

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022124\
 Data File : VY017443.D
 Acq On : 21 Feb 2024 17:16
 Operator : SY/MD
 Sample : P1537-10
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10

Quant Time: Feb 22 03:40:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	207110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	48313	45.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.520%
35) Dibromofluoromethane	7.722	113	56680	41.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.060%
50) Toluene-d8	10.185	98	198760	37.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.100%
62) 4-Bromofluorobenzene	12.489	95	52116	30.230	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.460%

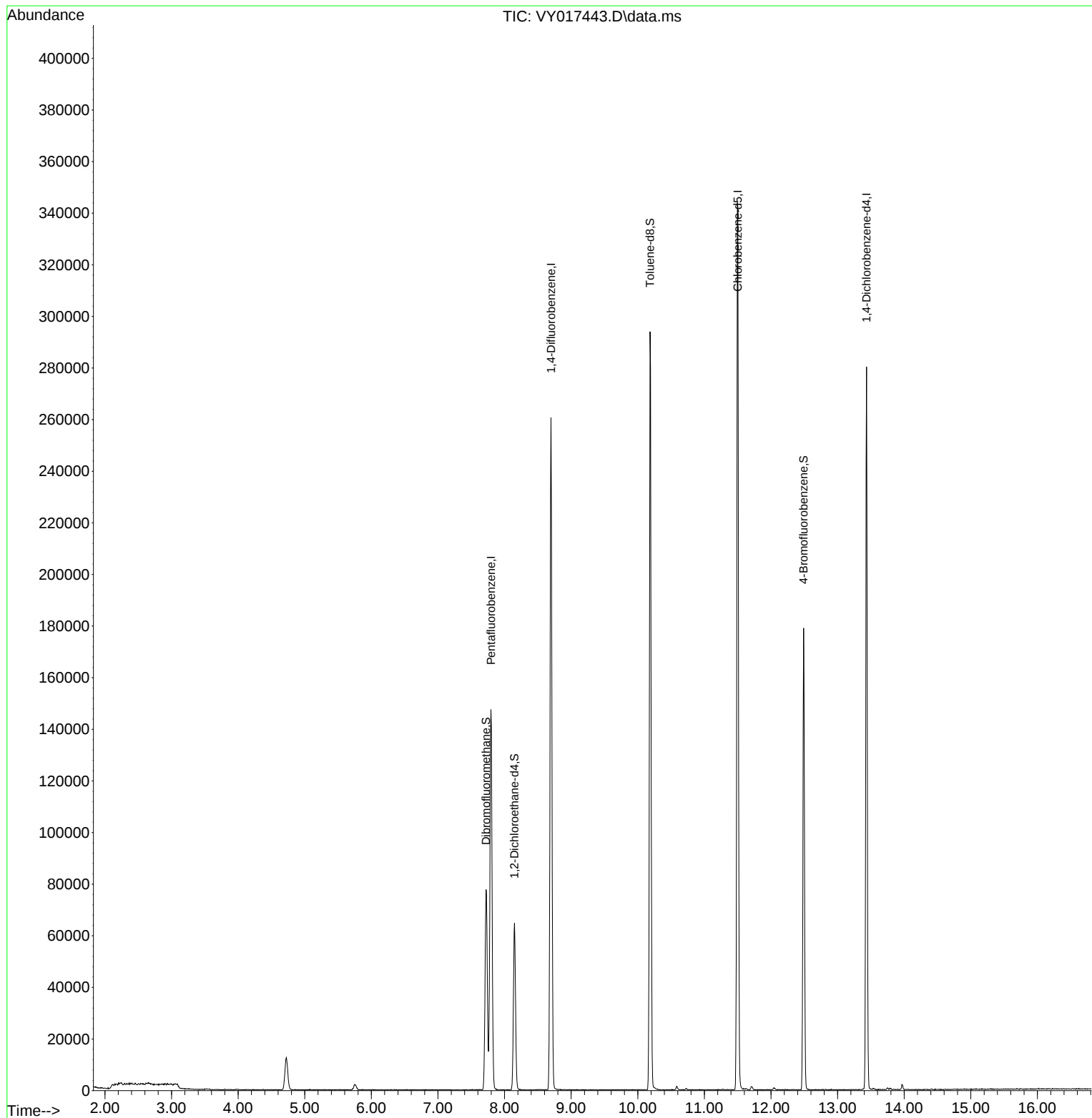
Target Compounds	Qvalue

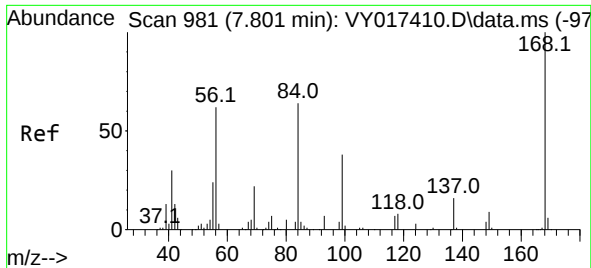
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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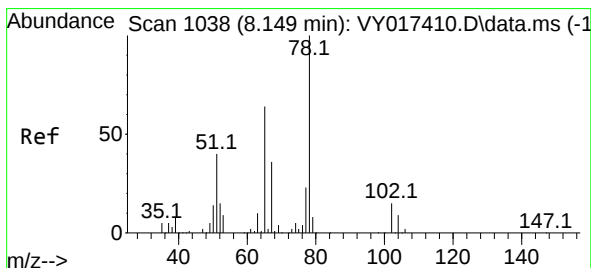
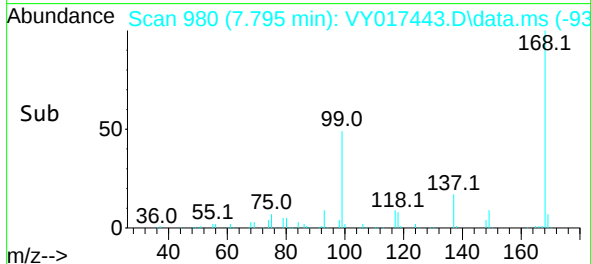
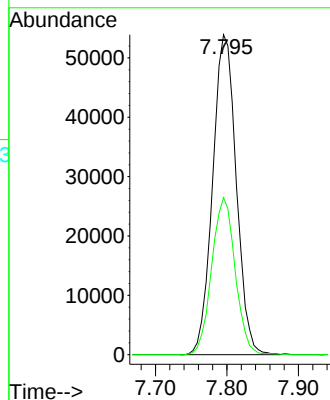
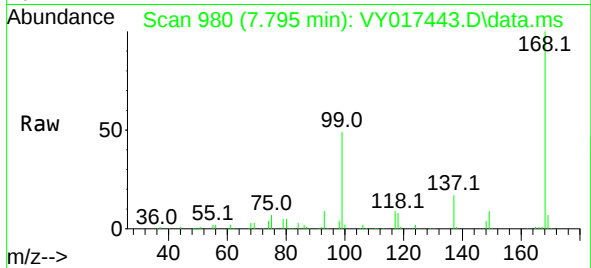




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

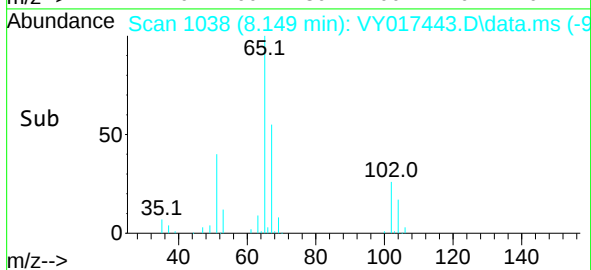
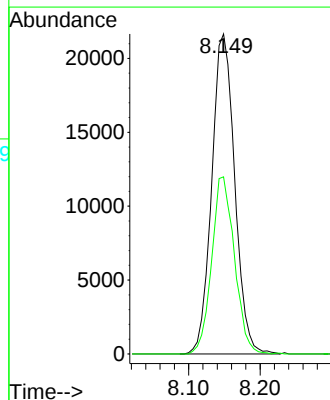
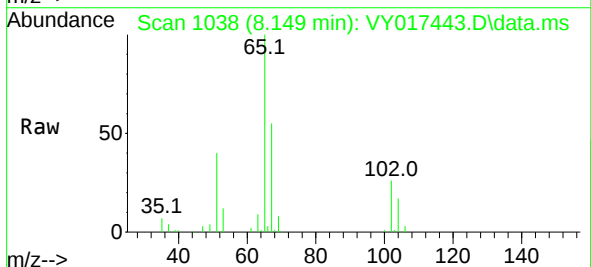
Instrument :
MSVOA_Y
ClientSampleId :
10

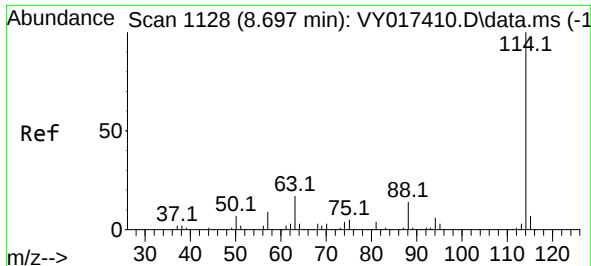
Tgt Ion:168 Resp: 123593
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.758 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion: 65 Resp: 48313
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6

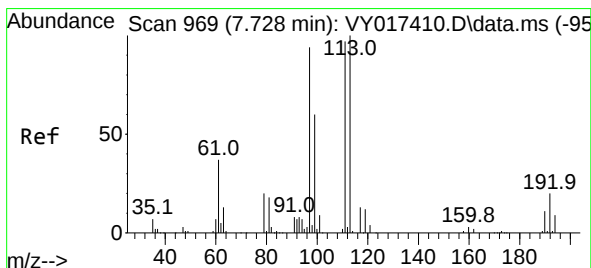
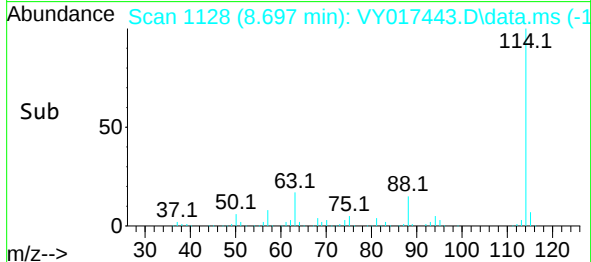
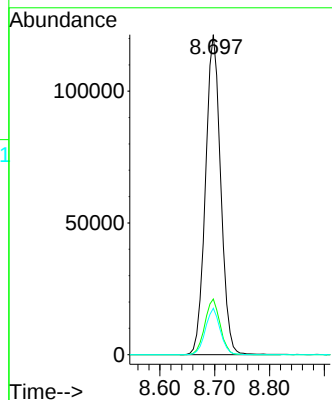
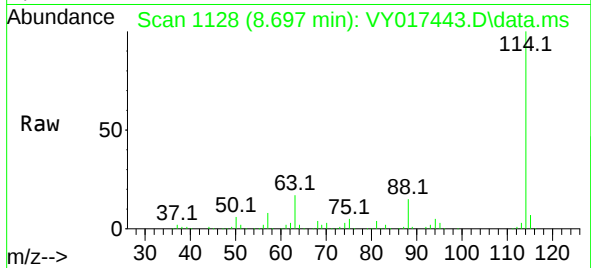




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

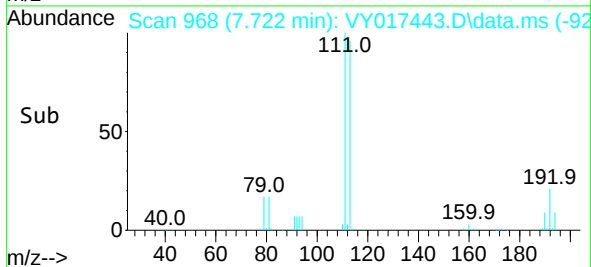
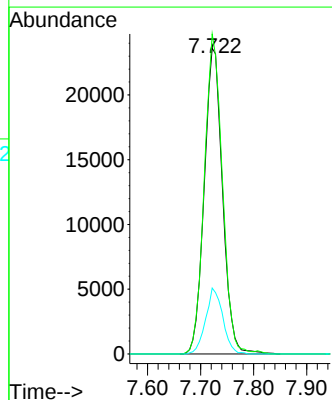
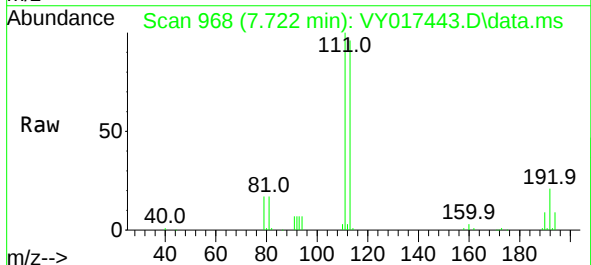
Instrument :
MSVOA_Y
ClientSampleId :
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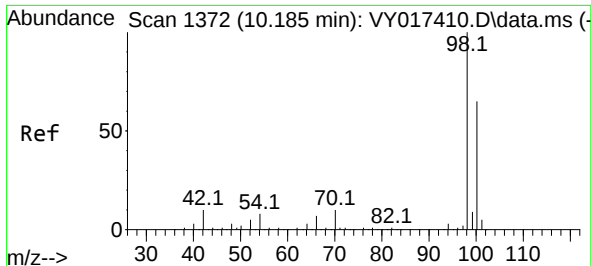
Tgt Ion:114 Resp: 233150
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 41.531 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion:113 Resp: 56680
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 20.2 15.9 23.9

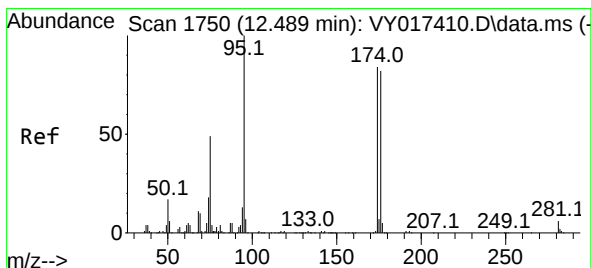
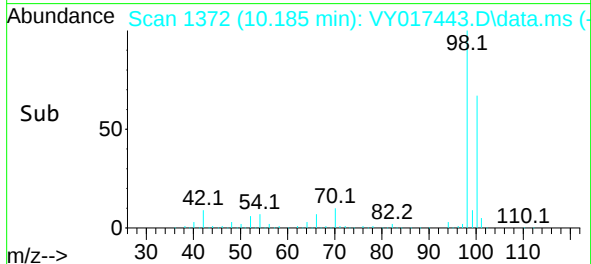
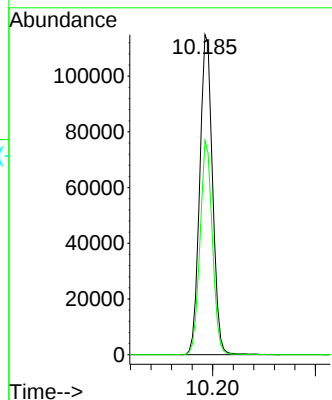
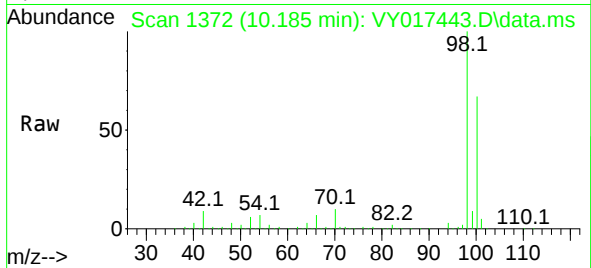




#50
Toluene-d8
Concen: 37.551 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

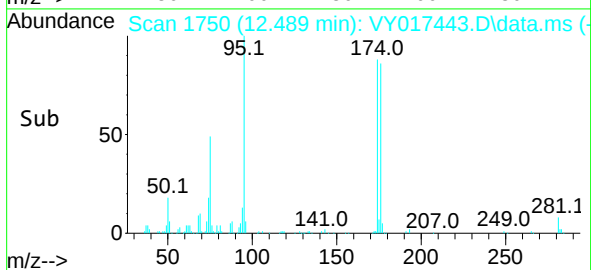
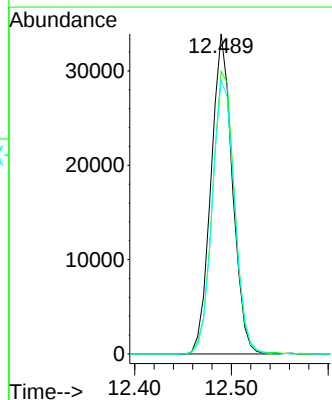
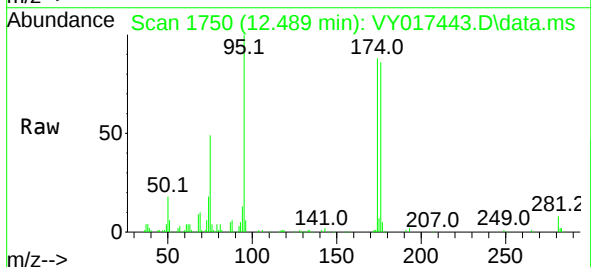
Instrument :
MSVOA_Y
ClientSampleId :
10

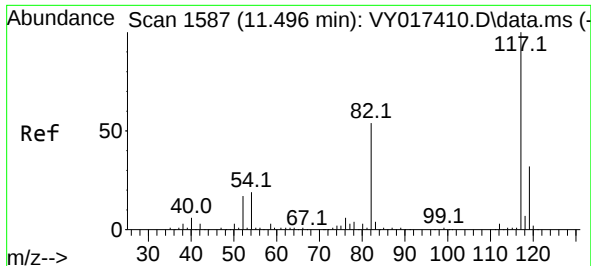
Tgt Ion: 98 Resp: 198760
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.230 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion: 95 Resp: 52116
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 88.7 0.0 171.4

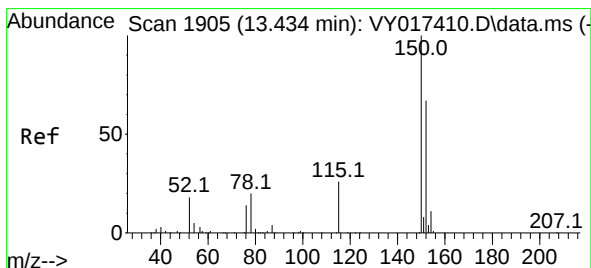
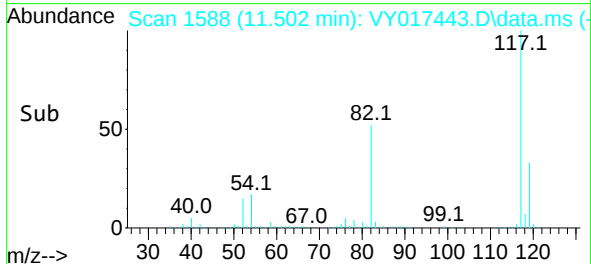
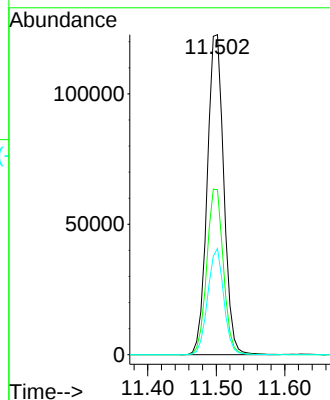
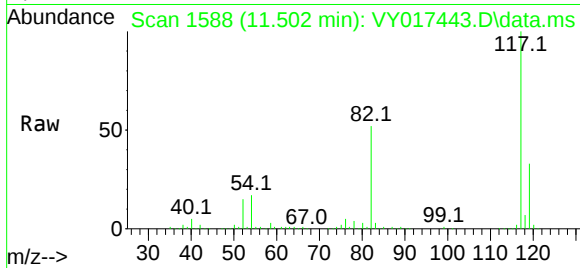




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Instrument :
MSVOA_Y
ClientSampleId :
10

Tgt Ion:117 Resp: 207110
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017443.D
Acq: 21 Feb 2024 17:16

Tgt Ion:152 Resp: 73925
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.3 0.0 345.6

