

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014698.D
 Acq On : 18 Jul 2023 13:45
 Operator : SY/MD
 Sample : 03646-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 YARD-1

Quant Time: Jul 19 04:03:53 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)

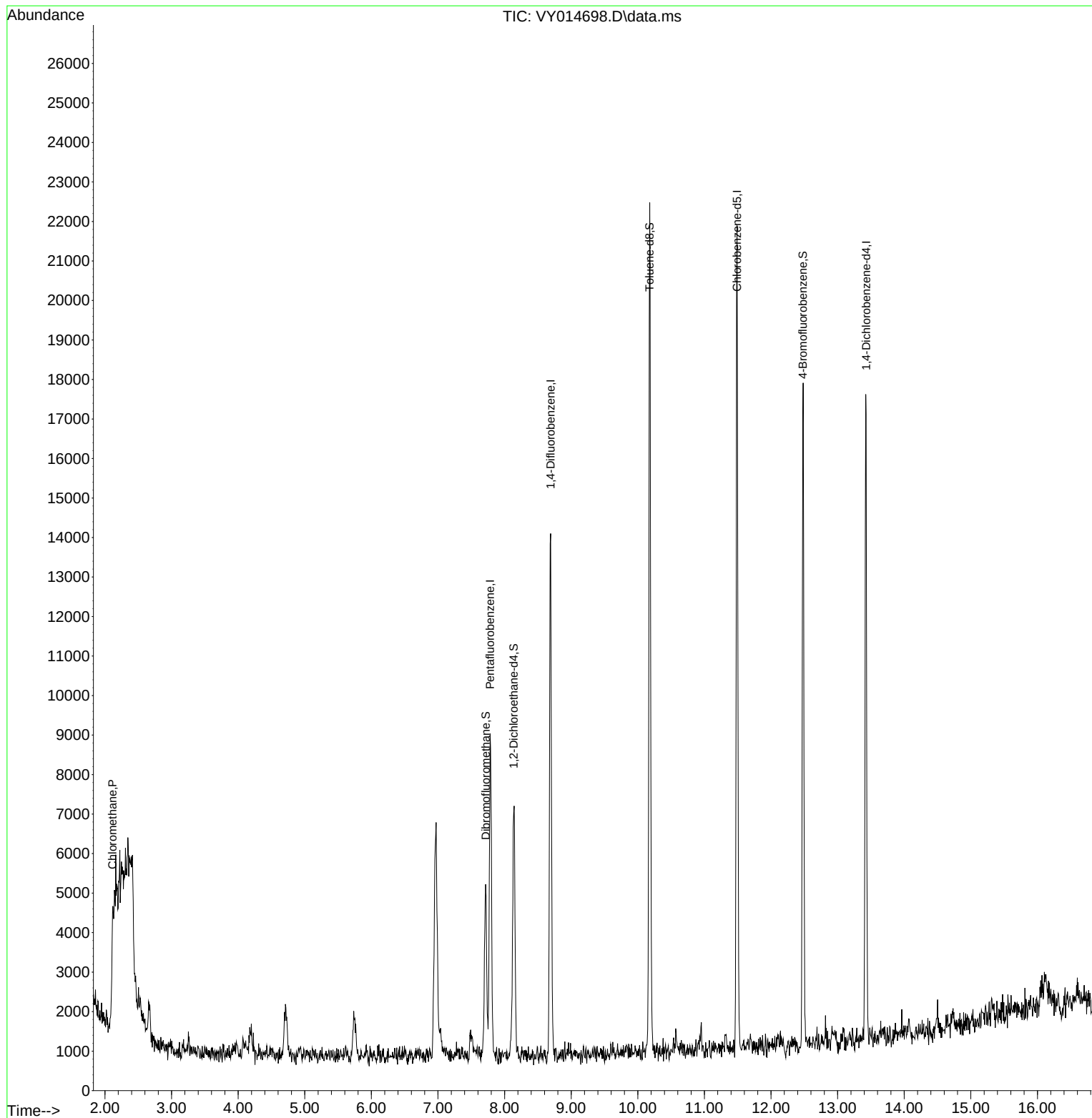
Internal Standards						
1) Pentafluorobenzene	7.783	168	6853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4905	62.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.620%
35) Dibromofluoromethane	7.716	113	3169	42.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.920%
50) Toluene-d8	10.179	98	14771	53.683	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.477	95	5246	49.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.440%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	463	7.377	ug/l	90

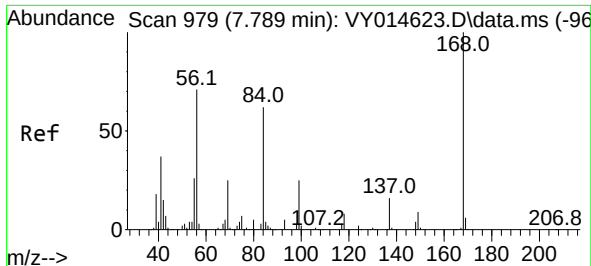
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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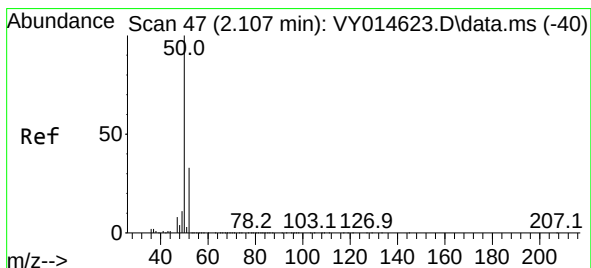
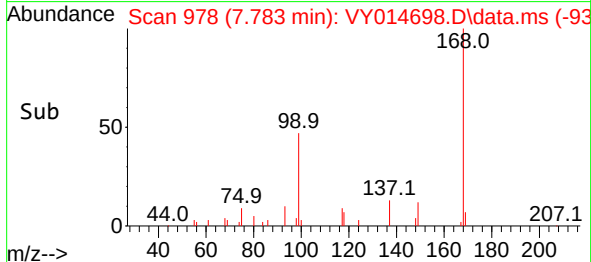
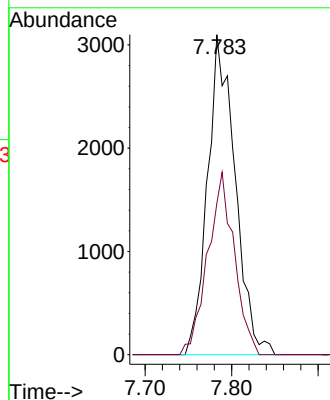
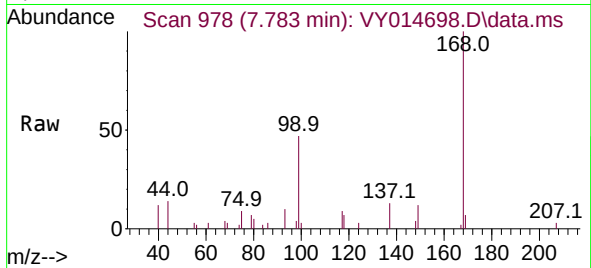




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014698.D
Acq: 18 Jul 2023 13:45

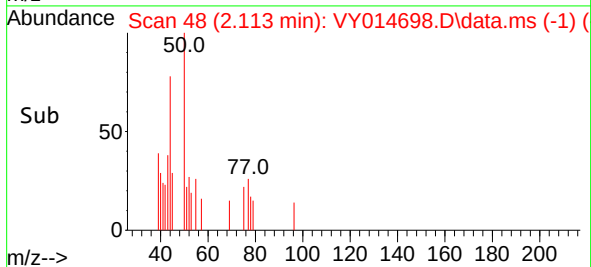
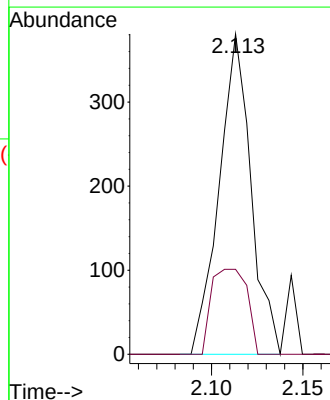
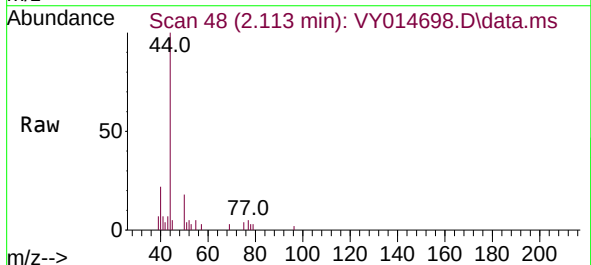
Instrument :
MSVOA_Y
ClientSampleId :
YARD-1

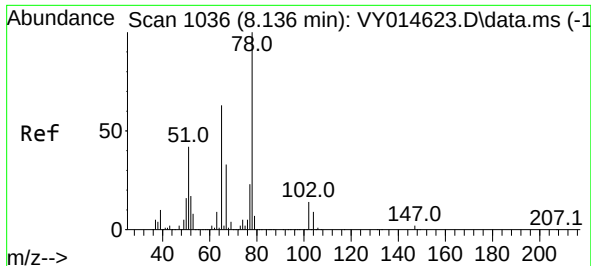
Tgt Ion:168 Resp: 6853
Ion Ratio Lower Upper
168 100
99 47.3 43.4 65.0



#3
Chloromethane
Concen: 7.377 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014698.D
Acq: 18 Jul 2023 13:45

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 26.5 25.4 38.2

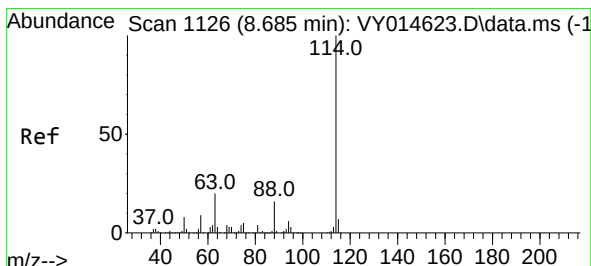
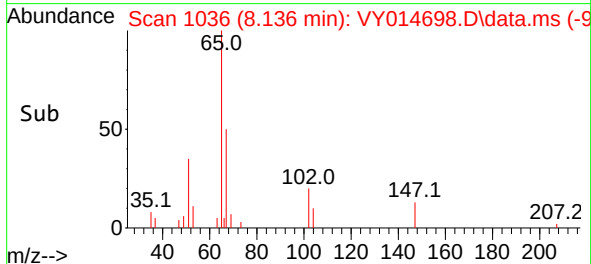
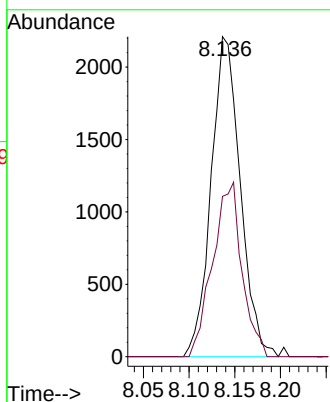
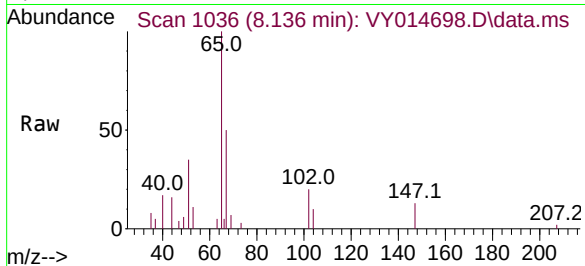




#33
 1,2-Dichloroethane-d4
 Concen: 62.810 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014698.D
 Acq: 18 Jul 2023 13:45

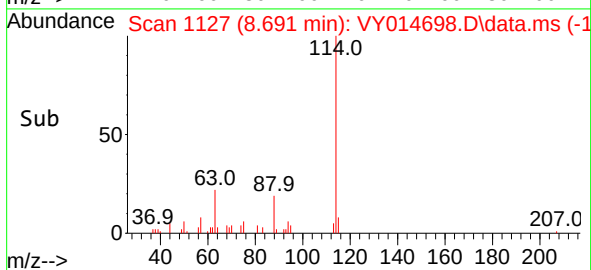
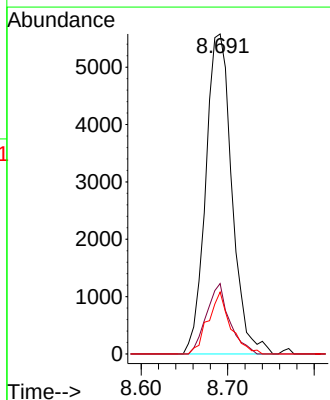
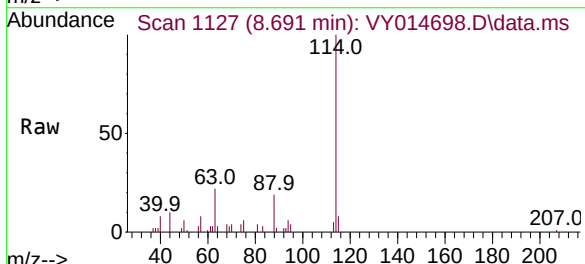
Instrument :
 MSVOA_Y
 ClientSampleId :
 YARD-1

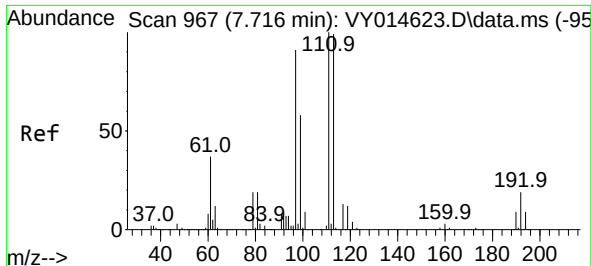
Tgt Ion: 65 Resp: 4905
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014698.D
 Acq: 18 Jul 2023 13:45

Tgt Ion: 114 Resp: 11724
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 19.3 0.0 30.6

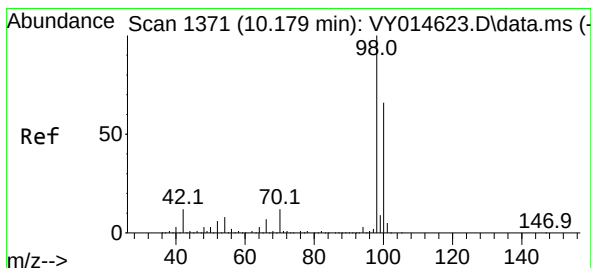
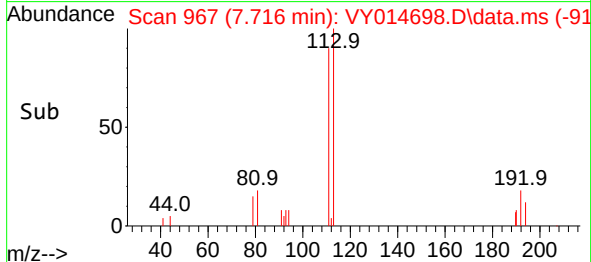
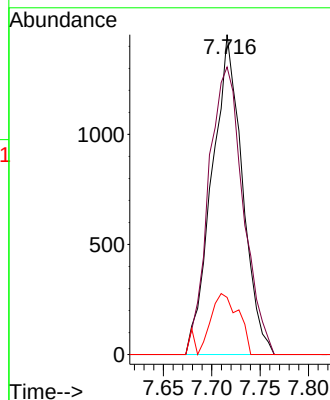
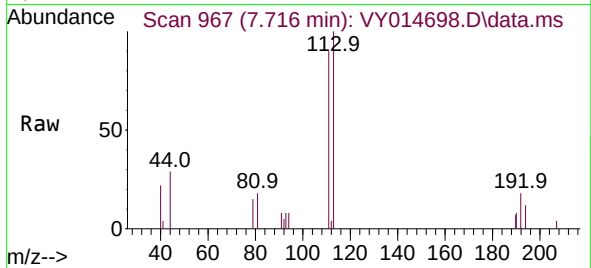




#35
Dibromofluoromethane
Concen: 42.462 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014698.D
Acq: 18 Jul 2023 13:45

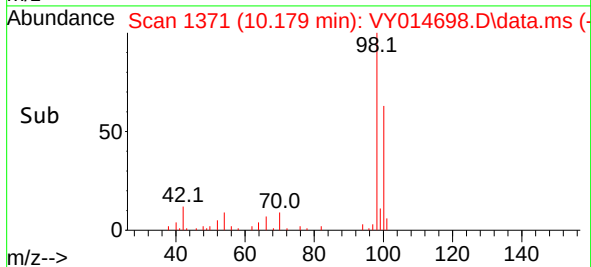
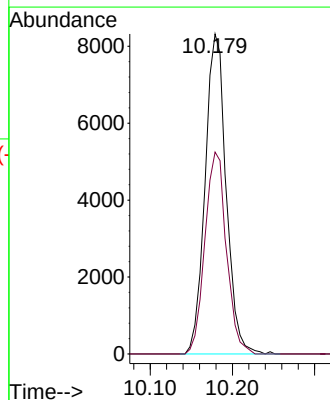
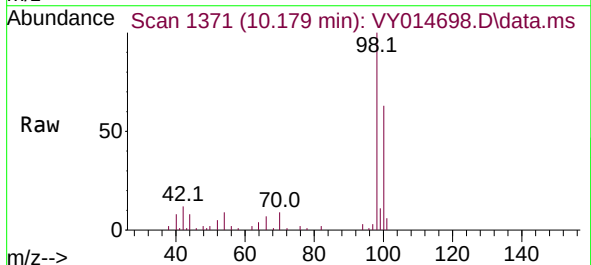
Instrument :
MSVOA_Y
ClientSampleId :
YARD-1

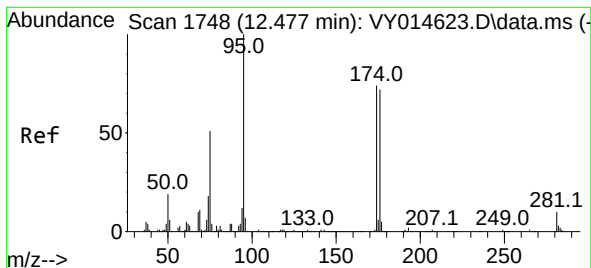
Tgt Ion:113 Resp: 3169
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 17.3 16.9 25.3



#50
Toluene-d8
Concen: 53.683 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014698.D
Acq: 18 Jul 2023 13:45

Tgt Ion: 98 Resp: 14771
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

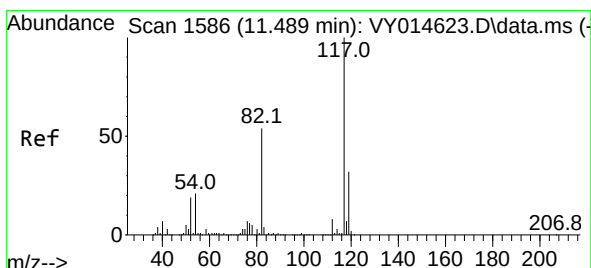
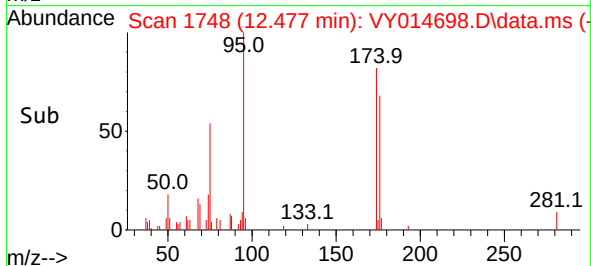
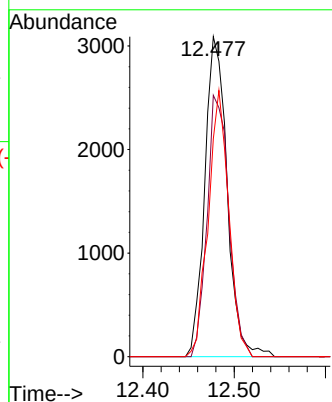
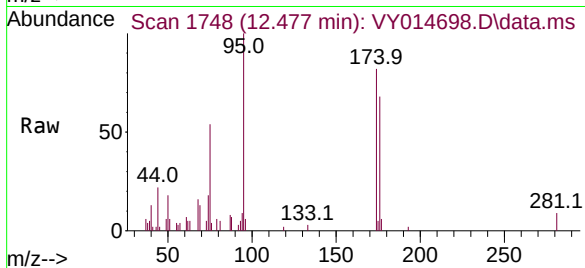




#62
4-Bromofluorobenzene
Concen: 49.723 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014698.D
Acq: 18 Jul 2023 13:45

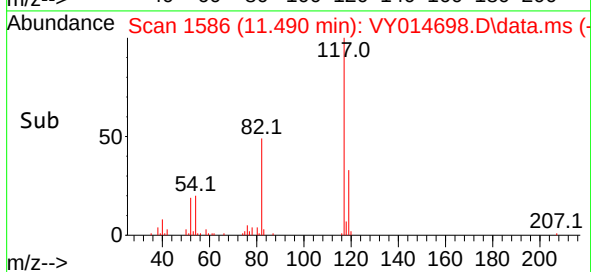
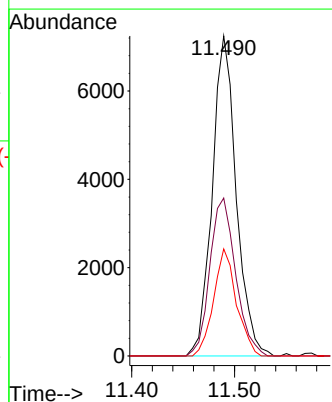
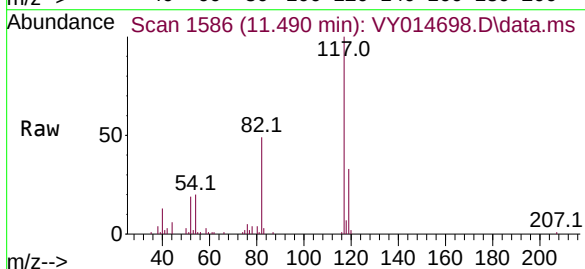
Instrument :
MSVOA_Y
ClientSampleId :
YARD-1

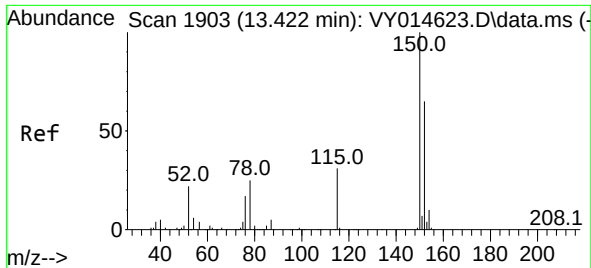
Tgt Ion: 95 Resp: 5246
Ion Ratio Lower Upper
95 100
174 79.5 0.0 178.2
176 76.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014698.D
Acq: 18 Jul 2023 13:45

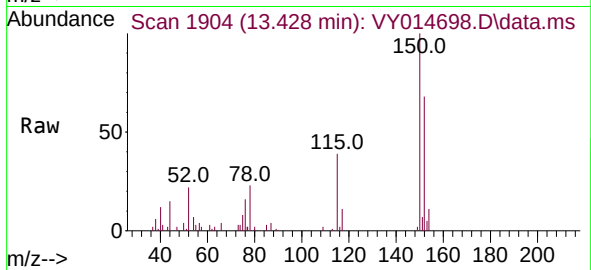
Tgt Ion: 117 Resp: 11741
Ion Ratio Lower Upper
117 100
82 49.3 43.4 65.0
119 33.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014698.D
 Acq: 18 Jul 2023 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 YARD-1



Tgt Ion:	152	Resp:	4545
Ion	Ratio	Lower	Upper
152	100		
115	62.9	28.8	86.5
150	148.1	0.0	348.8

