

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015051.D
 Acq On : 11 Aug 2023 11:59
 Operator : SY/MD
 Sample : 03971-04
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP02B

Quant Time: Aug 12 04:18:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204939	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173758	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132430	53.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.620%
35) Dibromofluoromethane	7.716	113	109105	49.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.179	98	412485	48.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.477	95	160314	53.390	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.780%

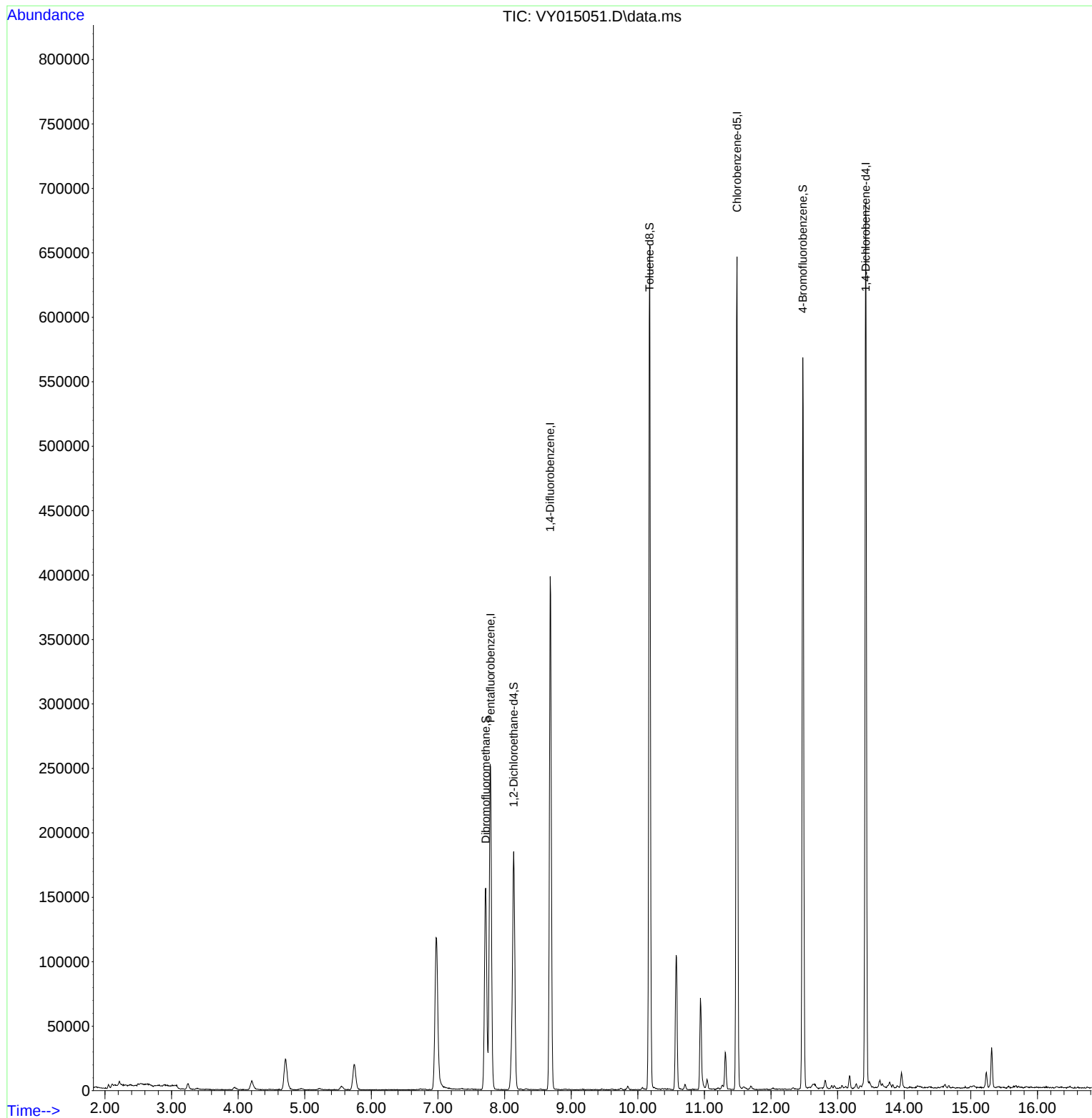
Target Compounds	Qvalue

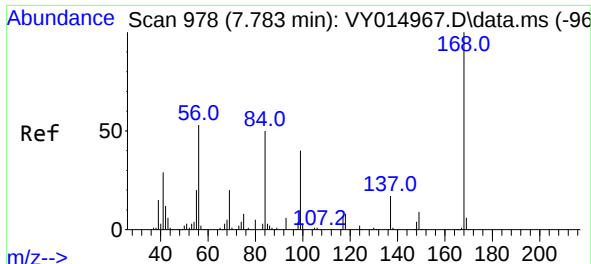
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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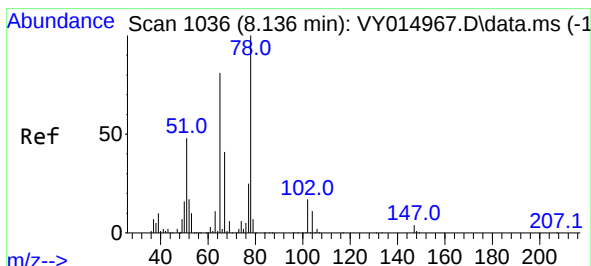
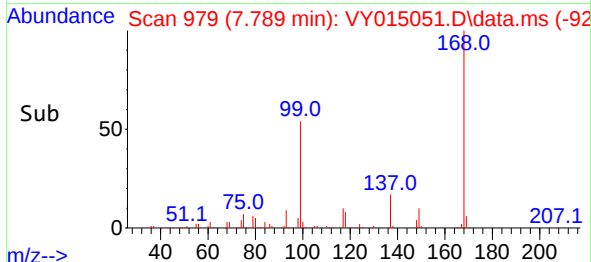
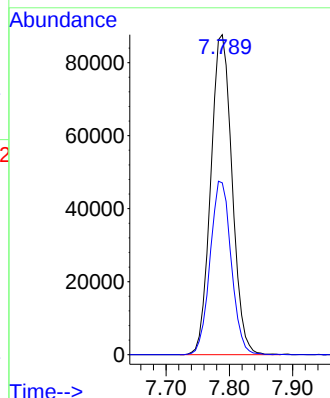
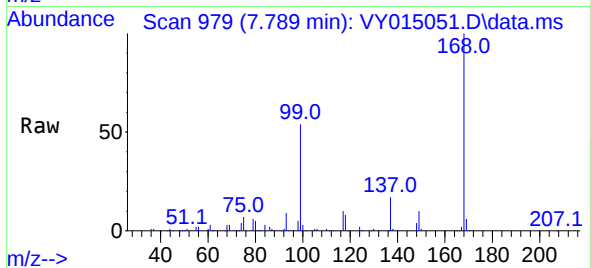




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015051.D
Acq: 11 Aug 2023 11:59

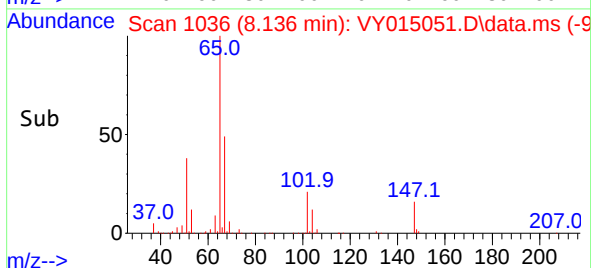
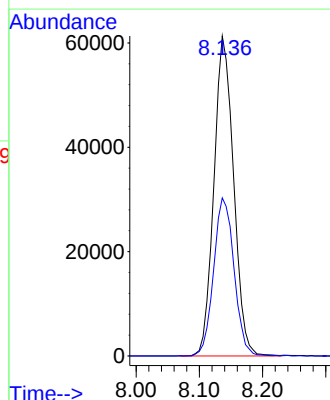
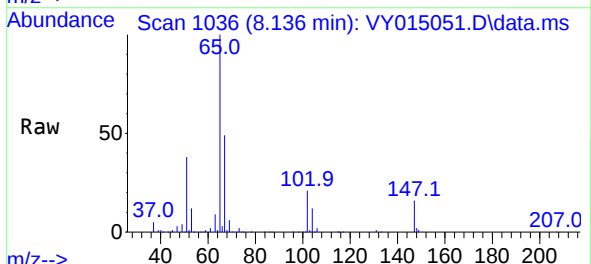
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02B

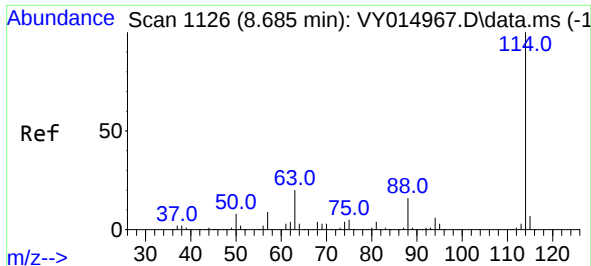
Tgt Ion:168 Resp: 204939
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.315 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015051.D
Acq: 11 Aug 2023 11:59

Tgt Ion: 65 Resp: 132430
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

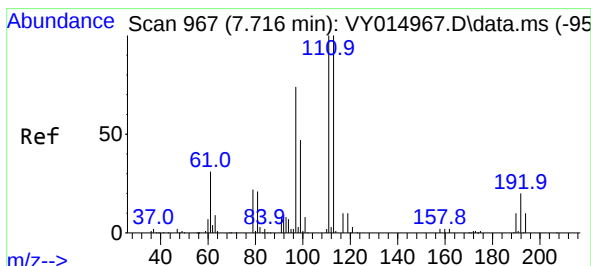
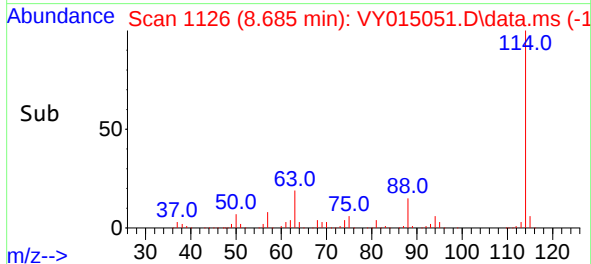
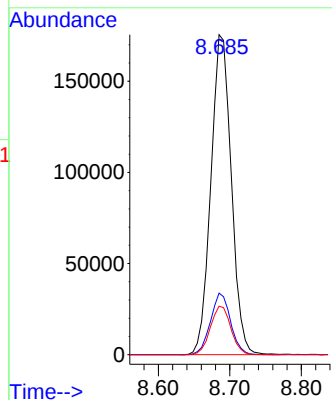
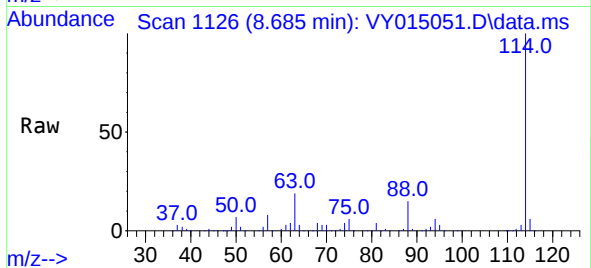




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015051.D
Acq: 11 Aug 2023 11:59

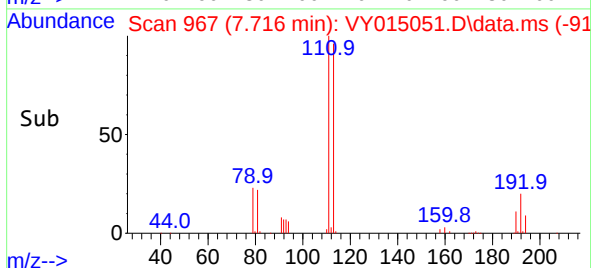
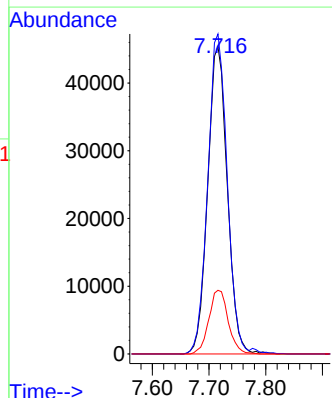
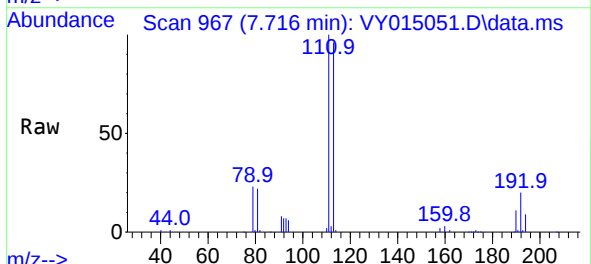
Instrument :
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ClientSampleId :
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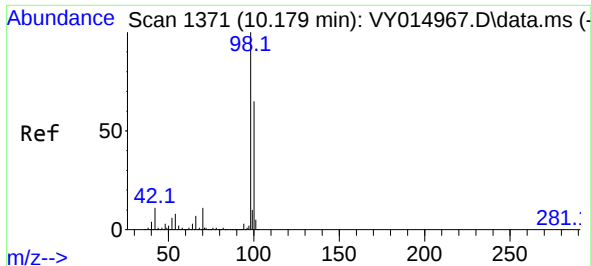
Tgt Ion:114 Resp: 348077
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.017 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015051.D
Acq: 11 Aug 2023 11:59

Tgt Ion:113 Resp: 109105
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.5 16.9 25.3

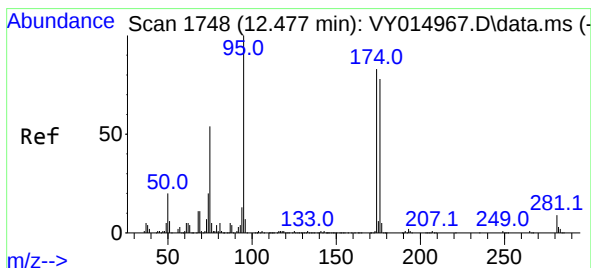
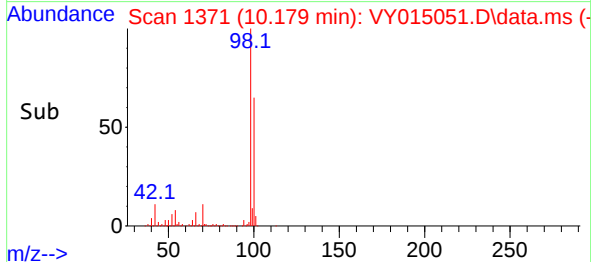
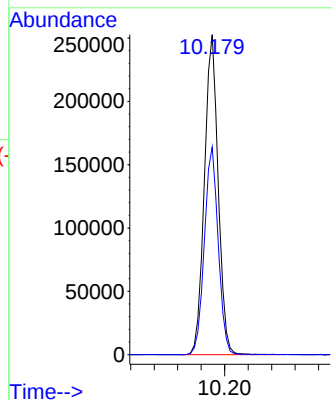
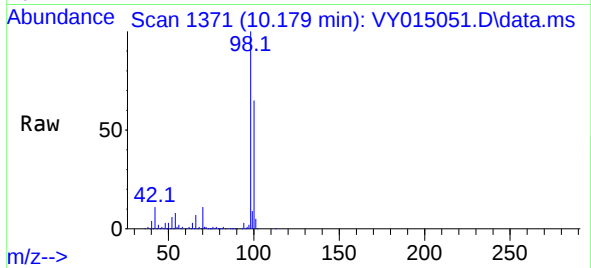




#50
Toluene-d8
Concen: 48.687 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015051.D
Acq: 11 Aug 2023 11:59

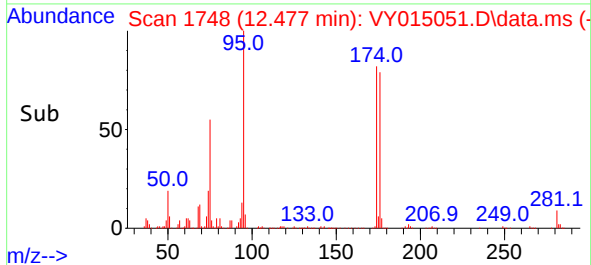
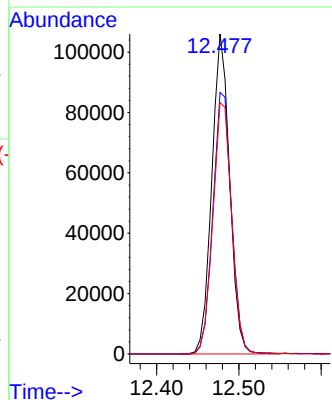
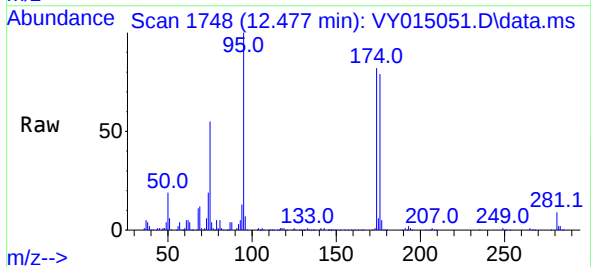
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02B

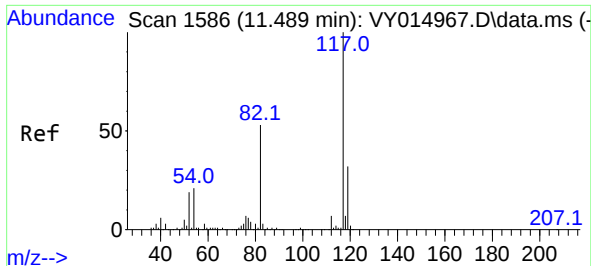
Tgt Ion: 98 Resp: 412485
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.390 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015051.D
Acq: 11 Aug 2023 11:59

Tgt Ion: 95 Resp: 160314
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.4 0.0 173.8

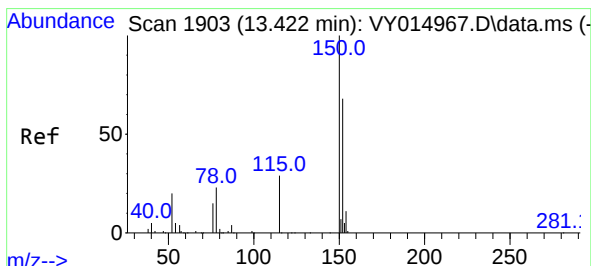
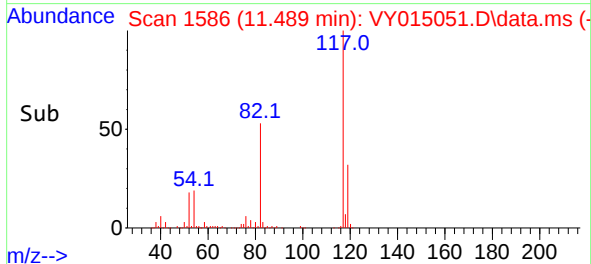
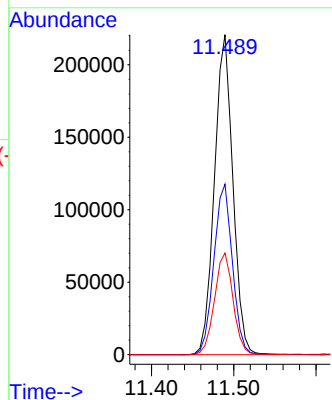
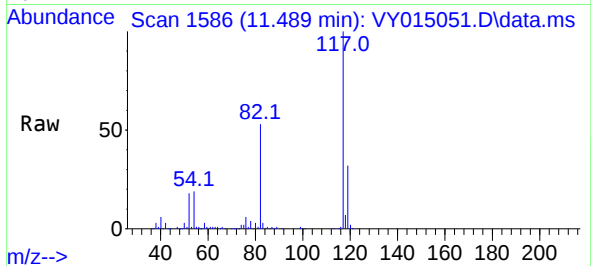




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015051.D
Acq: 11 Aug 2023 11:59

Instrument :
MSVOA_Y
ClientSampleId :
B-PP02B

Tgt Ion:117 Resp: 344146
Ion Ratio Lower Upper
117 100
82 53.3 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: VY015051.D
Acq: 11 Aug 2023 11:59

Tgt Ion:152 Resp: 173758
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 156.8 0.0 348.8

