

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012316.D
 Acq On : 23 Jan 2023 16:11
 Operator : KP/MD
 Sample : 01233-08RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-38ARE

Quant Time: Jan 23 16:34:31 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	7.795	168	4898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3188	80.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	161.920%
35) Dibromofluoromethane	7.728	113	1109	26.164	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	52.320%#
50) Toluene-d8	10.179	98	9489	65.998	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.000%
62) 4-Bromofluorobenzene	12.483	95	2573	43.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.120%

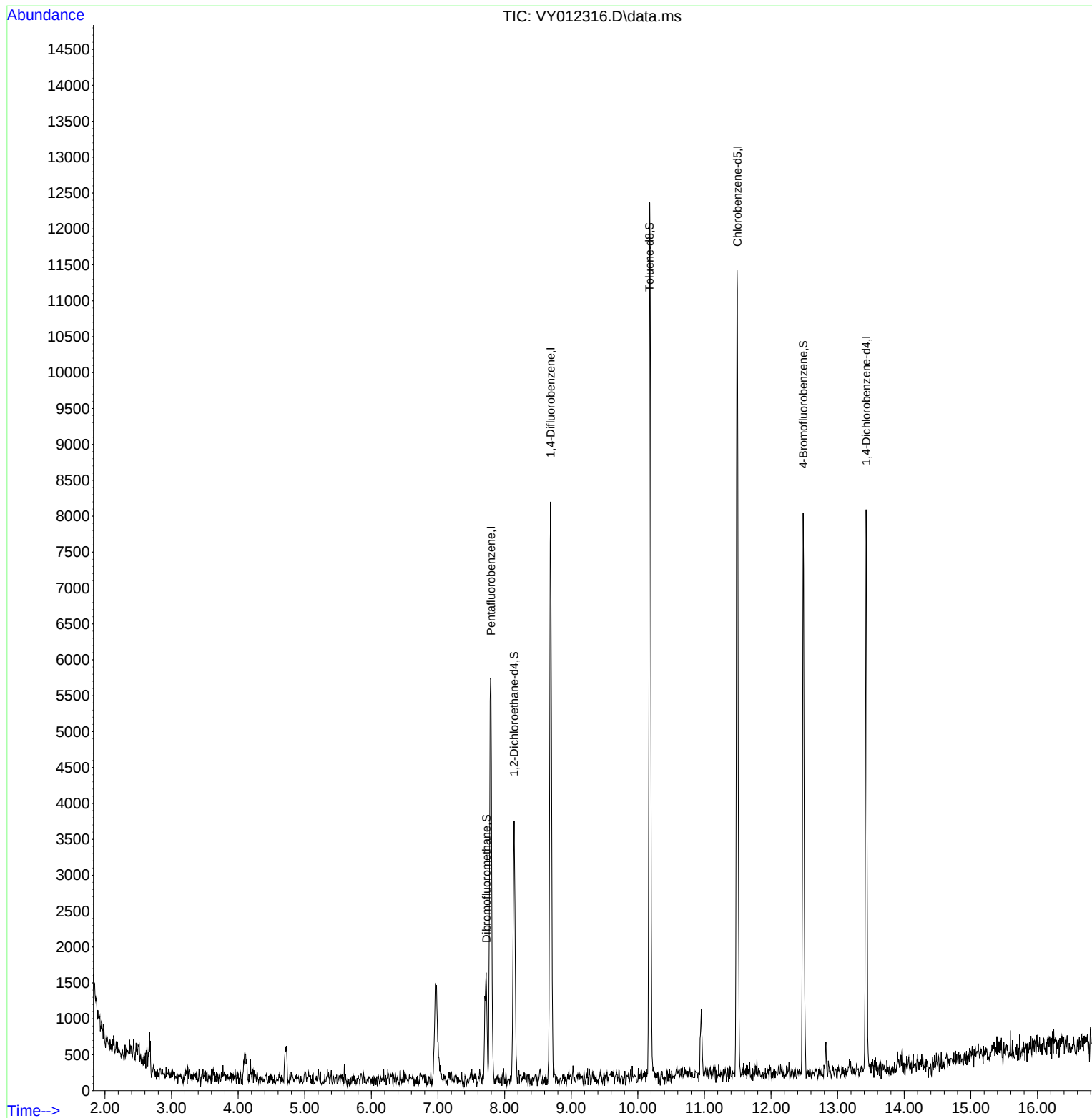
Target Compounds	Qvalue

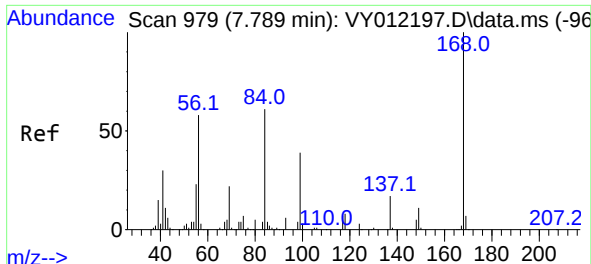
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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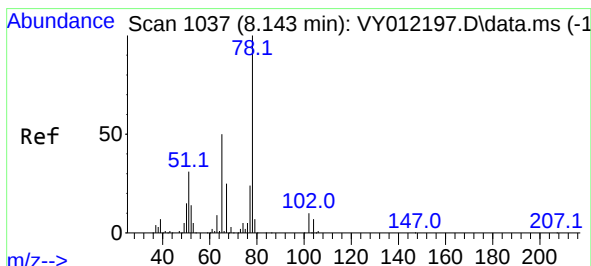
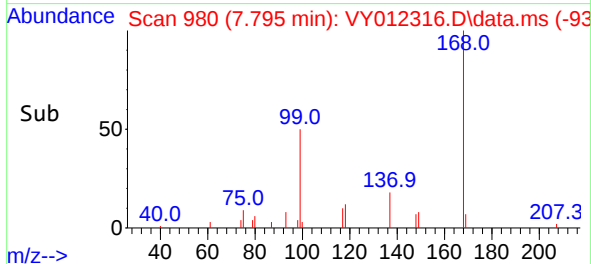
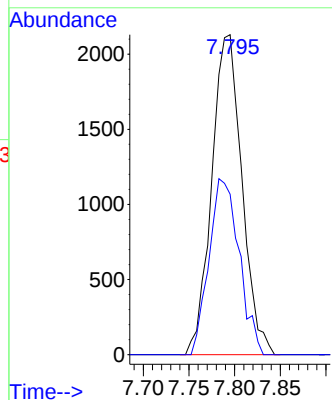
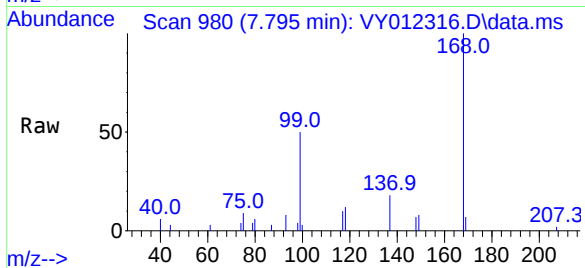




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

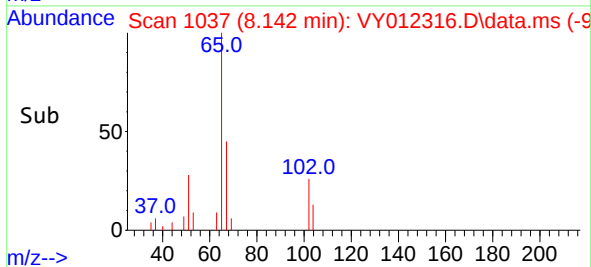
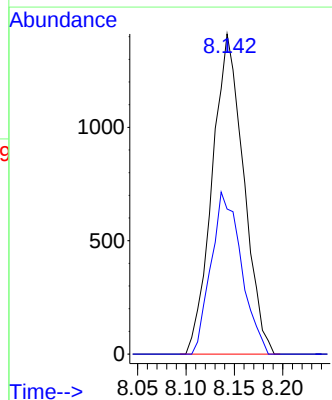
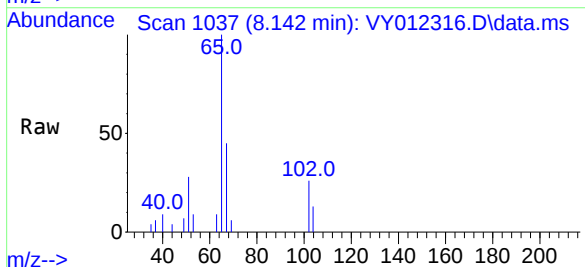
Instrument :
MSVOA_Y
ClientSampleId :
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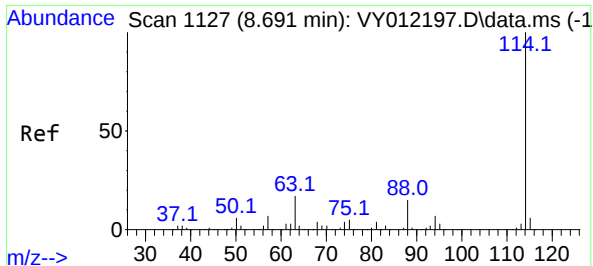
Tgt Ion:168 Resp: 4898
Ion Ratio Lower Upper
168 100
99 50.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 80.959 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion: 65 Resp: 3188
Ion Ratio Lower Upper
65 100
67 48.7 0.0 103.2

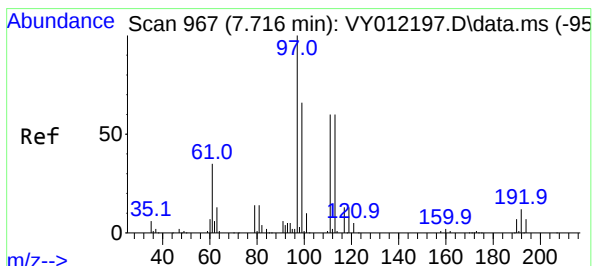
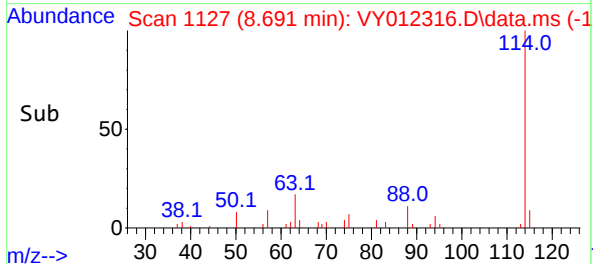
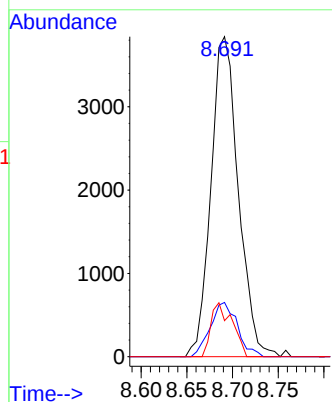
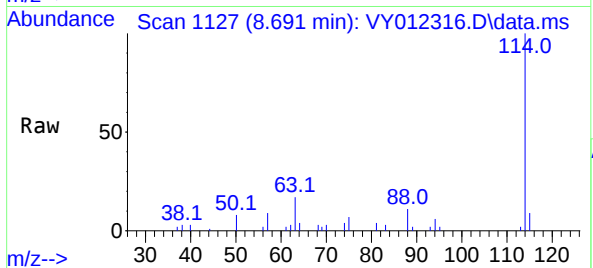




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

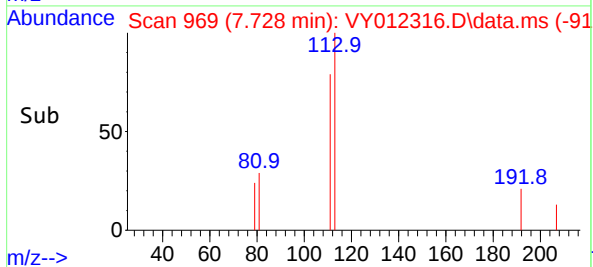
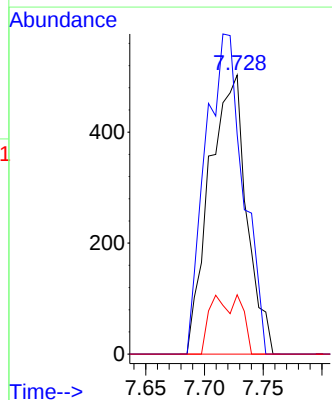
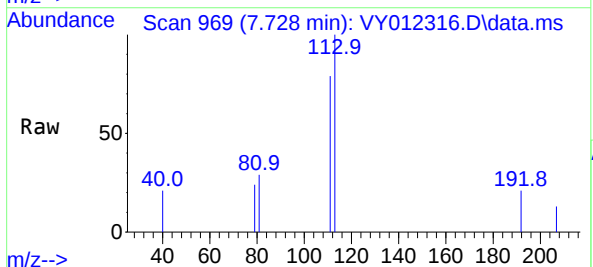
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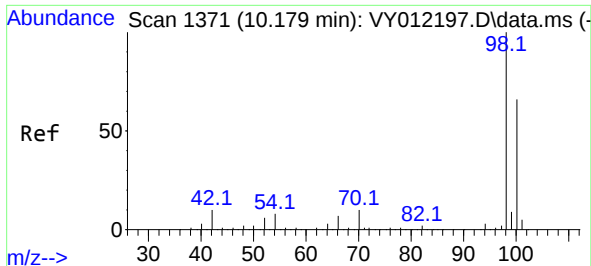
Tgt Ion:	114	Resp:	8005
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	39.6
88	11.3	0.0	32.2



#35
Dibromofluoromethane
Concen: 26.164 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion:	113	Resp:	1109
Ion	Ratio	Lower	Upper
113	100		
111	116.1	83.0	124.4
192	17.4	16.0	24.0

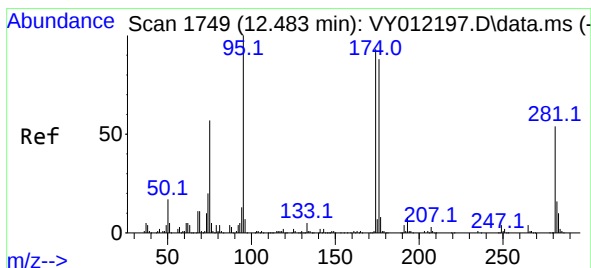
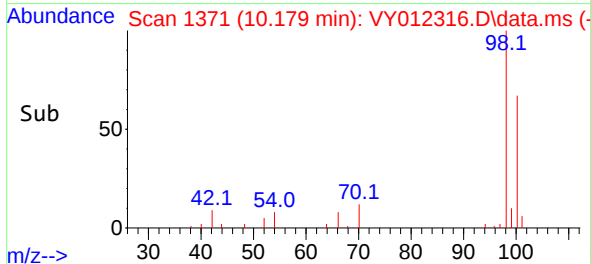
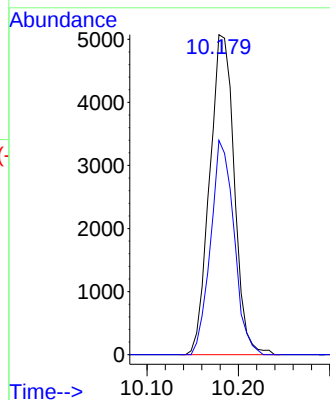
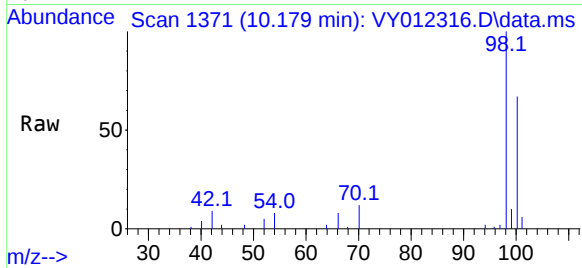




#50
Toluene-d8
Concen: 65.998 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

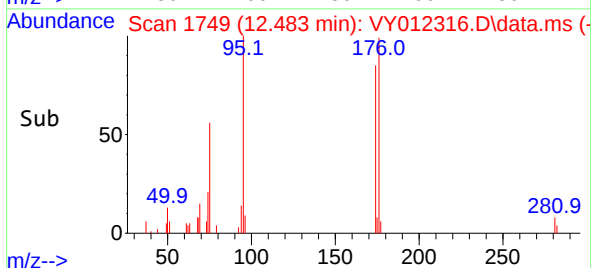
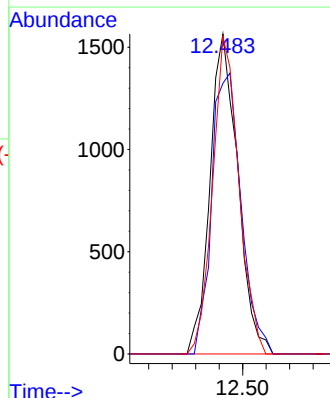
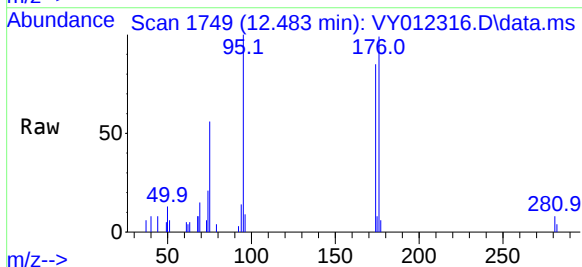
Instrument :
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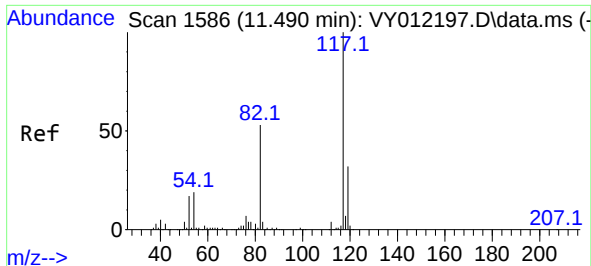
Tgt Ion: 98 Resp: 9489
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.061 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion: 95 Resp: 2573
Ion Ratio Lower Upper
95 100
174 93.0 0.0 172.0
176 93.7 0.0 167.6

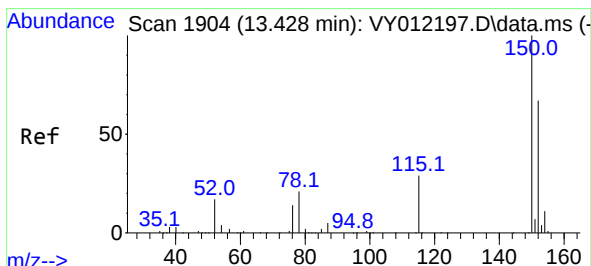
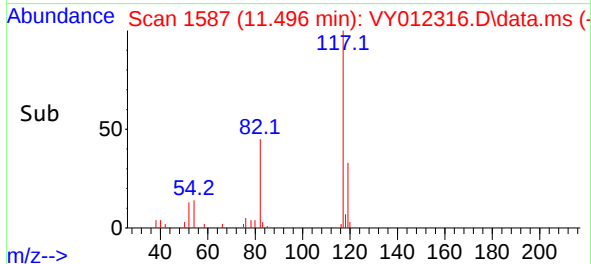
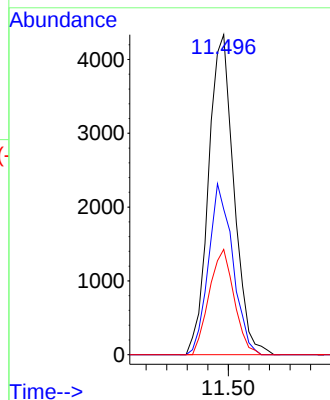
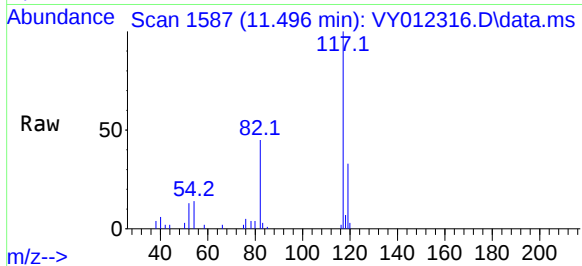




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012316.D
Acq: 23 Jan 2023 16:11

Instrument :
MSVOA_Y
ClientSampleId :
B-38ARE

Tgt Ion:	117	Resp:	7433
Ion	Ratio	Lower	Upper
117	100		
82	45.4	44.8	67.2
119	32.9	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: VY012316.D
Acq: 23 Jan 2023 16:11

Tgt Ion:	152	Resp:	2570
Ion	Ratio	Lower	Upper
152	100		
115	52.3	29.1	87.3
150	142.8	0.0	342.6

