dibromofluoromethane	7.640	113	107006	48.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.040%	
50) Toluene-d8	10.103	98	423226	48.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.440%	
62) 4-Bromofluorobenzene	12.401	95	135987	48.194	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	674	Below Cal	#	80
13) Acrolein	3.665	56	244	1.872	ug/l #	43
15) Acrylonitrile	5.067	53	865	1.829	ug/l #	80
16) Acetone	3.897	43	1557	3.086	ug/l	94
20) Methylene Chloride	4.610	84	5223	2.444	ug/l	93
31) Cyclohexane	7.707	56	4386	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	15346	4.509	ug/l #	52
38) Carbon Tetrachloride	7.713	117	19641	5.527	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	75000	69.570	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	75000	136.319	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.273	75	269	1.047	ug/l	81
93) 1,2,4-Trichlorobenzene	14.925	180	4624	2.236	ug/l	99
94) Hexachlorobutadiene	15.023	225	1686	1.336	ug/l	95
95) Naphthalene	15.151	128	10016	2.813	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	4652	2.631	ug/l	99

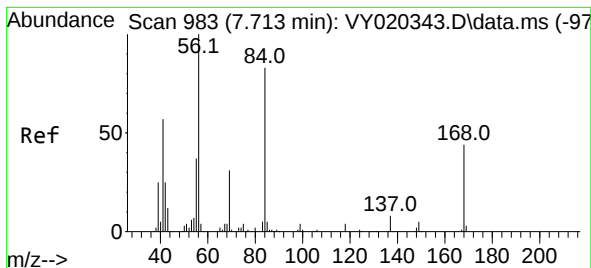
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 20 01:27:07 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

Instrument :

MSVOA_Y

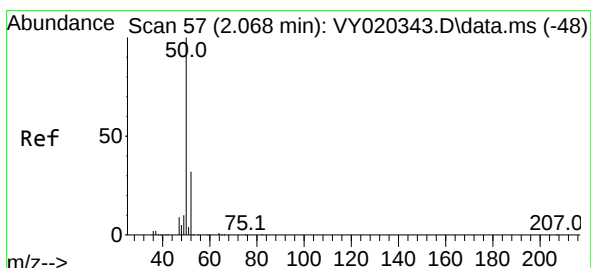
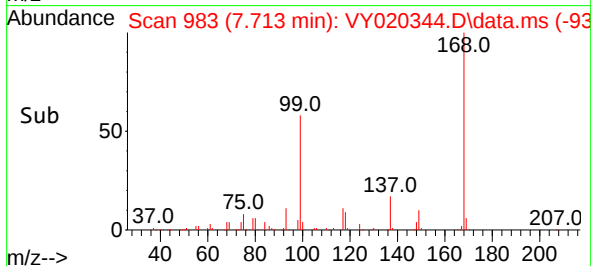
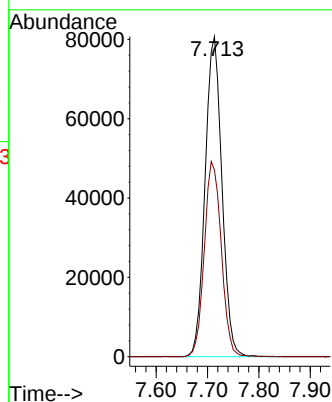
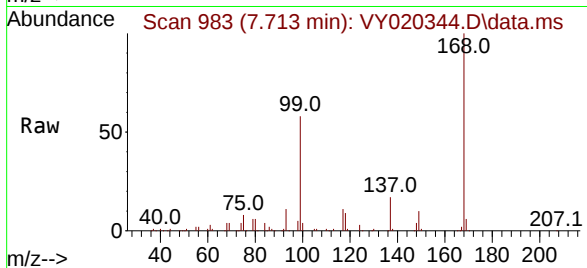
ClientSampleId :

Tgt Ion:168 Resp: 183208

Ion Ratio Lower Upper

168 100

99 58.3 46.6 69.8



#3

Chloromethane

Concen: Below Cal

RT: 2.068 min Scan# 57

Delta R.T. -0.000 min

Lab File: VY020344.D

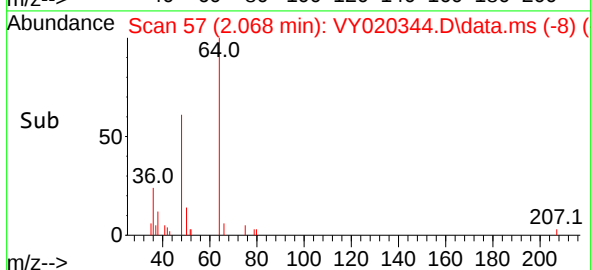
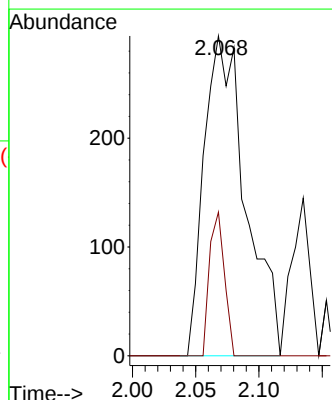
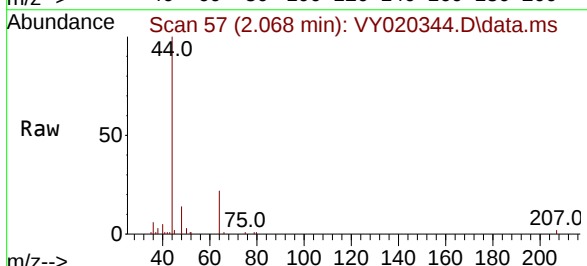
Acq: 19 Nov 2024 18:06

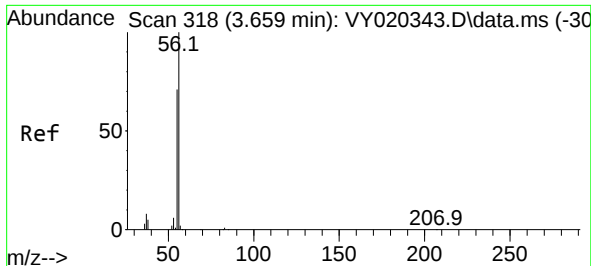
Tgt Ion: 50 Resp: 674

Ion Ratio Lower Upper

50 100

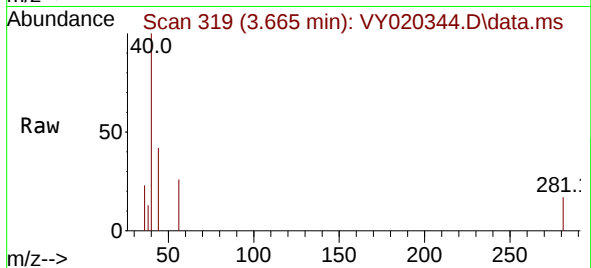
52 44.9 26.9 40.3#



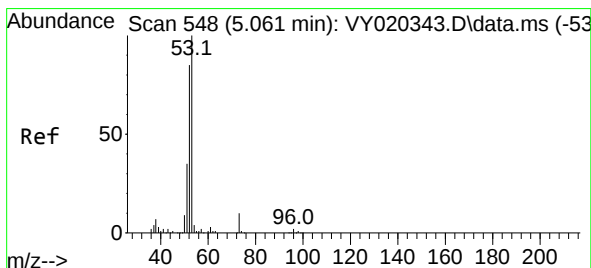
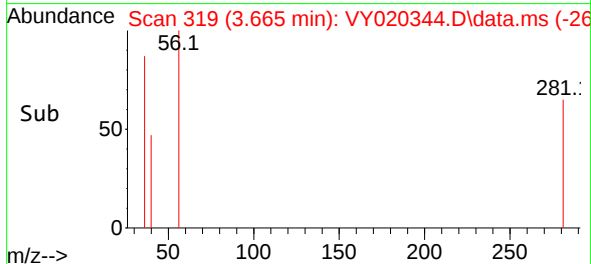
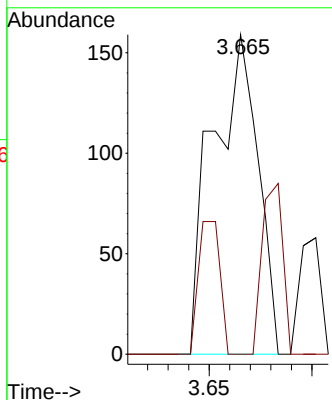


#13
Acrolein
Concen: 1.872 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

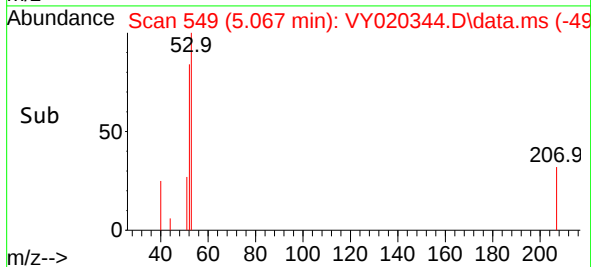
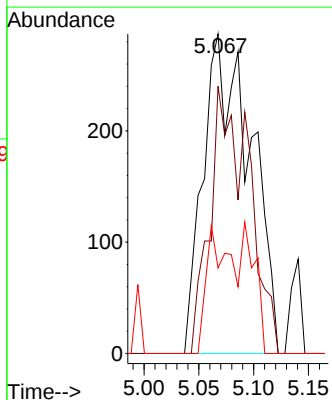
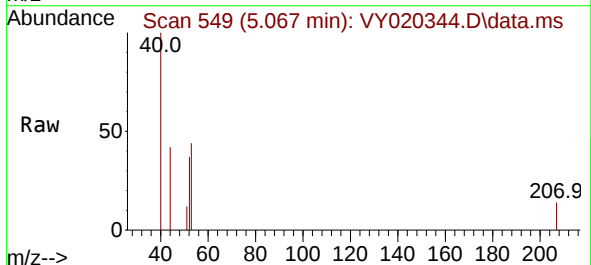


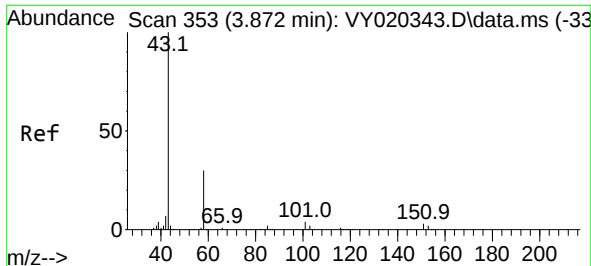
Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
55 24.2 57.7 86.5#



#15
Acrylonitrile
Concen: 1.829 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.006 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion: 53 Resp: 865
Ion Ratio Lower Upper
53 100
52 68.6 65.2 97.8
51 18.2 30.2 45.4#

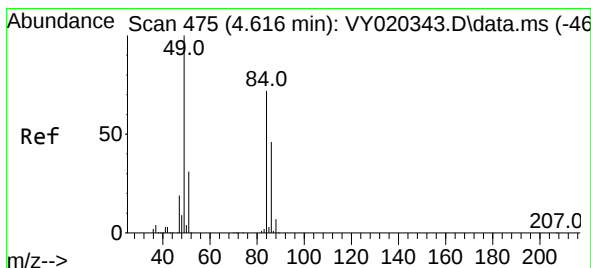
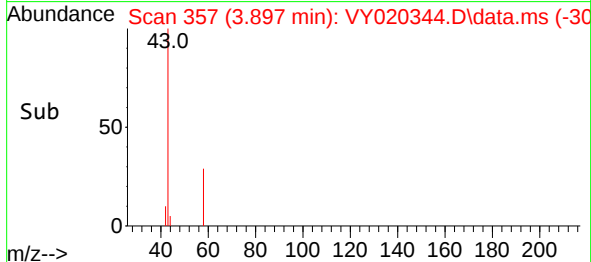
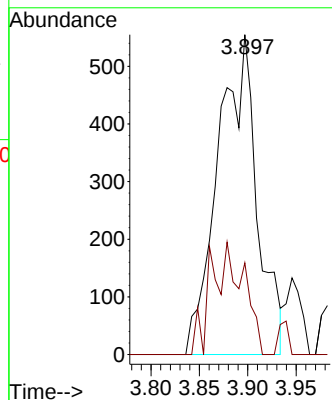
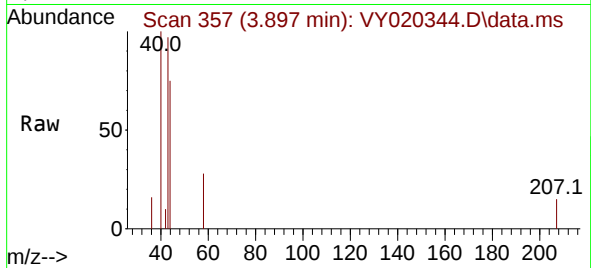




#16
Acetone
Concen: 3.086 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

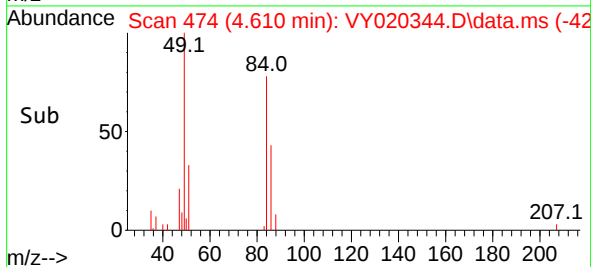
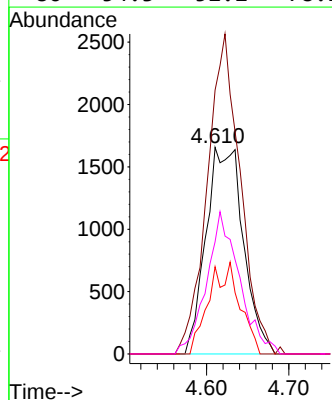
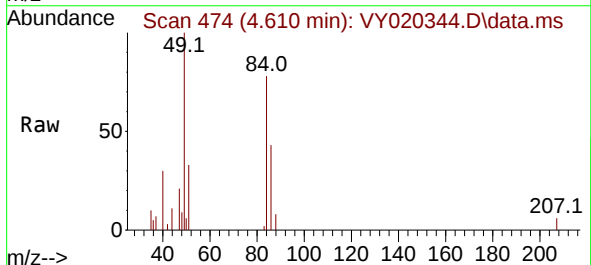
Instrument :
MSVOA_Y
ClientSampleId :

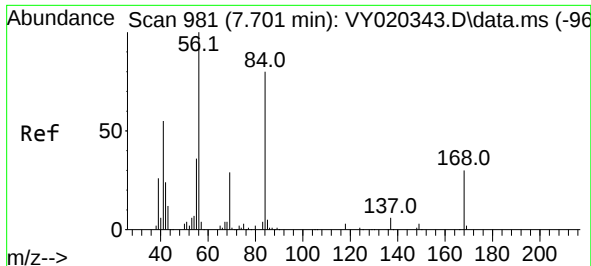
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 28.6 25.7 38.5



#20
Methylene Chloride
Concen: 2.444 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

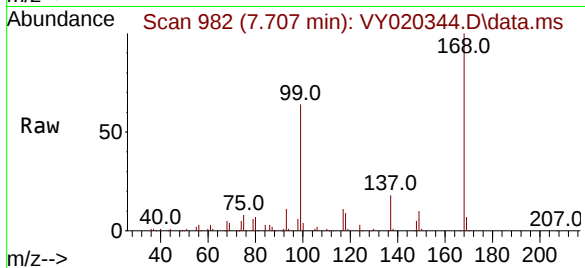
Tgt Ion: 84 Resp: 5223
Ion Ratio Lower Upper
84 100
49 124.3 104.7 157.1
51 42.2 33.4 50.0
86 54.3 52.2 78.2



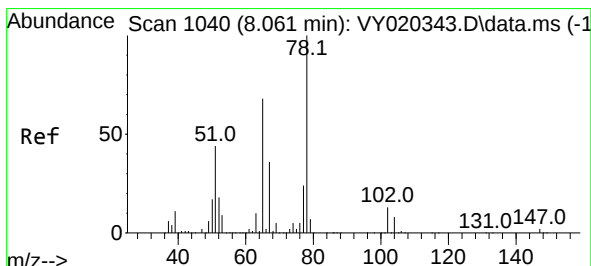
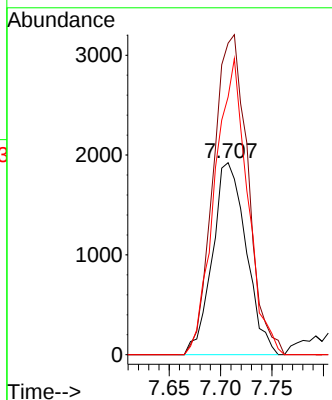
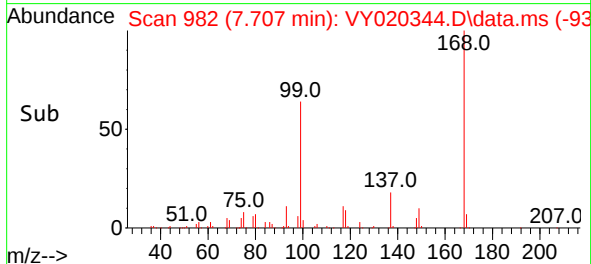


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

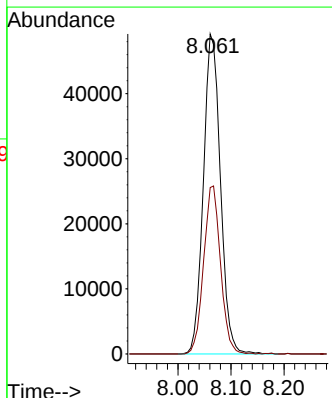
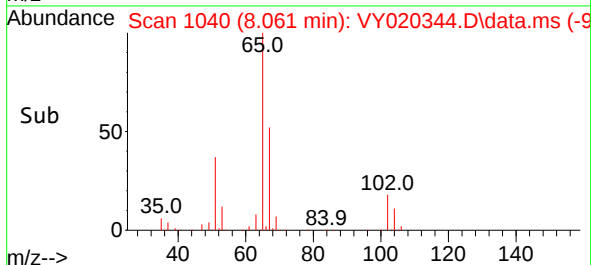
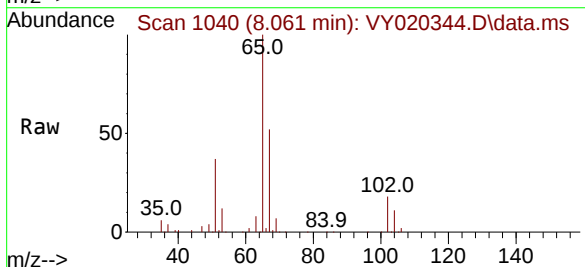


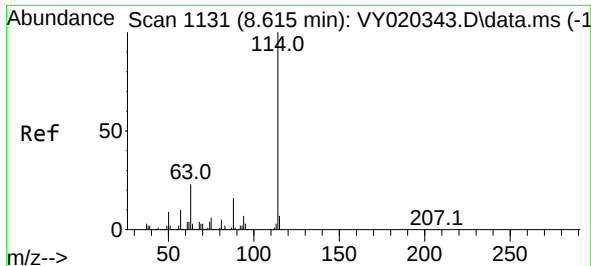
Tgt Ion: 56 Resp: 4386
Ion Ratio Lower Upper
56 100
69 162.2 25.3 37.9#
84 134.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.230 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion: 65 Resp: 109937
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

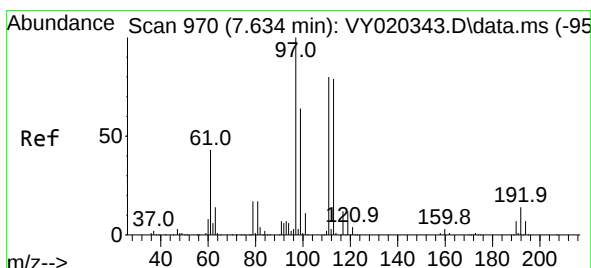
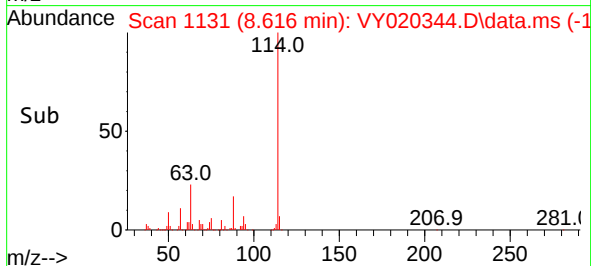
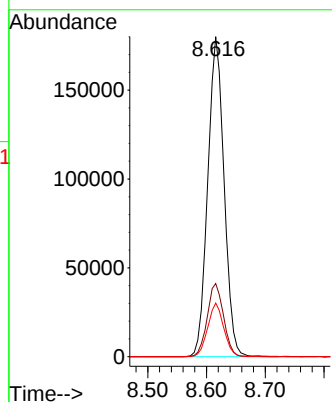
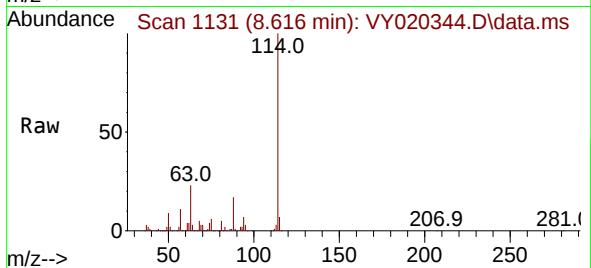
Tgt Ion:114 Resp: 347491

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.8

88 16.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.023 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

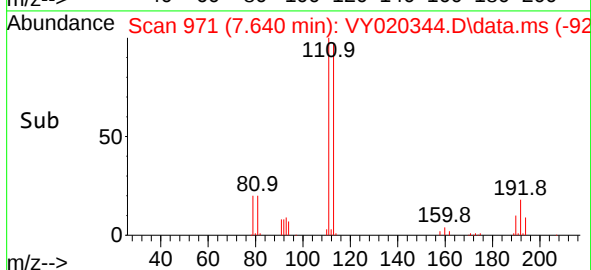
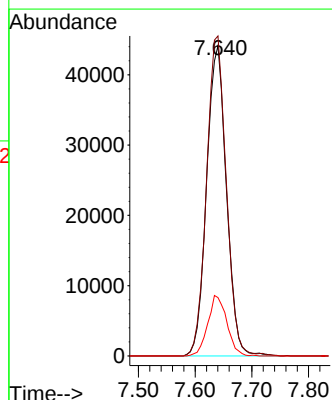
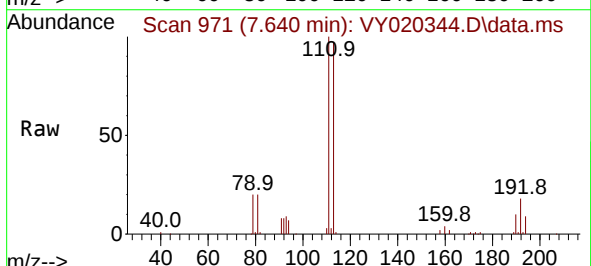
Tgt Ion:113 Resp: 107006

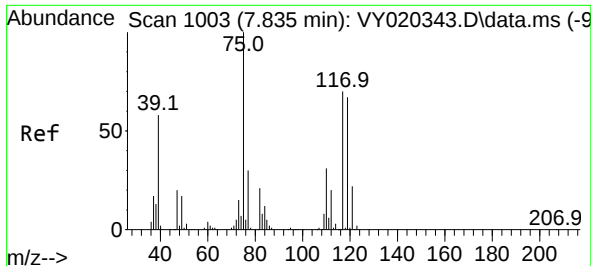
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

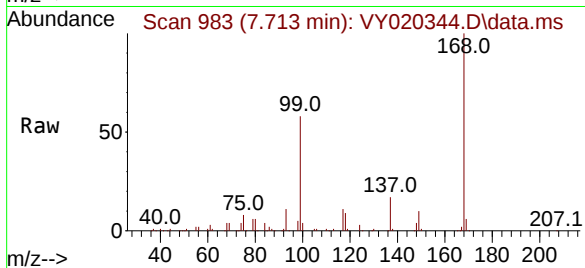
192 18.8 15.1 22.7



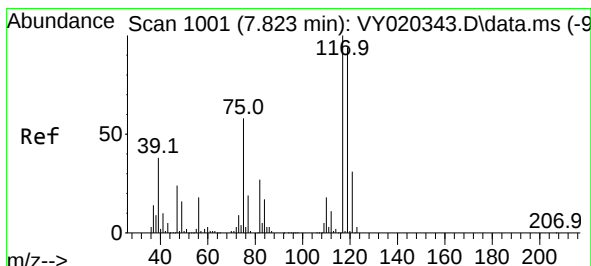
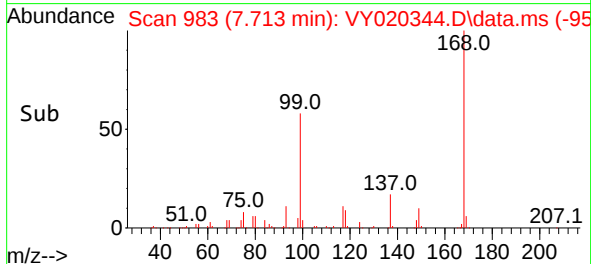
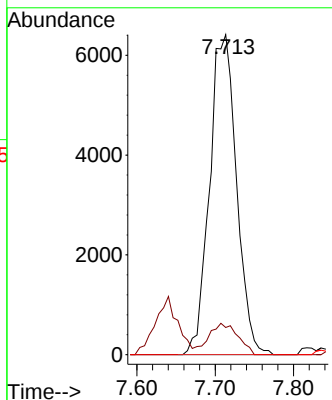


#36
1,1-Dichloropropene
Concen: 4.509 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Instrument :
MSVOA_Y
ClientSampleId :

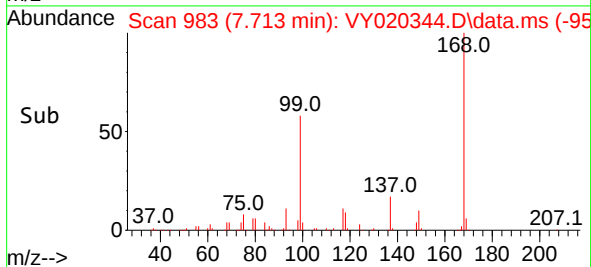
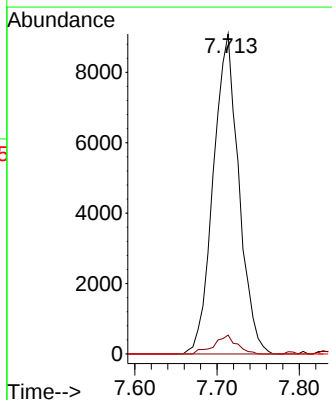
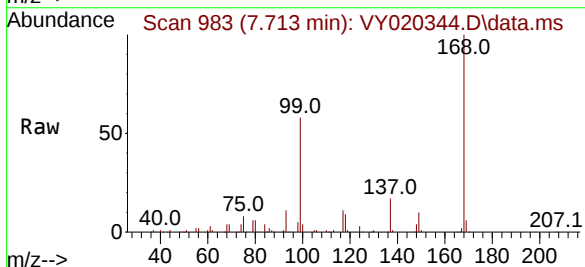


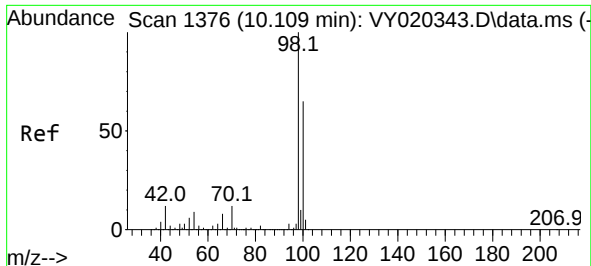
Tgt Ion: 75 Resp: 15346
Ion Ratio Lower Upper
75 100
110 10.3 16.7 50.0#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.110 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion: 117 Resp: 19641
Ion Ratio Lower Upper
117 100
119 5.9 77.8 116.6#
121 0.0 24.6 37.0#

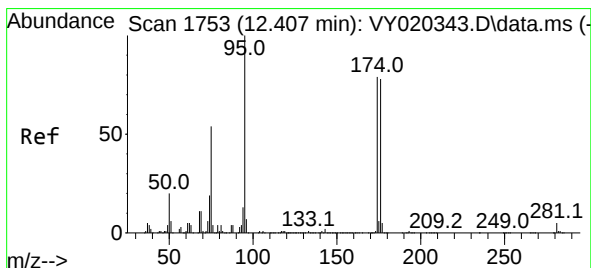
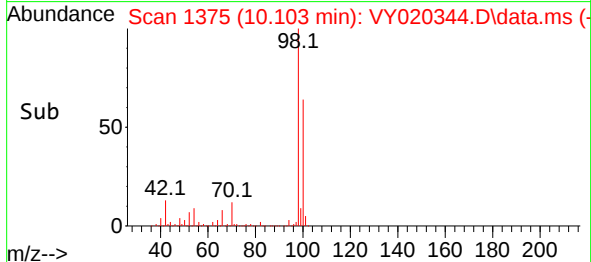
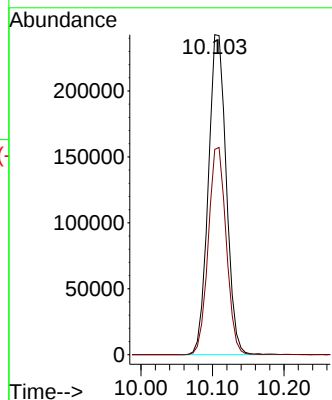
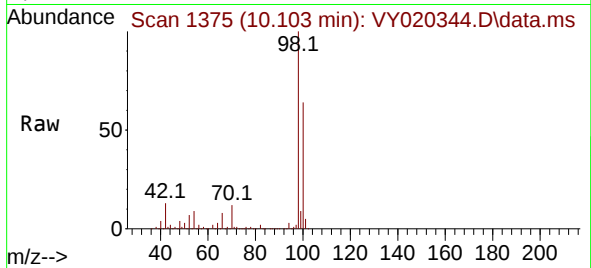




#50
Toluene-d8
Concen: 48.218 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

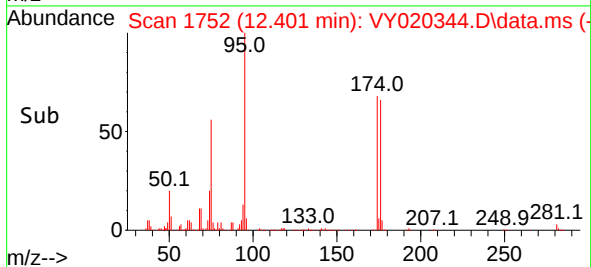
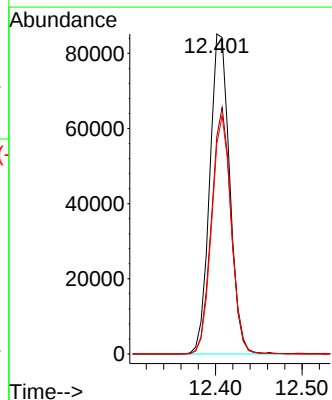
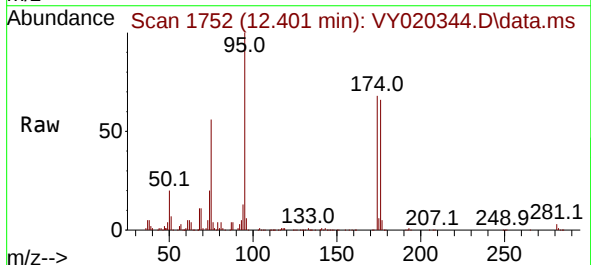
Instrument :
MSVOA_Y
ClientSampleId :

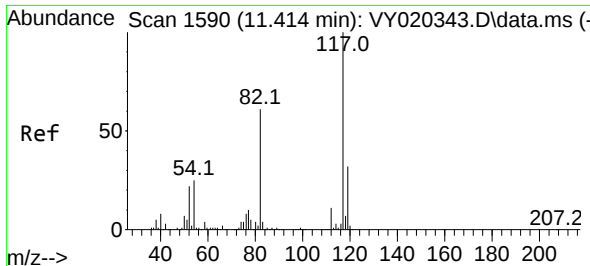
Tgt Ion: 98 Resp: 423226
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.194 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

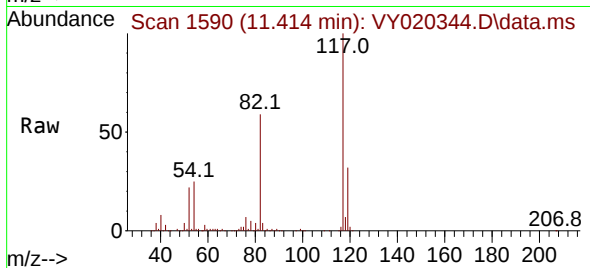
Tgt Ion: 95 Resp: 135987
Ion Ratio Lower Upper
95 100
174 75.9 0.0 156.8
176 73.1 0.0 152.0



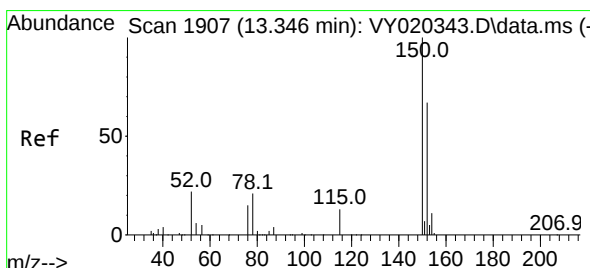
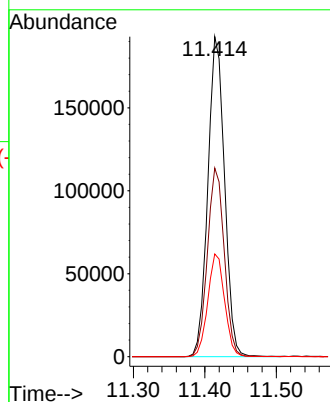
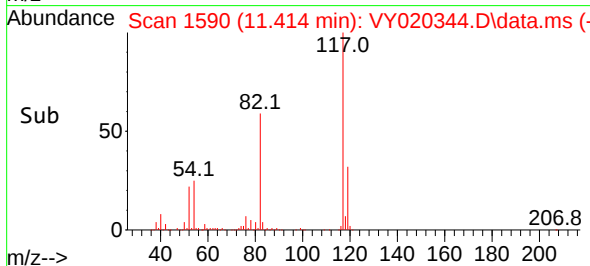


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

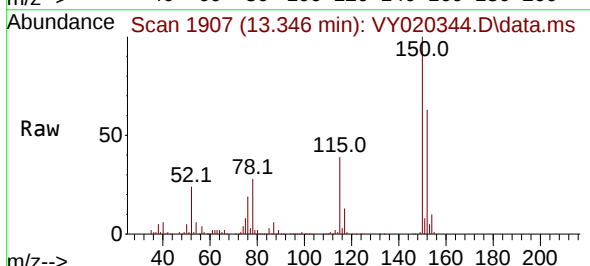
Instrument :
MSVOA_Y
ClientSampleId :



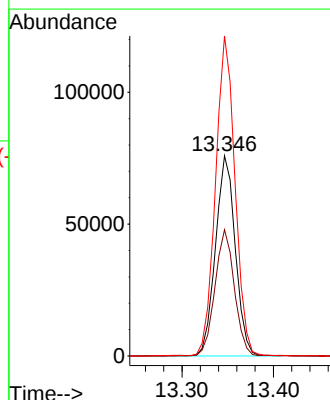
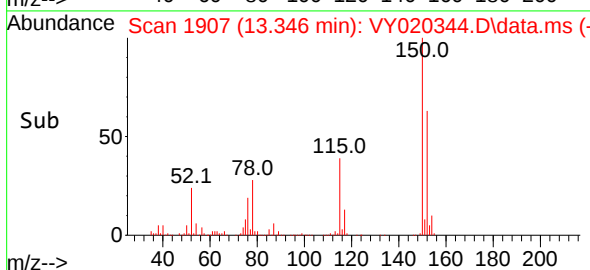
Tgt Ion:117 Resp: 313109
Ion Ratio Lower Upper
117 100
82 59.0 48.2 72.4
119 32.1 25.8 38.8

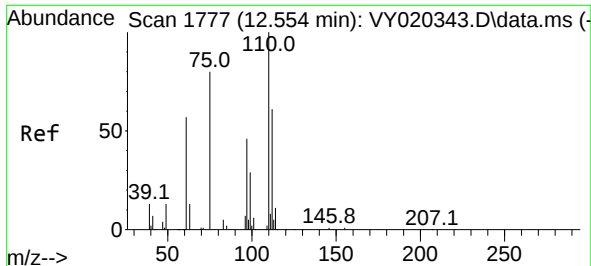


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06



Tgt Ion:152 Resp: 114379
Ion Ratio Lower Upper
152 100
115 61.8 30.0 90.0
150 156.8 0.0 348.2

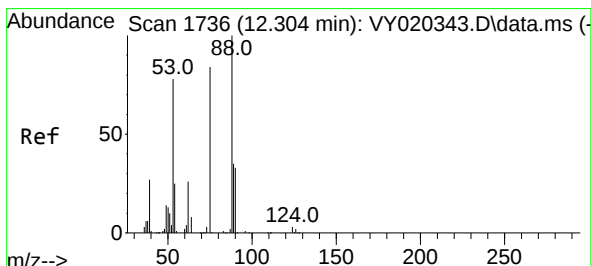
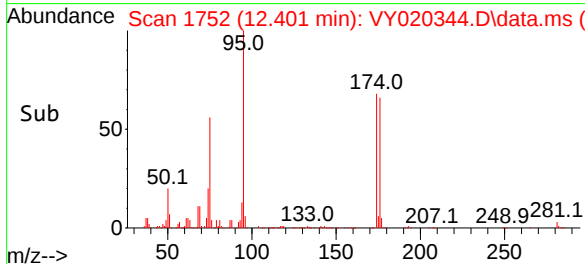
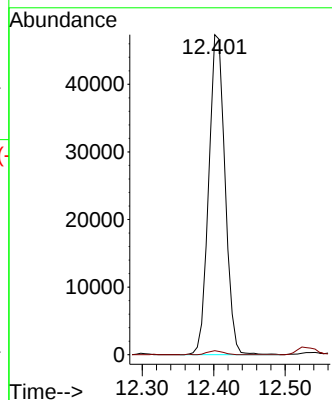
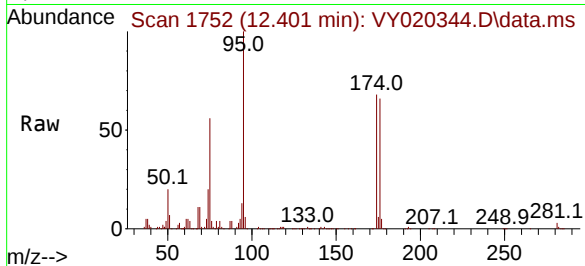




#76
1,2,3-Trichloropropane
Concen: 69.570 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.153 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

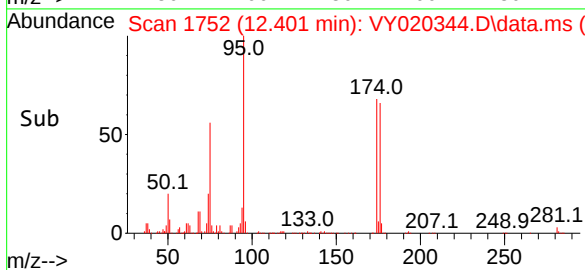
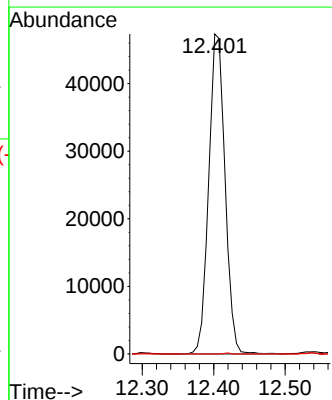
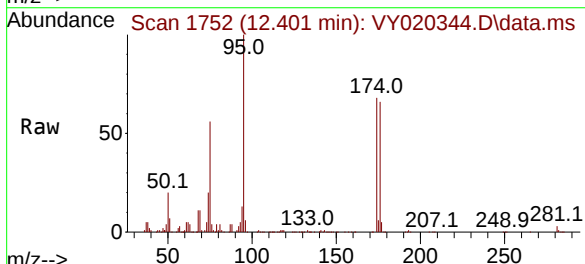
Instrument :
MSVOA_Y
ClientSampleId :

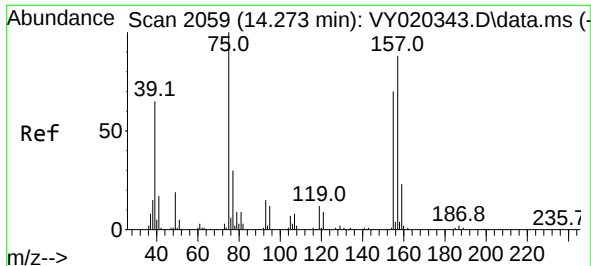
Tgt Ion: 75 Resp: 75000
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.319 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion: 75 Resp: 75000
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

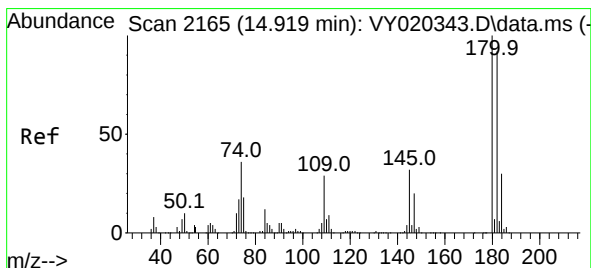
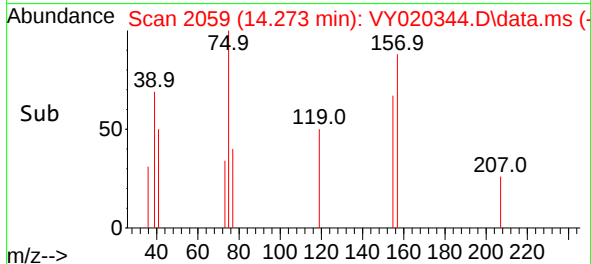
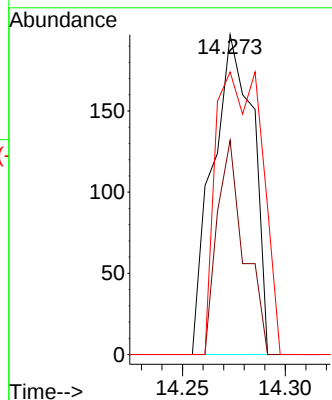
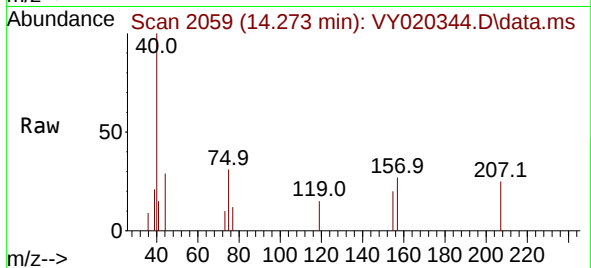




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.047 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

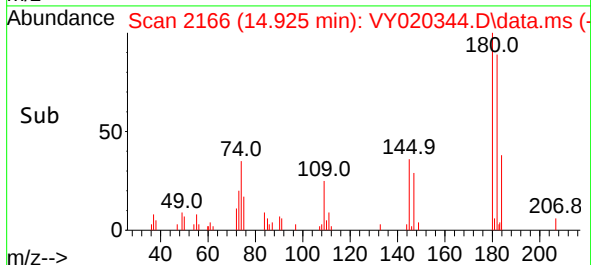
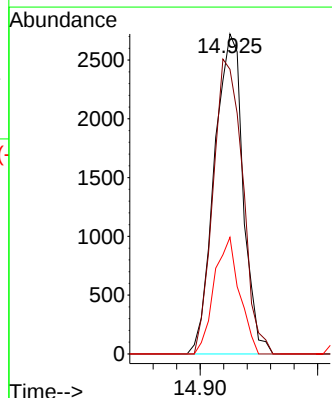
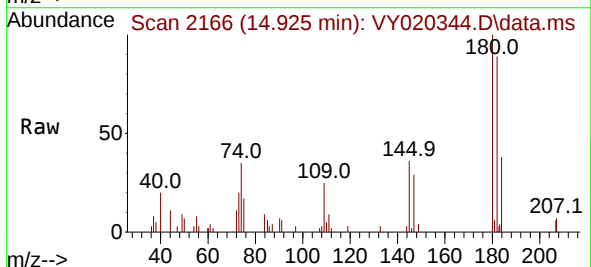
Instrument :
MSVOA_Y
ClientSampleId :

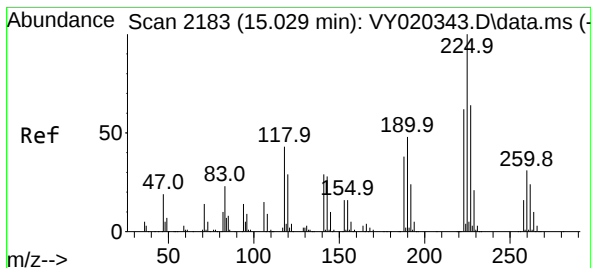
Tgt Ion: 75 Resp: 269
Ion Ratio Lower Upper
75 100
155 45.0 39.7 119.1
157 101.1 52.6 157.8



#93
1,2,4-Trichlorobenzene
Concen: 2.236 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY020344.D
Acq: 19 Nov 2024 18:06

Tgt Ion: 180 Resp: 4624
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.8
145 32.1 15.8 47.3





#94

Hexachlorobutadiene

Concen: 1.336 ug/l

RT: 15.023 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :

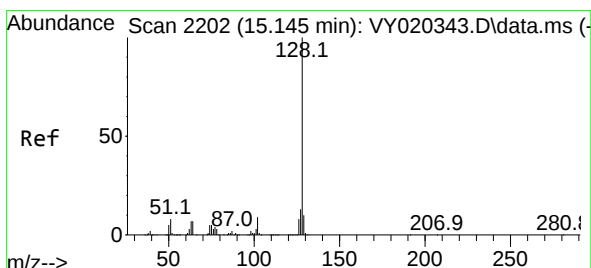
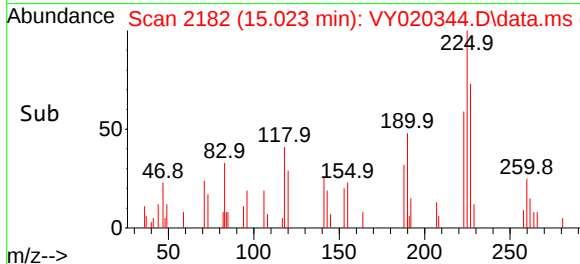
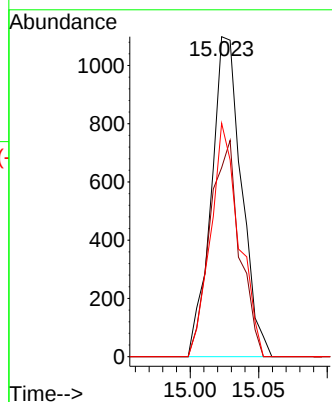
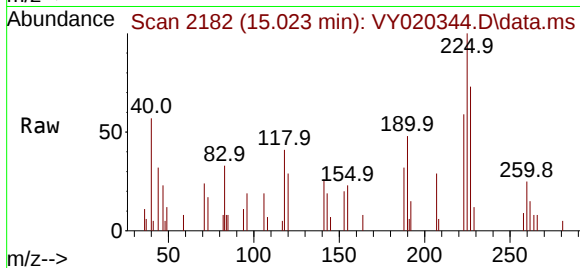
Tgt Ion:225 Resp: 1686

Ion Ratio Lower Upper

225 100

223 66.8 31.9 95.5

227 68.9 32.3 96.8



#95

Naphthalene

Concen: 2.813 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

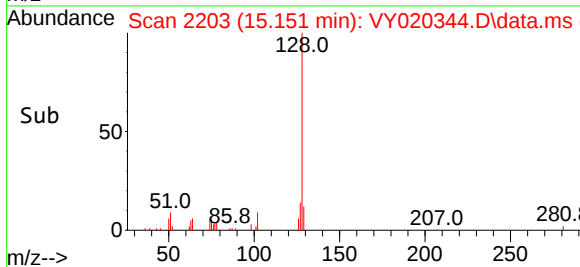
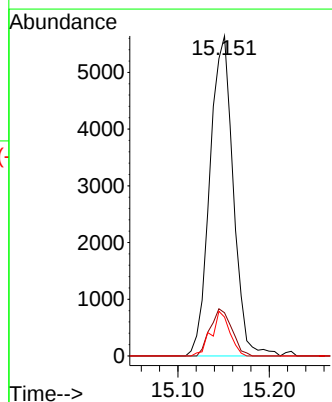
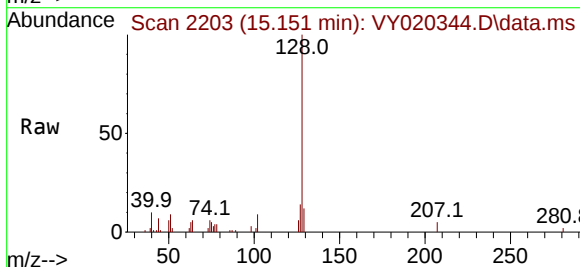
Tgt Ion:128 Resp: 10016

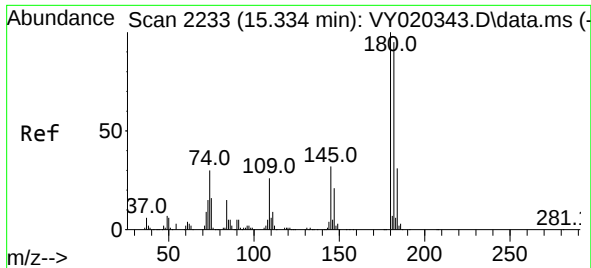
Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.0 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.631 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

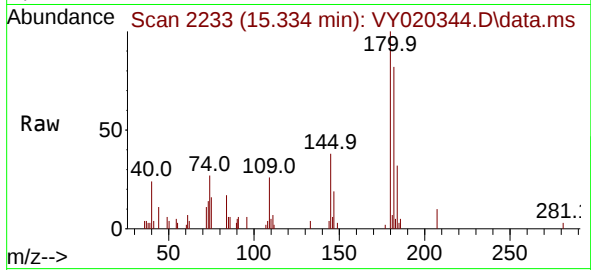
Lab File: VY020344.D

Acq: 19 Nov 2024 18:06

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 4652

Ion Ratio Lower Upper

180 100

182 95.6 47.4 142.3

145 34.2 16.9 50.6

