

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012097.D
 Acq On : 06 Jan 2023 17:24
 Operator : KP/MD
 Sample : 01043-04
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-202

Quant Time: Jan 07 01:49:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	72027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	123616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52325	64.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.300%
35) Dibromofluoromethane	7.716	113	41052	50.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.179	98	151056	47.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.483	95	50001	44.605	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.200%

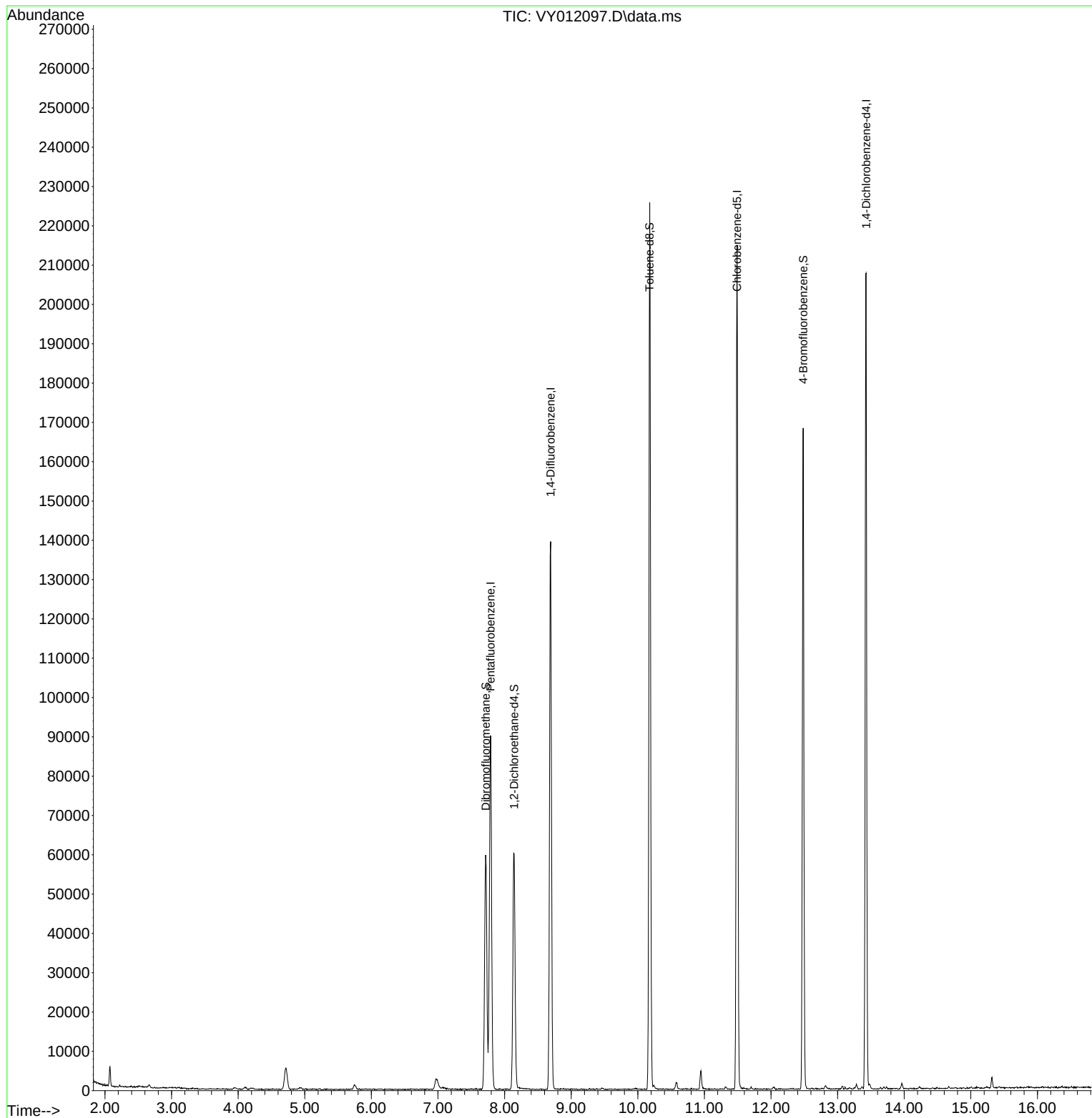
Target Compounds	Qvalue

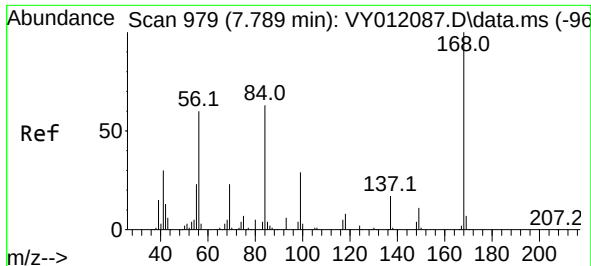
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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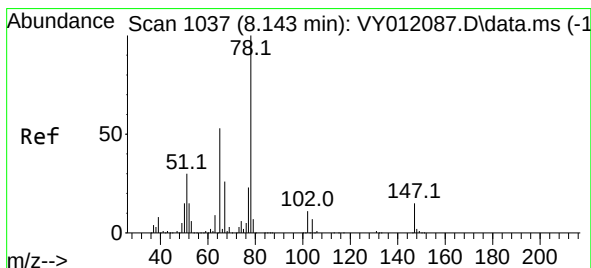
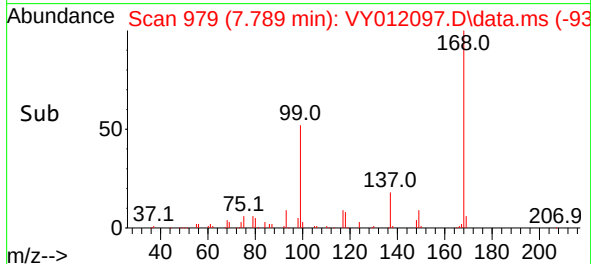
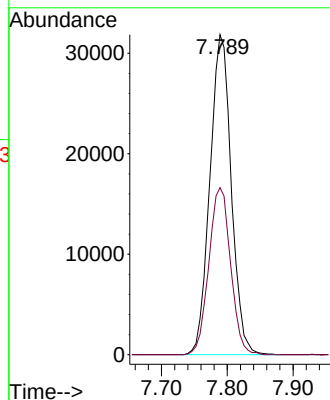
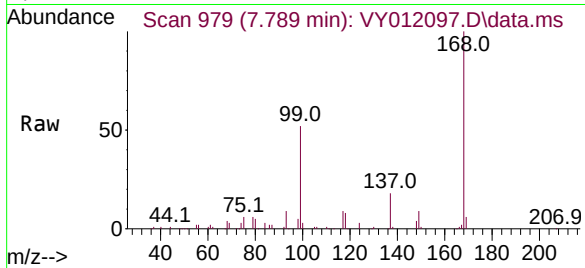




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

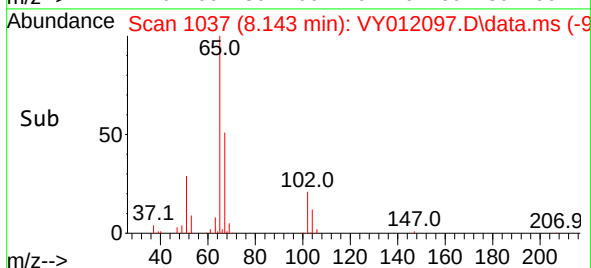
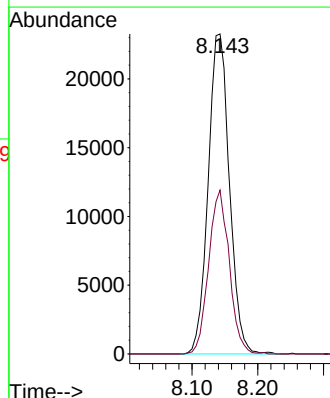
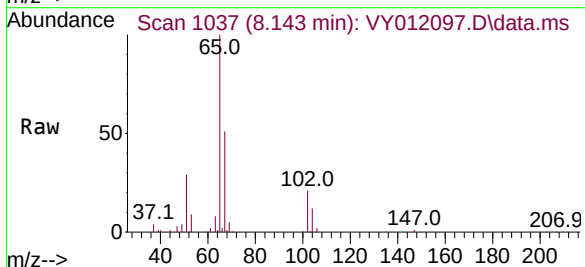
Instrument :
MSVOA_Y
ClientSampleId :
TP-202

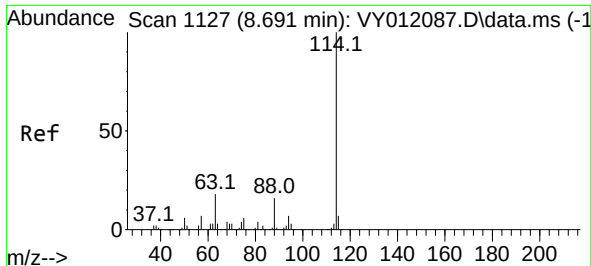
Tgt Ion:168 Resp: 72027
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 64.652 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 65 Resp: 52325
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.2

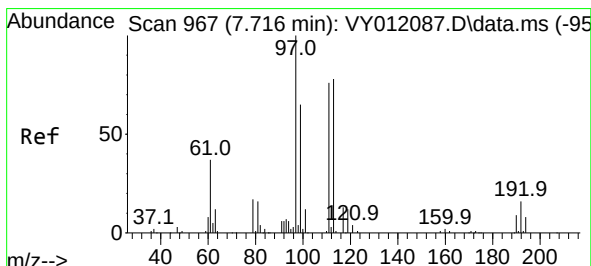
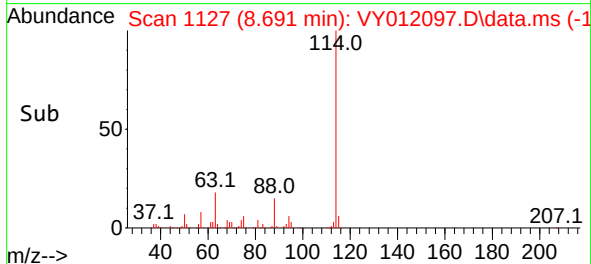
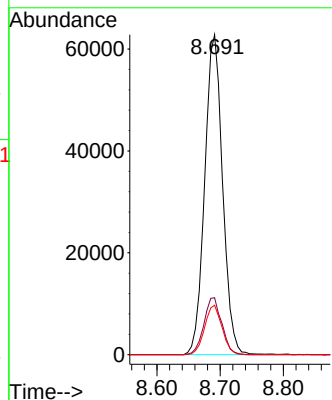
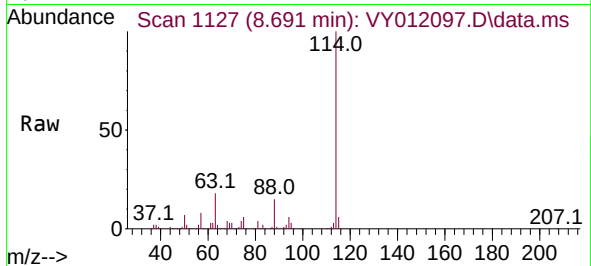




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

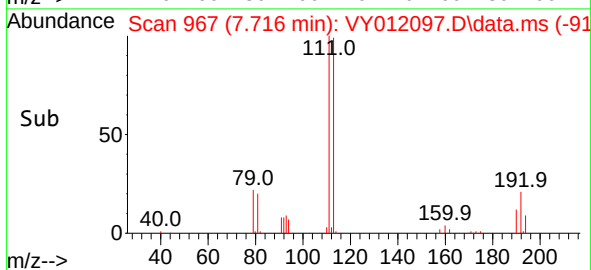
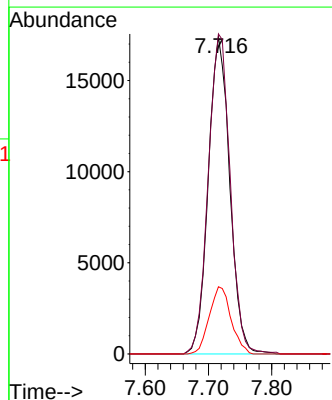
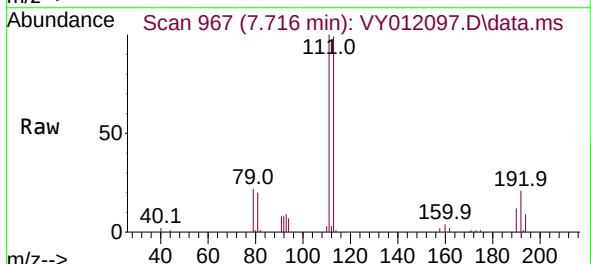
Instrument :
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ClientSampleId :
TP-202

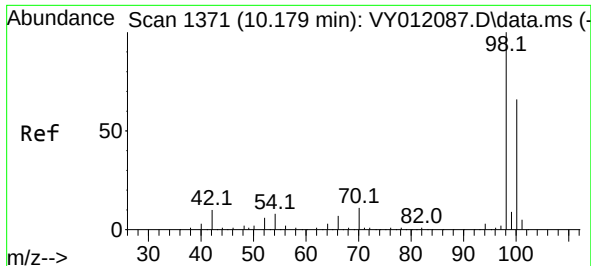
Tgt Ion:114 Resp: 123616
Ion Ratio Lower Upper
114 100
63 17.8 0.0 39.6
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 50.525 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

Tgt Ion:113 Resp: 41052
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 21.5 16.0 24.0

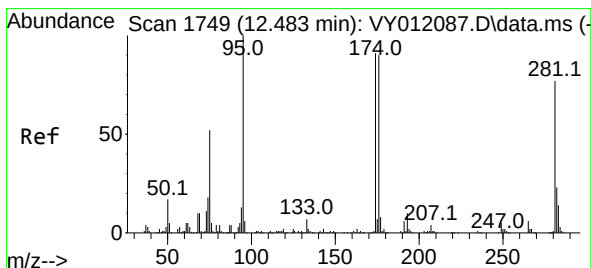
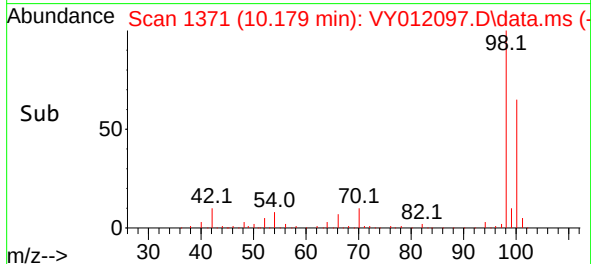
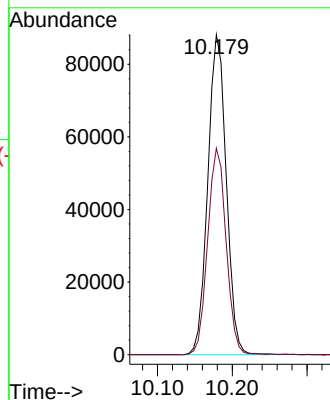
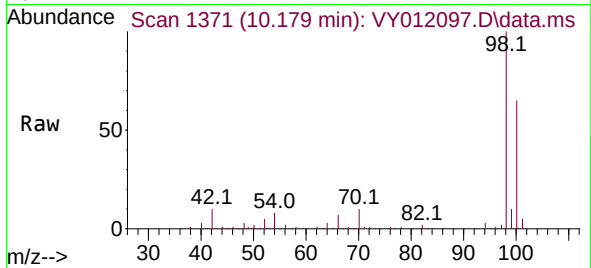




#50
Toluene-d8
Concen: 47.102 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

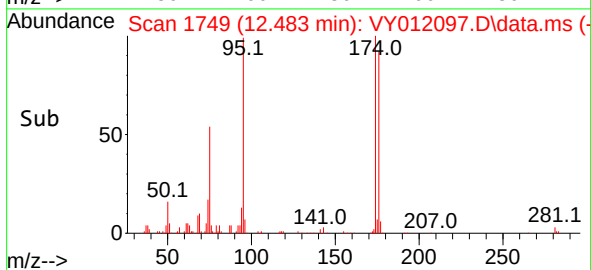
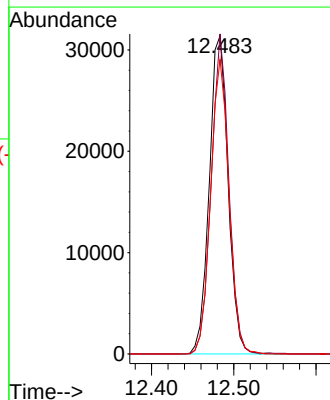
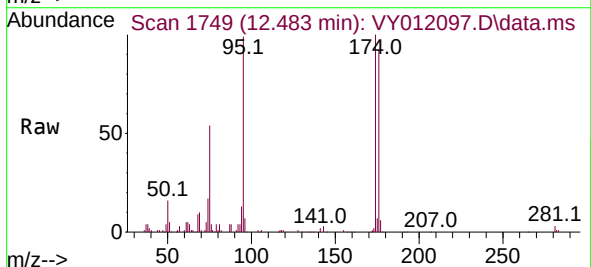
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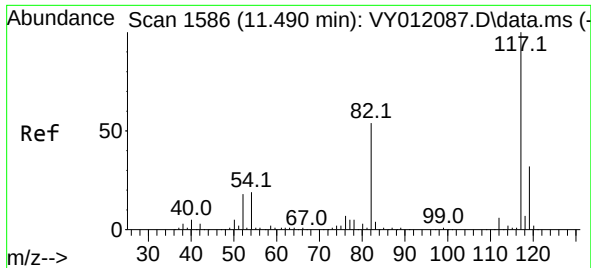
Tgt Ion: 98 Resp: 151056
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.605 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

Tgt Ion: 95 Resp: 50001
Ion Ratio Lower Upper
95 100
174 93.8 0.0 172.0
176 90.0 0.0 167.6

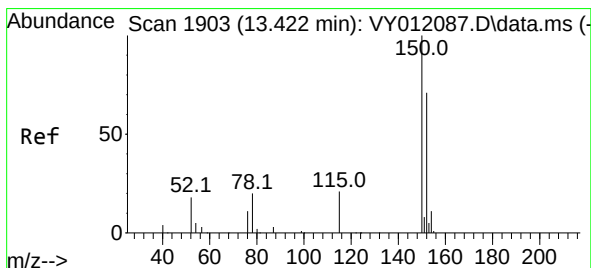
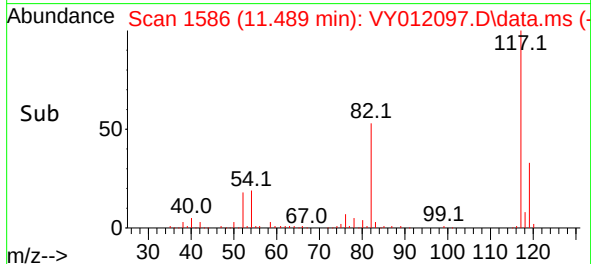
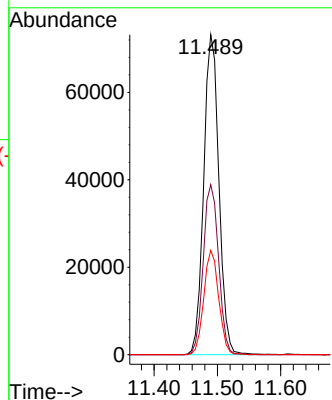
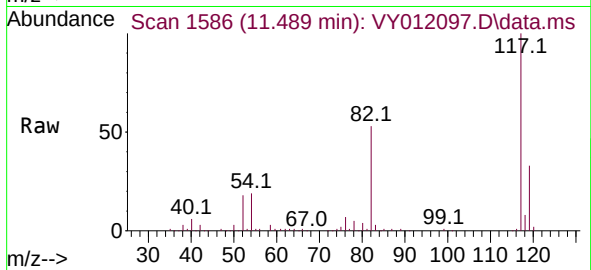




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-202

Tgt Ion:117 Resp: 122746
Ion Ratio Lower Upper
117 100
82 53.1 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012097.D
Acq: 06 Jan 2023 17:24

Tgt Ion:152 Resp: 56467
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 156.8 0.0 342.6

