

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083123\
 Data File : VY015402.D
 Acq On : 31 Aug 2023 14:38
 Operator : SY/MD
 Sample : 04243-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 002

Quant Time: Sep 01 00:47:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

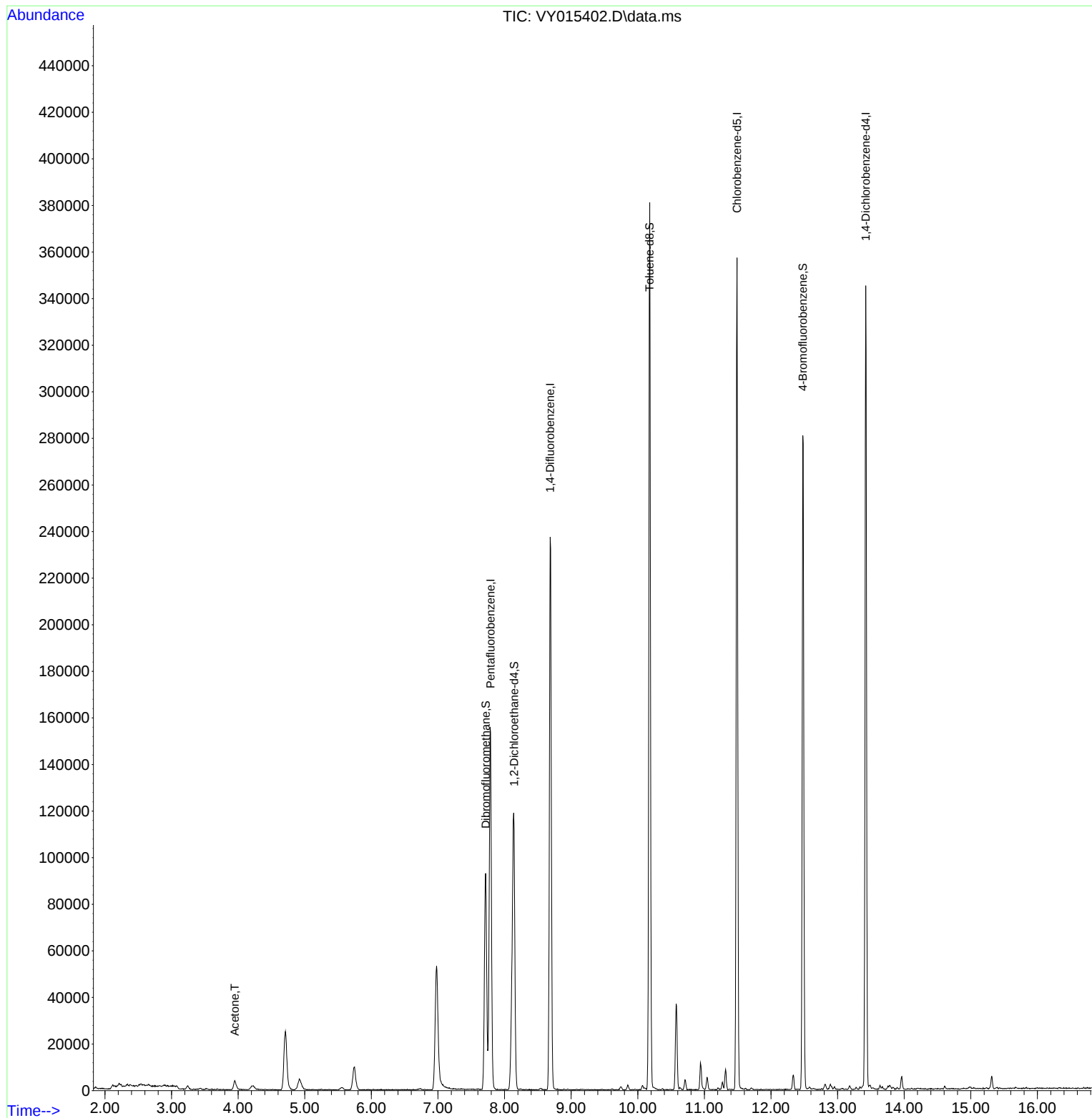
Internal Standards						
1) Pentafluorobenzene	7.789	168	120150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	205202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80271	62.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.640%	
35) Dibromofluoromethane	7.716	113	65761	55.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.179	98	242939	56.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.520%	
62) 4-Bromofluorobenzene	12.477	95	80050	50.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.760%	
Target Compounds						
16) Acetone	3.948	43	6857	12.755	ug/l	Qvalue 98

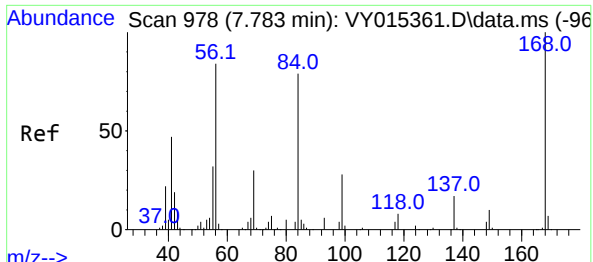
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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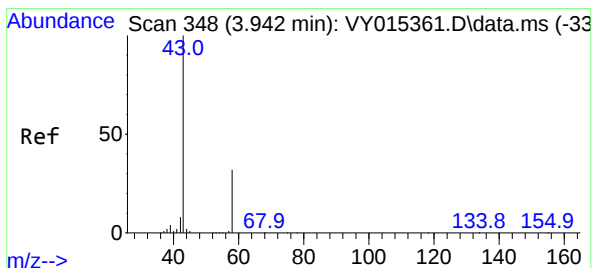
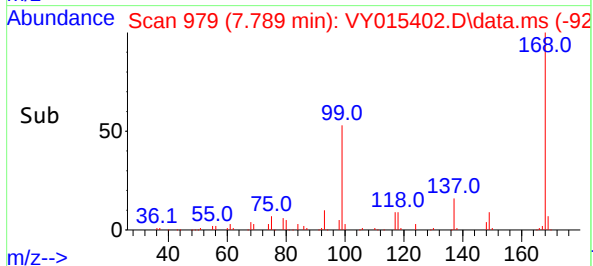
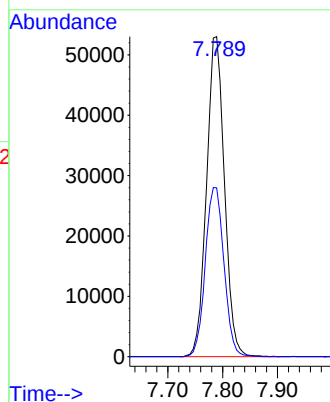
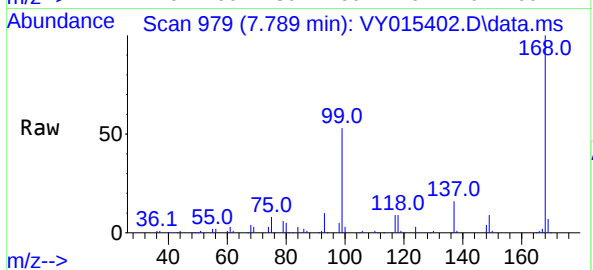




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

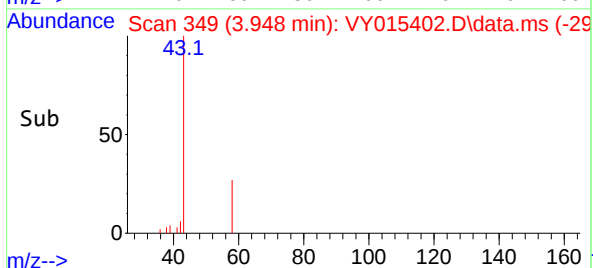
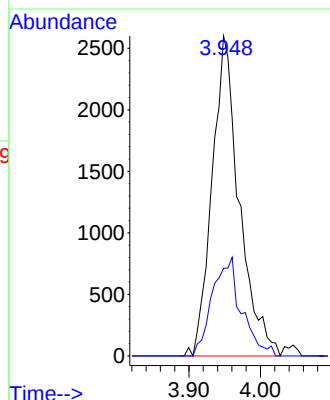
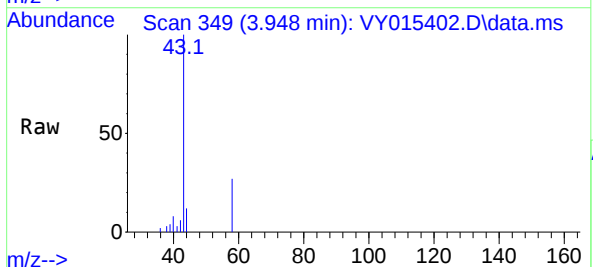
Instrument :
MSVOA_Y
ClientSampleId :
002

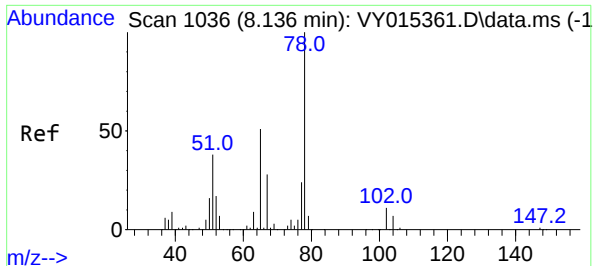
Tgt Ion:168 Resp: 120150
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#16
Acetone
Concen: 12.755 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 43 Resp: 6857
Ion Ratio Lower Upper
43 100
58 27.4 22.7 34.1

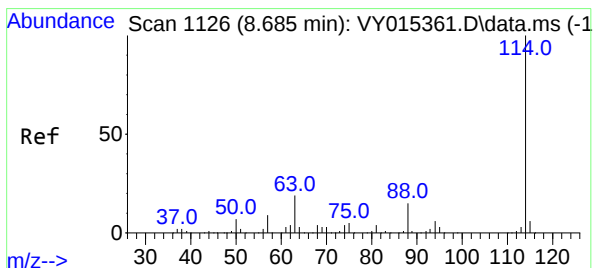
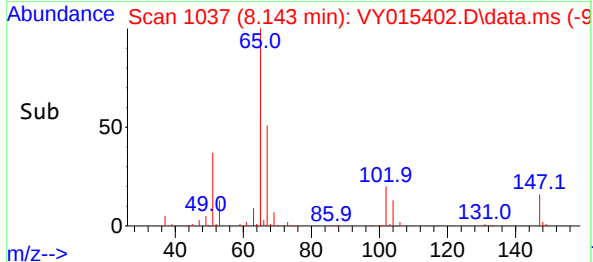
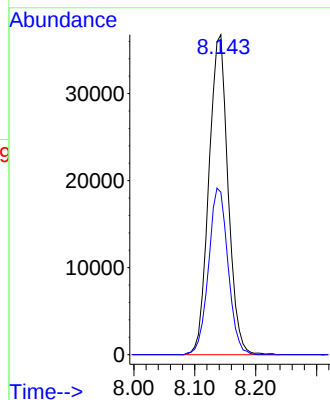
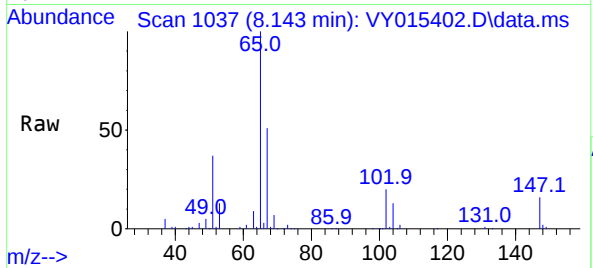




#33
1,2-Dichloroethane-d4
Concen: 62.323 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

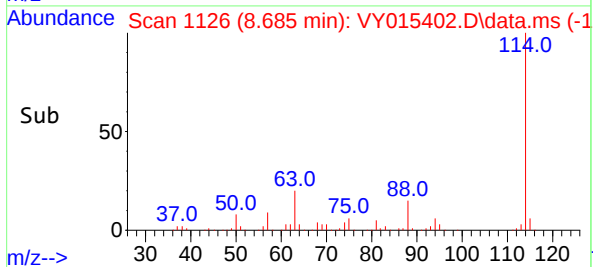
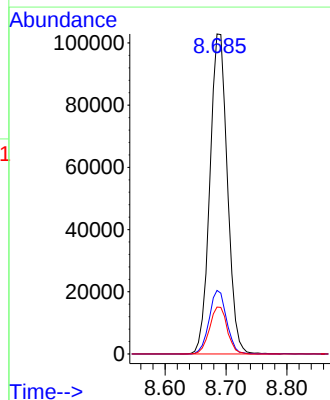
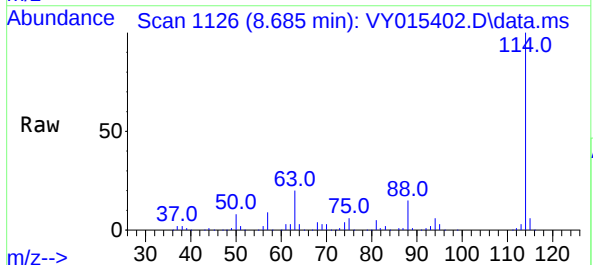
Instrument :
MSVOA_Y
ClientSampleId :
002

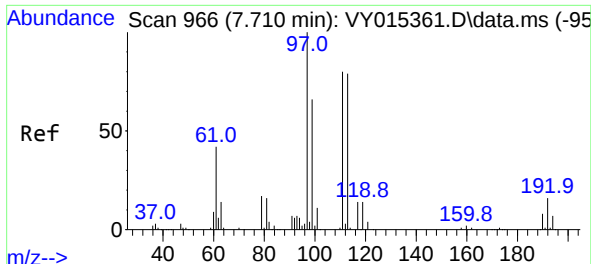
Tgt Ion: 65 Resp: 80271
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 114 Resp: 205202
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 14.6 0.0 30.6

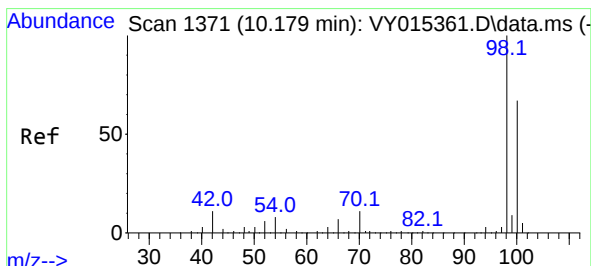
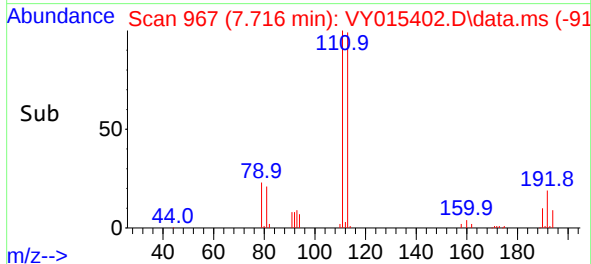
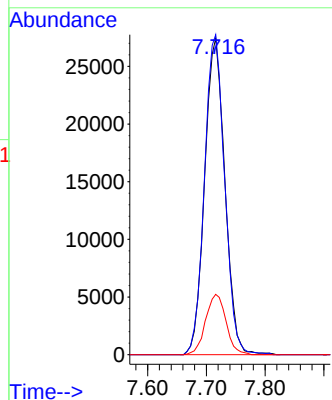
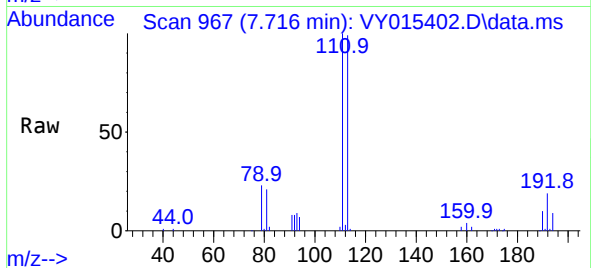




#35
Dibromofluoromethane
Concen: 55.639 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

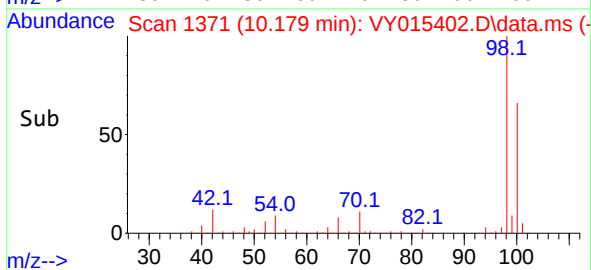
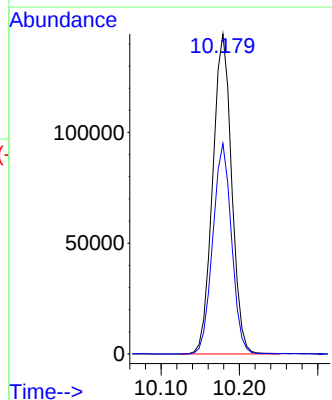
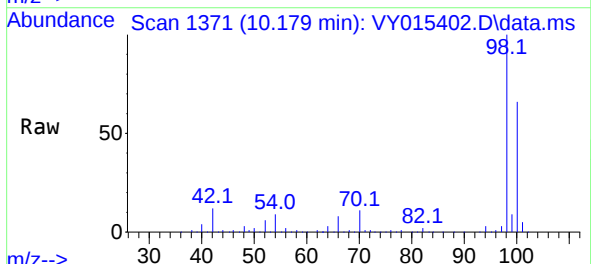
Instrument :
MSVOA_Y
ClientSampleId :
002

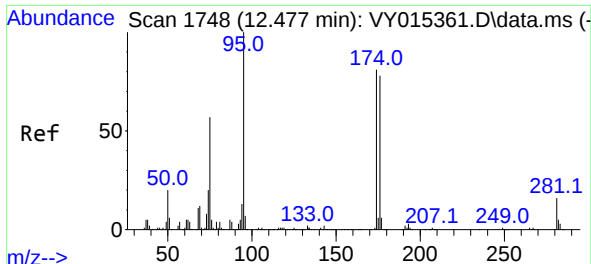
Tgt Ion:113 Resp: 65761
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 56.759 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

Tgt Ion: 98 Resp: 242939
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

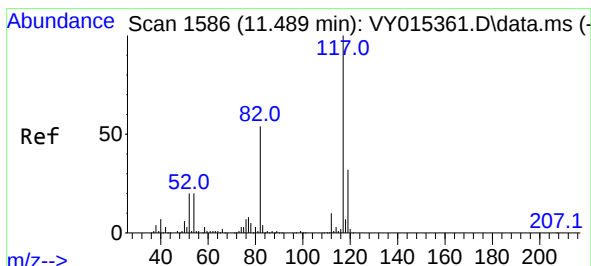
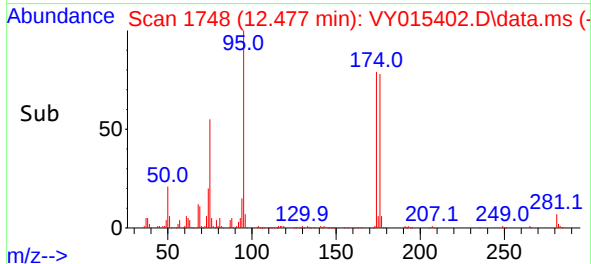
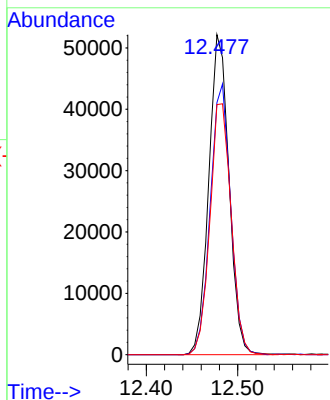
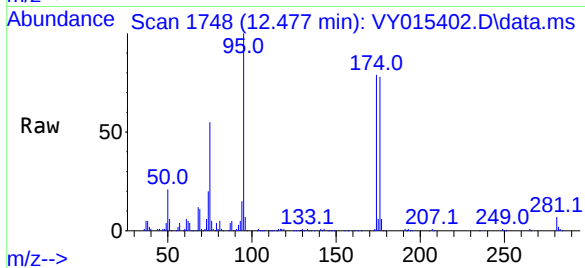




#62
4-Bromofluorobenzene
Concen: 50.379 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

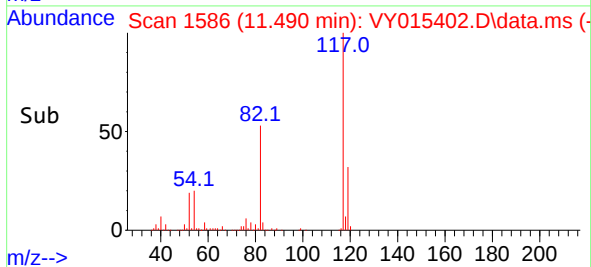
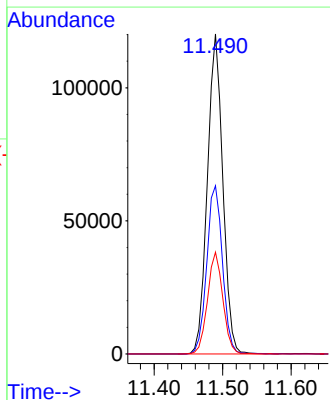
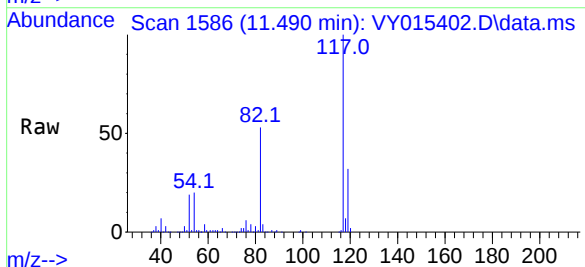
Instrument :
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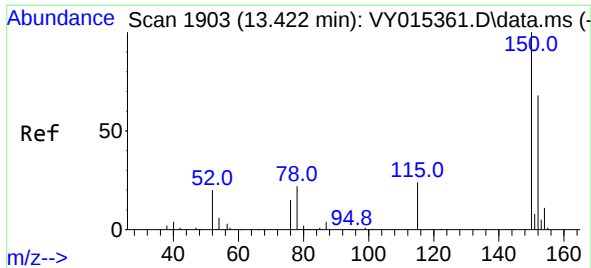
Tgt Ion:	95	Resp:	80050
Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	178.2
176	82.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015402.D
Acq: 31 Aug 2023 14:38

Tgt Ion:	117	Resp:	188269
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.4	65.0
119	31.8	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: VY015402.D
 Acq: 31 Aug 2023 14:38

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	88327
Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.8	86.5
150	157.4	0.0	348.8

