

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015112.D
 Acq On : 15 Aug 2023 18:40
 Operator : SY/MD
 Sample : 04016-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP15B

Quant Time: Aug 16 02:08:10 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)

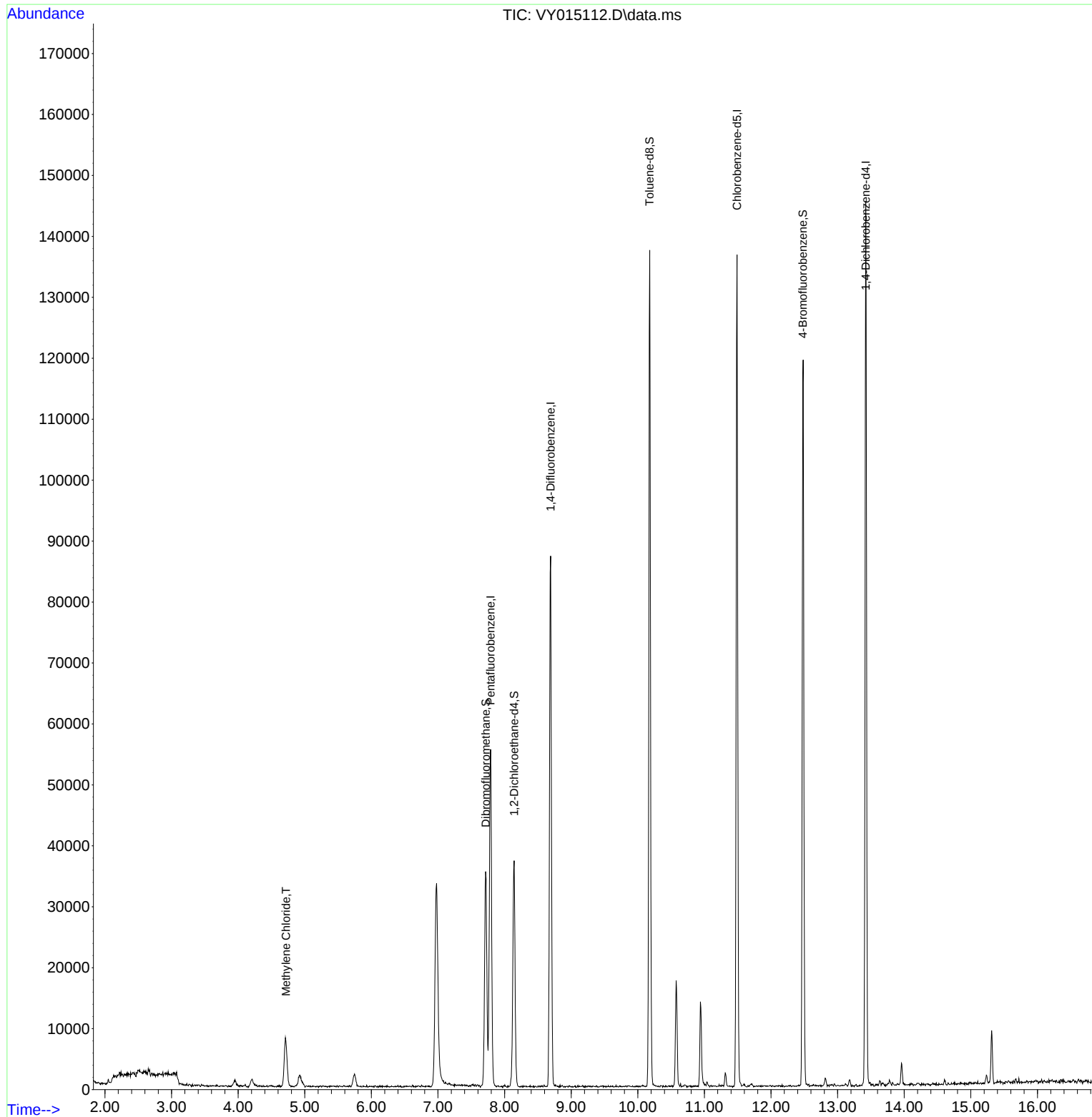
Internal Standards						
1) Pentafluorobenzene	7.789	168	44986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	76523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	74162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29148	53.976	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.960%		
35) Dibromofluoromethane	7.716	113	24539	49.846	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 99.700%		
50) Toluene-d8	10.179	98	89235	48.693	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 97.380%		
62) 4-Bromofluorobenzene	12.477	95	33869	50.599	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 101.200%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	5963	10.702	ug/l	# 82

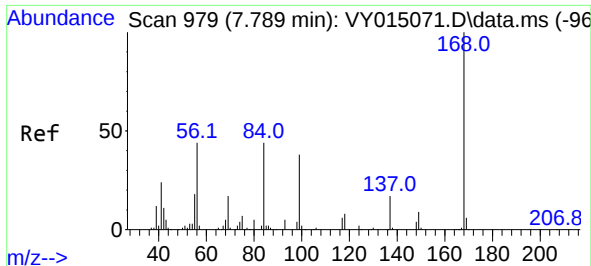
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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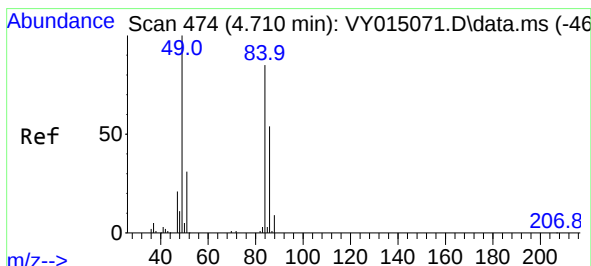
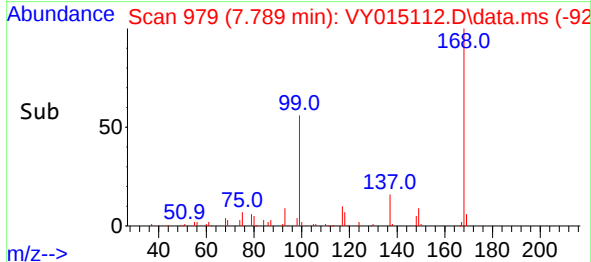
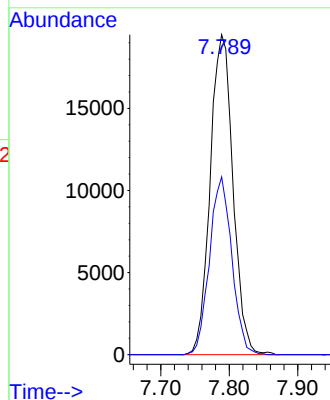
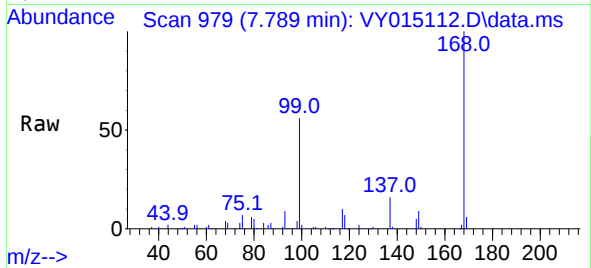




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015112.D
Acq: 15 Aug 2023 18:40

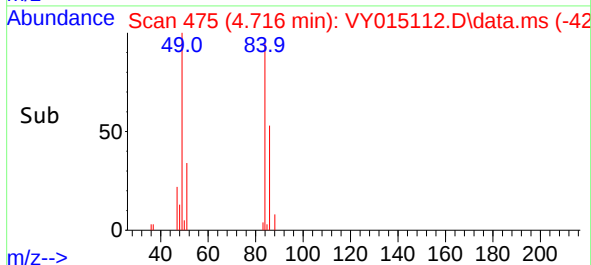
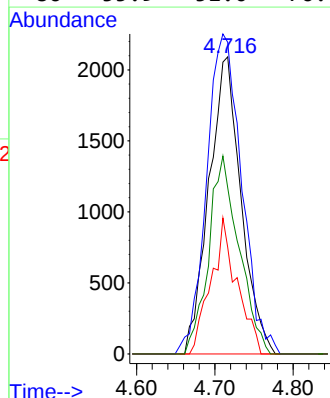
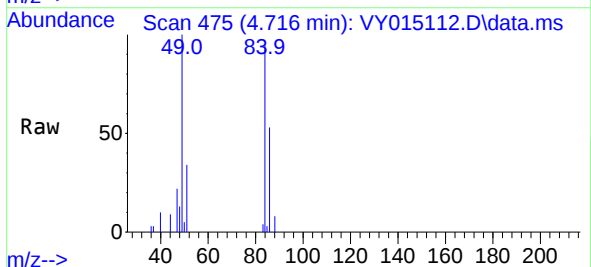
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15B

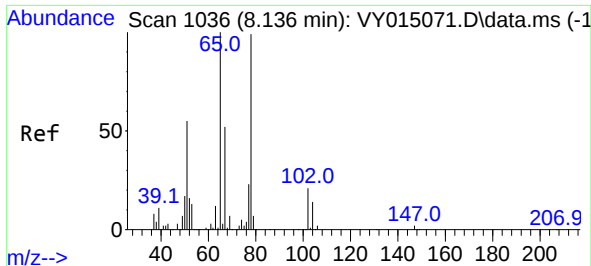
Tgt Ion:168 Resp: 44986
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#20
Methylene Chloride
Concen: 10.702 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015112.D
Acq: 15 Aug 2023 18:40

Tgt Ion: 84 Resp: 5963
Ion Ratio Lower Upper
84 100
49 104.9 106.9 160.3#
51 35.9 33.2 49.8
86 55.9 51.0 76.6

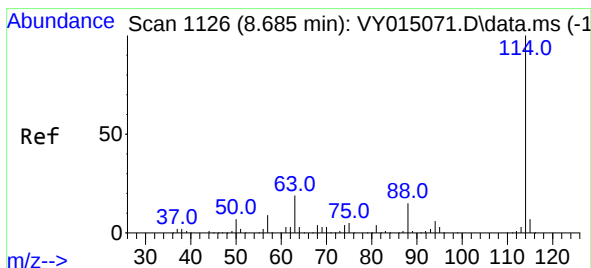
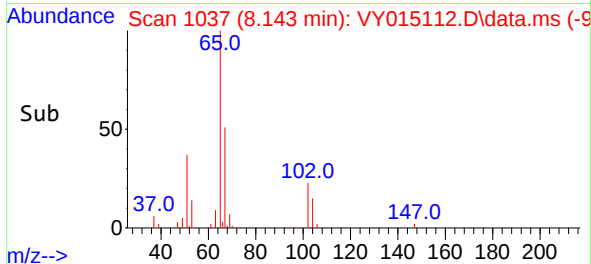
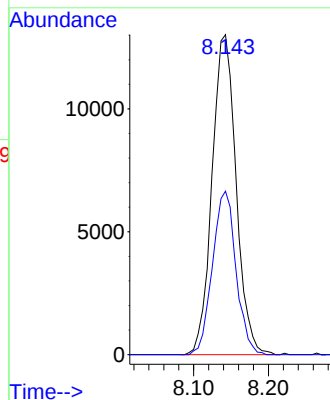
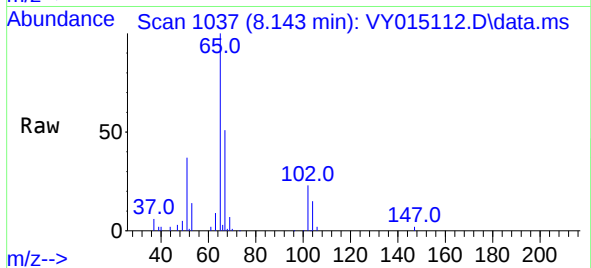




#33
1,2-Dichloroethane-d4
Concen: 53.976 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015112.D
Acq: 15 Aug 2023 18:40

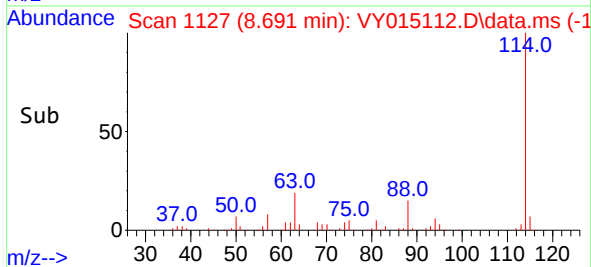
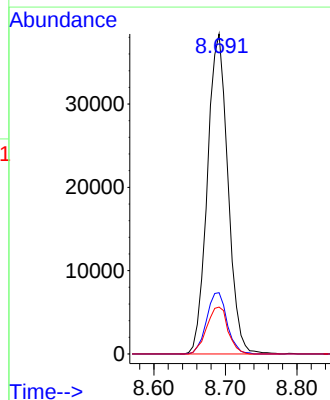
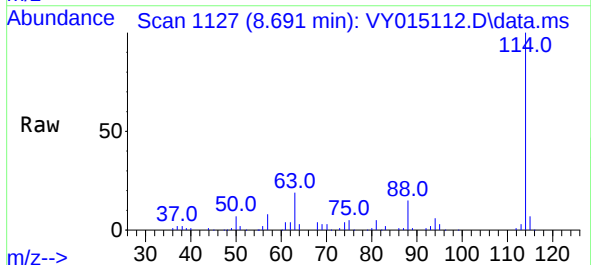
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15B

Tgt Ion: 65 Resp: 29148
Ion Ratio Lower Upper
65 100
67 49.9 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: VY015112.D
Acq: 15 Aug 2023 18:40

Tgt Ion: 114 Resp: 76523
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.7 0.0 30.6

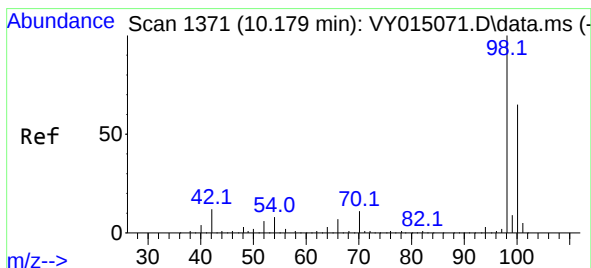
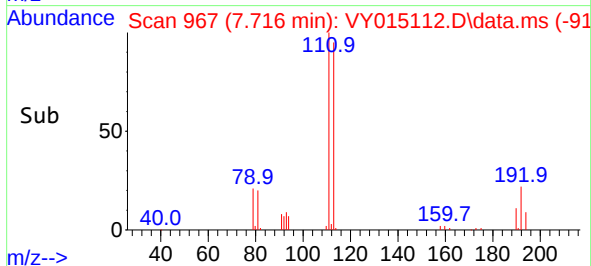
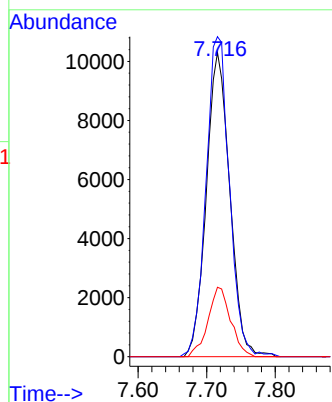
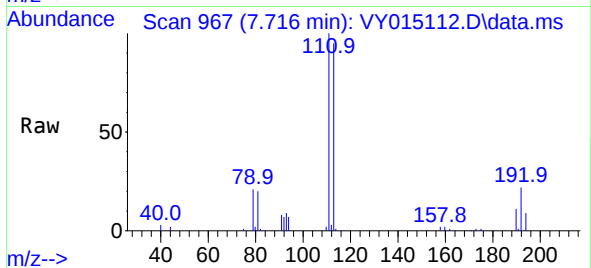




#35
Dibromofluoromethane
Concen: 49.846 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015112.D
Acq: 15 Aug 2023 18:40

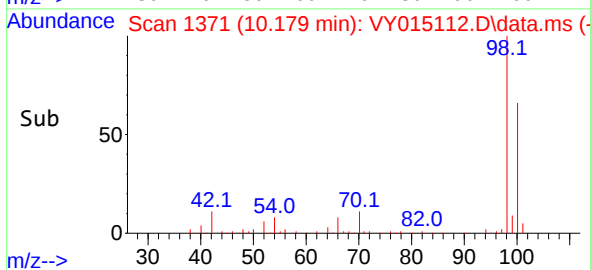
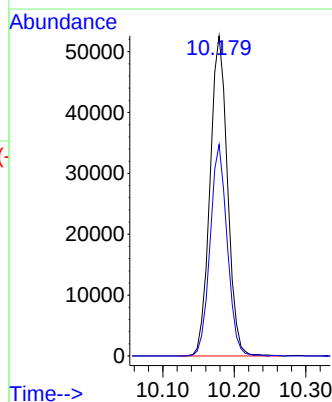
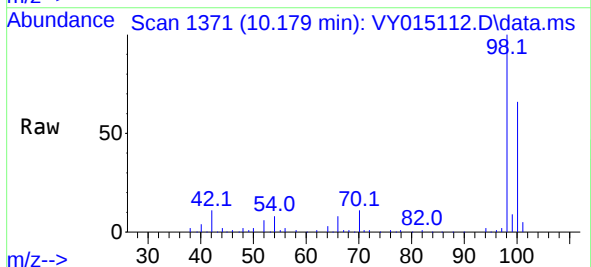
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15B

Tgt Ion:	113	Resp:	24539
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.3	121.9
192	22.1	16.9	25.3



#50
Toluene-d8
Concen: 48.693 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015112.D
Acq: 15 Aug 2023 18:40

Tgt Ion:	98	Resp:	89235
Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.1	75.1

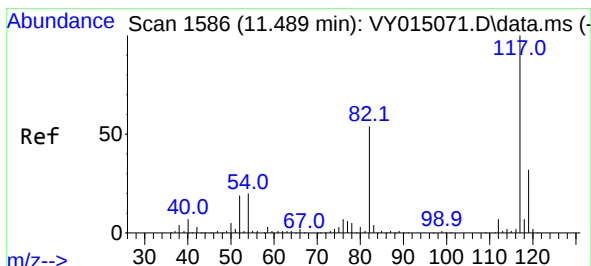
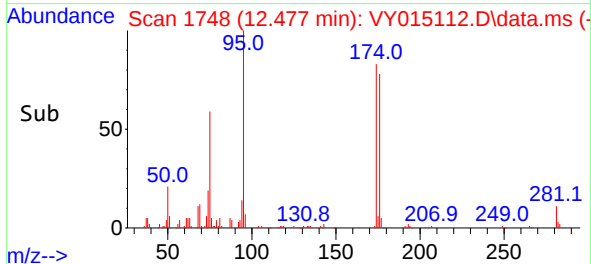
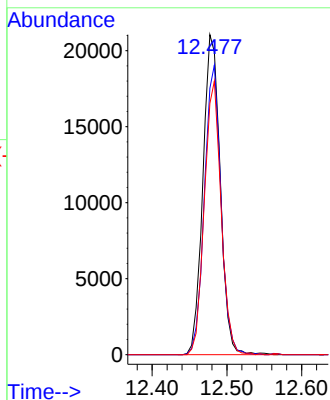
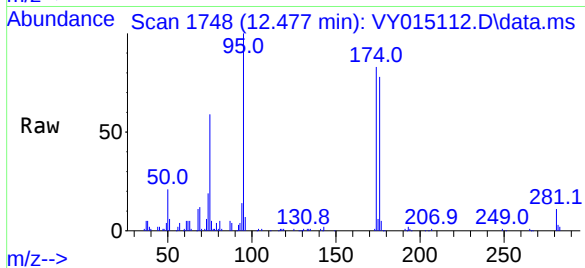




#62
4-Bromofluorobenzene
Concen: 50.599 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015112.D
Acq: 15 Aug 2023 18:40

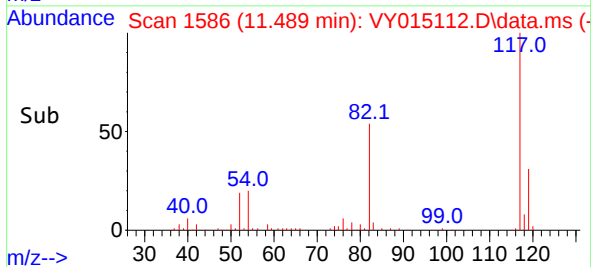
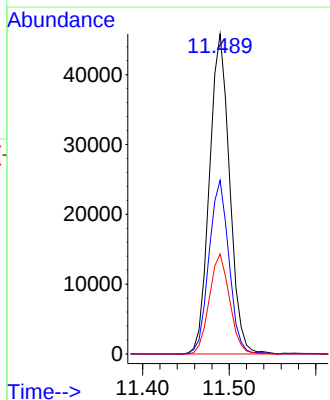
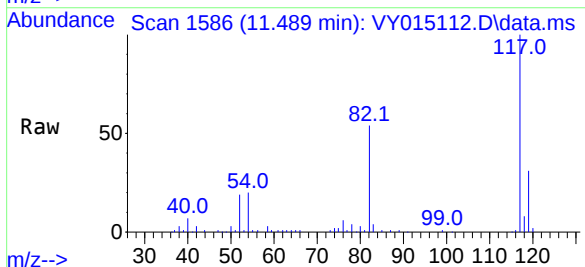
Instrument :
MSVOA_Y
ClientSampleId :
B-PP15B

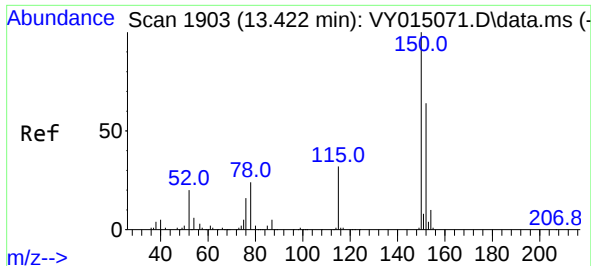
Tgt Ion: 95 Resp: 33869
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015112.D
Acq: 15 Aug 2023 18:40

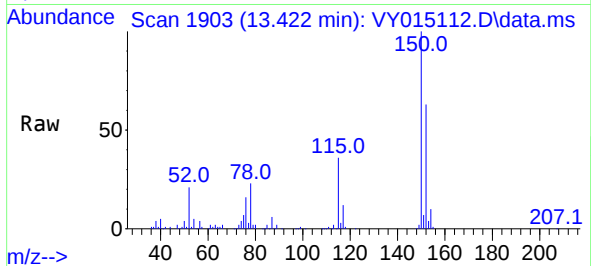
Tgt Ion: 117 Resp: 74162
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 31.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015112.D
 Acq: 15 Aug 2023 18:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP15B



Tgt Ion:	152	Resp:	37538
Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	155.6	0.0	348.8

