

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012341.D
 Acq On : 24 Jan 2023 14:52
 Operator : KP/MD
 Sample : 01260-07
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-23

Quant Time: Jan 25 01:32:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	160106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126799	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98806	76.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.080%
35) Dibromofluoromethane	7.716	113	79450	55.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.860%
50) Toluene-d8	10.179	98	322371	66.966	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	133.940%
62) 4-Bromofluorobenzene	12.483	95	108508	54.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.380%

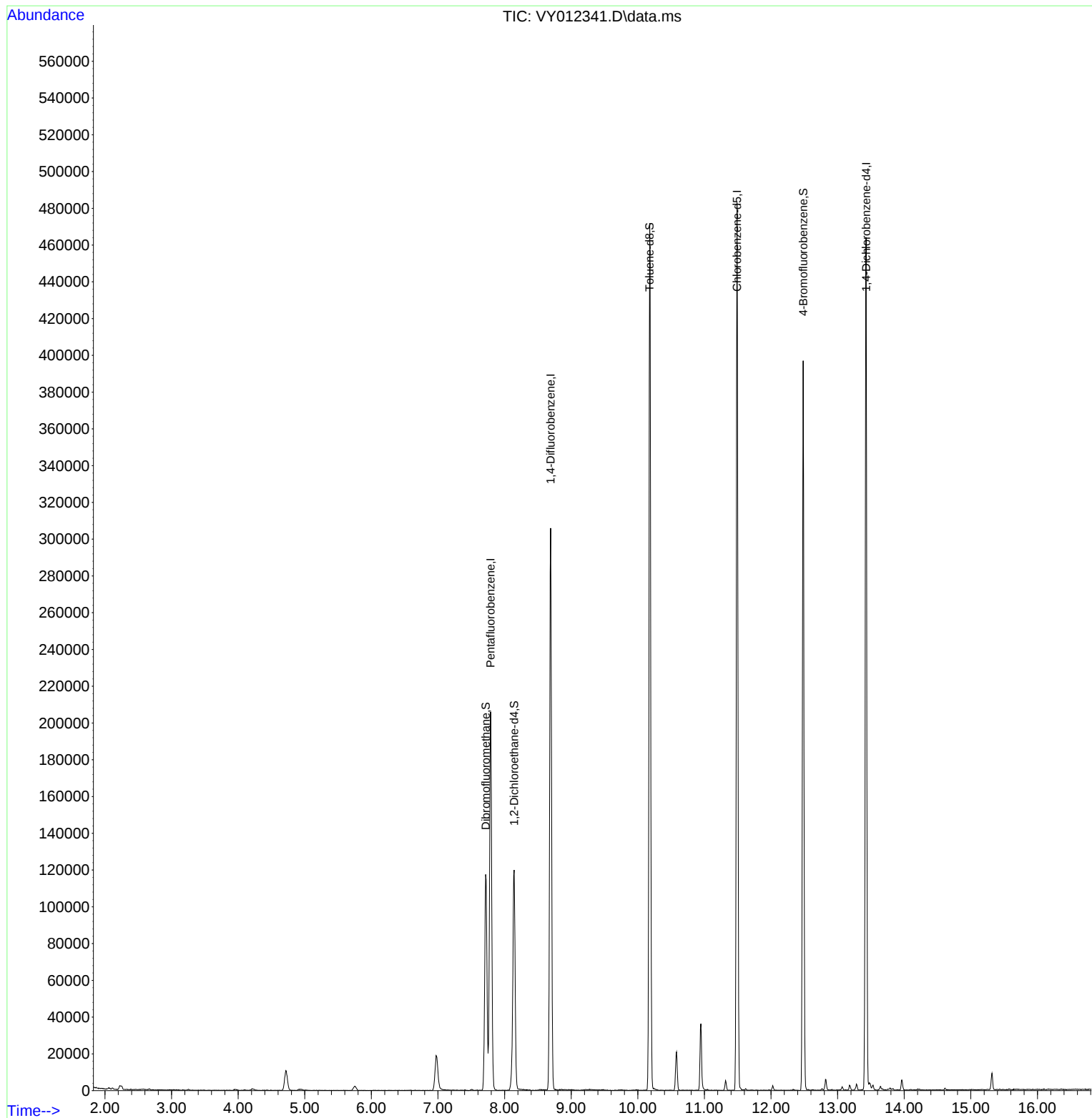
Target Compounds	Qvalue

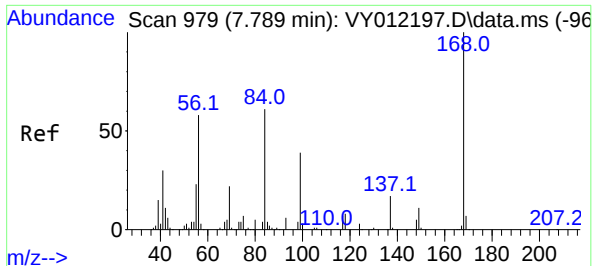
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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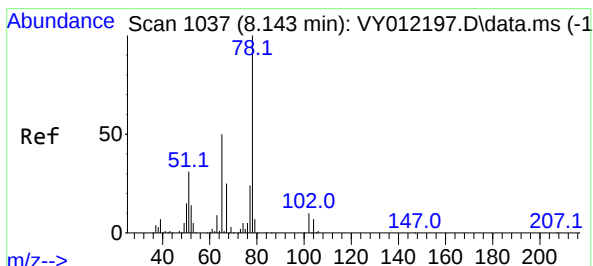
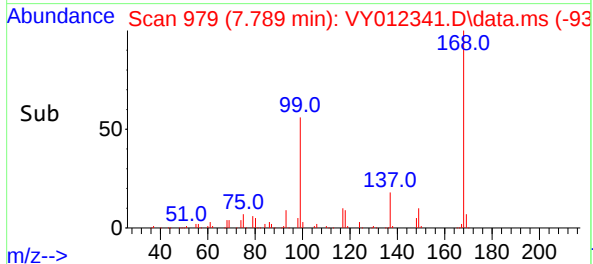
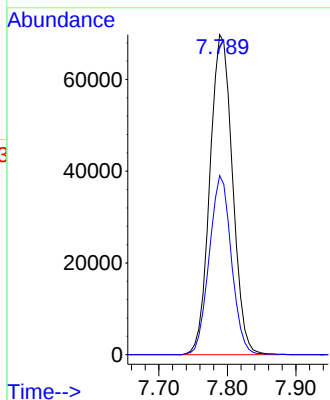
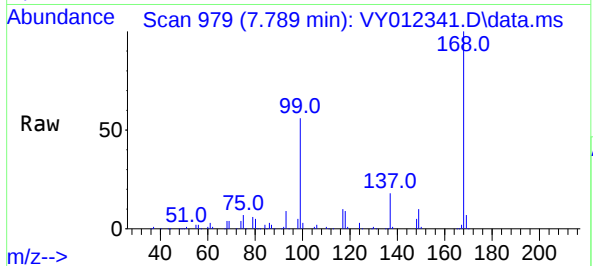




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

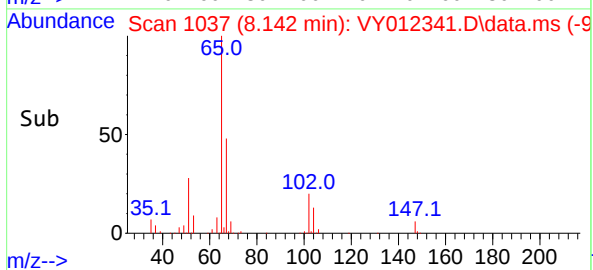
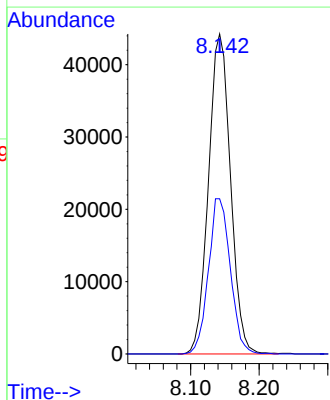
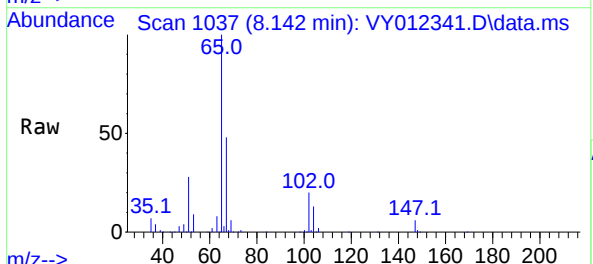
Instrument :
MSVOA_Y
ClientSampleId :
TP-23

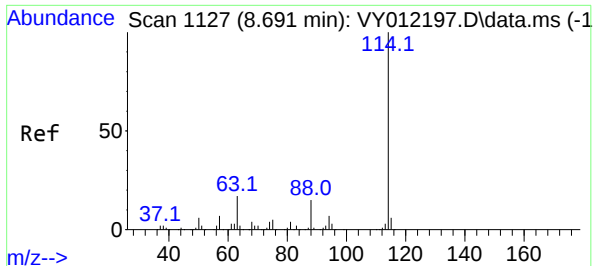
Tgt Ion:168 Resp: 160106
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.540 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion: 65 Resp: 98806
Ion Ratio Lower Upper
65 100
67 48.4 0.0 103.2

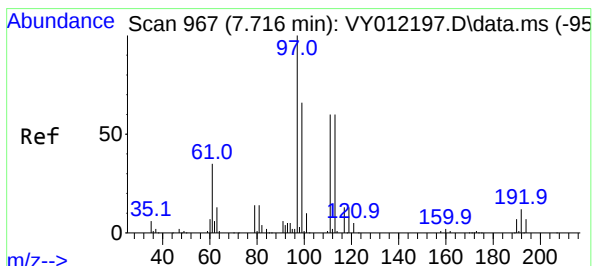
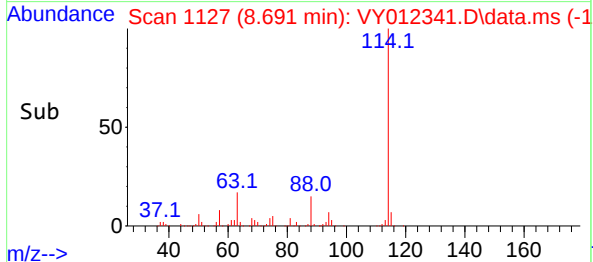
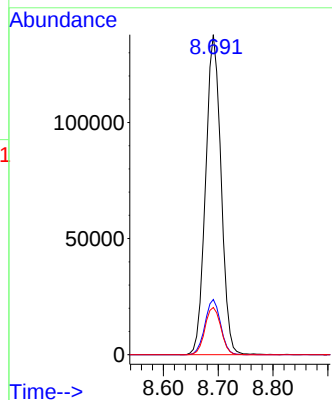
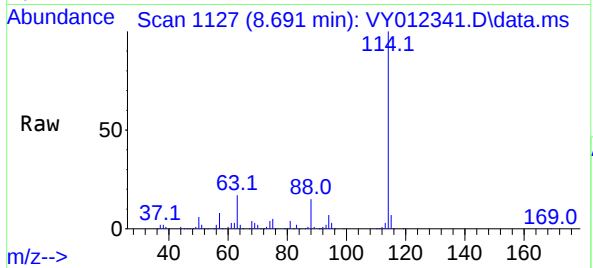




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

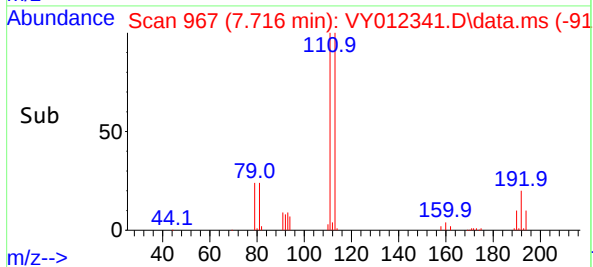
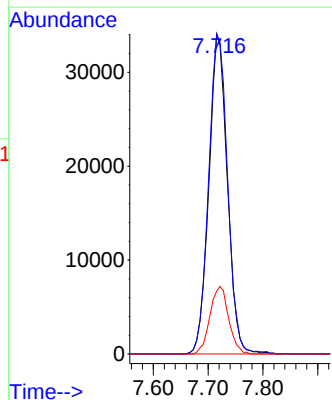
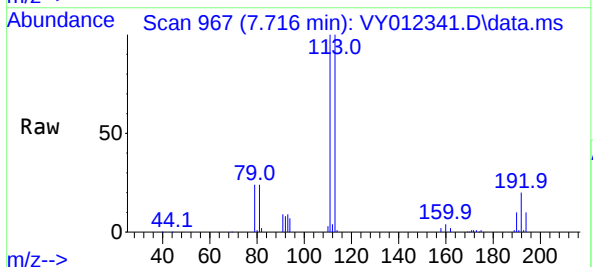
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ClientSampleId :
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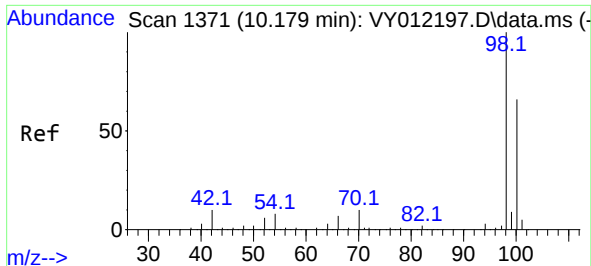
Tgt Ion:114 Resp: 268282
Ion Ratio Lower Upper
114 100
63 17.3 0.0 39.6
88 14.7 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.929 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion:113 Resp: 79450
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 21.4 16.0 24.0

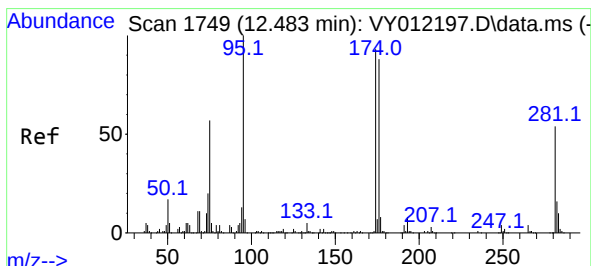
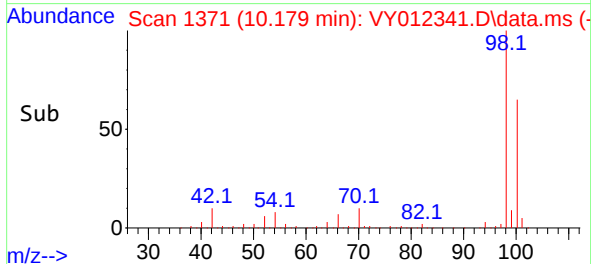
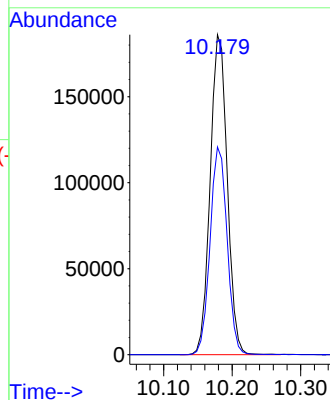
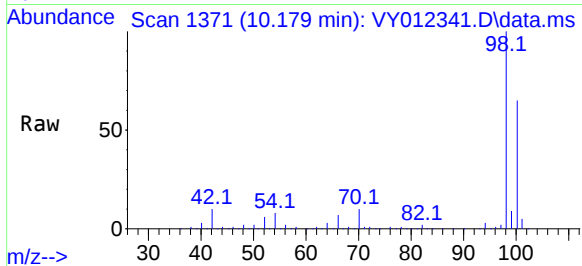




#50
Toluene-d8
Concen: 66.966 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

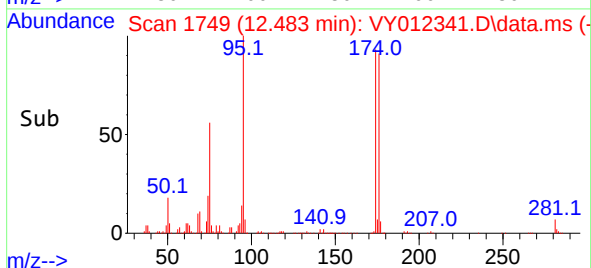
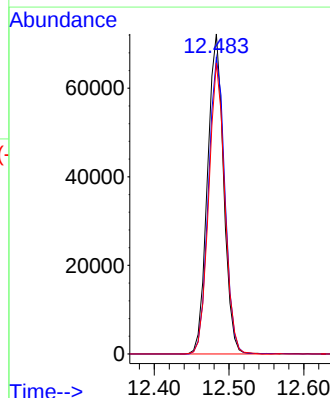
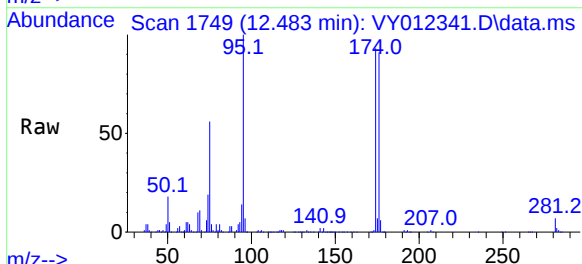
Instrument :
MSVOA_Y
ClientSampleId :
TP-23

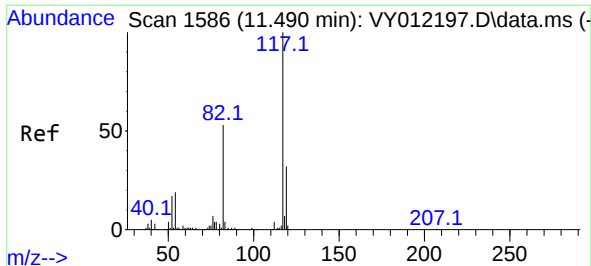
Tgt Ion: 98 Resp: 322371
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion: 95 Resp: 108508
Ion Ratio Lower Upper
95 100
174 94.7 0.0 172.0
176 90.3 0.0 167.6

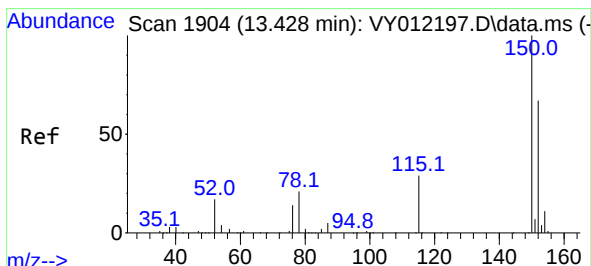
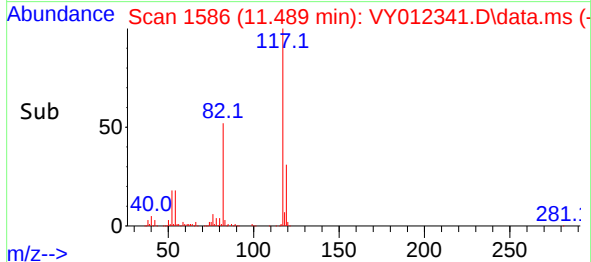
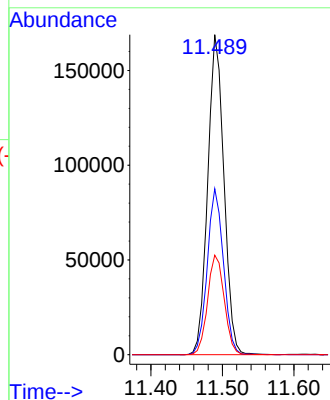
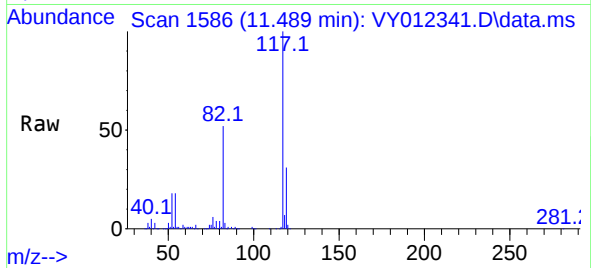




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012341.D
Acq: 24 Jan 2023 14:52

Instrument :
MSVOA_Y
ClientSampleId :
TP-23

Tgt Ion:117 Resp: 266115
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 31.1 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: VY012341.D
Acq: 24 Jan 2023 14:52

Tgt Ion:152 Resp: 126799
Ion Ratio Lower Upper
152 100
115 55.4 29.1 87.3
150 155.3 0.0 342.6

