

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013563.D
 Acq On : 02 May 2023 17:44
 Operator : KP/MD
 Sample : 02583-05
 Misc : 13.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-25

Quant Time: May 03 01:34:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	198835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154838	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160770	73.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.520%
35) Dibromofluoromethane	7.716	113	120900	56.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.520%
50) Toluene-d8	10.179	98	419630	55.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.760%
62) 4-Bromofluorobenzene	12.477	95	136652	53.494	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.980%

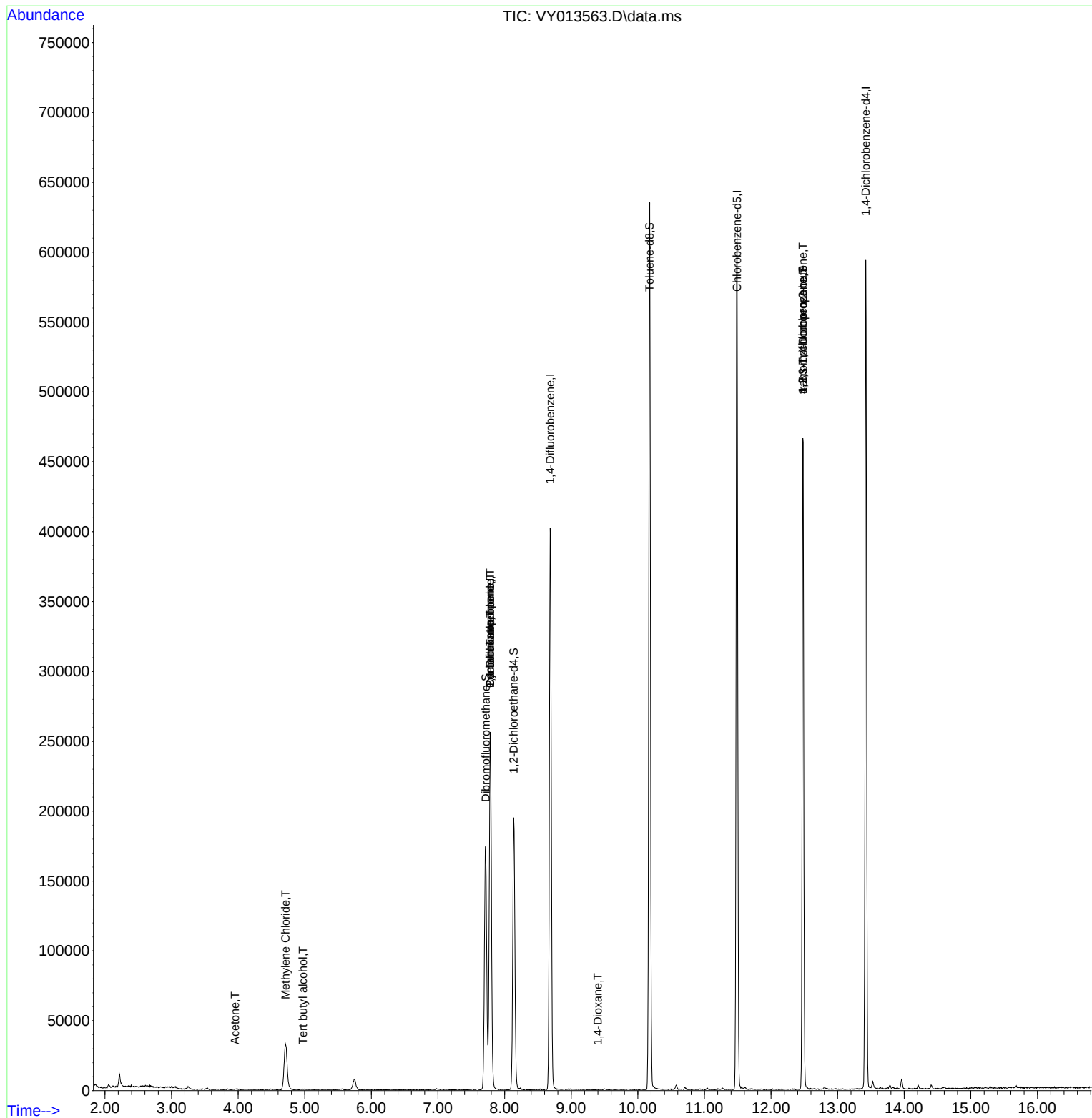
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	150	1.259	ug/l	# 89
13) Acrolein	3.723	56	72	Below Cal		# 16
16) Acetone	3.954	43	1067	1.243	ug/l	# 43
20) Methylene Chloride	4.710	84	24514	1.225	ug/l	# 85
31) Cyclohexane	7.783	56	4443	1.138	ug/l	# 25
36) 1,1-Dichloropropene	7.783	75	15602	4.414	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	19357	5.224	ug/l	# 16
49) 1,4-Dioxane	9.398	88	41	1.843	ug/l	# 25
76) 1,2,3-Trichloropropane	12.477	75	73519	35.207	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	73519	72.018	ug/l	# 13

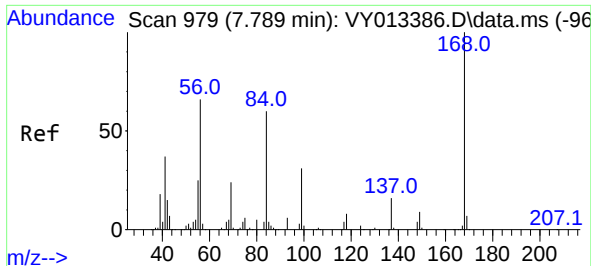
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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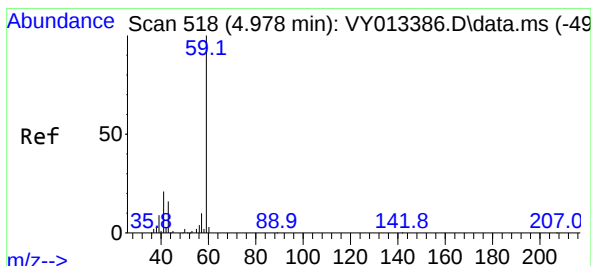
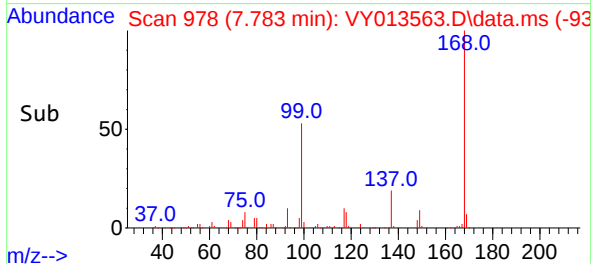
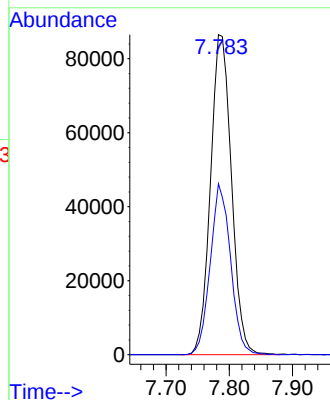
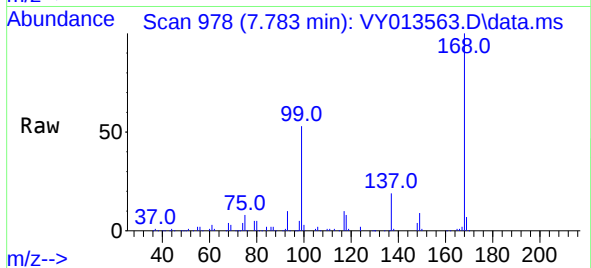




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

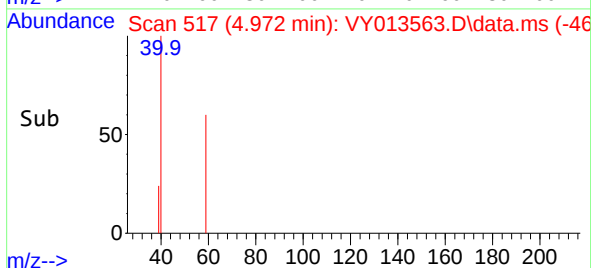
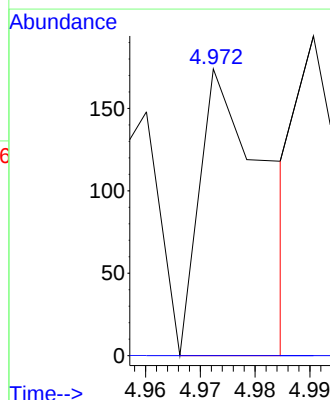
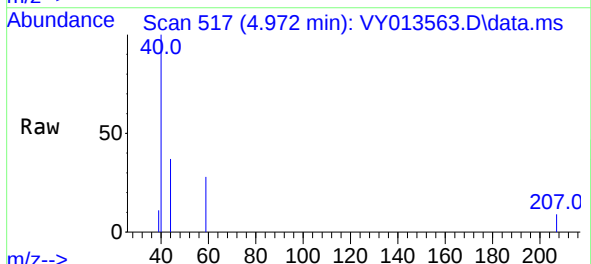
Instrument :
MSVOA_Y
ClientSampleId :
CF-25

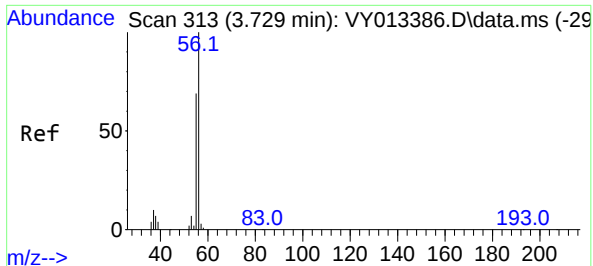
Tgt Ion:168 Resp: 198835
Ion Ratio Lower Upper
168 100
99 53.4 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.259 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

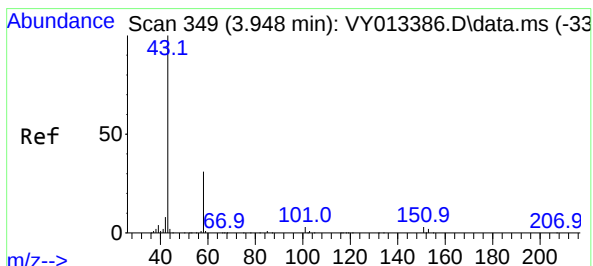
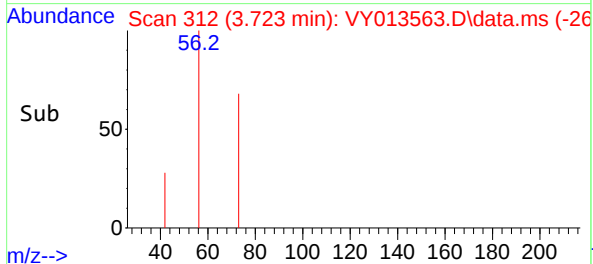
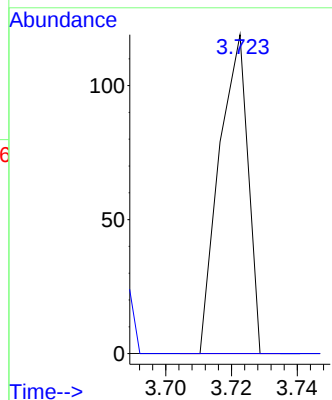
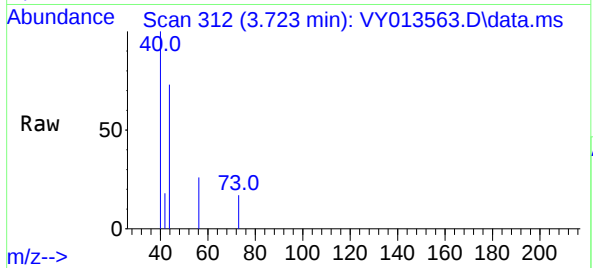




#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

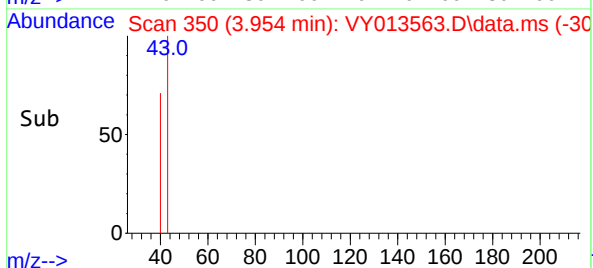
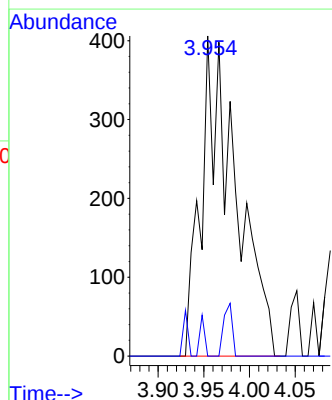
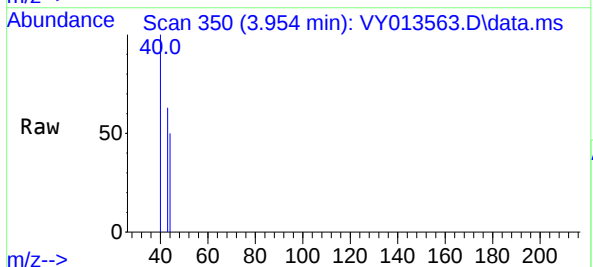
Instrument :
MSVOA_Y
ClientSampleId :
CF-25

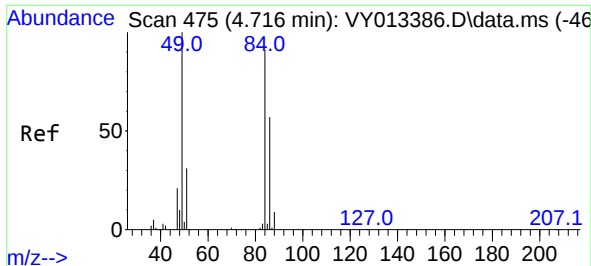
Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



#16
Acetone
Concen: 1.243 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



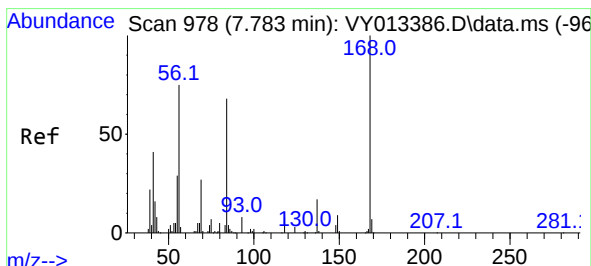
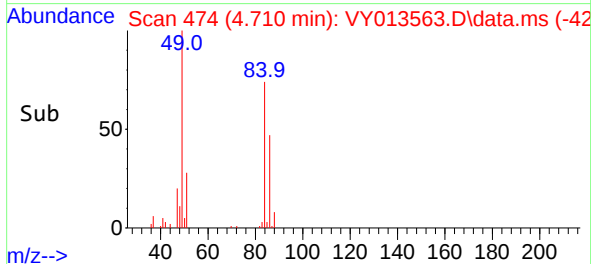
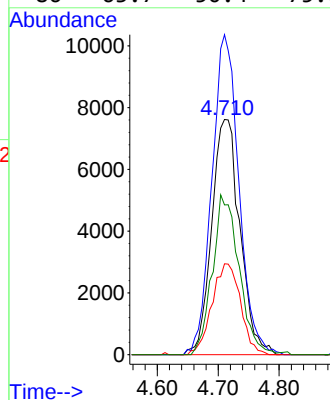
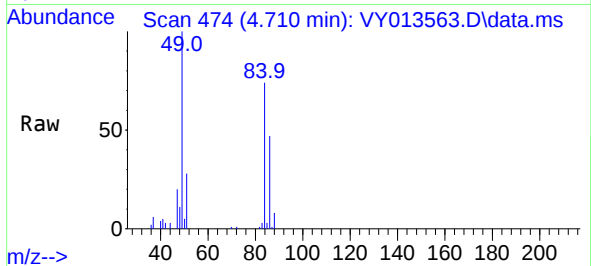


#20
Methylene Chloride
Concen: 1.225 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :
CF-25

Tgt Ion: 84 Resp: 24514

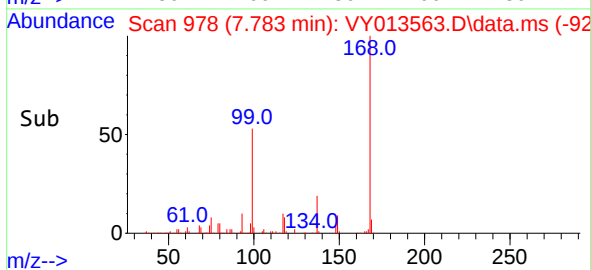
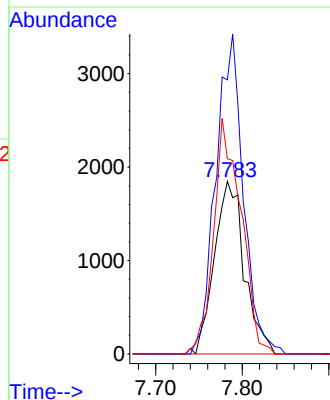
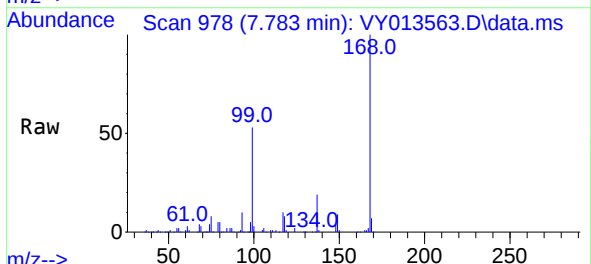
Ion	Ratio	Lower	Upper
84	100		
49	136.0	88.0	132.0#
51	38.6	27.4	41.0
86	63.7	50.4	75.6

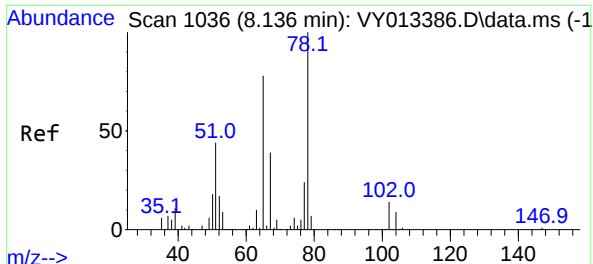


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 56 Resp: 4443

Ion	Ratio	Lower	Upper
56	100		
69	158.8	29.2	43.8#
84	113.1	73.0	109.6#

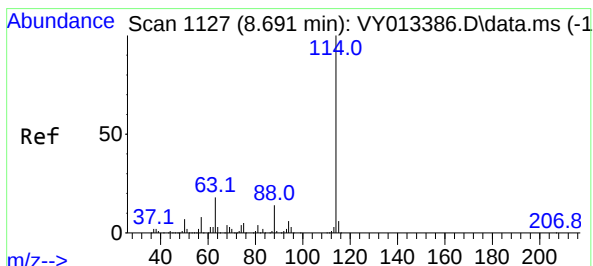
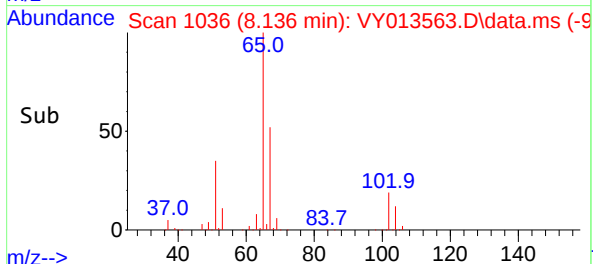
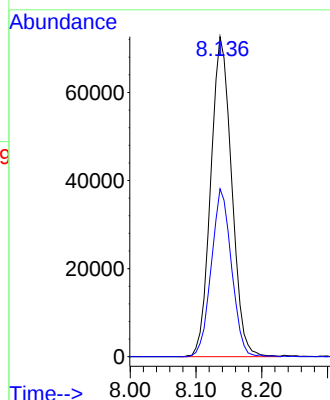
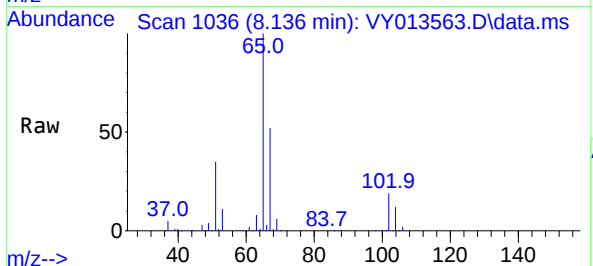




#33
1,2-Dichloroethane-d4
Concen: 73.759 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

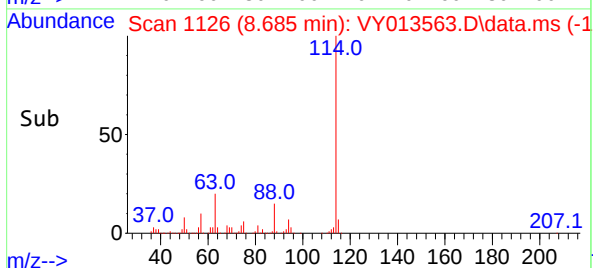
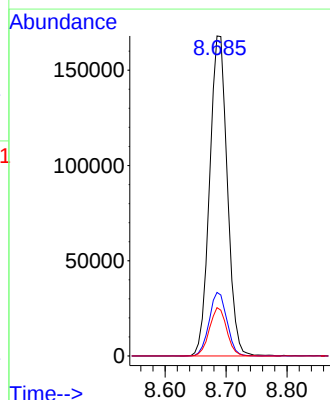
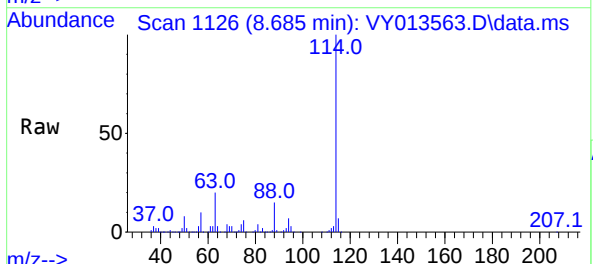
Instrument :
MSVOA_Y
ClientSampleId :
CF-25

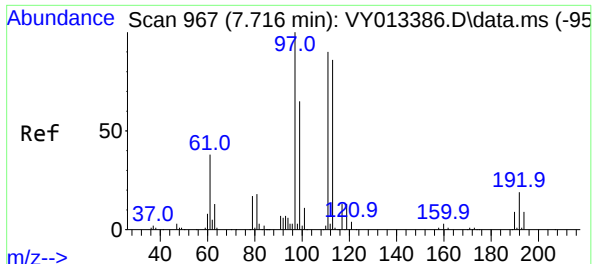
Tgt Ion: 65 Resp: 160770
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 114 Resp: 338660
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.6
88 15.1 0.0 28.8

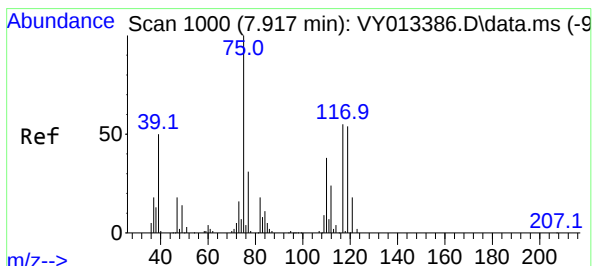
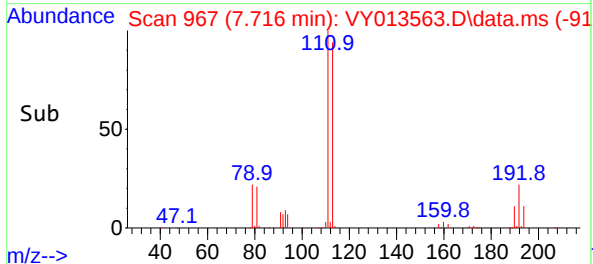
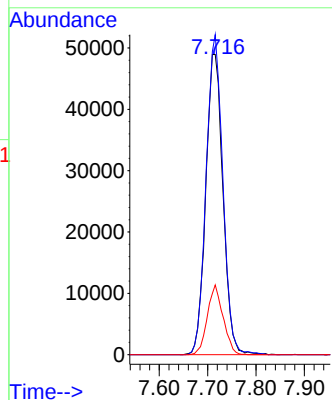
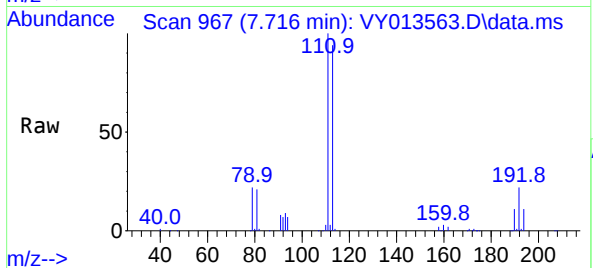




#35
Dibromofluoromethane
Concen: 56.760 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

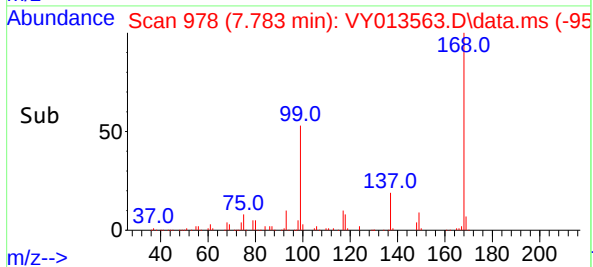
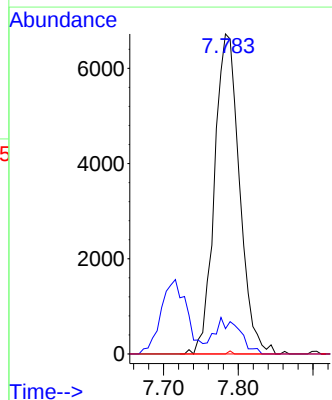
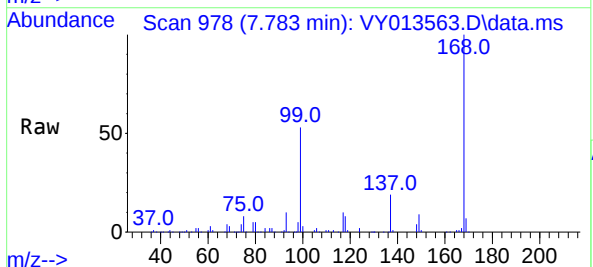
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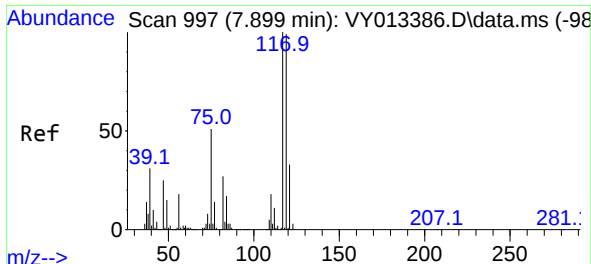
Tgt Ion:113 Resp: 120900
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.414 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 75 Resp: 15602
Ion Ratio Lower Upper
75 100
110 11.5 18.7 56.1#
77 0.1 24.6 37.0#

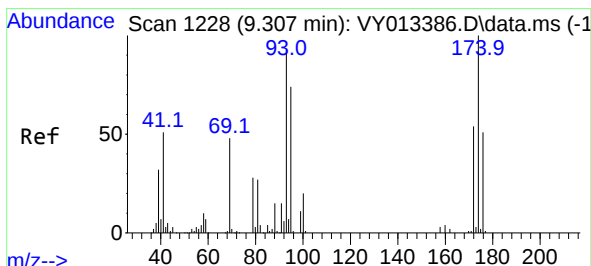
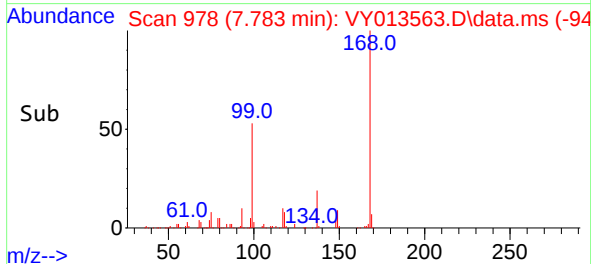
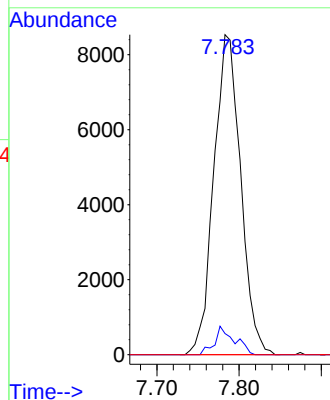
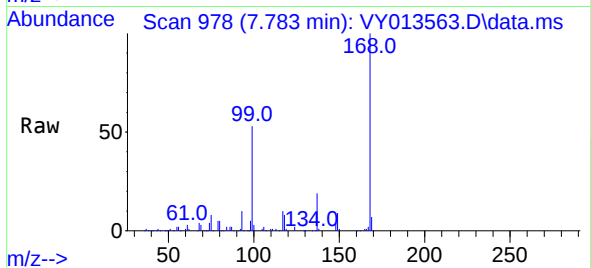




#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

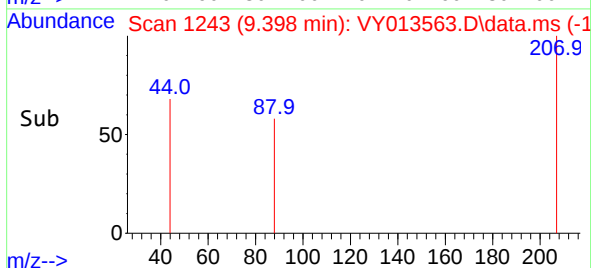
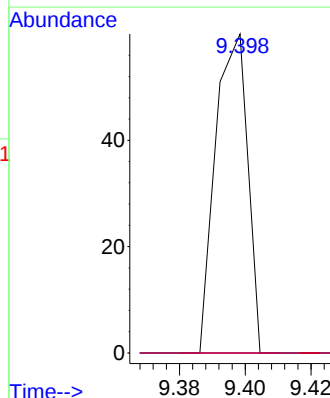
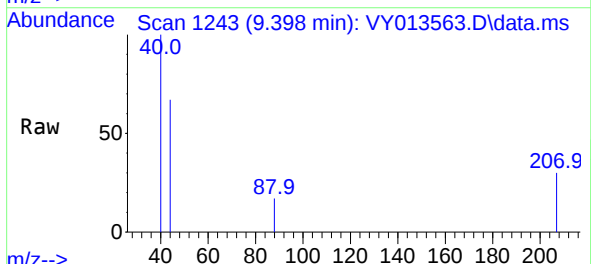
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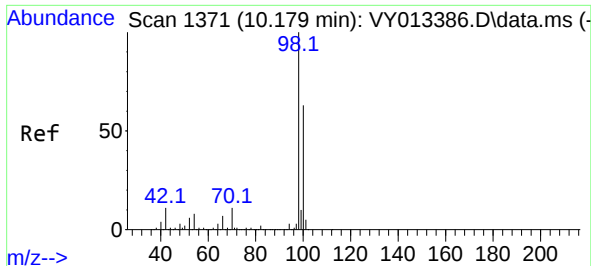
Tgt Ion:117 Resp: 19357
Ion Ratio Lower Upper
117 100
119 6.6 79.0 118.6#
121 0.0 26.6 40.0#



#49
1,4-Dioxane
Concen: 1.843 ug/l
RT: 9.398 min Scan# 1243
Delta R.T. 0.091 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 0.0 54.3 81.5#

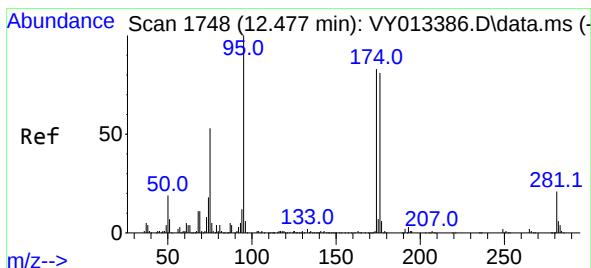
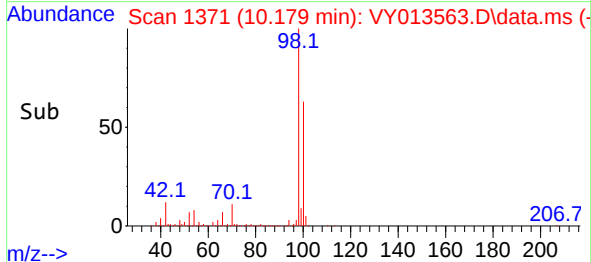
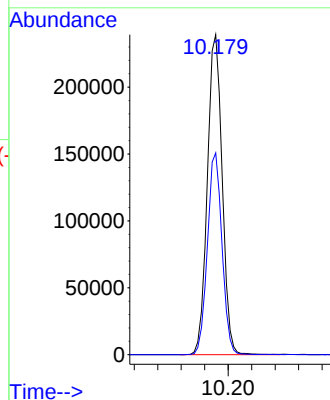
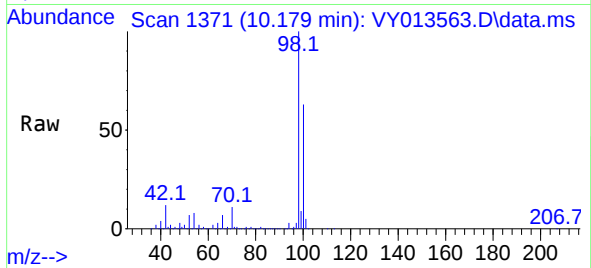




#50
Toluene-d8
Concen: 55.380 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

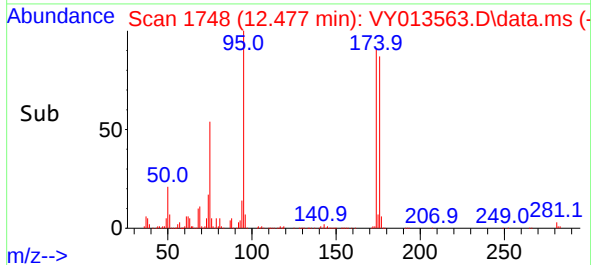
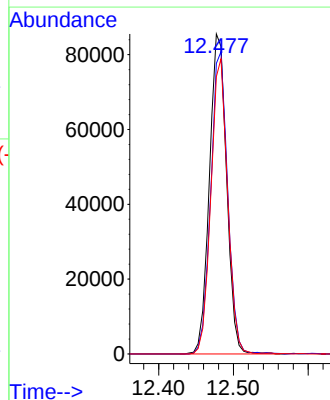
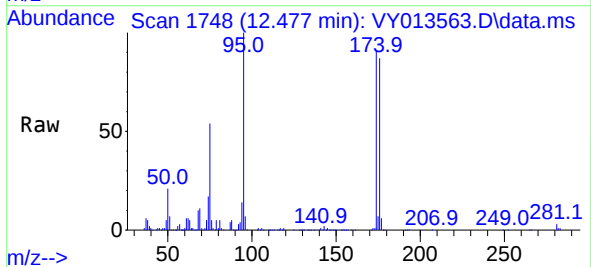
Instrument :
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CF-25

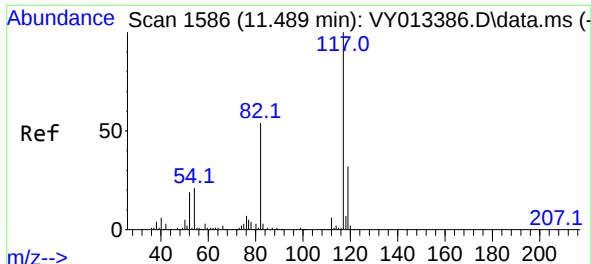
Tgt Ion: 98 Resp: 419630
Ion Ratio Lower Upper
98 100
100 61.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 53.494 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 95 Resp: 136652
Ion Ratio Lower Upper
95 100
174 93.4 0.0 182.0
176 89.6 0.0 175.4

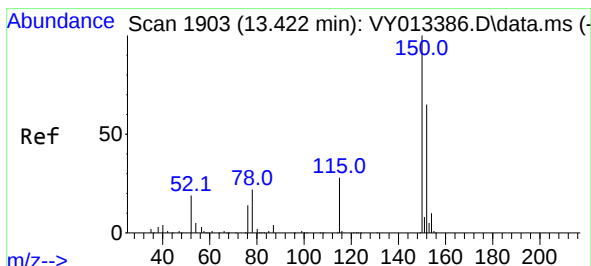
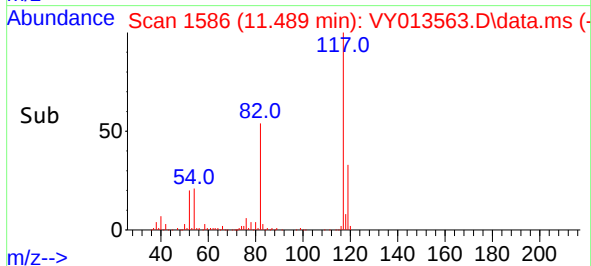
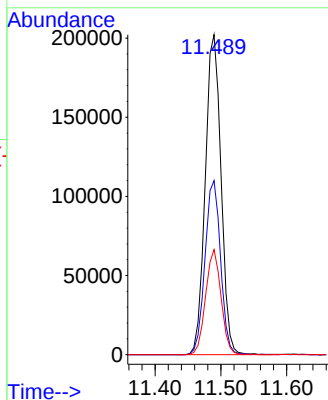
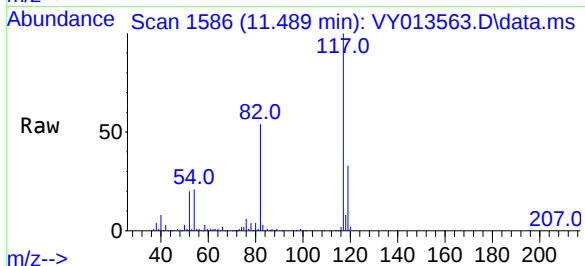




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

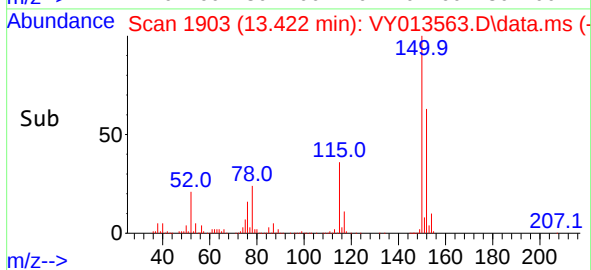
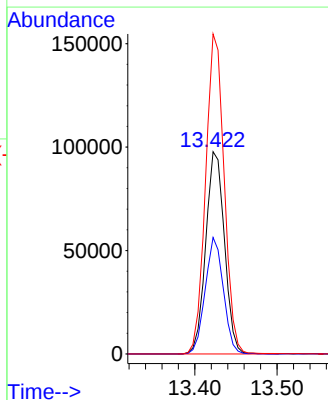
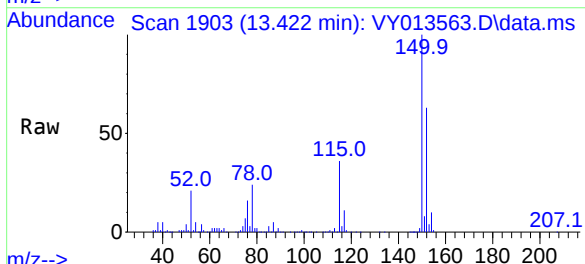
Instrument :
MSVOA_Y
ClientSampleId :
CF-25

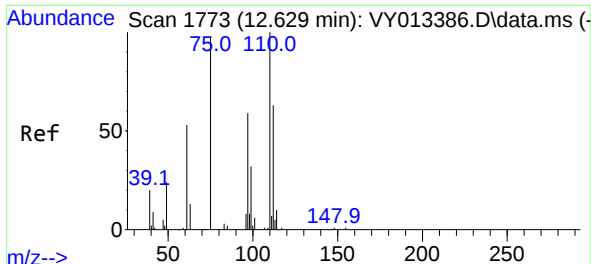
Tgt Ion:117 Resp: 337647
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.6
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion:152 Resp: 154838
Ion Ratio Lower Upper
152 100
115 55.8 28.1 84.2
150 156.7 0.0 352.0

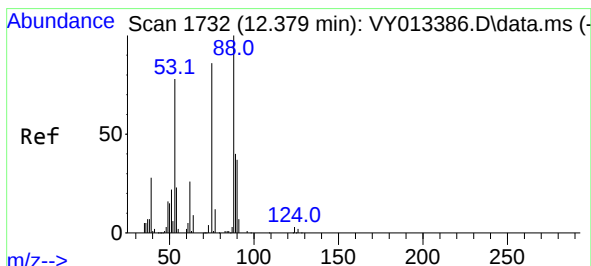
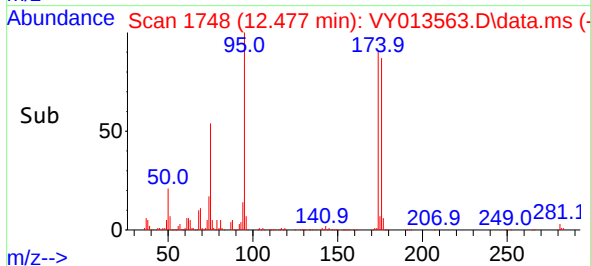
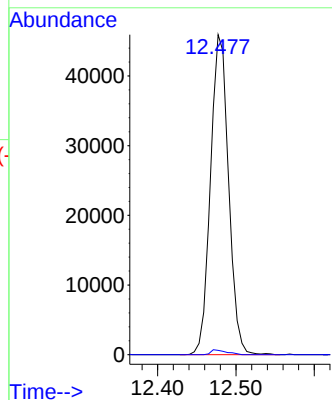
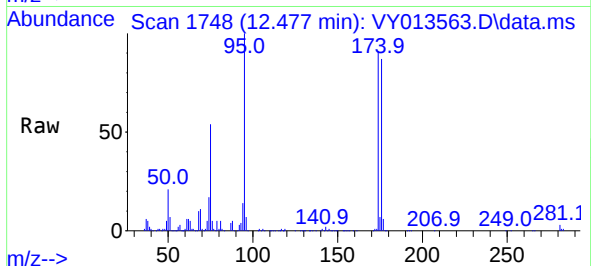




#76
1,2,3-Trichloropropane
Concen: 35.207 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :
CF-25

Tgt Ion: 75 Resp: 73519
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.018 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY013563.D
Acq: 02 May 2023 17:44

Tgt Ion: 75 Resp: 73519
Ion Ratio Lower Upper
75 100
53 0.2 73.2 109.8#
89 0.1 38.0 57.0#

