

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012317.D
 Acq On : 23 Jan 2023 16:34
 Operator : KP/MD
 Sample : 01244-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-223

Quant Time: Jan 24 01:29:19 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	122311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72635	73.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.980%
35) Dibromofluoromethane	7.716	113	58694	55.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.179	98	237460	66.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.760%
62) 4-Bromofluorobenzene	12.483	95	76165	51.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.420%

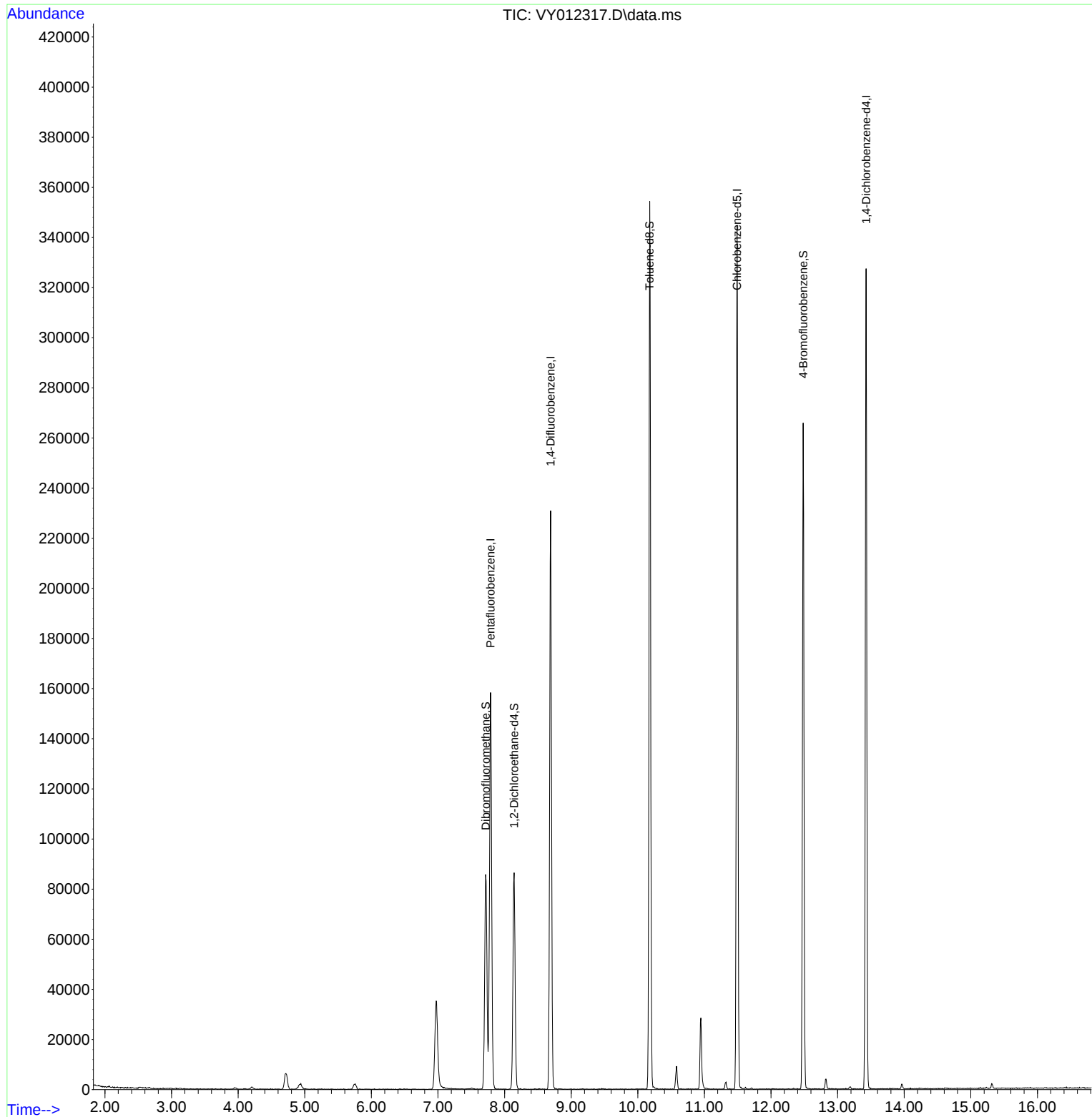
Target Compounds	Qvalue

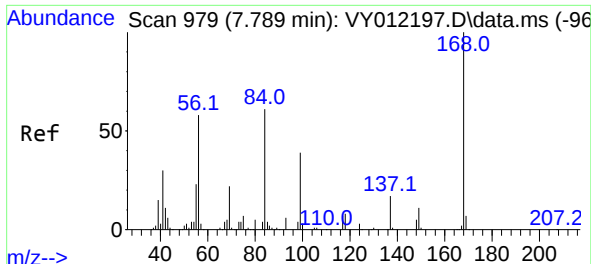
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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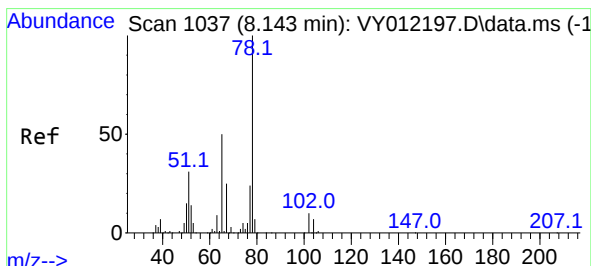
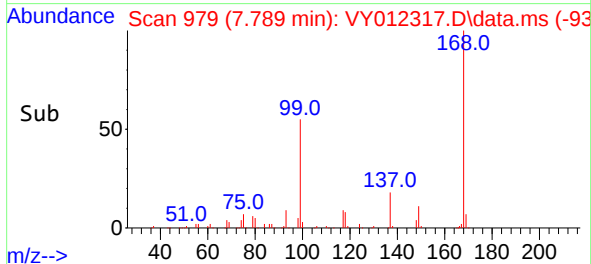
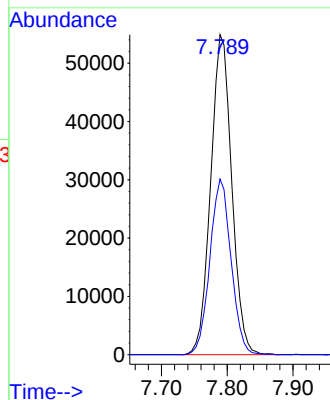
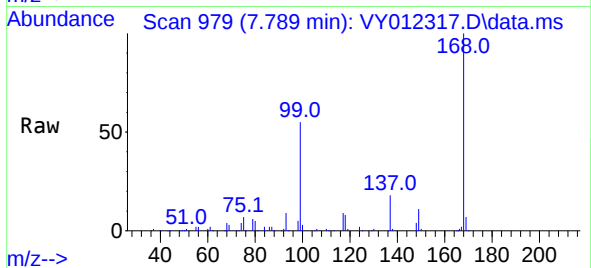




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012317.D
Acq: 23 Jan 2023 16:34

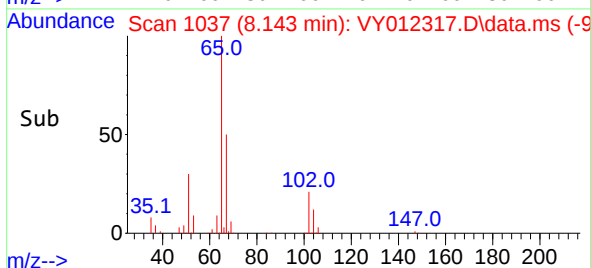
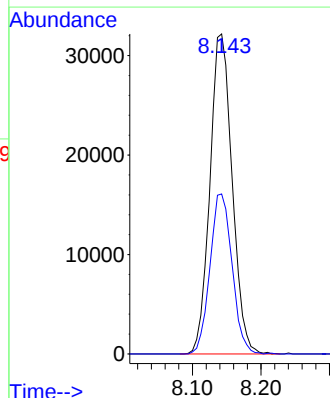
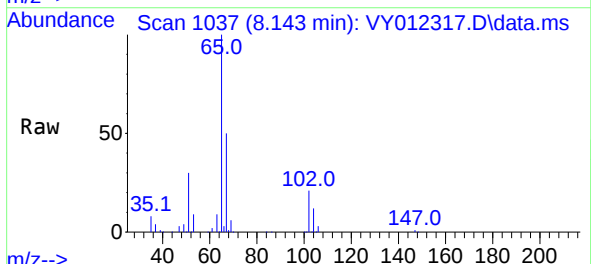
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

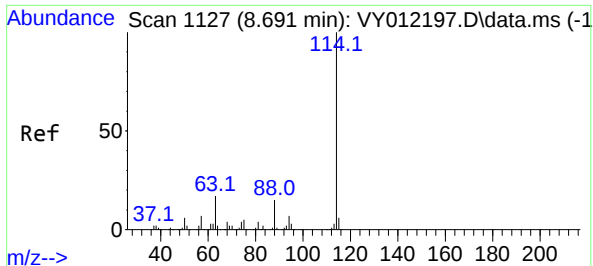
Tgt Ion:168 Resp: 122311
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 73.492 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012317.D
Acq: 23 Jan 2023 16:34

Tgt Ion: 65 Resp: 72635
Ion Ratio Lower Upper
65 100
67 49.6 0.0 103.2

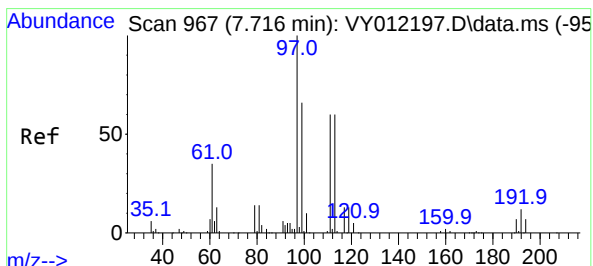
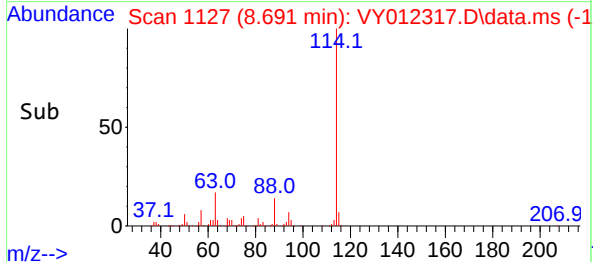
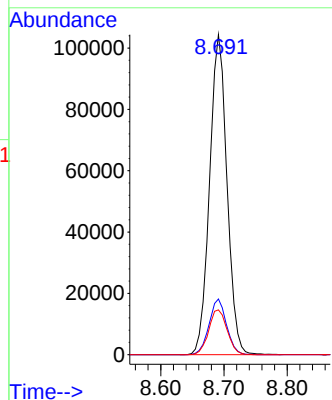
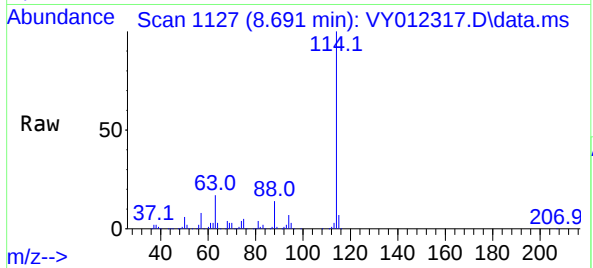




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012317.D
Acq: 23 Jan 2023 16:34

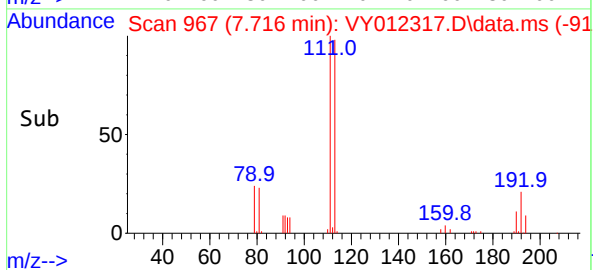
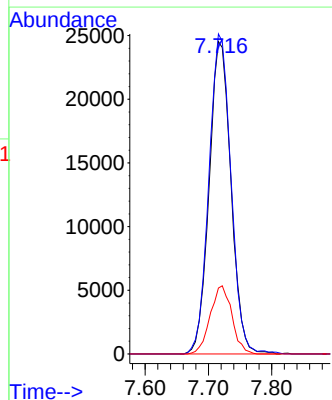
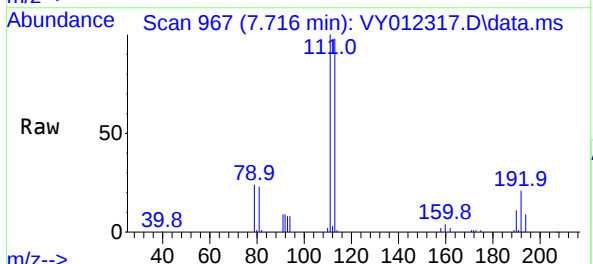
Instrument :
MSVOA_Y
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VNJ-223

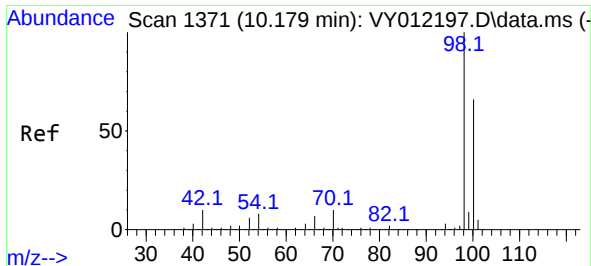
Tgt Ion:	114	Resp:	199261
Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	39.6
88	14.0	0.0	32.2



#35
Dibromofluoromethane
Concen: 55.630 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012317.D
Acq: 23 Jan 2023 16:34

Tgt Ion:	113	Resp:	58694
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.4
192	21.7	16.0	24.0

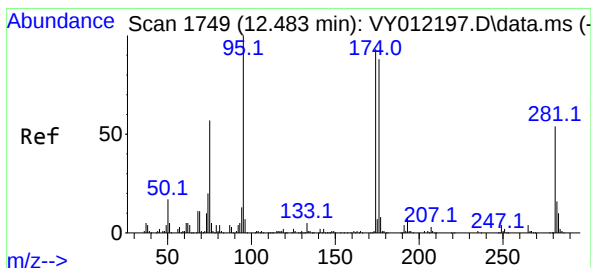
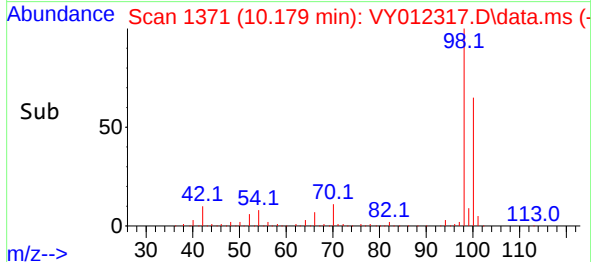
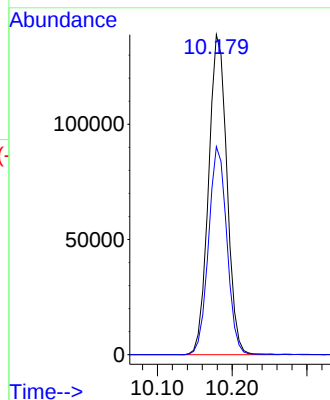
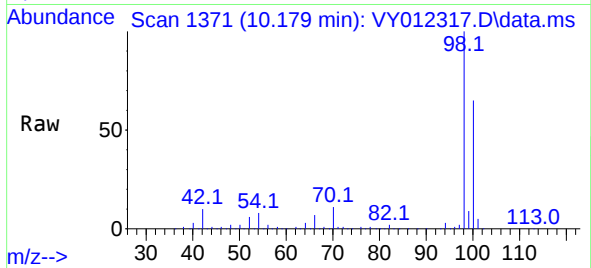




#50
Toluene-d8
Concen: 66.375 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012317.D
Acq: 23 Jan 2023 16:34

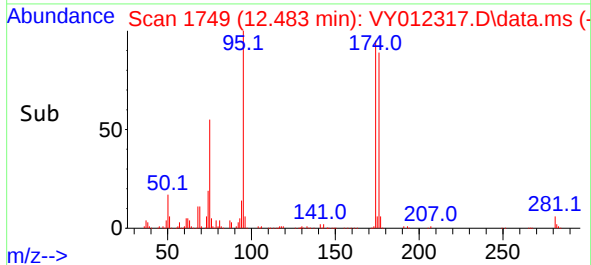
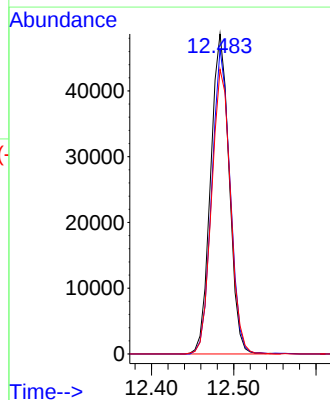
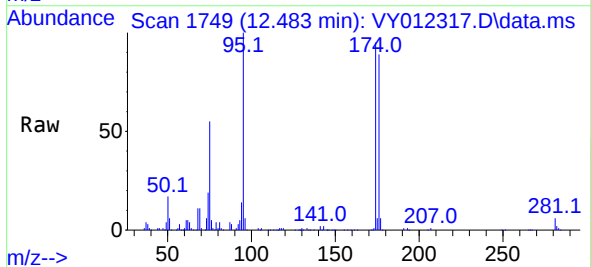
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

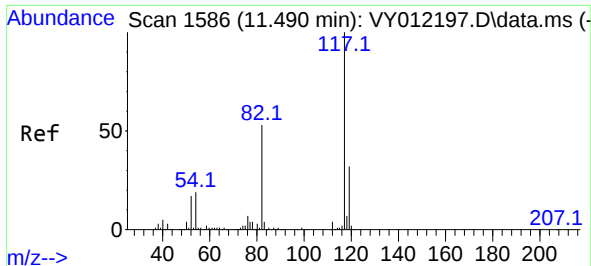
Tgt Ion: 98 Resp: 237460
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.209 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012317.D
Acq: 23 Jan 2023 16:34

Tgt Ion: 95 Resp: 76165
Ion Ratio Lower Upper
95 100
174 93.7 0.0 172.0
176 90.6 0.0 167.6

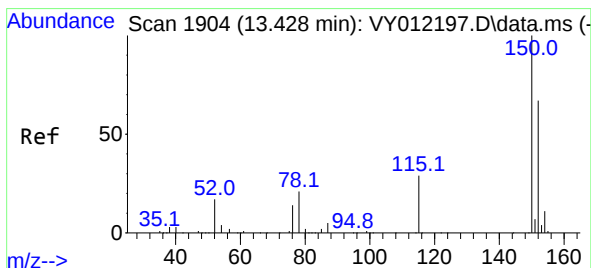
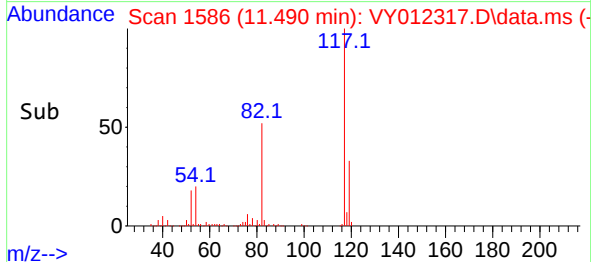
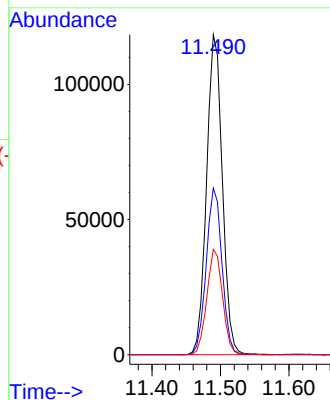
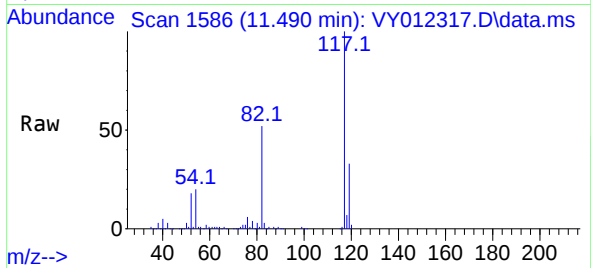




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012317.D
Acq: 23 Jan 2023 16:34

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-223

Tgt Ion:117 Resp: 190094
Ion Ratio Lower Upper
117 100
82 52.1 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: VY012317.D
Acq: 23 Jan 2023 16:34

Tgt Ion:152 Resp: 87790
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.3
150 156.6 0.0 342.6

