

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010951.D
 Acq On : 13 Oct 2022 12:09
 Operator : KP/MD
 Sample : VY1013SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBL01

Quant Time: Oct 14 02:09:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

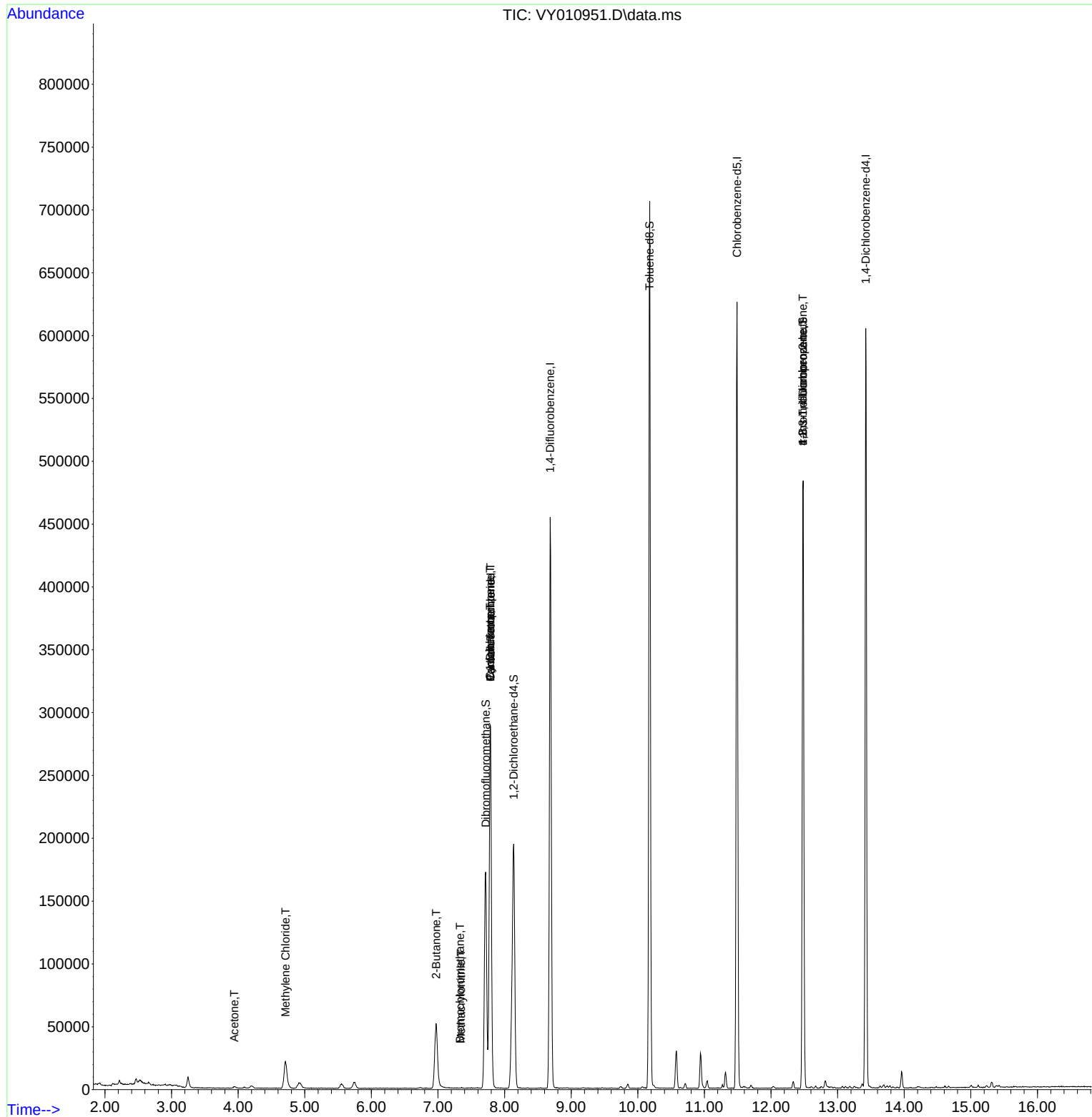
Internal Standards						
1) Pentafluorobenzene	7.789	168	227935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129496	56.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.100%	
35) Dibromofluoromethane	7.716	113	126000	49.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.280%	
50) Toluene-d8	10.179	98	455412	51.940	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.477	95	147864	42.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	4931	Below Cal	#	77
16) Acetone	3.942	43	2332	3.974	ug/l #	83
20) Methylene Chloride	4.710	84	16322	1.259	ug/l #	82
25) 2-Butanone	6.972	43	3380	4.007	ug/l #	77
28) Bromochloromethane	7.332	49	19	4.722	ug/l #	16
31) Cyclohexane	7.783	56	4568	1.105	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	18195	4.916	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22809	5.917	ug/l #	15
41) Methacrylonitrile	7.344	41	75	2.648	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	73908	47.563	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73908	99.354	ug/l #	7

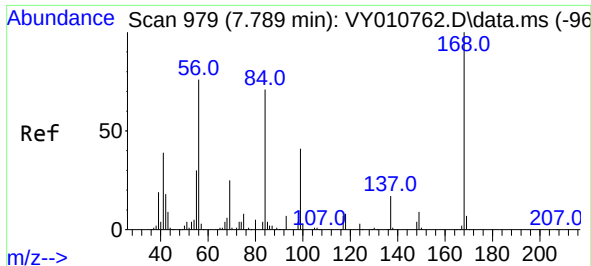
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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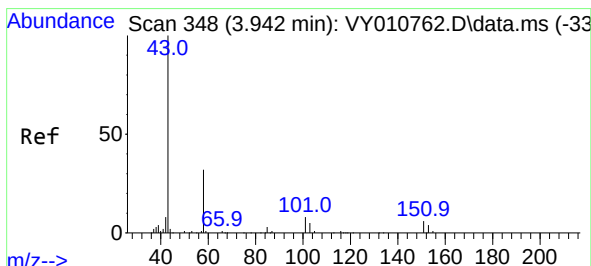
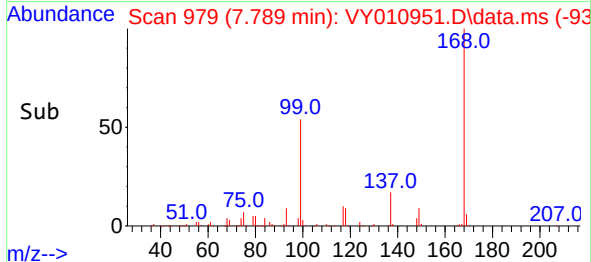
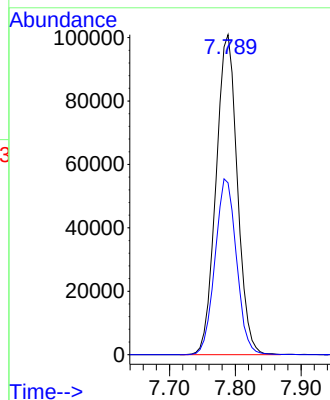
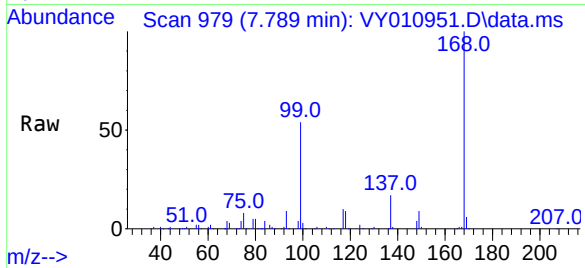




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

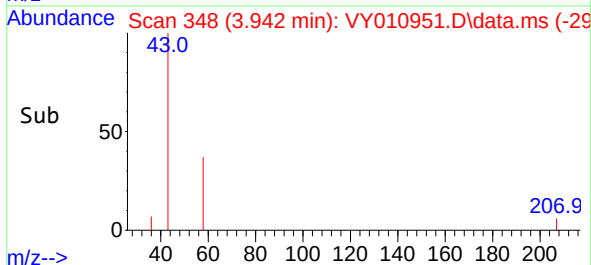
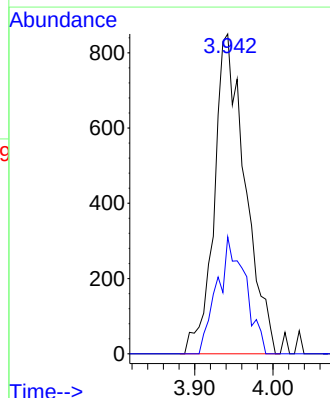
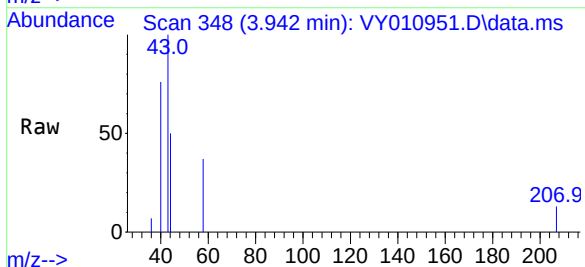
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBL01

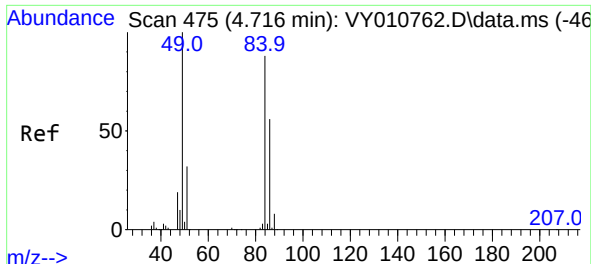
Tgt Ion:168 Resp: 227935
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 3.974 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
58 36.6 22.0 33.0#

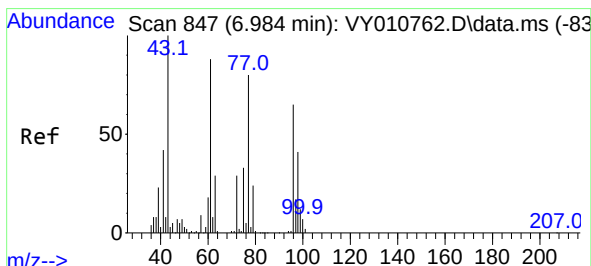
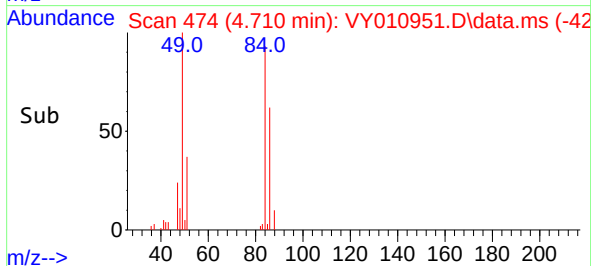
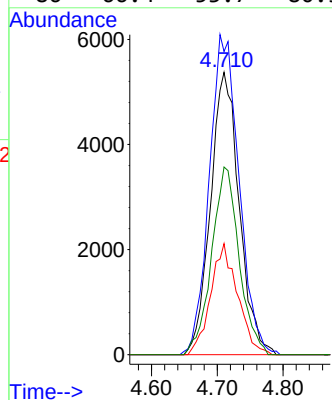
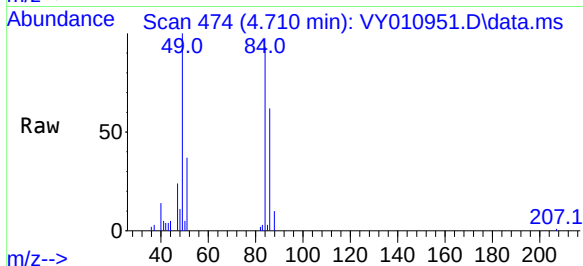




#20
Methylene Chloride
Concen: 1.259 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

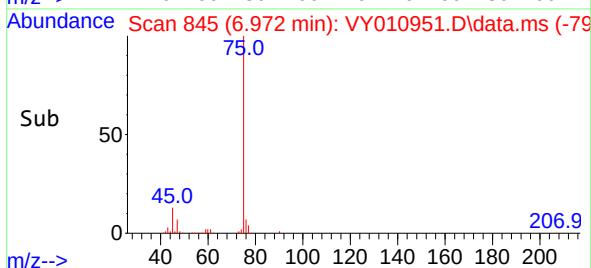
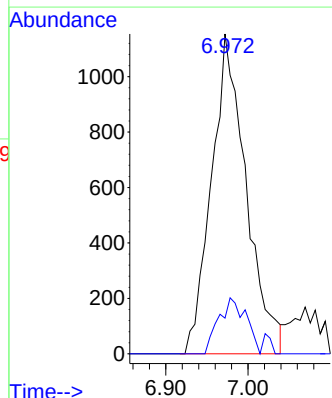
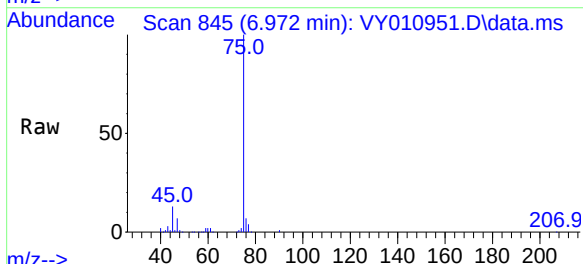
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBL01

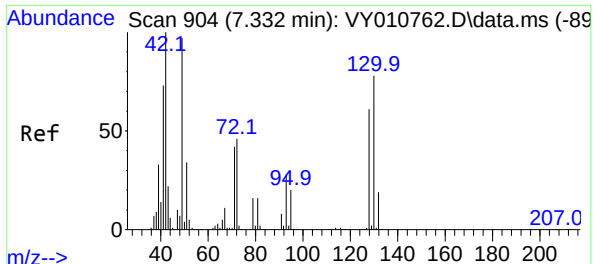
Tgt Ion: 84 Resp: 16322
Ion Ratio Lower Upper
84 100
49 107.3 114.4 171.6#
51 39.3 35.3 52.9
86 66.4 53.7 80.5



#25
2-Butanone
Concen: 4.007 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

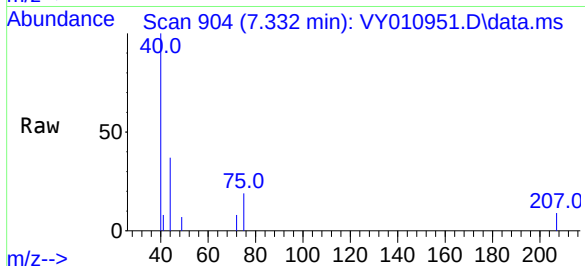
Tgt Ion: 43 Resp: 3380
Ion Ratio Lower Upper
43 100
72 11.2 17.7 26.5#



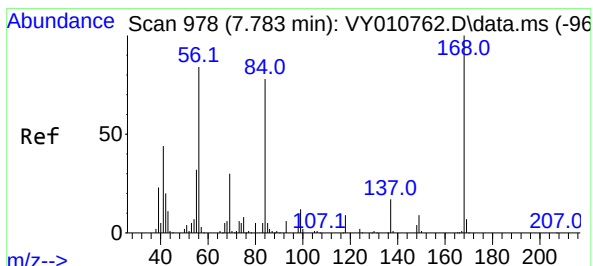
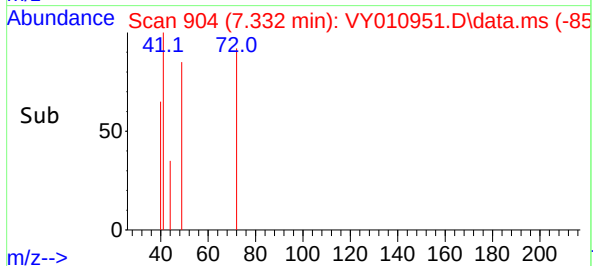
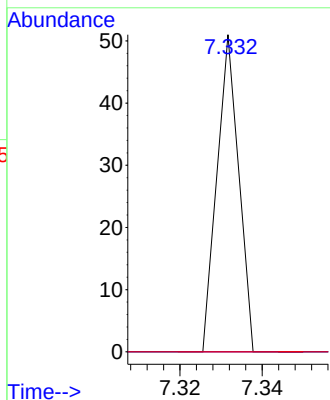


#28
Bromochloromethane
Concen: 4.722 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBL01

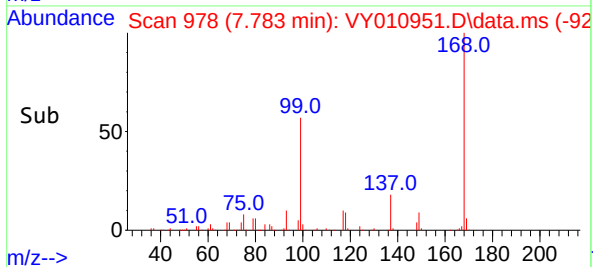
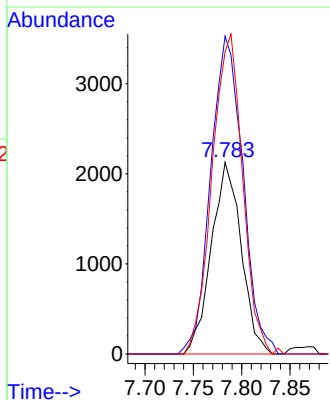
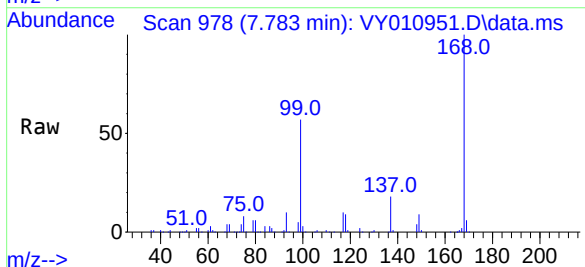


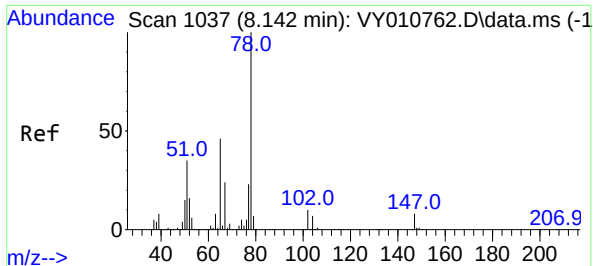
Tgt Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 55.4 83.0#



#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 56 Resp: 4568
Ion Ratio Lower Upper
56 100
69 165.9 26.7 40.1#
84 157.8 67.2 100.8#

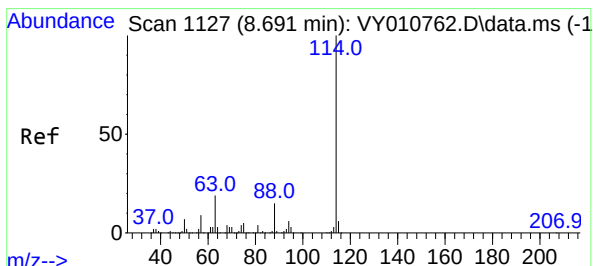
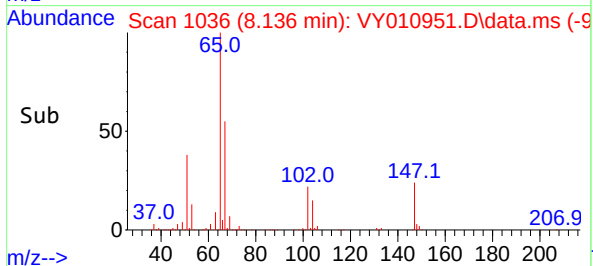
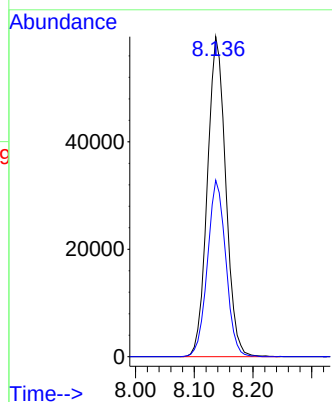
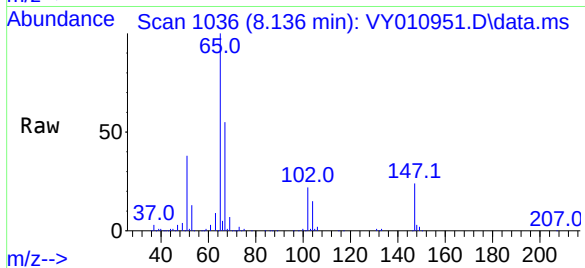




#33
 1,2-Dichloroethane-d4
 Concen: 56.049 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY010951.D
 Acq: 13 Oct 2022 12:09

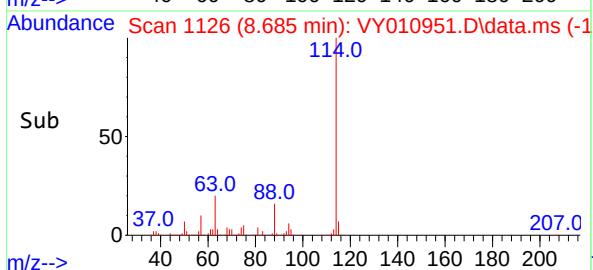
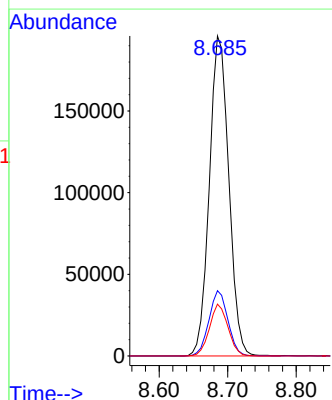
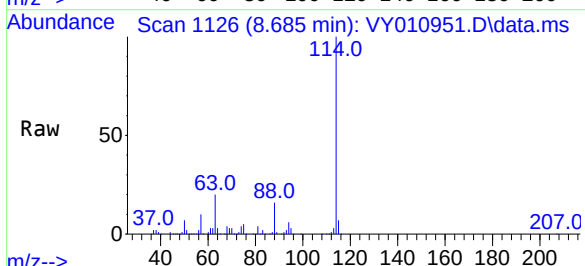
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1013SBL01

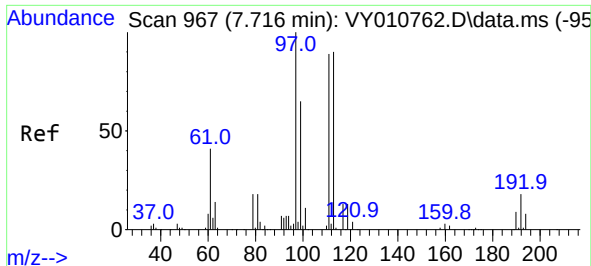
Tgt Ion: 65 Resp: 129496
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010951.D
 Acq: 13 Oct 2022 12:09

Tgt Ion:114 Resp: 386234
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 16.2 0.0 31.8

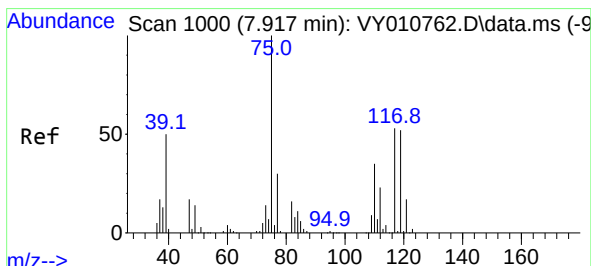
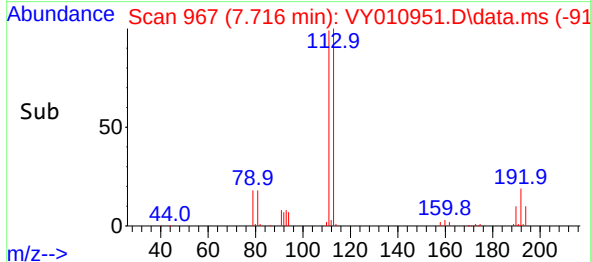
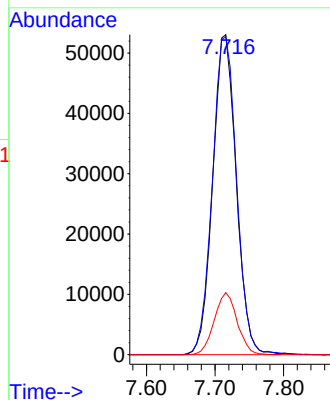
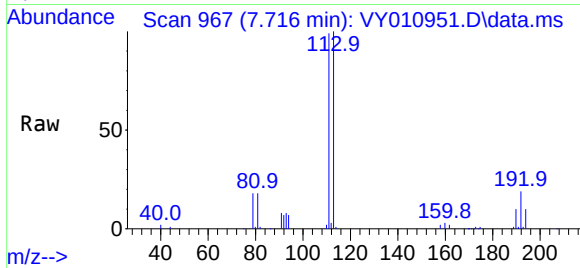




#35
Dibromofluoromethane
Concen: 49.145 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

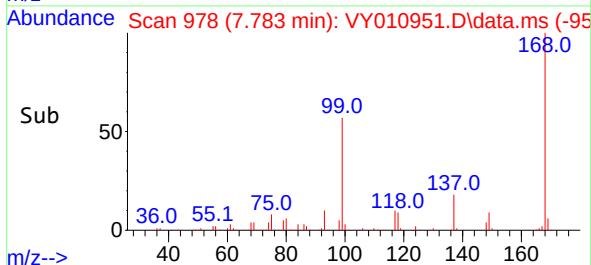
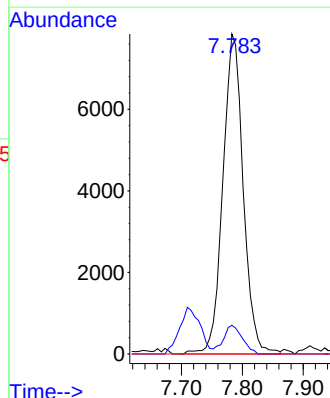
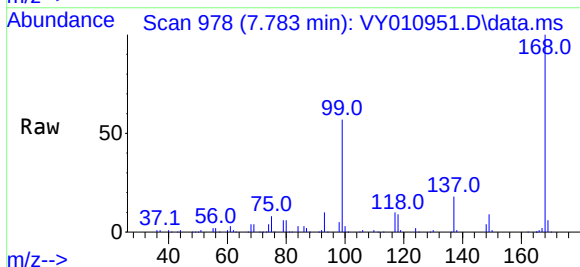
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBL01

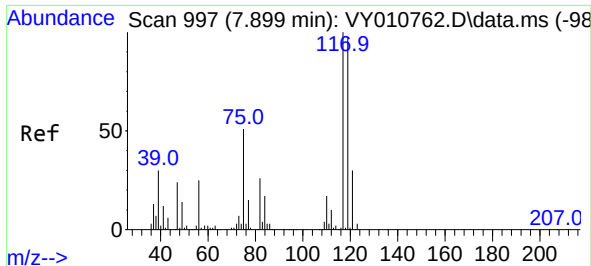
Tgt Ion:113 Resp: 126000
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.916 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

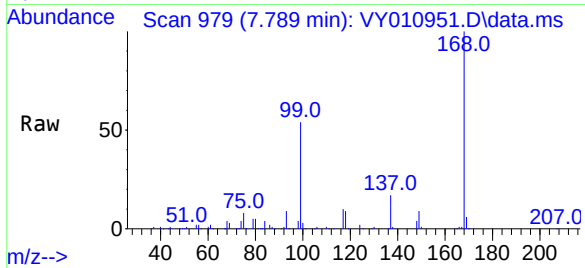
Tgt Ion: 75 Resp: 18195
Ion Ratio Lower Upper
75 100
110 8.3 17.1 51.2#
77 0.0 24.4 36.6#



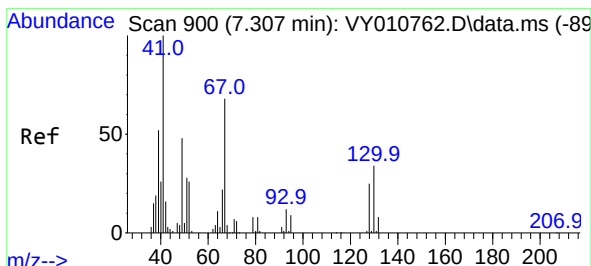
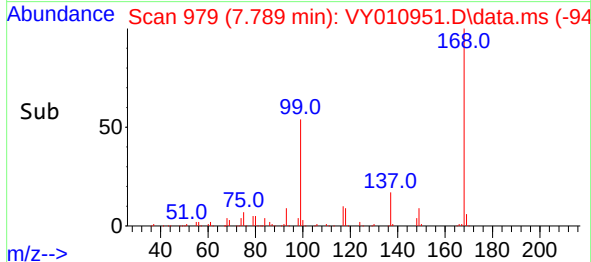
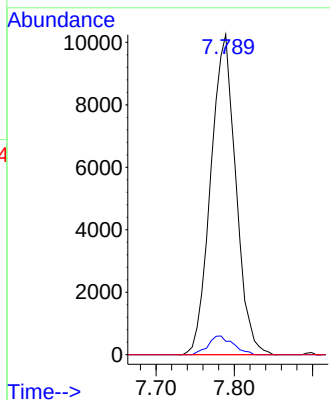


#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Instrument :
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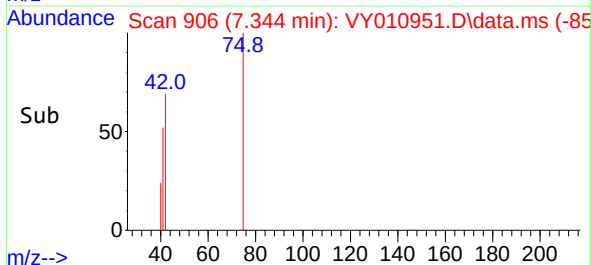
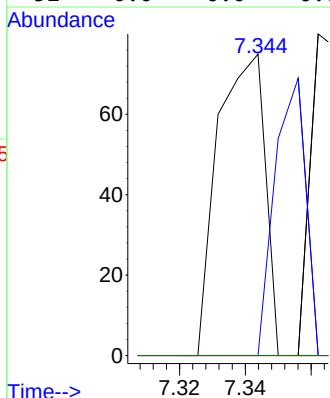
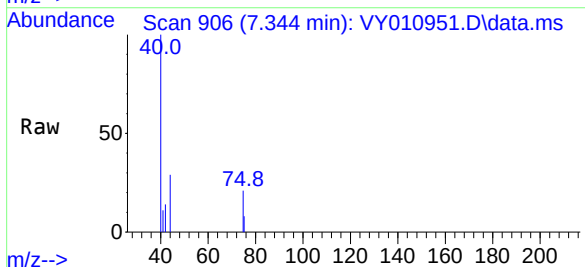


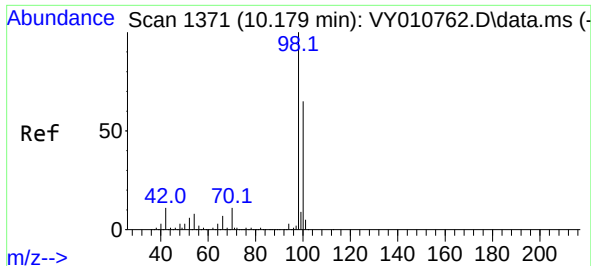
Tgt Ion:117 Resp: 22809
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.648 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 41 Resp: 75
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

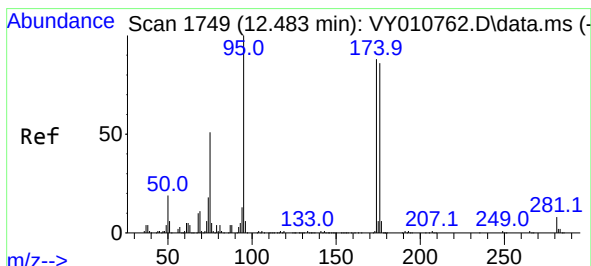
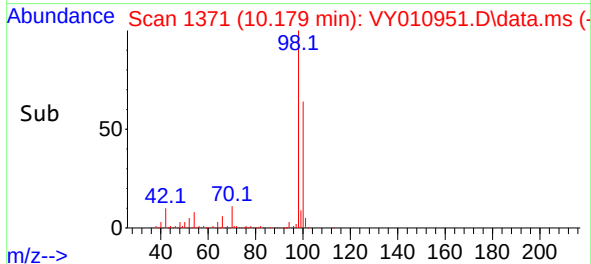
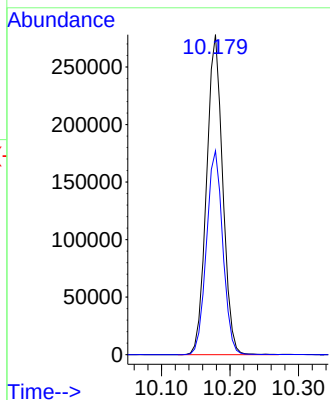
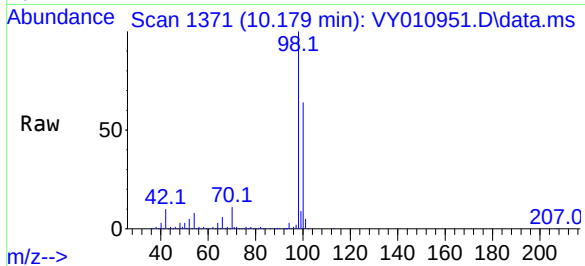




#50
Toluene-d8
Concen: 51.940 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

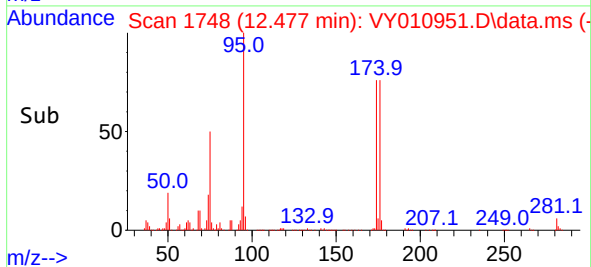
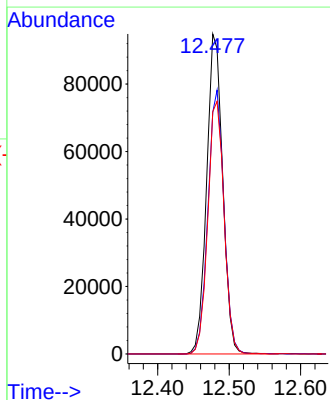
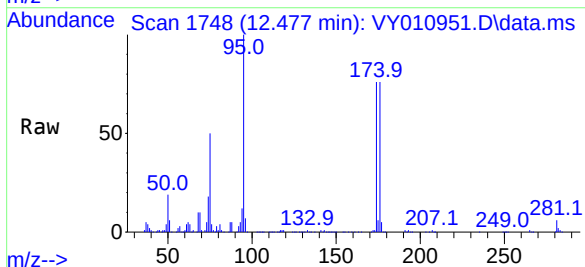
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBL01

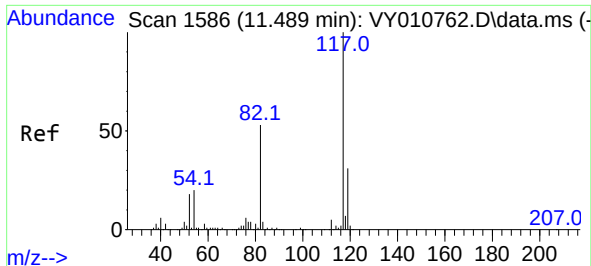
Tgt Ion: 98 Resp: 455412
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.622 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 95 Resp: 147864
Ion Ratio Lower Upper
95 100
174 82.4 0.0 177.0
176 80.0 0.0 175.8

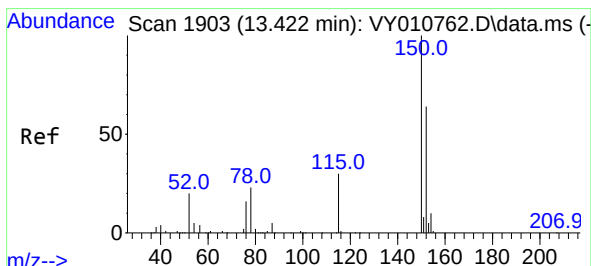
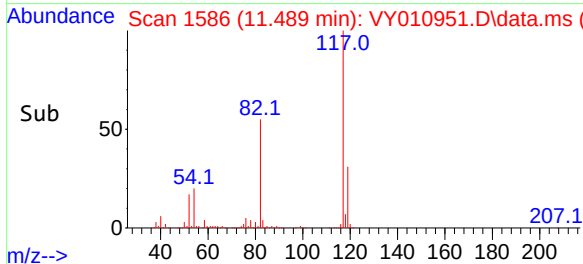
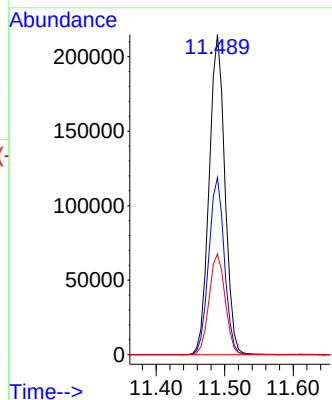
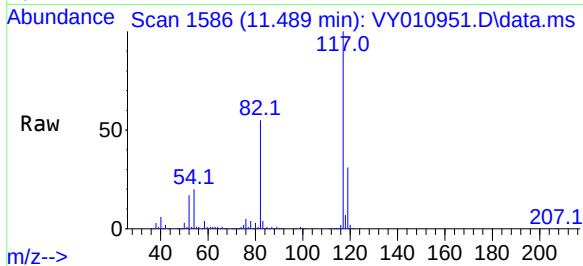




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

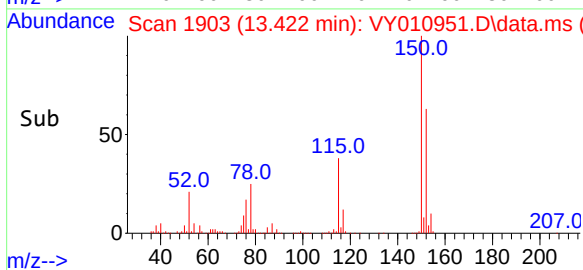
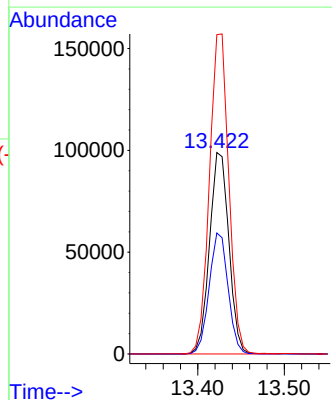
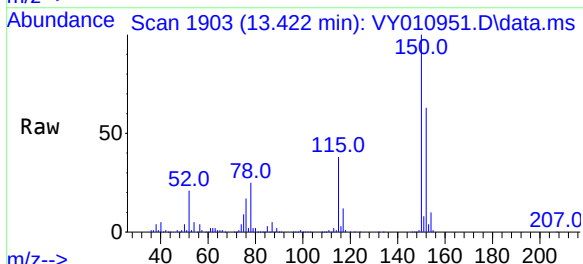
Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBL01

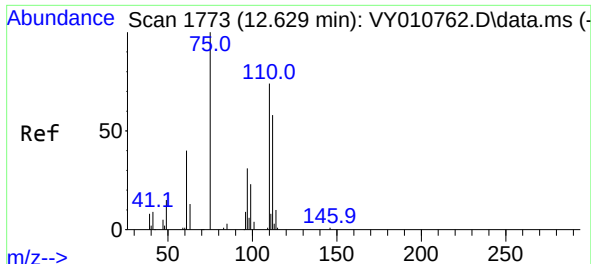
Tgt Ion:	117	Resp:	342701
Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.0	64.4
119	31.5	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Tgt Ion:	152	Resp:	153444
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	159.2	0.0	347.6

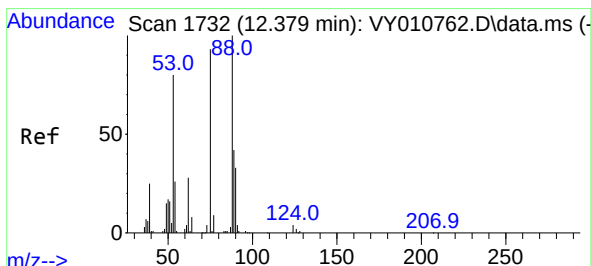
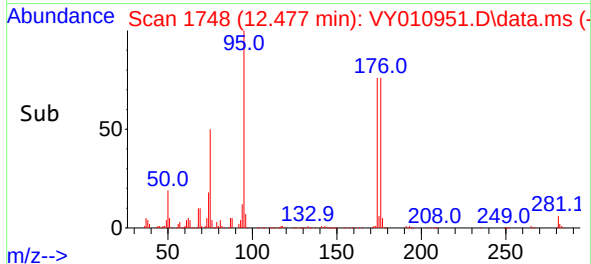
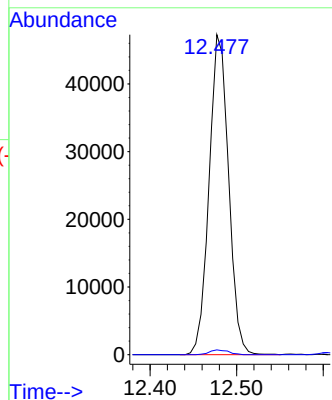
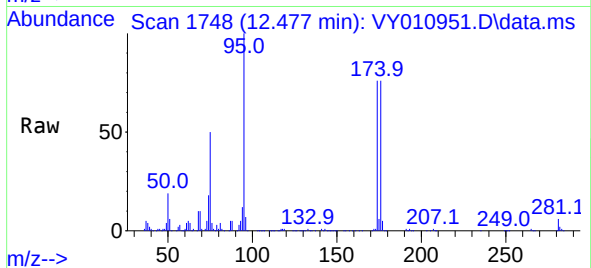




#76
1,2,3-Trichloropropane
Concen: 47.563 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1013SBL01

Tgt Ion: 75 Resp: 73908
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.354 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010951.D
Acq: 13 Oct 2022 12:09

Tgt Ion: 75 Resp: 73908
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

