

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015079.D
 Acq On : 14 Aug 2023 15:12
 Operator : SY/MD
 Sample : 03971-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP02A

Quant Time: Aug 14 15:41:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

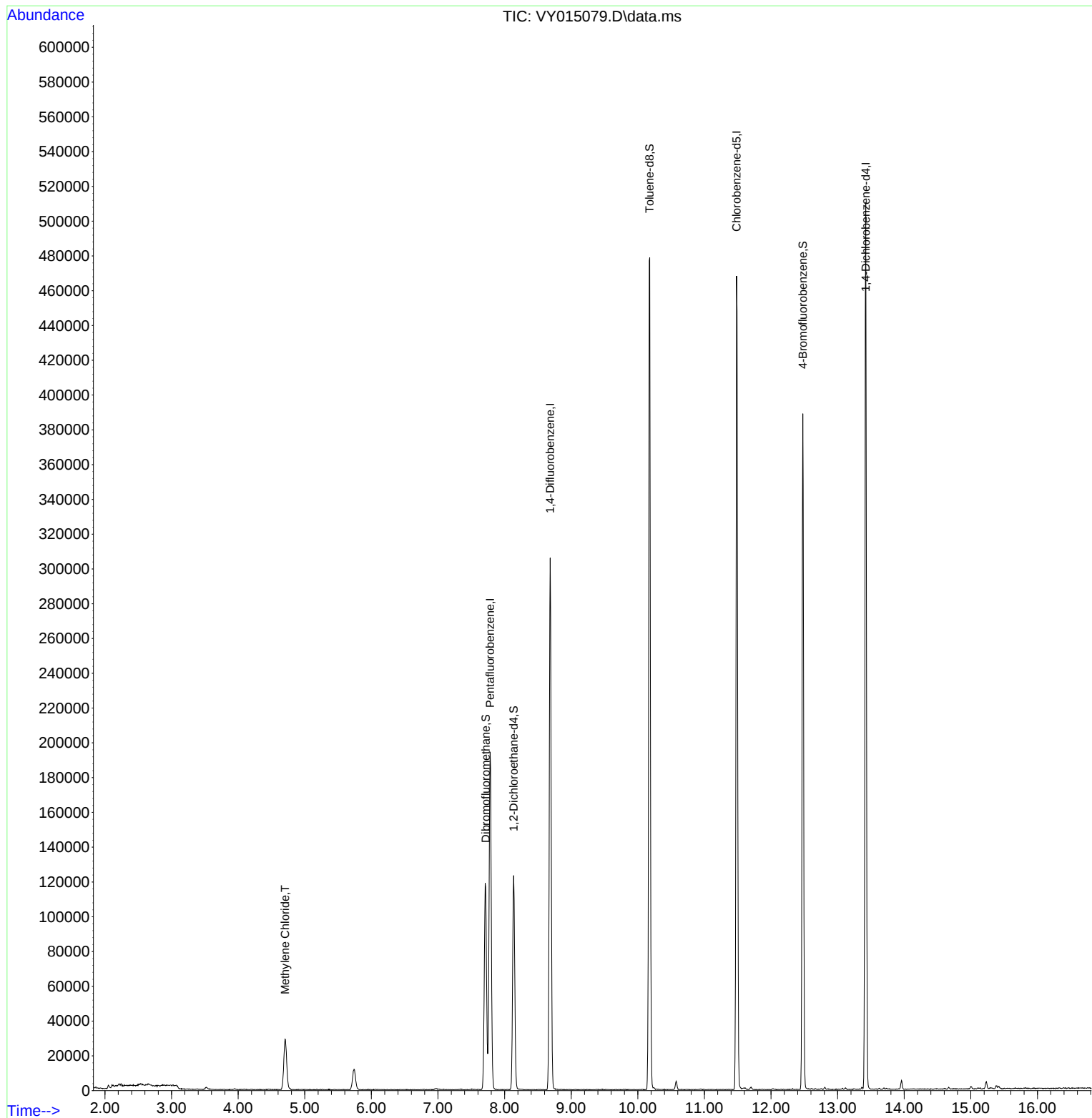
Internal Standards						
1) Pentafluorobenzene	7.783	168	152331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	264129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	254184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97208	53.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.320%	
35) Dibromofluoromethane	7.716	113	83616	49.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.420%	
50) Toluene-d8	10.179	98	314556	49.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.477	95	117367	50.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.600%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	21913	12.017	ug/l	90

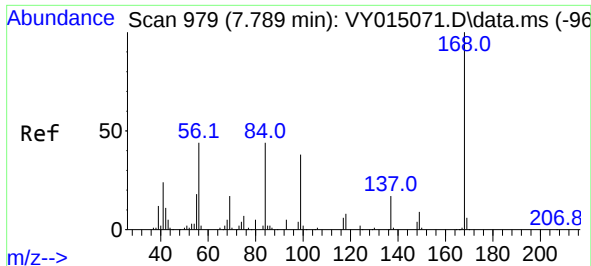
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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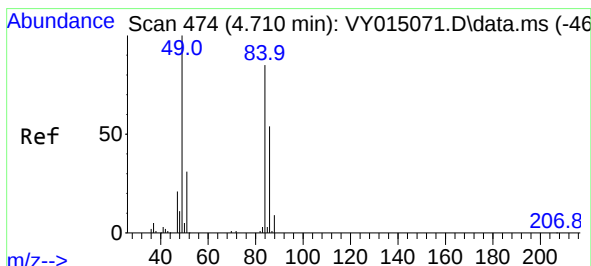
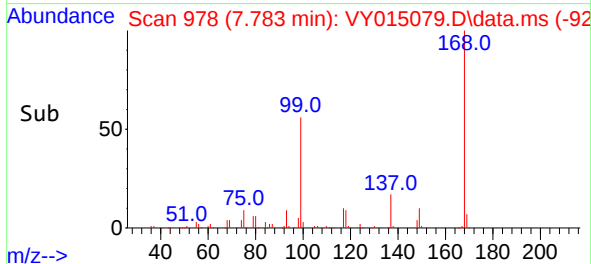
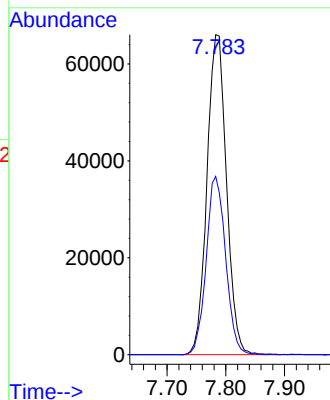
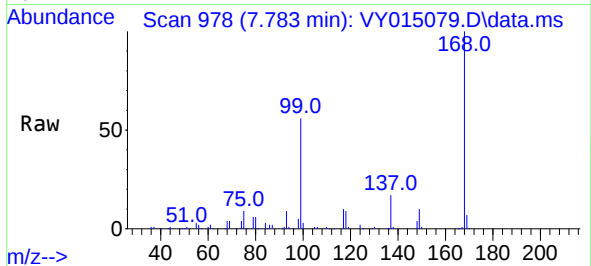




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

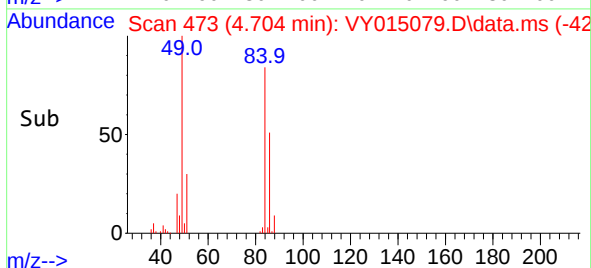
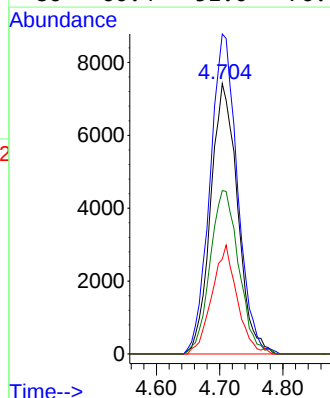
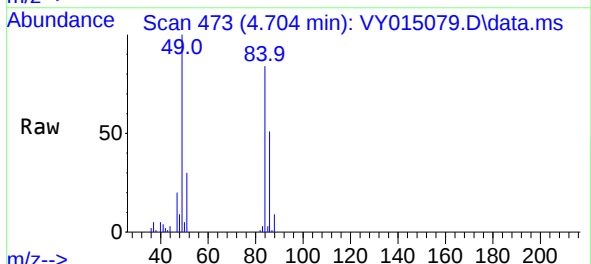
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

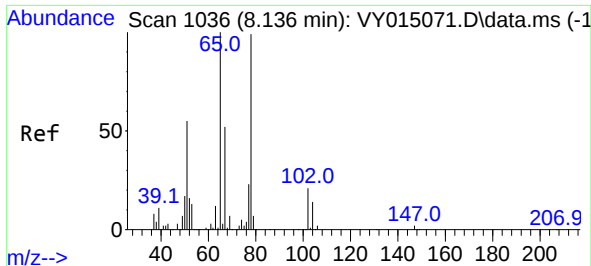
Tgt Ion:168 Resp: 152331
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#20
Methylene Chloride
Concen: 12.017 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 84 Resp: 21913
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 35.1 33.2 49.8
86 60.4 51.0 76.6

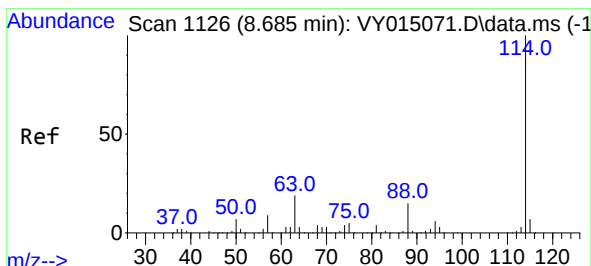
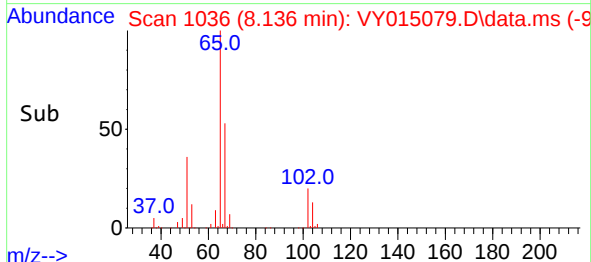
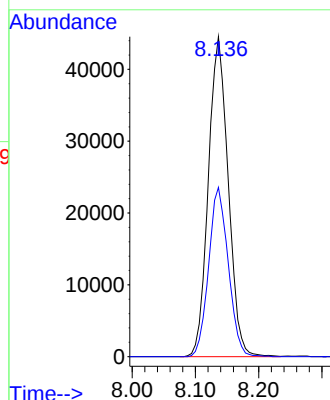
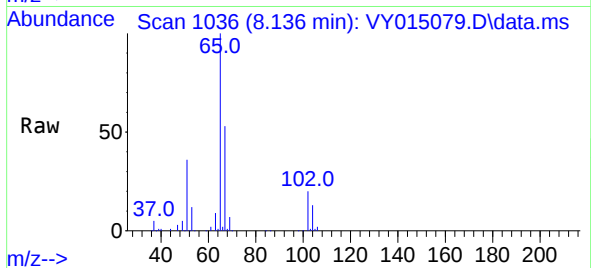




#33
1,2-Dichloroethane-d4
Concen: 53.160 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

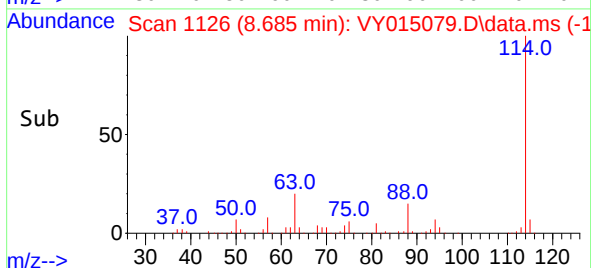
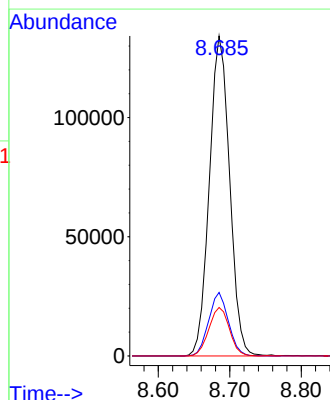
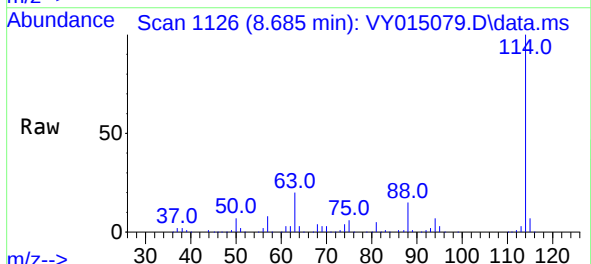
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

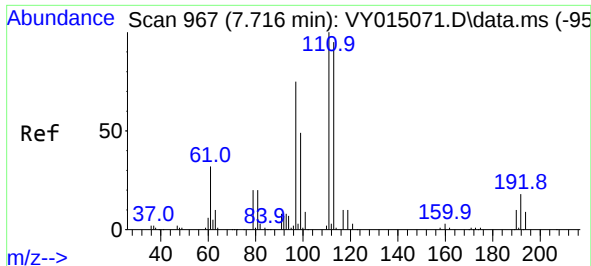
Tgt Ion: 65 Resp: 97208
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 114 Resp: 264129
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.1 0.0 30.6

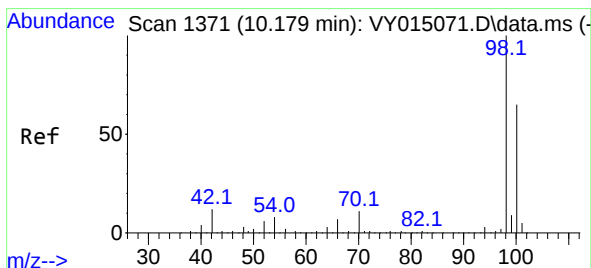
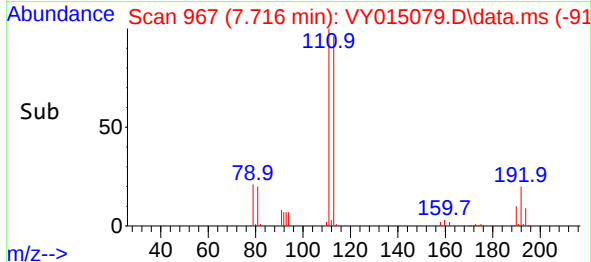
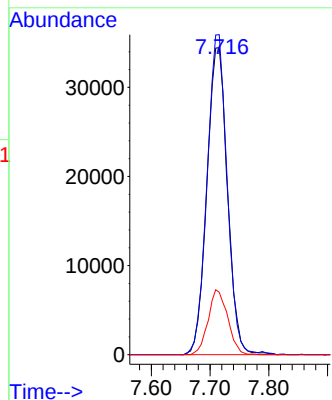
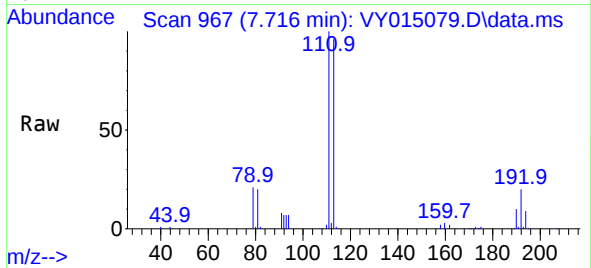




#35
Dibromofluoromethane
Concen: 49.208 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

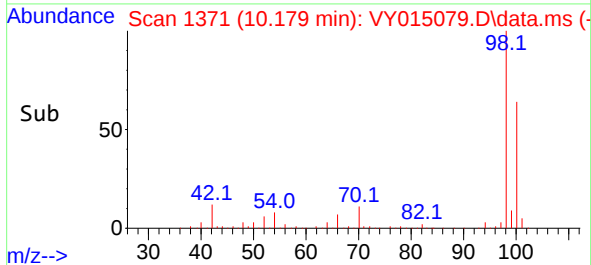
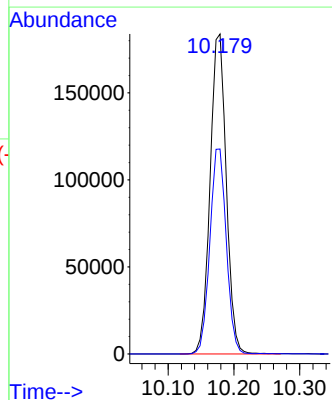
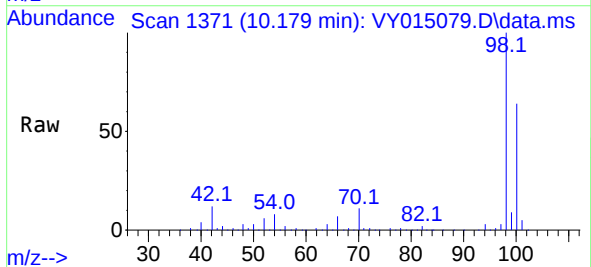
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

Tgt Ion:113 Resp: 83616
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 49.728 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 98 Resp: 314556
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

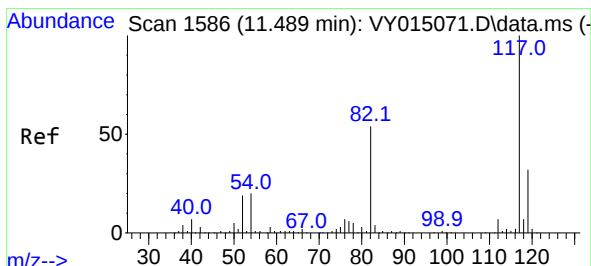
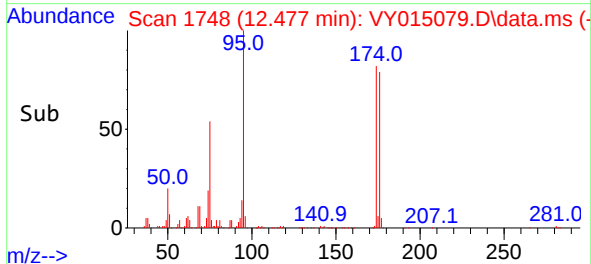
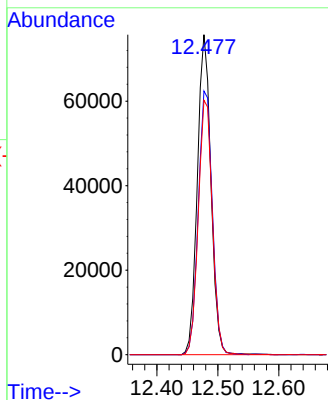
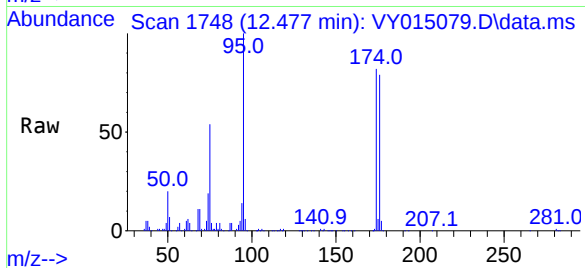




#62
4-Bromofluorobenzene
Concen: 50.800 ug/l
RT: 12.477 min Scan# 117367
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

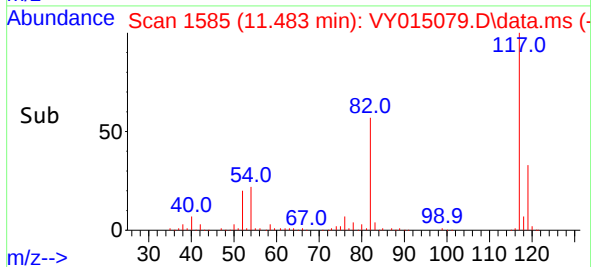
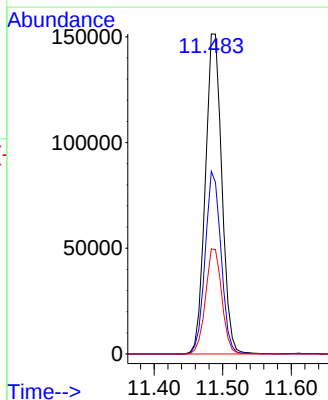
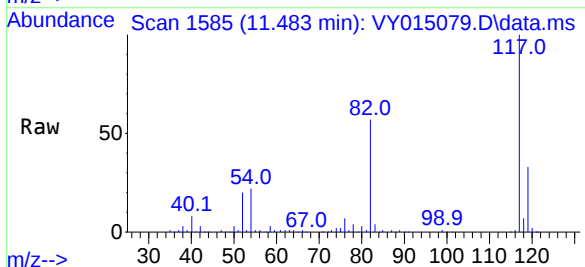
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

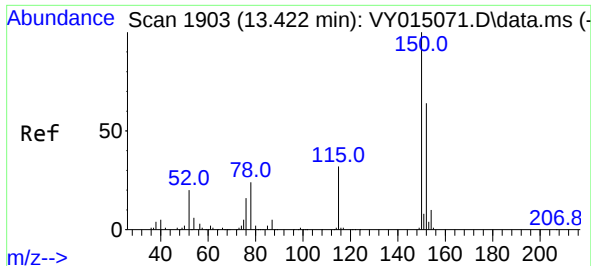
Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	178.2
176	82.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

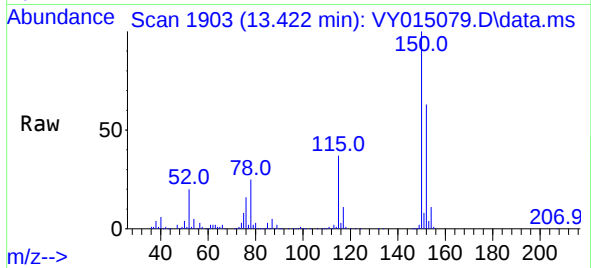
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.4	65.0
119	32.8	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015079.D
 Acq: 14 Aug 2023 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP02A



Tgt Ion:152 Resp: 126960
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.8 86.5
 150 157.6 0.0 348.8

