

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015238.D
 Acq On : 22 Aug 2023 12:43
 Operator : SY/MD
 Sample : 04087-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-081823RE

Quant Time: Aug 22 14:27:39 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	18035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	25973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7448	34.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.800%
35) Dibromofluoromethane	7.716	113	6534	39.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.200%
50) Toluene-d8	10.179	98	29079	46.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.477	95	6046	26.612	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.220%

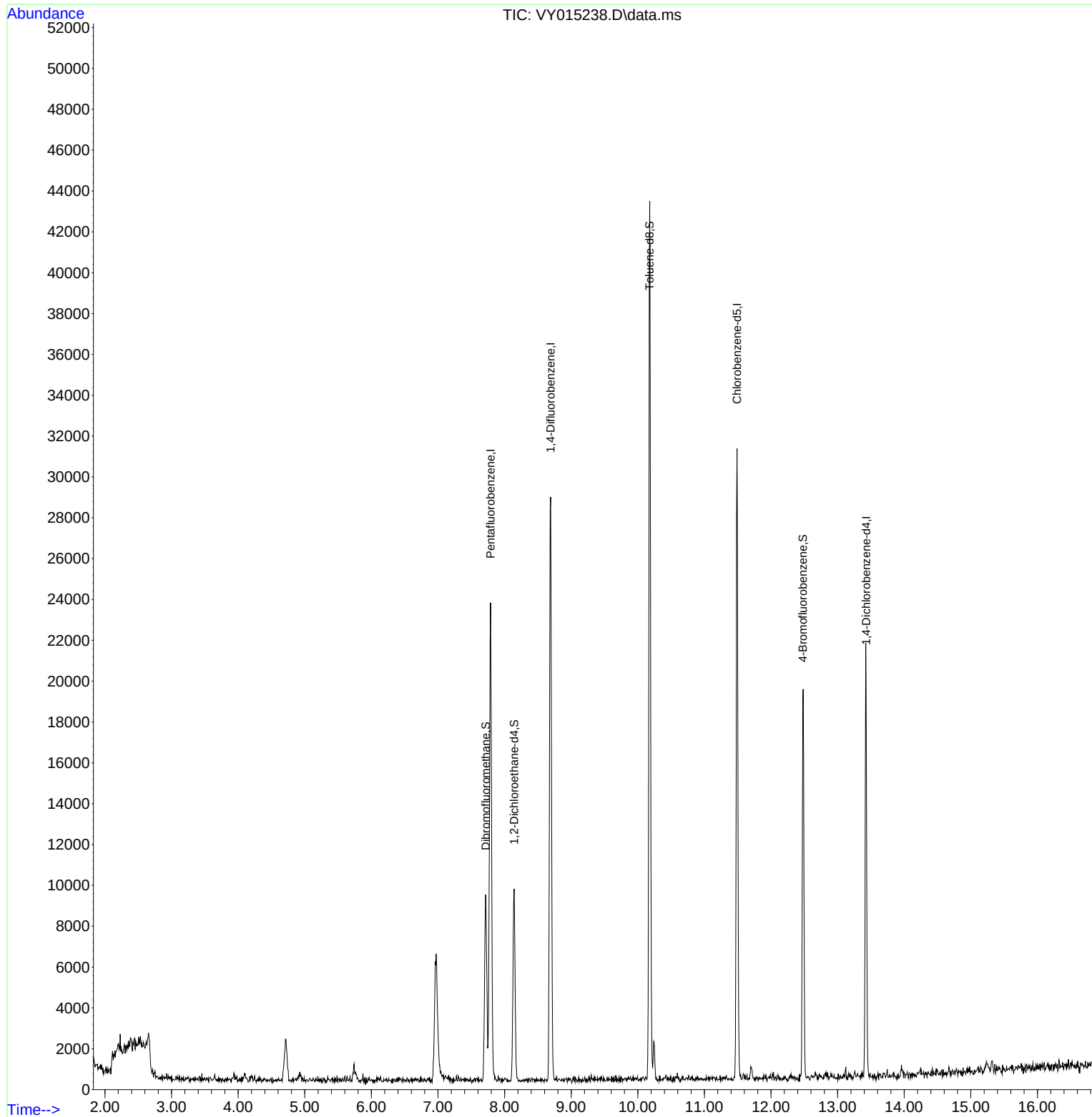
Target Compounds	Qvalue

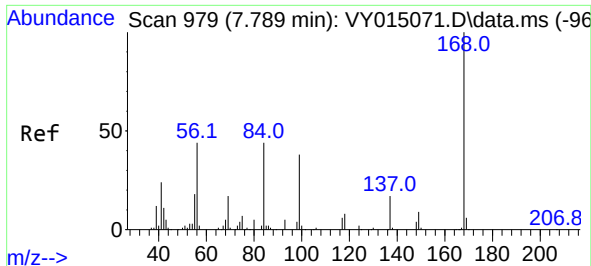
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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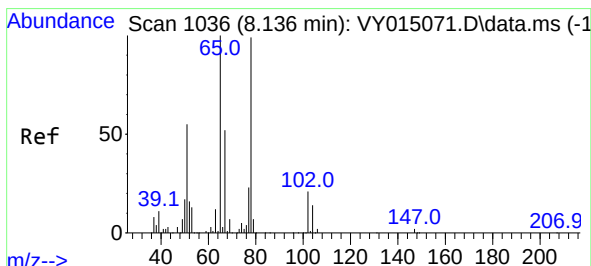
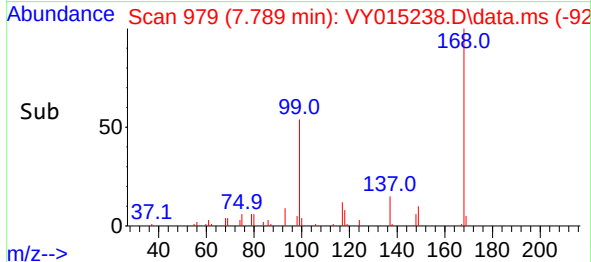
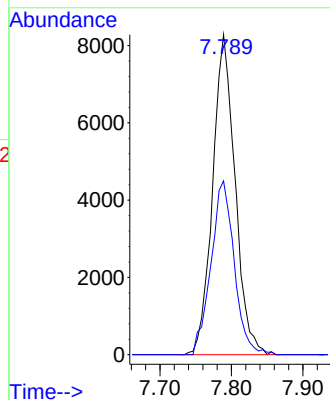
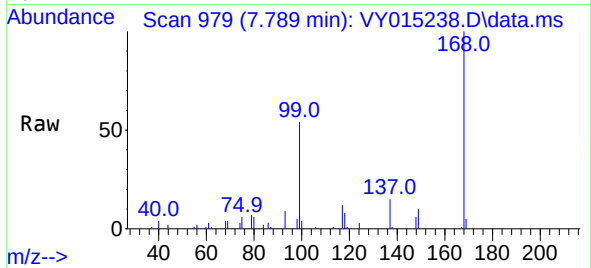




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015238.D
Acq: 22 Aug 2023 12:43

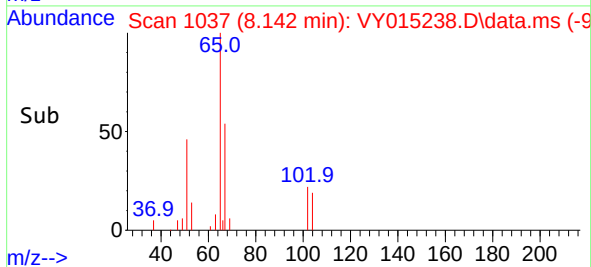
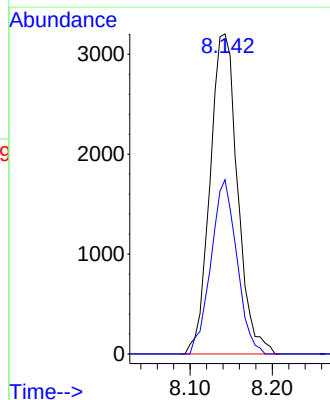
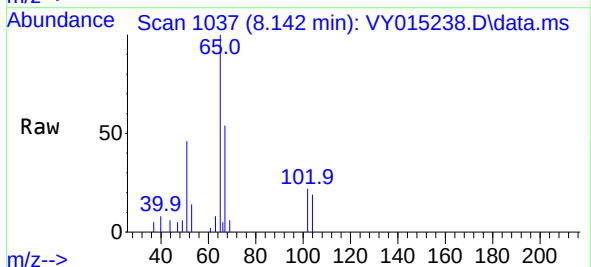
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-081823RE

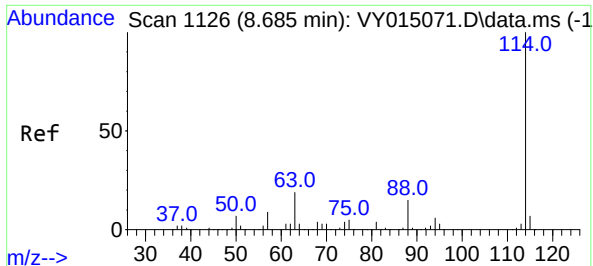
Tgt Ion:168 Resp: 18035
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 34.403 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015238.D
Acq: 22 Aug 2023 12:43

Tgt Ion: 65 Resp: 7448
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

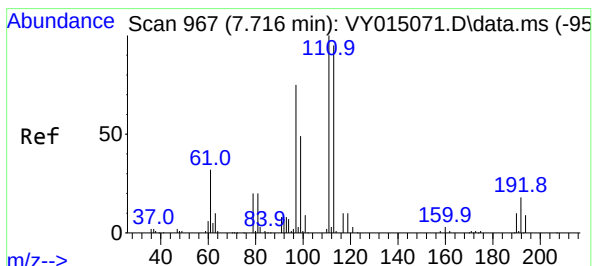
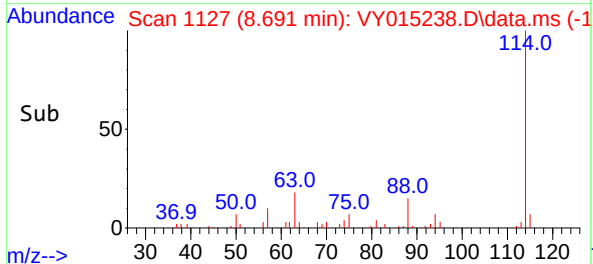
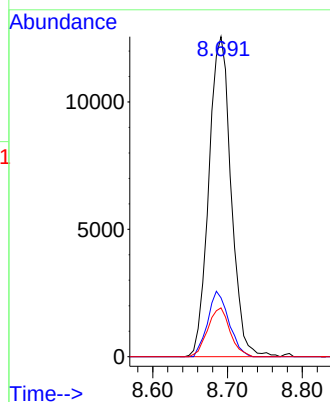
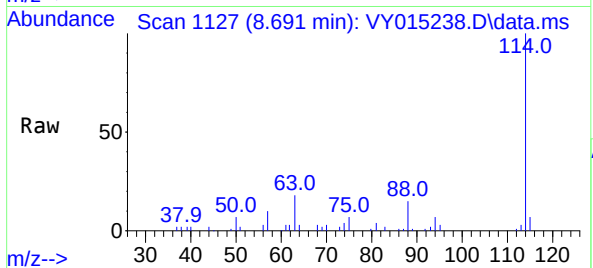




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015238.D
Acq: 22 Aug 2023 12:43

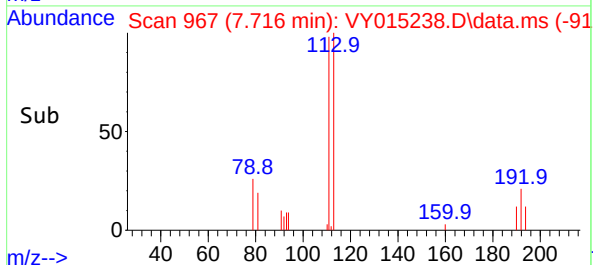
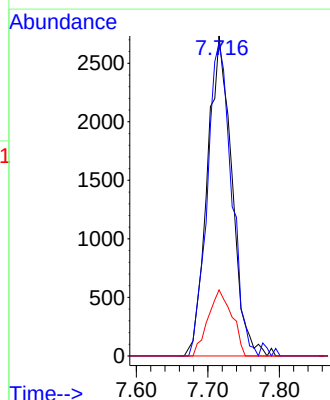
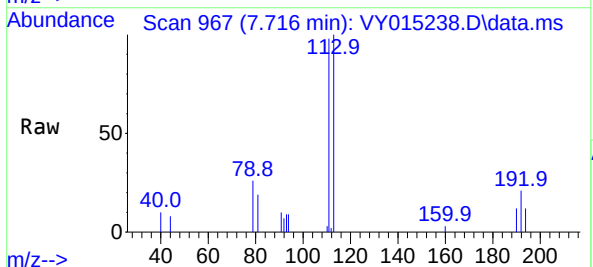
Instrument :
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ClientSampleId :
EO-03-081823RE

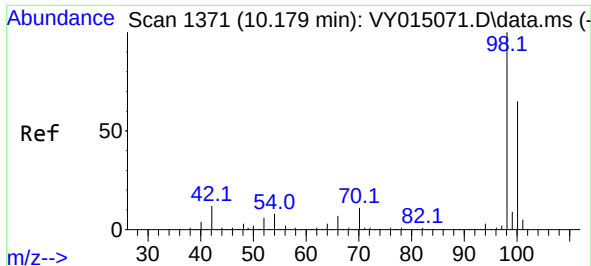
Tgt Ion:114	Resp:	25973
Ion Ratio	Lower	Upper
114	100	
63	18.4	0.0 42.4
88	15.3	0.0 30.6



#35
Dibromofluoromethane
Concen: 39.104 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015238.D
Acq: 22 Aug 2023 12:43

Tgt Ion:113	Resp:	6534
Ion Ratio	Lower	Upper
113	100	
111	96.8	81.3 121.9
192	20.0	16.9 25.3

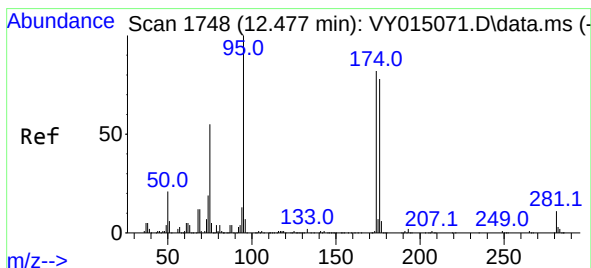
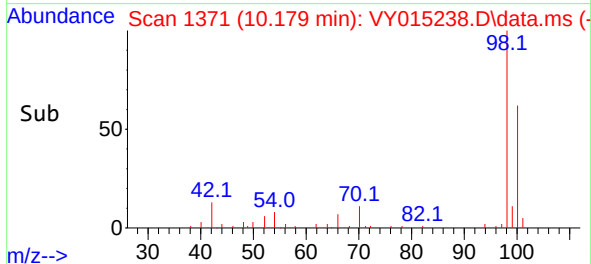
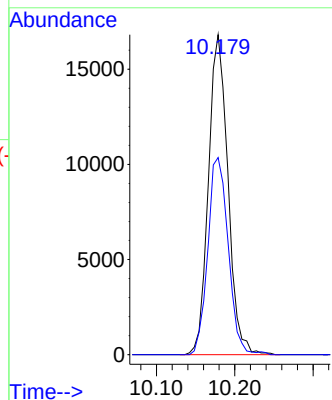
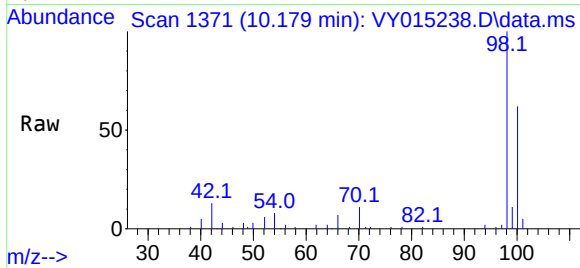




#50
Toluene-d8
Concen: 46.750 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015238.D
Acq: 22 Aug 2023 12:43

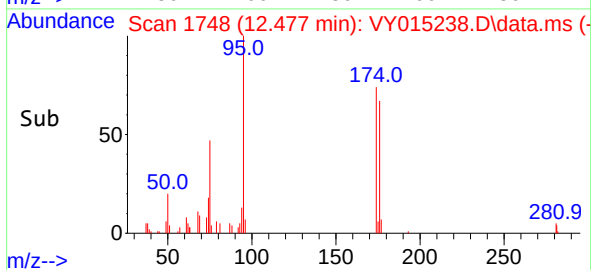
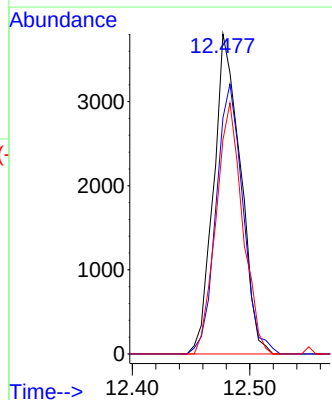
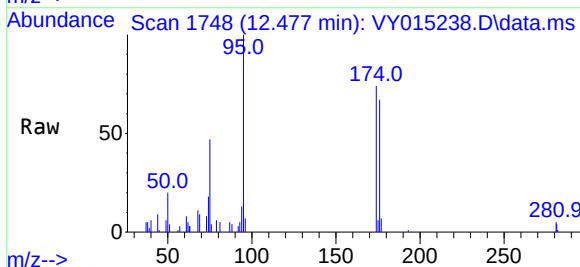
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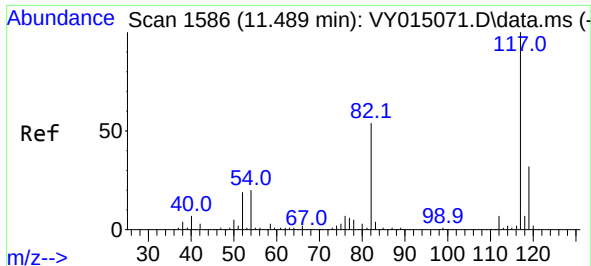
Tgt Ion: 98 Resp: 29079
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 26.612 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015238.D
Acq: 22 Aug 2023 12:43

Tgt Ion: 95 Resp: 6046
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 77.8 0.0 173.8

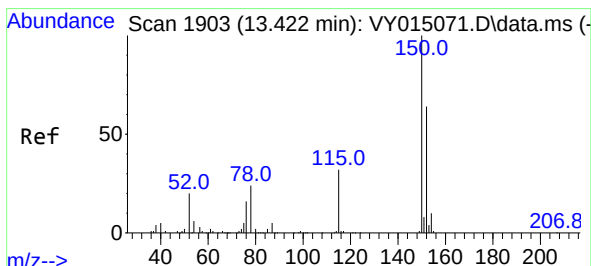
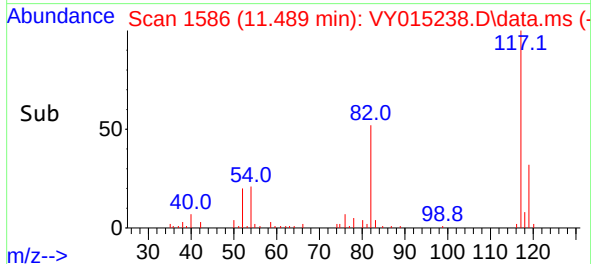
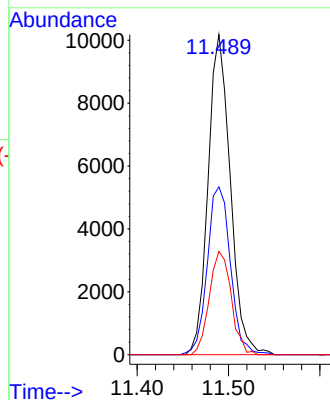
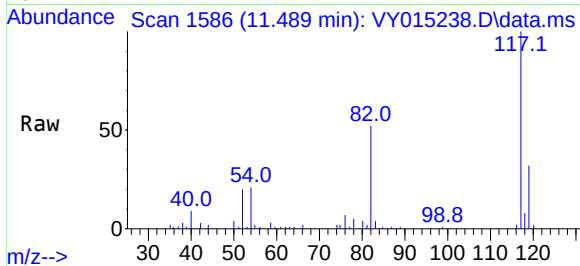




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015238.D
Acq: 22 Aug 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-081823RE

Tgt Ion:117	Resp:	17239
Ion	Ratio	Lower Upper
117	100	
82	52.5	43.4 65.0
119	32.3	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: VY015238.D
Acq: 22 Aug 2023 12:43

Tgt Ion:152	Resp:	5463
Ion	Ratio	Lower Upper
152	100	
115	59.9	28.8 86.5
150	155.6	0.0 348.8

