

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014951.D
 Acq On : 03 Aug 2023 16:15
 Operator : SY/MD
 Sample : 03877-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1RE

Quant Time: Aug 04 04:32:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

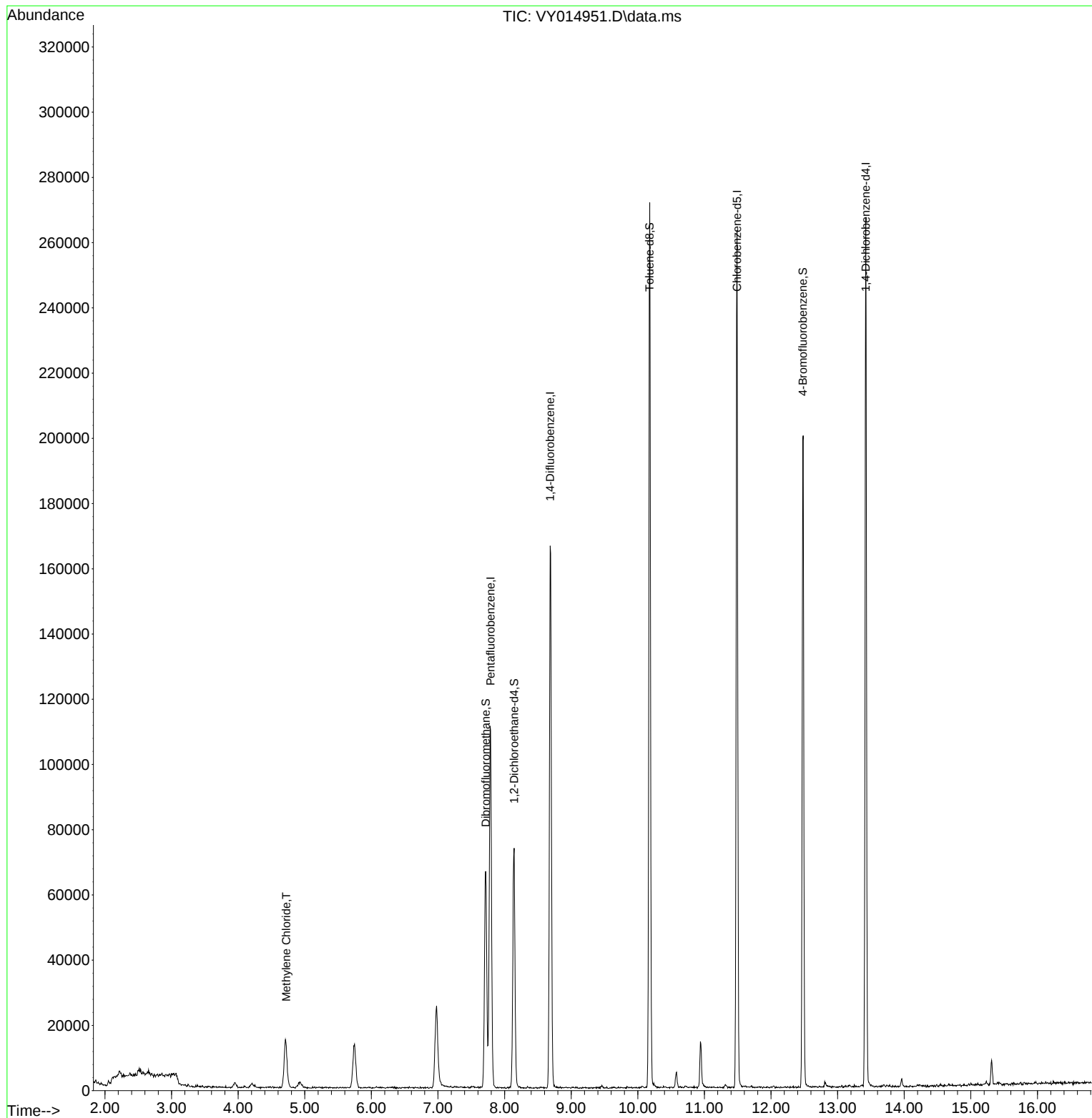
Internal Standards						
1) Pentafluorobenzene	7.789	168	87104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	150468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	66119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57707	58.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.280%
35) Dibromofluoromethane	7.716	113	47804	49.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.820%
50) Toluene-d8	10.179	98	178298	50.490	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.477	95	63984	47.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	11039	7.188	ug/l	# 79

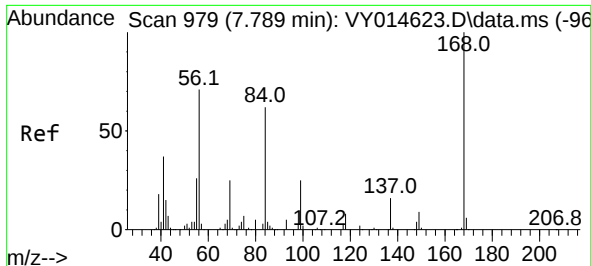
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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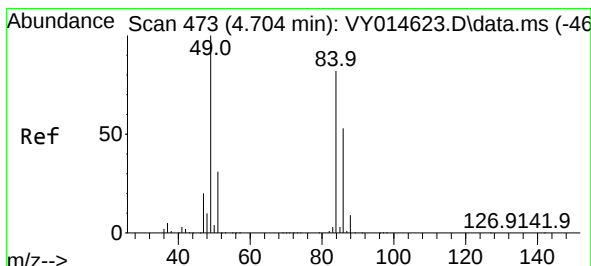
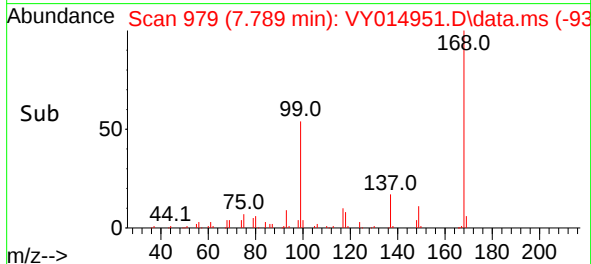
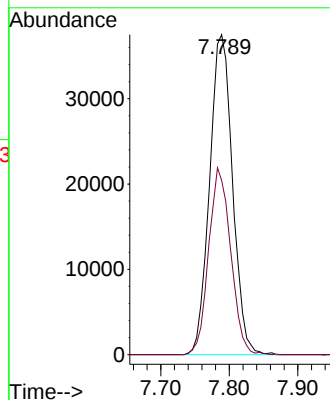
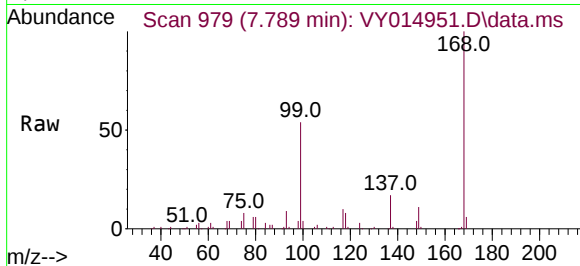




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

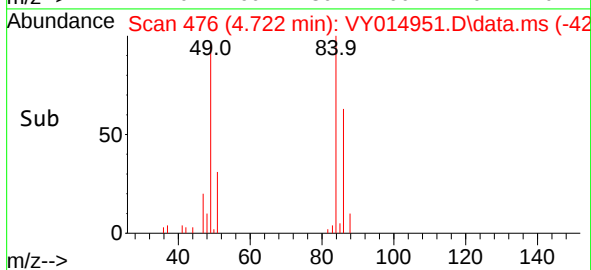
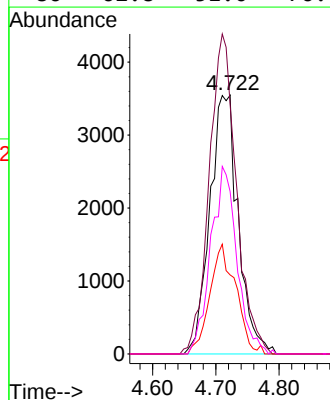
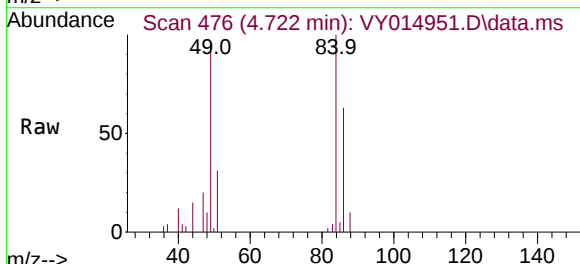
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

Tgt Ion:168 Resp: 87104
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 7.188 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 84 Resp: 11039
Ion Ratio Lower Upper
84 100
49 96.3 106.9 160.3#
51 30.6 33.2 49.8#
86 62.8 51.0 76.6

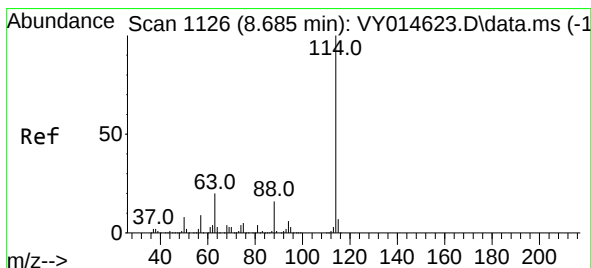
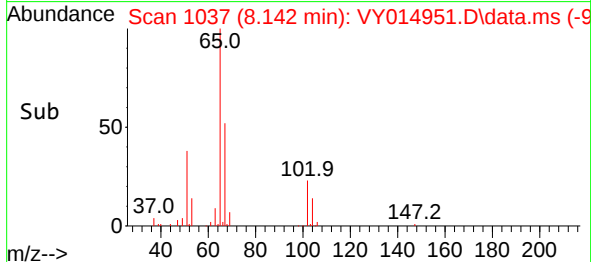
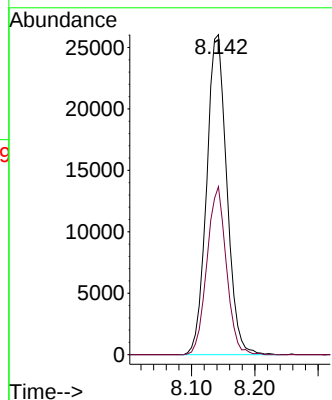
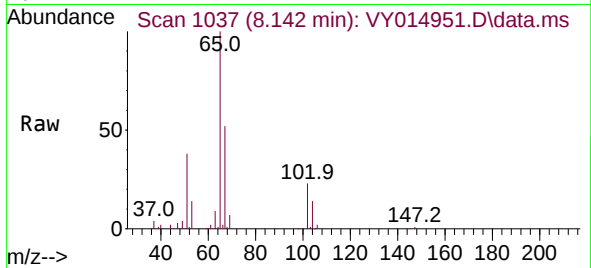




#33
1,2-Dichloroethane-d4
Concen: 58.138 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

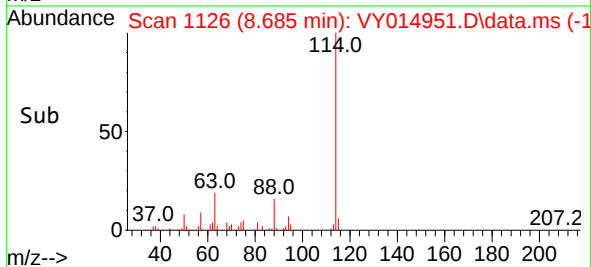
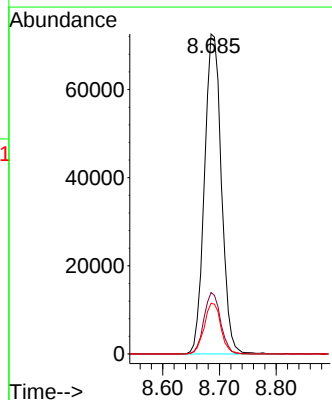
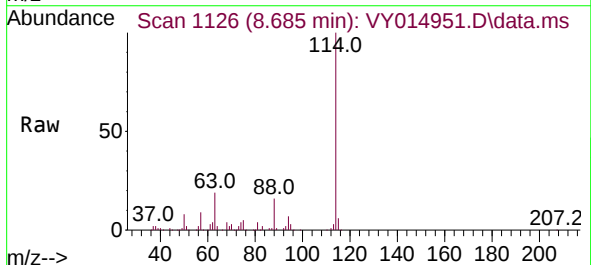
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

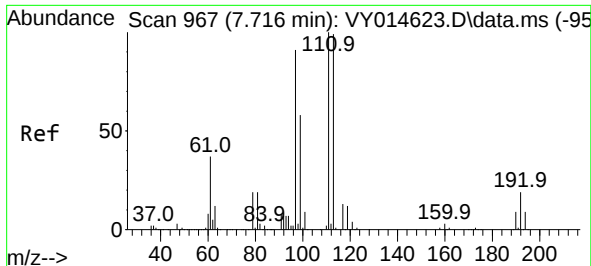
Tgt Ion: 65 Resp: 57707
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

Tgt Ion:114 Resp: 150468
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.9 0.0 30.6

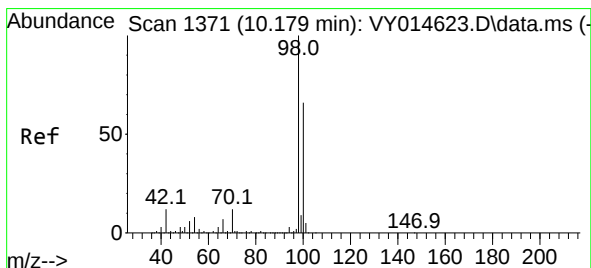
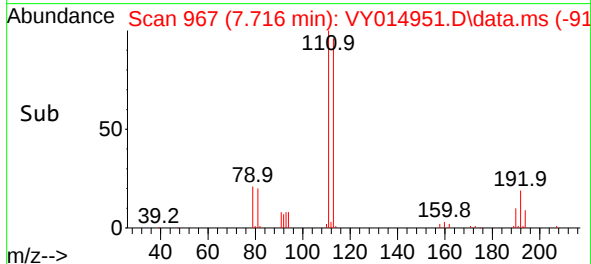
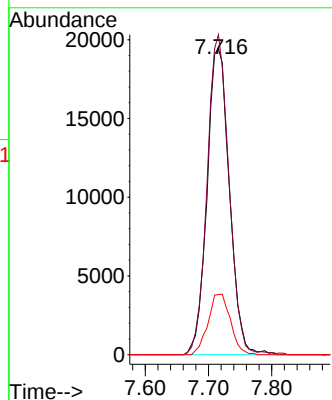
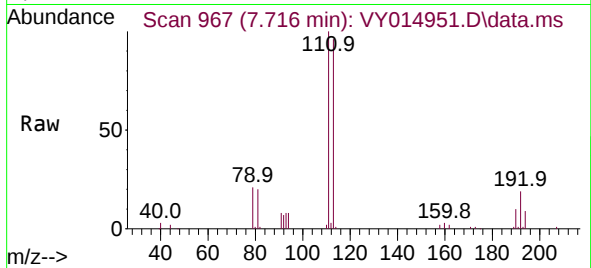




#35
Dibromofluoromethane
Concen: 49.908 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

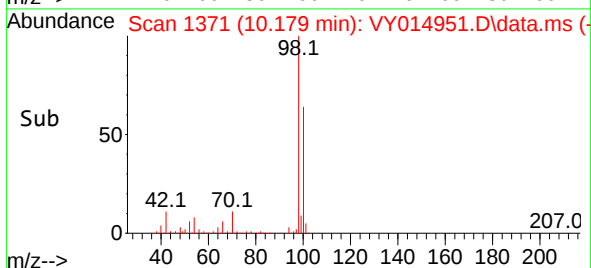
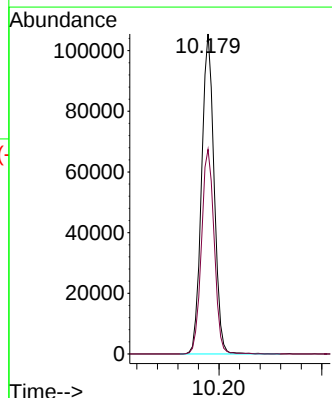
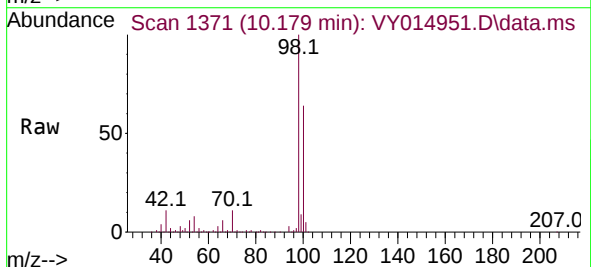
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

Tgt Ion:113 Resp: 47804
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 50.490 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

Tgt Ion: 98 Resp: 178298
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

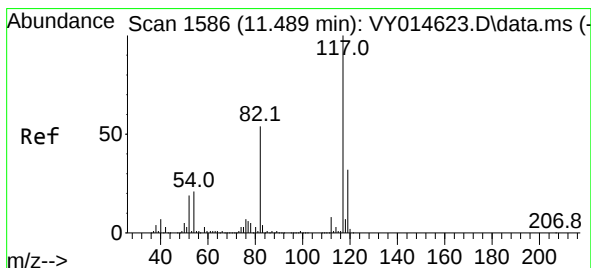
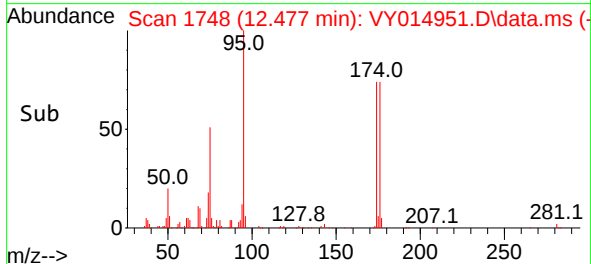
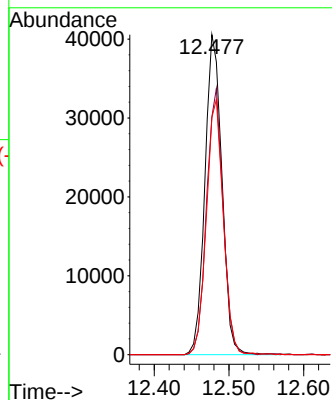
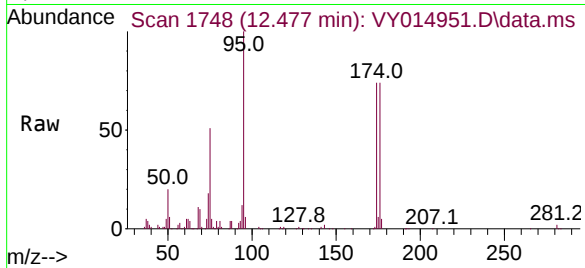




#62
4-Bromofluorobenzene
Concen: 47.253 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

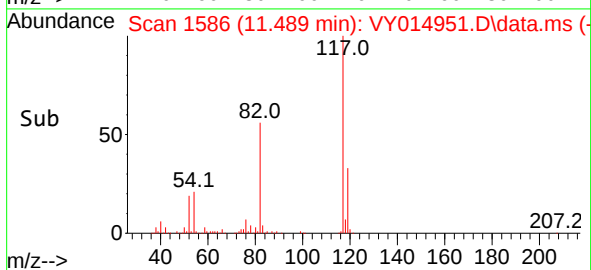
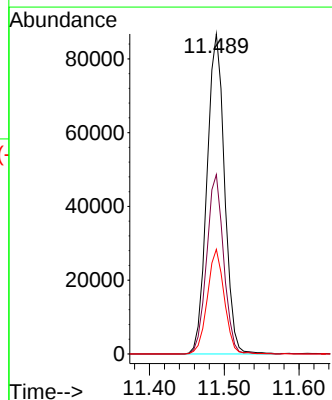
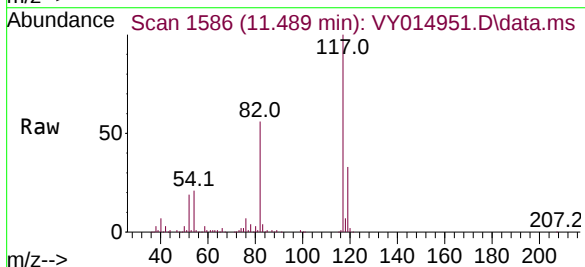
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1RE

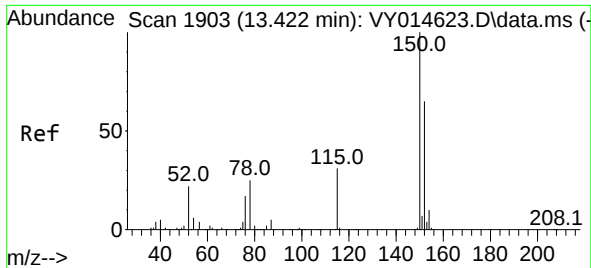
Tgt Ion: 95 Resp: 63984
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 79.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014951.D
Acq: 03 Aug 2023 16:15

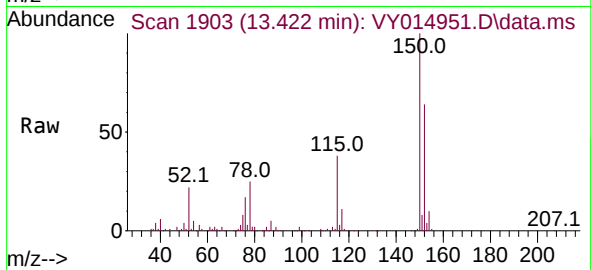
Tgt Ion: 117 Resp: 141402
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 32.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014951.D
 Acq: 03 Aug 2023 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.8	86.5
150	159.0	0.0	348.8

