

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020062.D
 Acq On : 29 Oct 2024 15:36
 Operator : SY/MD
 Sample : P4578-05
 Misc : 8.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:25:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

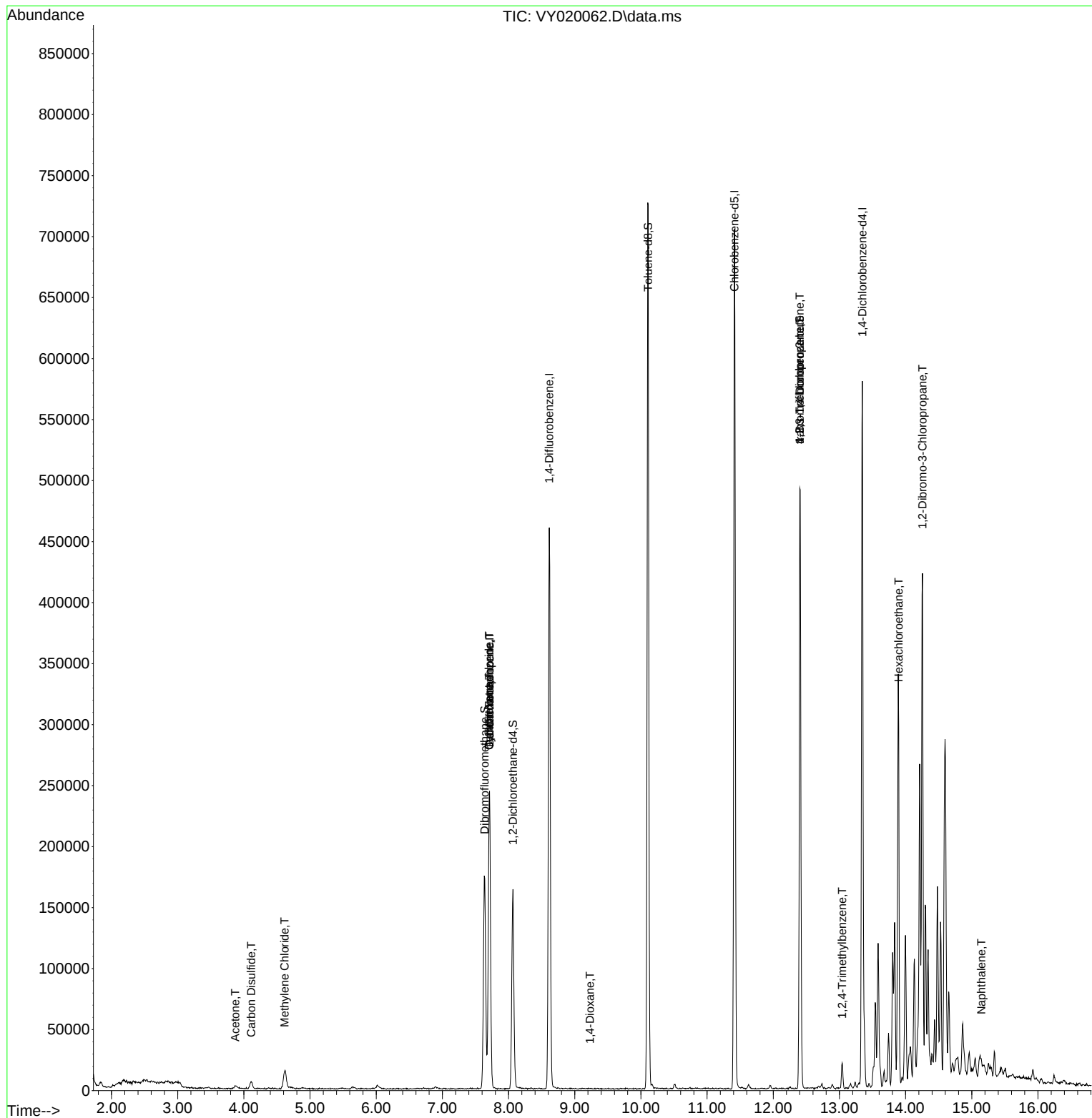
Internal Standards						
1) Pentafluorobenzene	7.713	168	171253	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	364648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	339109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	123360	58.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.000%
35) Dibromofluoromethane	7.640	113	119069	49.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.109	98	453335	51.017	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.401	95	140581	43.784	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	134	Below Cal	#	71
16) Acetone	3.872	43	4266	7.772	ug/l	96
17) Carbon Disulfide	4.110	76	11166	2.267	ug/l	96
20) Methylene Chloride	4.616	84	10689	4.537	ug/l	# 87
31) Cyclohexane	7.707	56	5517	1.566	ug/l	# 33
36) 1,1-Dichloropropene	7.713	75	16270	4.693	ug/l	# 50
38) Carbon Tetrachloride	7.707	117	19083	5.135	ug/l	# 18
49) 1,4-Dioxane	9.231	88	50	3.114	ug/l	# 1
76) 1,2,3-Trichloropropane	12.401	75	82741	33.142	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	82741	133.775	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.041	105	10287	1.199	ug/l	96
90) Hexachloroethane	13.895	117	13114	7.158	ug/l	# 12
92) 1,2-Dibromo-3-Chloropr...	14.254	75	1994	6.560	ug/l	# 1
95) Naphthalene	15.144	128	9005	2.110	ug/l	# 92

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

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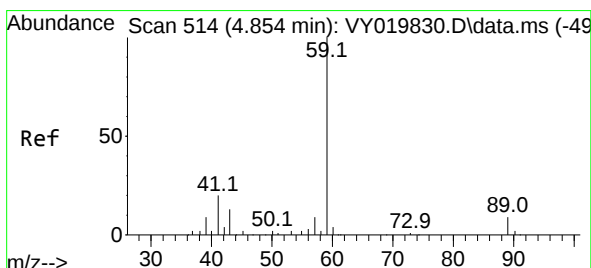
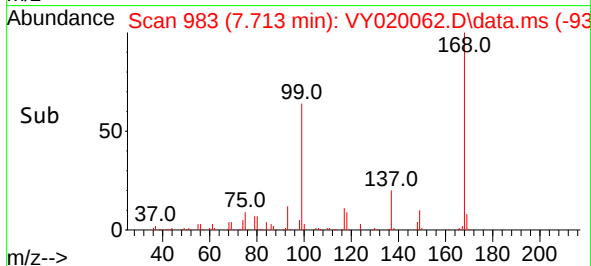
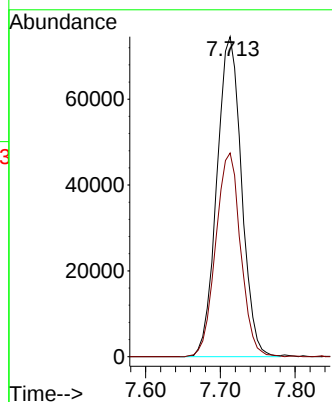
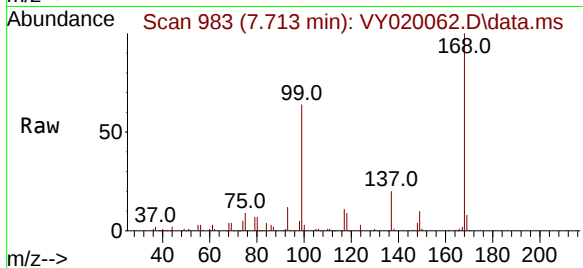




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

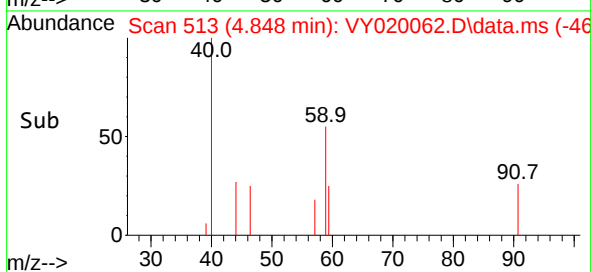
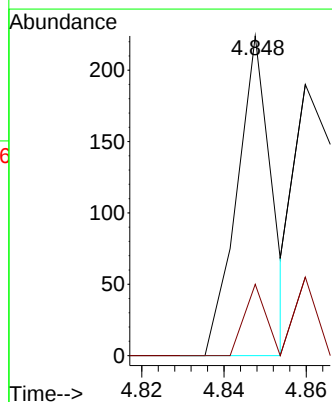
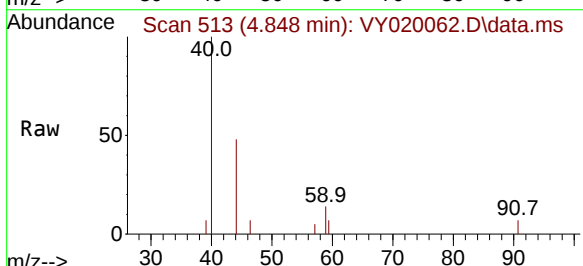
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 171253
Ion Ratio Lower Upper
168 100
99 63.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 13.4 3.0 4.6#





#16

Acetone

Concen: 7.772 ug/l

RT: 3.872 min Scan# 3

Delta R.T. -0.000 min

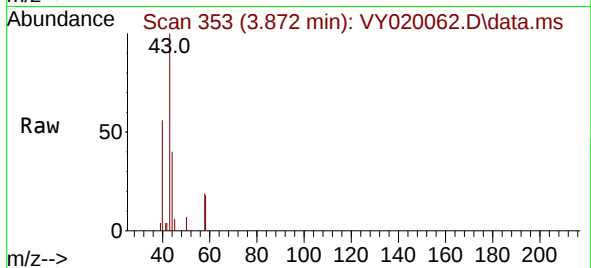
Lab File: VY020062.D

Acq: 29 Oct 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

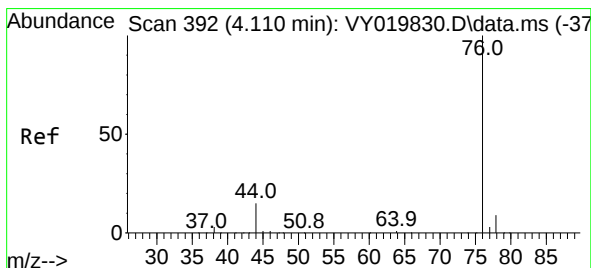
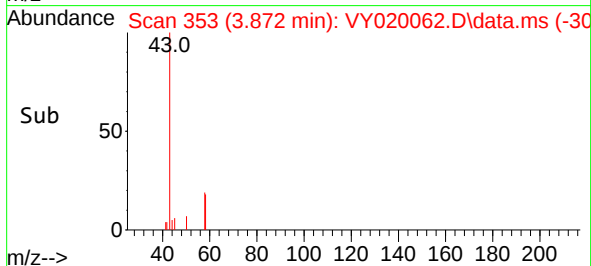
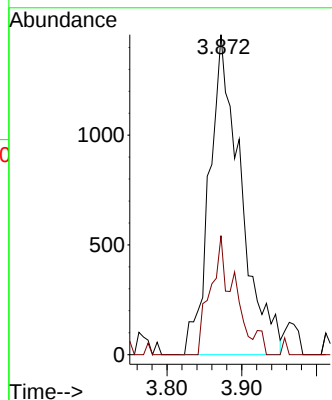


Tgt Ion: 43 Resp: 4266

Ion Ratio Lower Upper

43 100

58 37.2 31.7 47.5



#17

Carbon Disulfide

Concen: 2.267 ug/l

RT: 4.110 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY020062.D

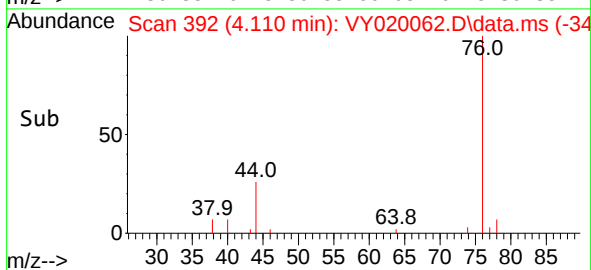
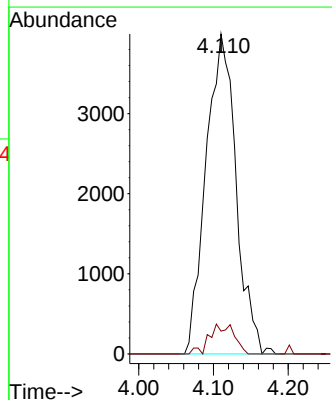
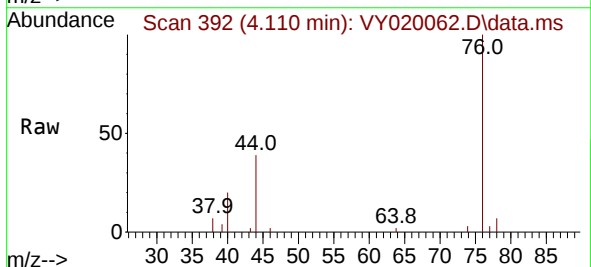
Acq: 29 Oct 2024 15:36

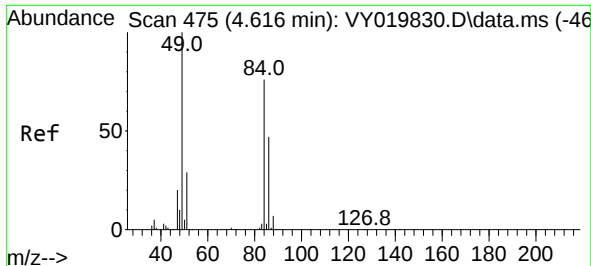
Tgt Ion: 76 Resp: 11166

Ion Ratio Lower Upper

76 100

78 7.2 6.8 10.2

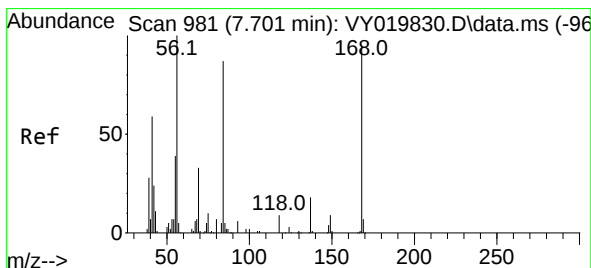
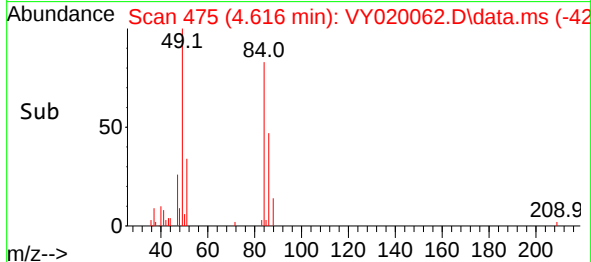
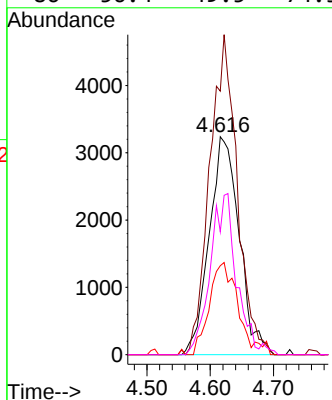
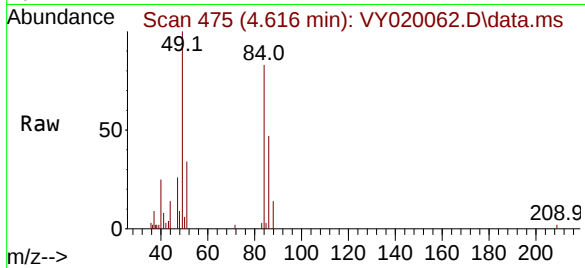




#20
Methylene Chloride
Concen: 4.537 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

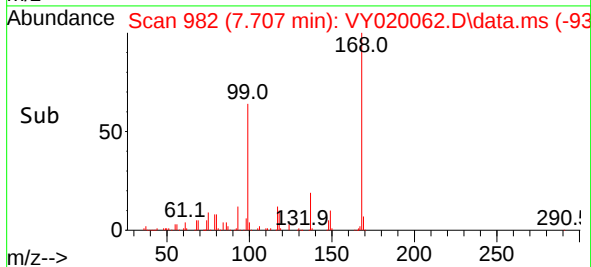
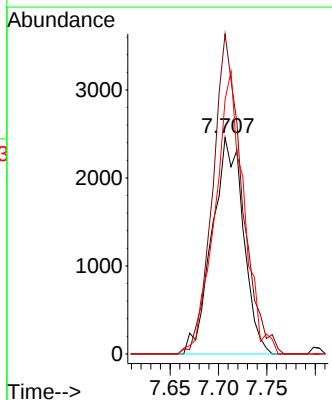
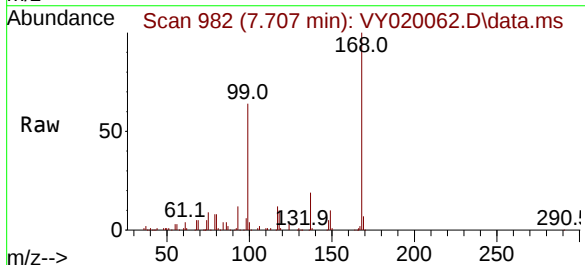
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	84	Resp:	10689
Ion	Ratio	Lower	Upper
84	100		
49	120.9	84.4	126.6
51	40.8	26.0	39.0#
86	56.4	49.5	74.3



#31
Cyclohexane
Concen: 1.566 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

Tgt Ion:	56	Resp:	5517
Ion	Ratio	Lower	Upper
56	100		
69	147.9	28.7	43.1#
84	117.5	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 58.502 ug/l

RT: 8.066 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020062.D

Acq: 29 Oct 2024 15:36

Instrument :

MSVOA_Y

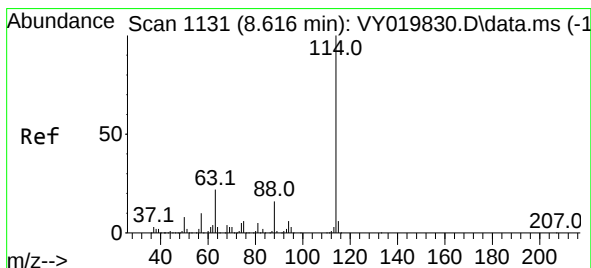
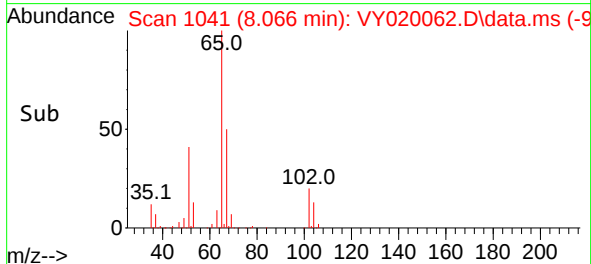
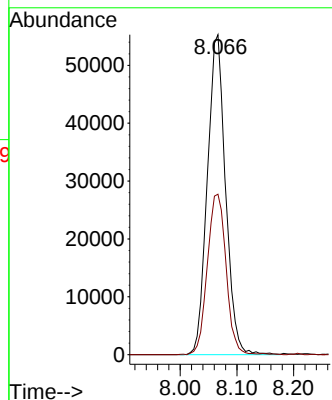
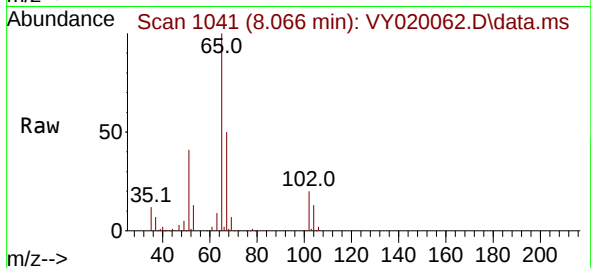
ClientSampleId :

Tgt Ion: 65 Resp: 123360

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020062.D

Acq: 29 Oct 2024 15:36

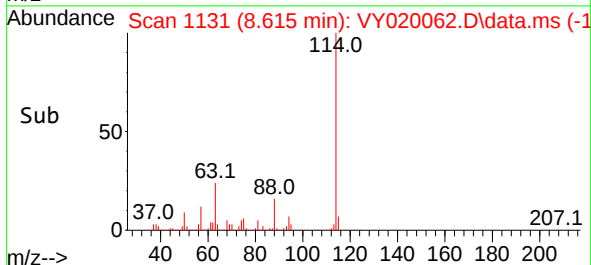
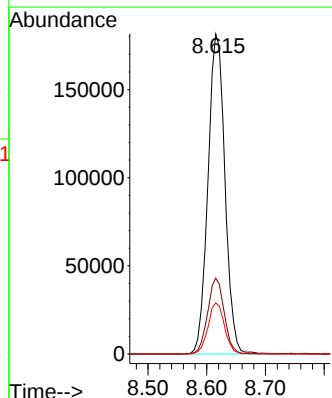
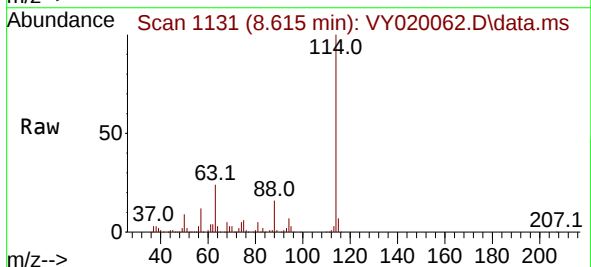
Tgt Ion:114 Resp: 364648

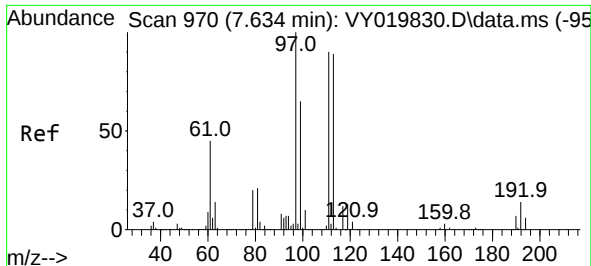
Ion Ratio Lower Upper

114 100

63 23.7 0.0 35.0

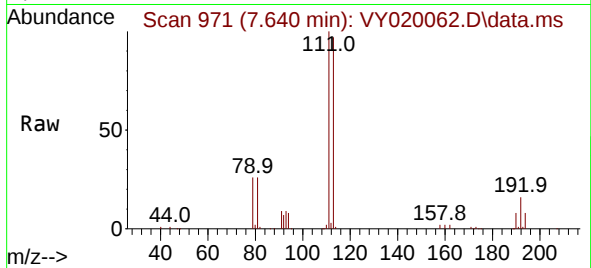
88 15.9 0.0 27.2



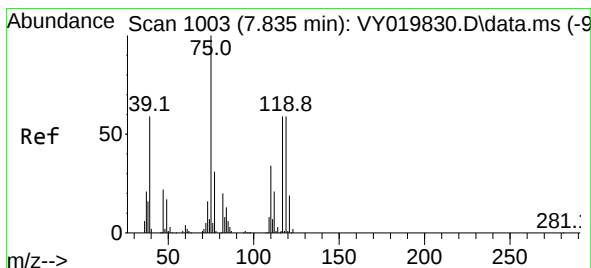
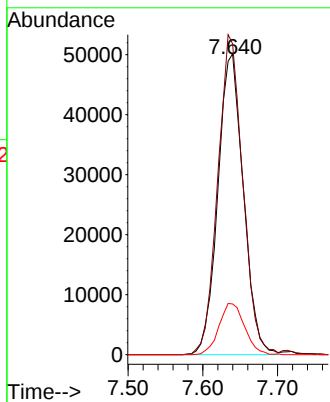
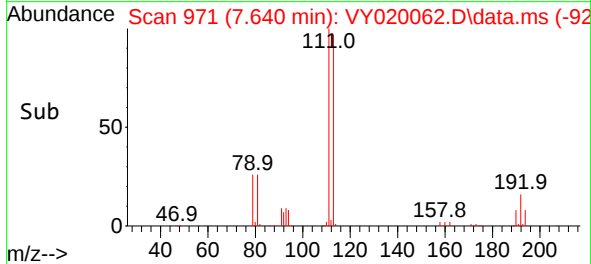


#35
Dibromofluoromethane
Concen: 49.483 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

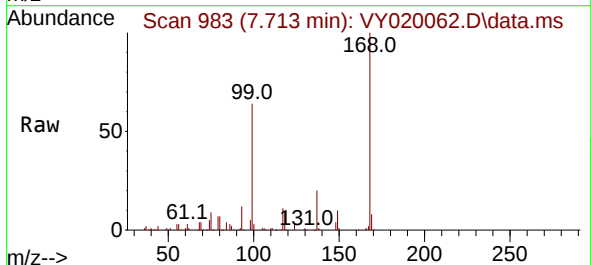
Instrument :
MSVOA_Y
ClientSampleId :



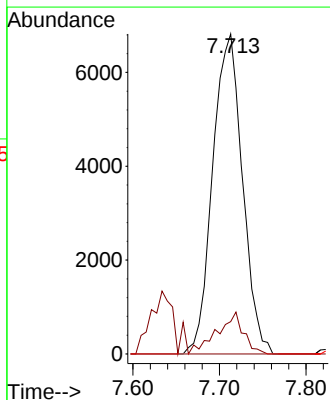
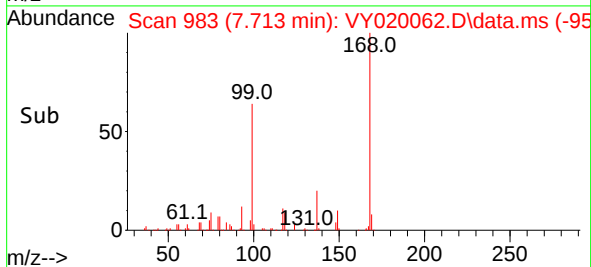
Tgt Ion:113 Resp: 119069
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 17.2 15.9 23.9

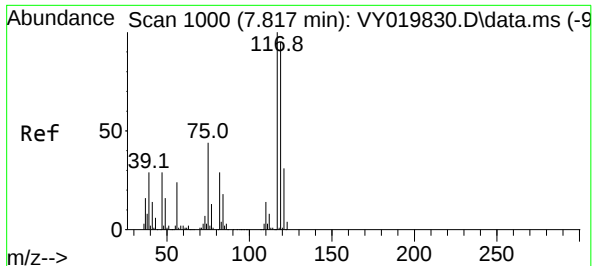


#36
1,1-Dichloropropene
Concen: 4.693 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36



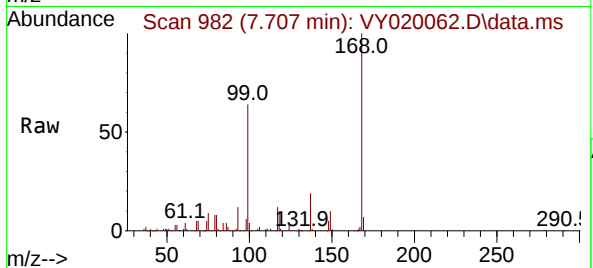
Tgt Ion: 75 Resp: 16270
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.0 25.3 37.9#



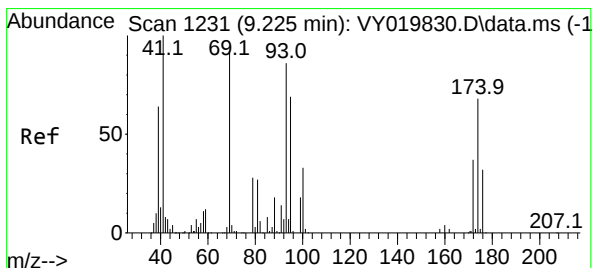
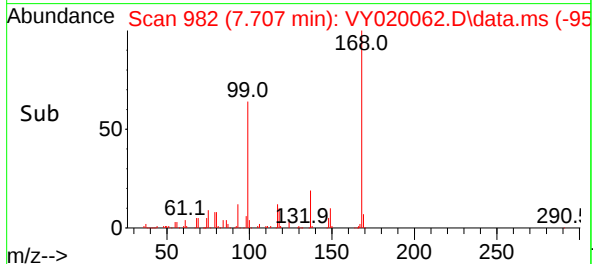
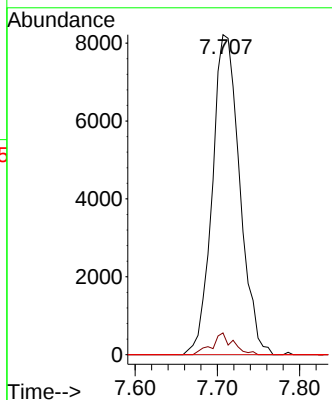


#38
Carbon Tetrachloride
Concen: 5.135 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

Instrument :
MSVOA_Y
ClientSampleId :

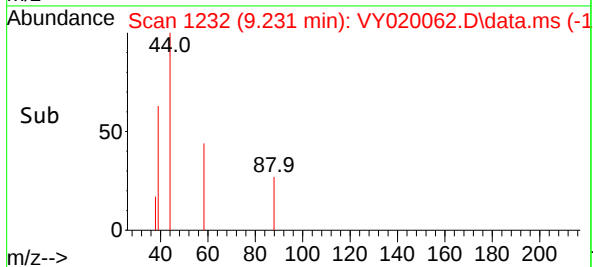
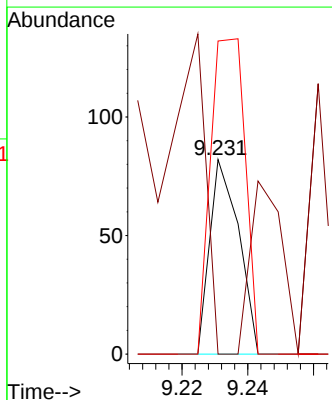
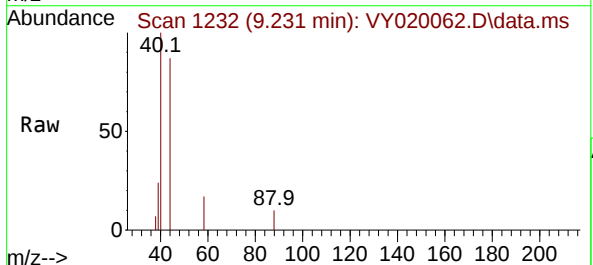


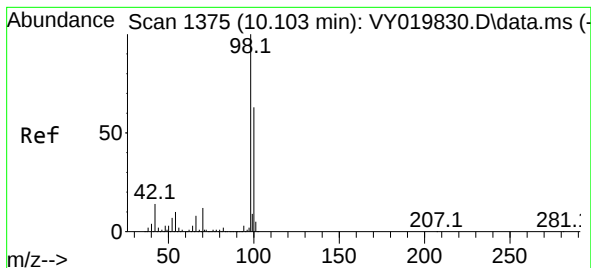
Tgt Ion: 117 Resp: 19083
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.114 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

Tgt Ion: 88 Resp: 50
Ion Ratio Lower Upper
88 100
43 98.0 0.0 0.0#
58 194.0 49.3 73.9#

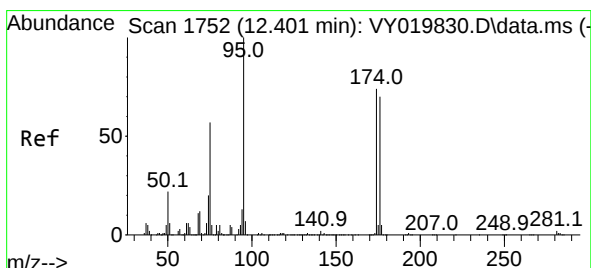
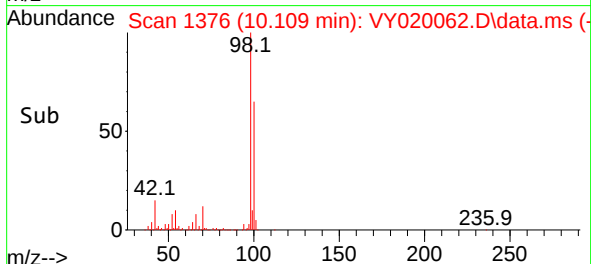
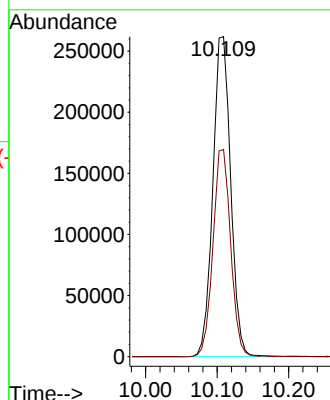
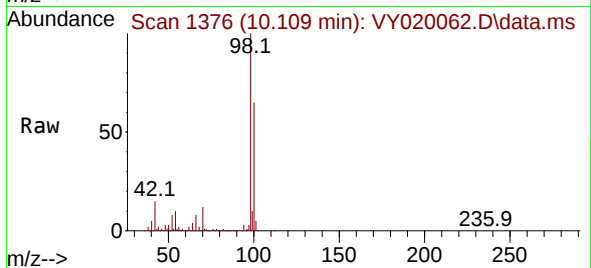




#50
Toluene-d8
Concen: 51.017 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

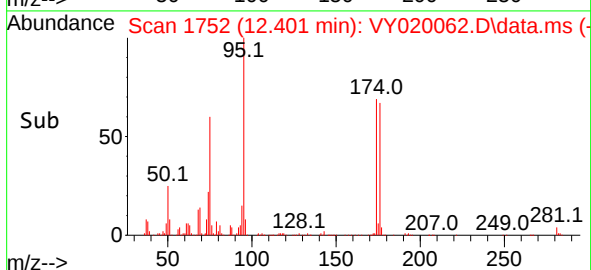
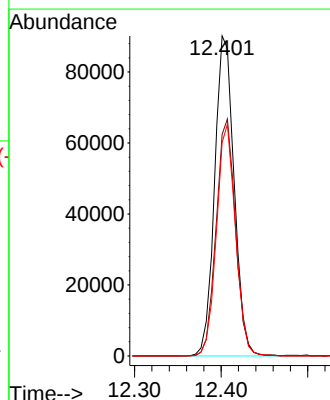
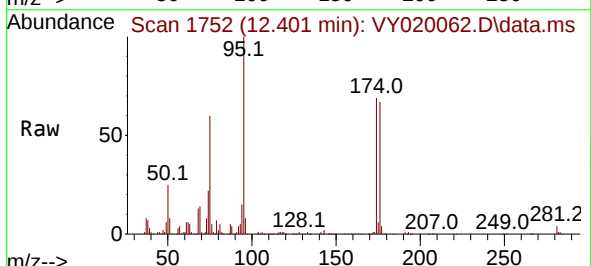
Instrument :
MSVOA_Y
ClientSampleId :

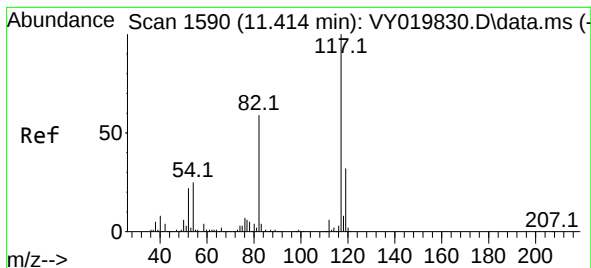
Tgt Ion: 98 Resp: 453335
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.784 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

Tgt Ion: 95 Resp: 140581
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 70.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020062.D

Acq: 29 Oct 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

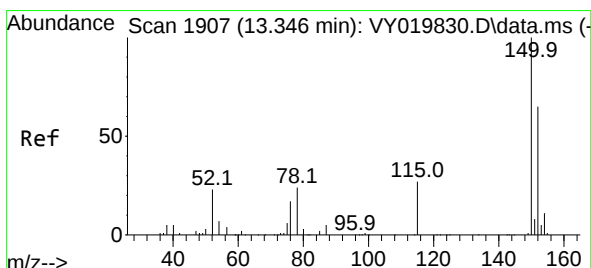
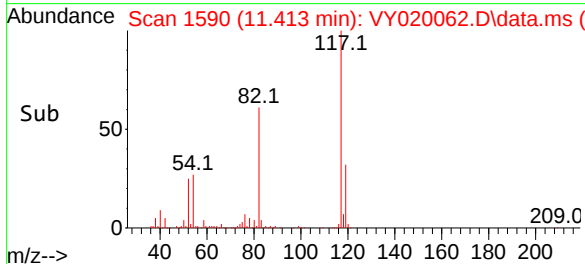
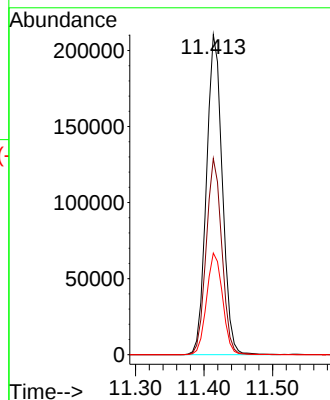
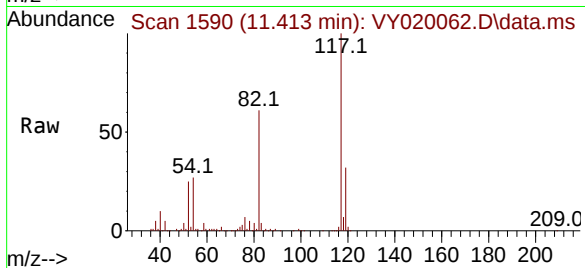
Tgt Ion:117 Resp: 339109

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 31.8 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY020062.D

Acq: 29 Oct 2024 15:36

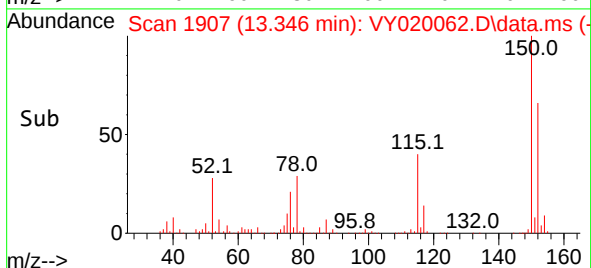
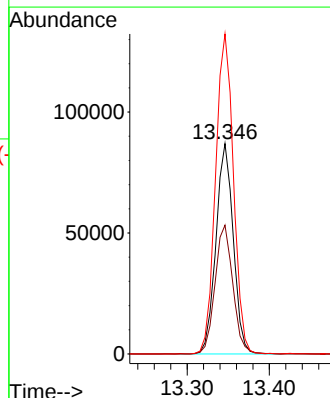
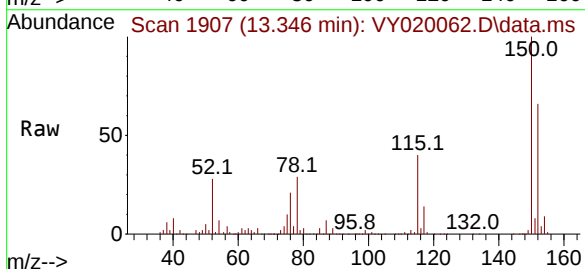
Tgt Ion:152 Resp: 127440

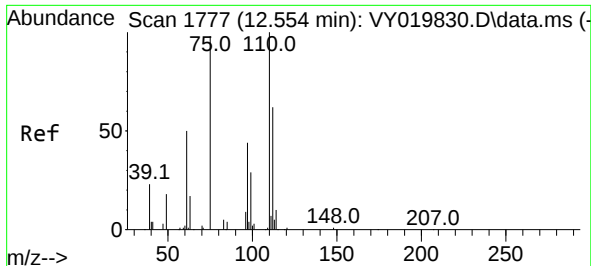
Ion Ratio Lower Upper

152 100

115 63.1 28.2 84.7

150 157.2 0.0 345.6

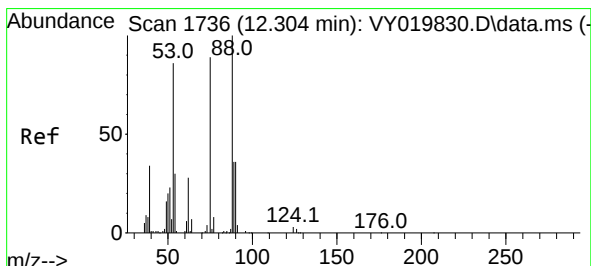
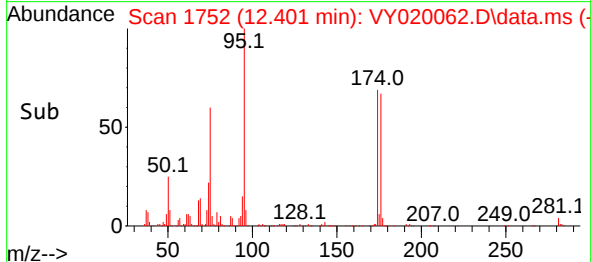
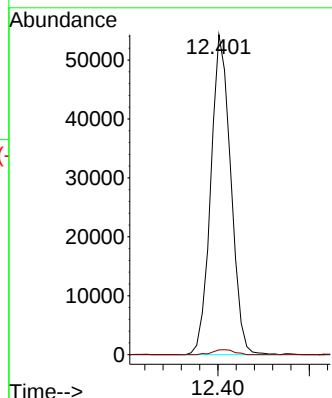
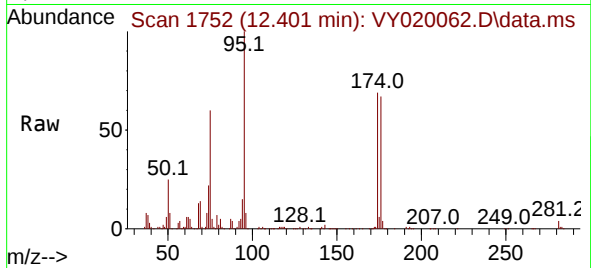




#76
1,2,3-Trichloropropane
Concen: 33.142 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

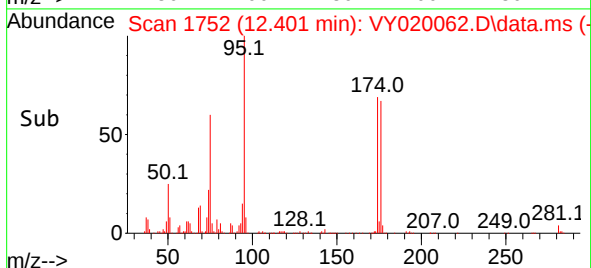
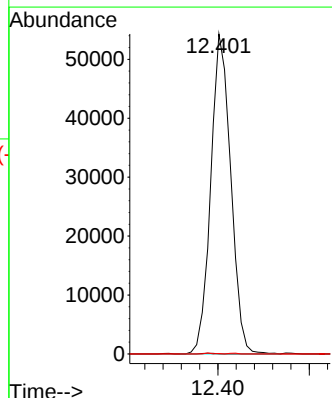
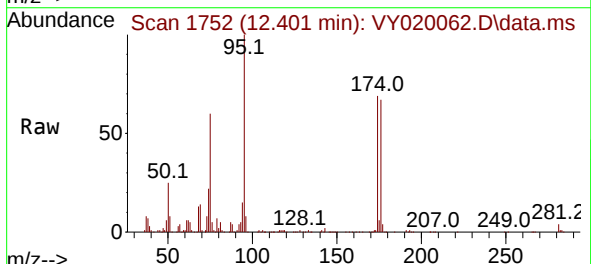
Instrument :
MSVOA_Y
ClientSampleId :

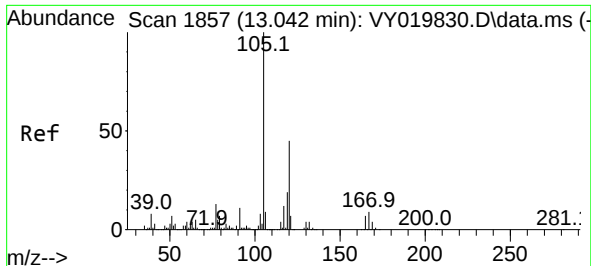
Tgt Ion: 75 Resp: 82741
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.775 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.097 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

Tgt Ion: 75 Resp: 82741
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

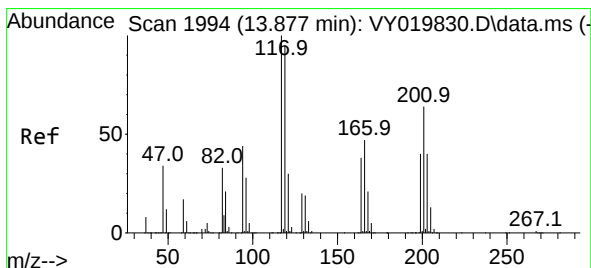
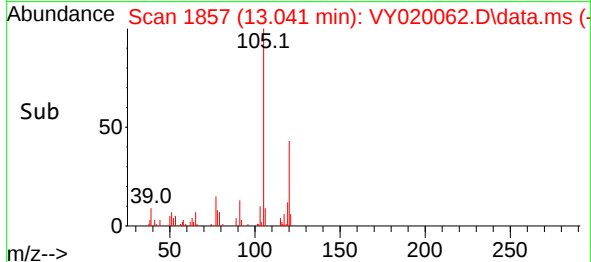
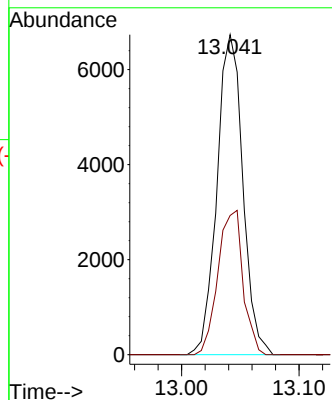
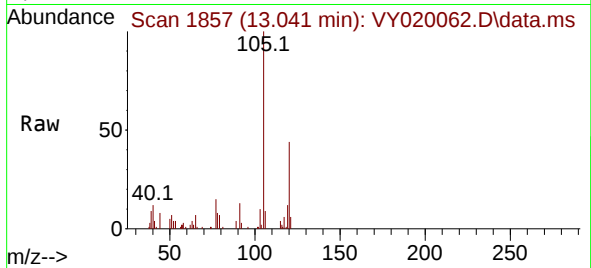




#84
1,2,4-Trimethylbenzene
Concen: 1.199 ug/l
RT: 13.041 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

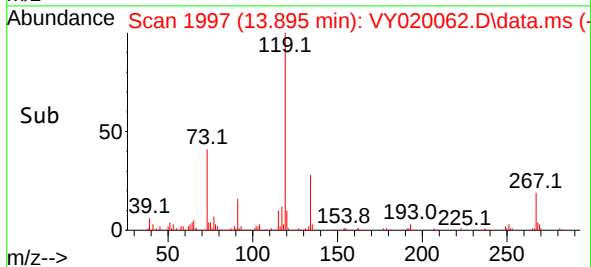
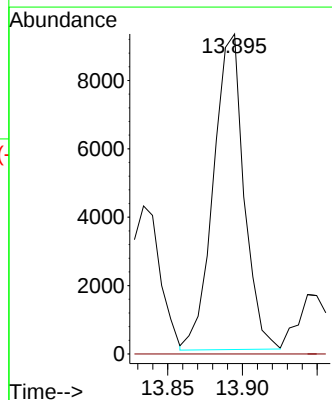
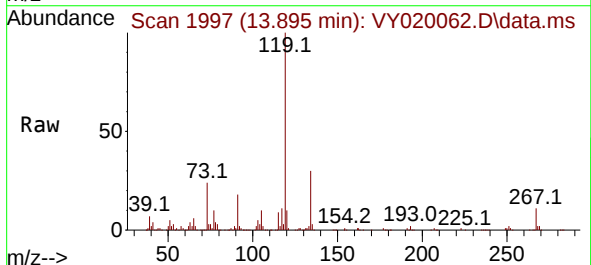
Instrument :
MSVOA_Y
ClientSampleId :

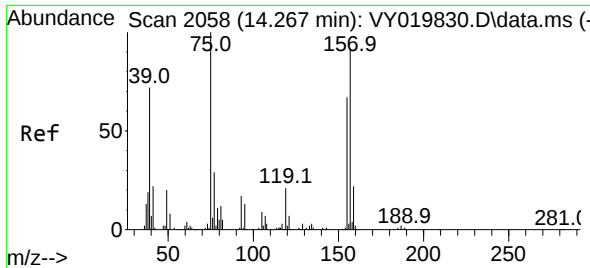
Tgt Ion:105 Resp: 10287
Ion Ratio Lower Upper
105 100
120 43.8 23.2 69.6



#90
Hexachloroethane
Concen: 7.158 ug/l
RT: 13.895 min Scan# 1997
Delta R.T. 0.012 min
Lab File: VY020062.D
Acq: 29 Oct 2024 15:36

Tgt Ion:117 Resp: 13114
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.560 ug/l

RT: 14.254 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY020062.D

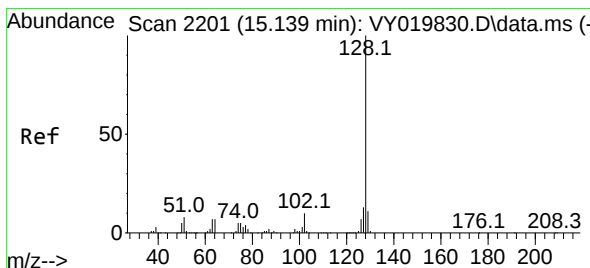
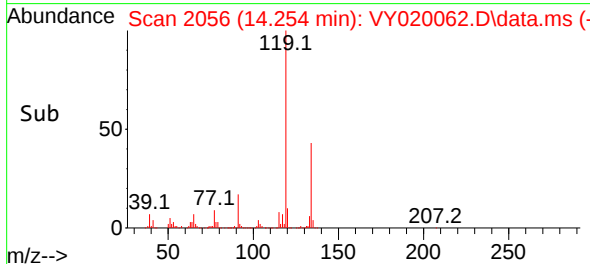
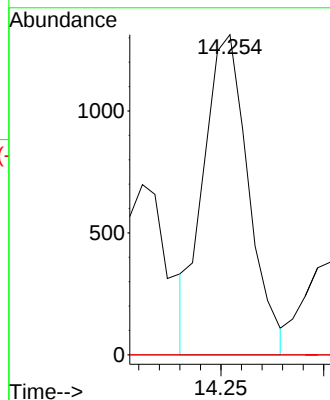
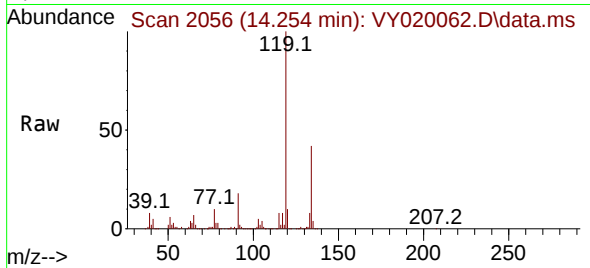
Acq: 29 Oct 2024 15:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	1994
Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.6	145.8#
157	0.0	62.7	188.2#



#95

Naphthalene

Concen: 2.110 ug/l

RT: 15.144 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY020062.D

Acq: 29 Oct 2024 15:36

Tgt Ion:	128	Resp:	9005
Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.6	16.0#
129	13.8	8.6	13.0#

