

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011558.D
 Acq On : 22 Nov 2022 19:09
 Operator : KP/MD
 Sample : N5678-19RE
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 250FB-BP-BACKFILL-10RE

Quant Time: Nov 23 04:09:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	178990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	345233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129698	71.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.720%
35) Dibromofluoromethane	7.722	113	113576	53.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.880%
50) Toluene-d8	10.179	98	426146	55.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.360%
62) 4-Bromofluorobenzene	12.483	95	137336	48.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.200%

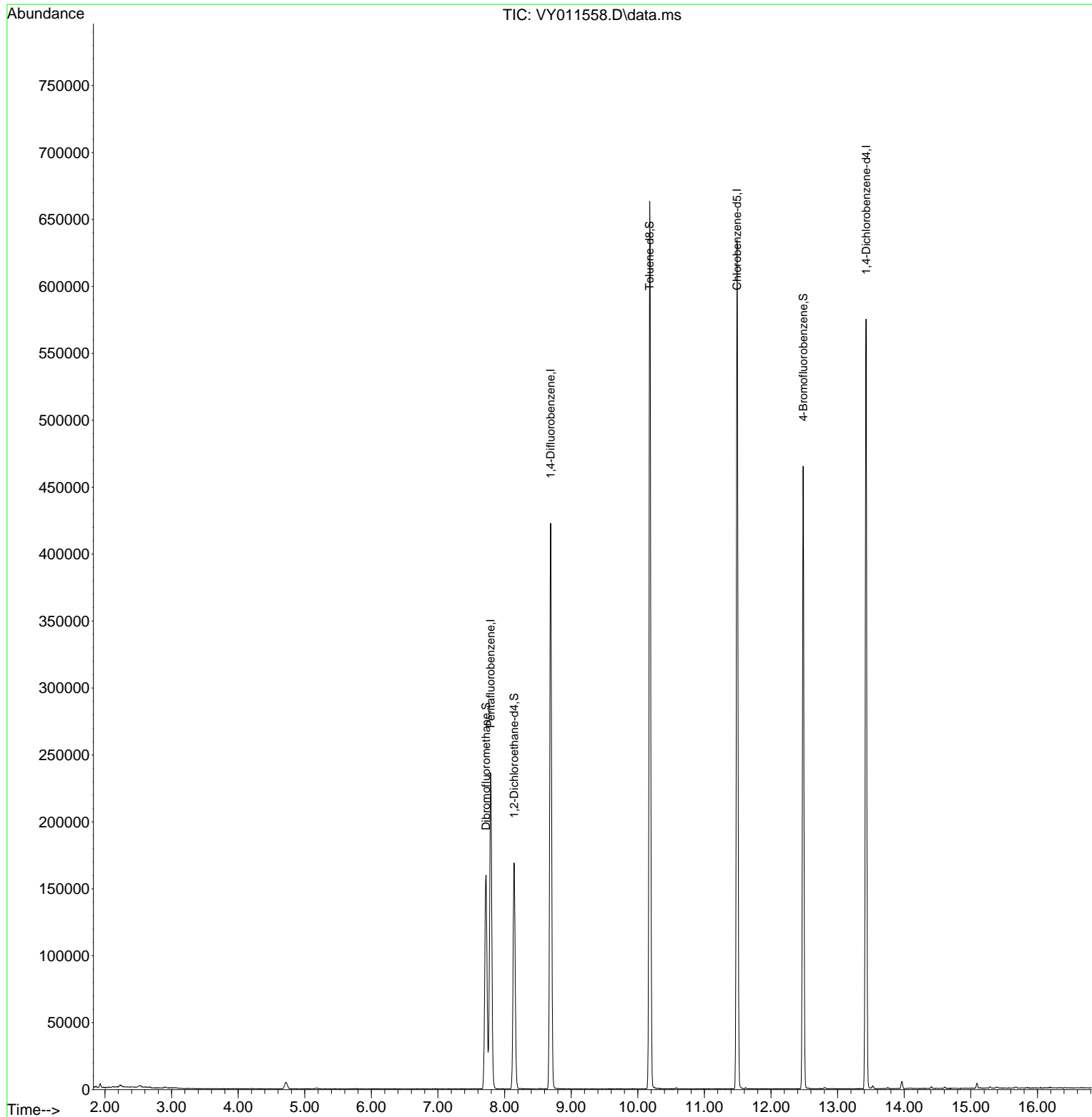
Target Compounds Qvalue

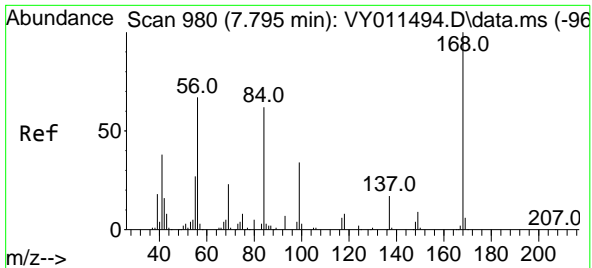
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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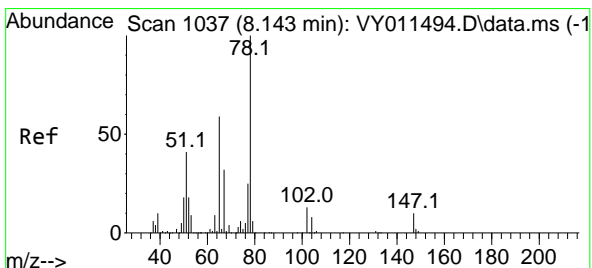
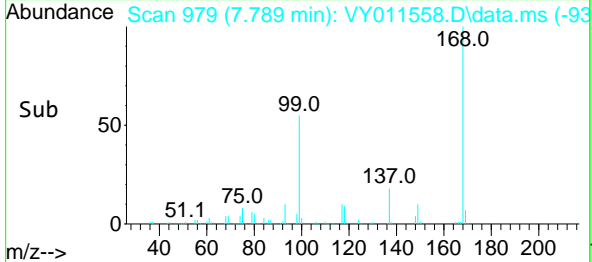
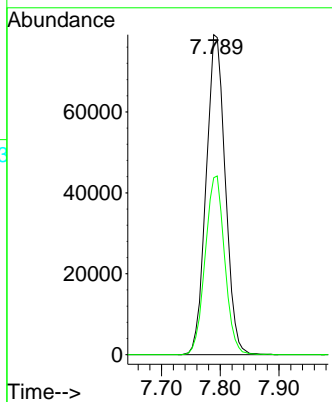
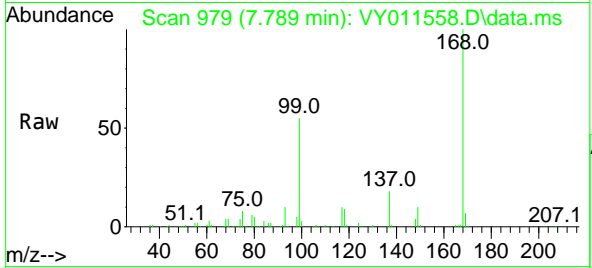




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY011558.D
 Acq: 22 Nov 2022 19:09

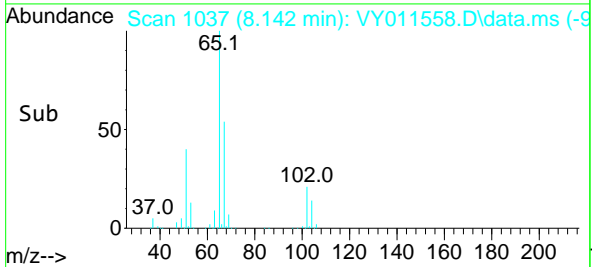
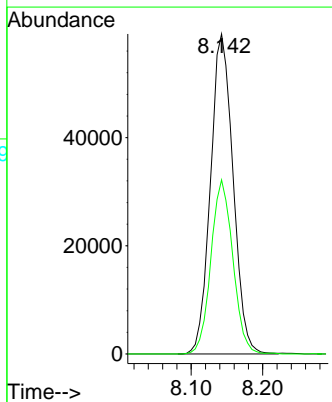
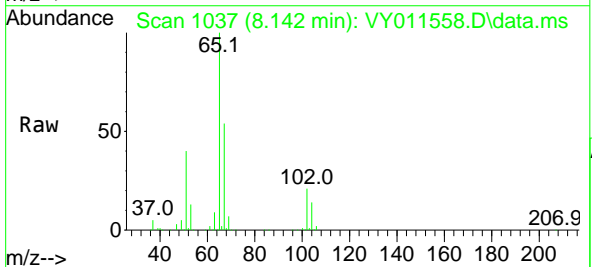
Instrument : MSVOA_Y
 ClientSampleId : 250FB-BP-BACKFILL-10RE

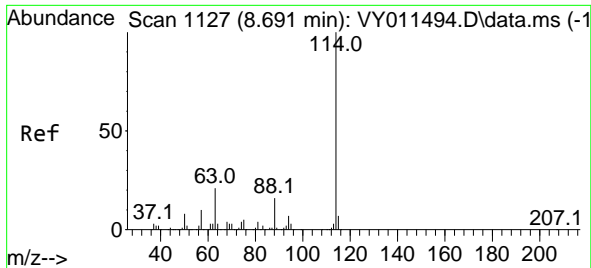
Tgt Ion:168 Resp: 178990
 Ion Ratio Lower Upper
 168 100
 99 55.3 46.9 70.3



#33
 1,2-Dichloroethane-d4
 Concen: 71.362 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY011558.D
 Acq: 22 Nov 2022 19:09

Tgt Ion: 65 Resp: 129698
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 99.4

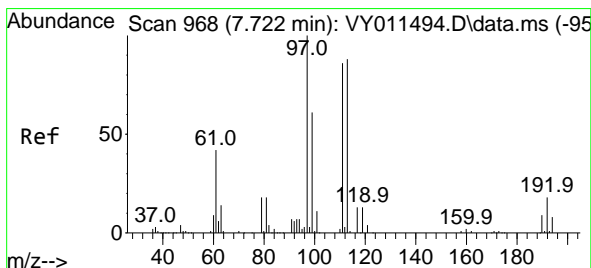
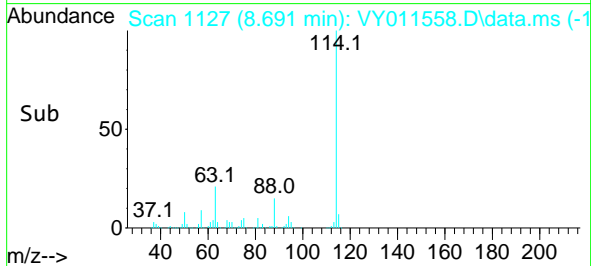
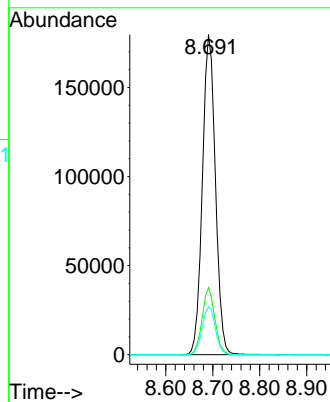
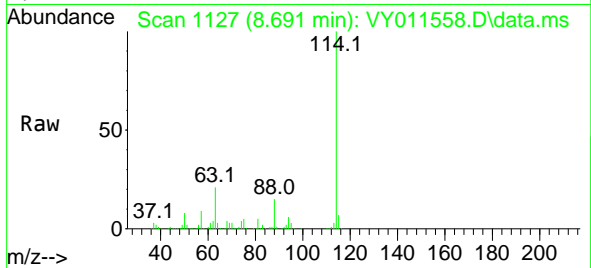




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011558.D
 Acq: 22 Nov 2022 19:09

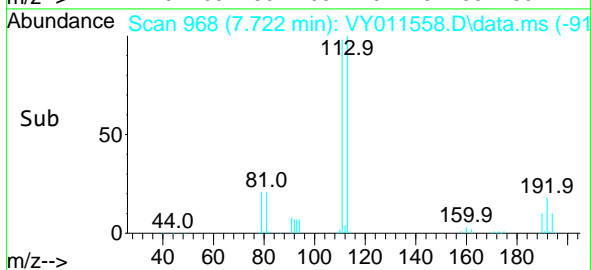
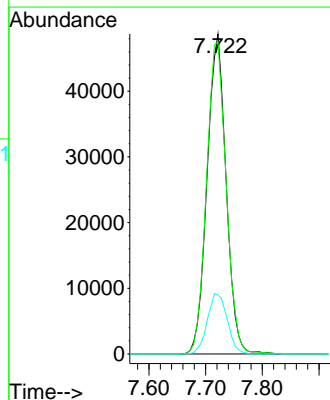
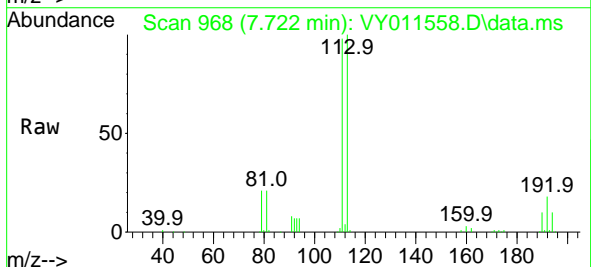
Instrument : MSVOA_Y
 ClientSampleId : 250FB-BP-BACKFILL-10RE

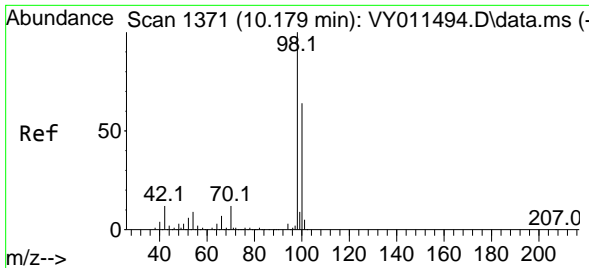
Tgt Ion	Resp	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	14.9	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.442 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VY011558.D
 Acq: 22 Nov 2022 19:09

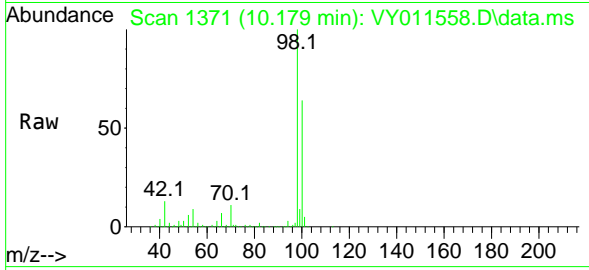
Tgt Ion	Resp	Lower	Upper
113	100		
111	100.9	82.6	124.0
192	19.7	17.6	26.4



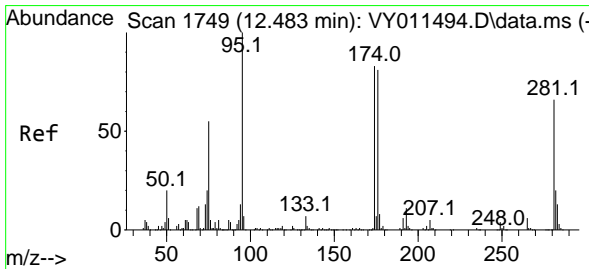
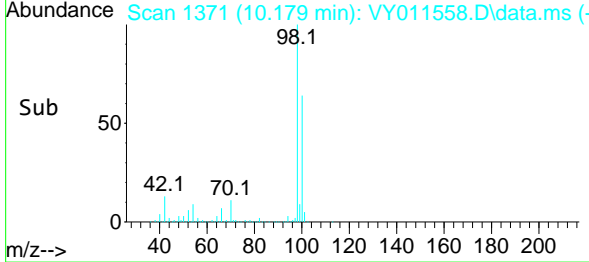
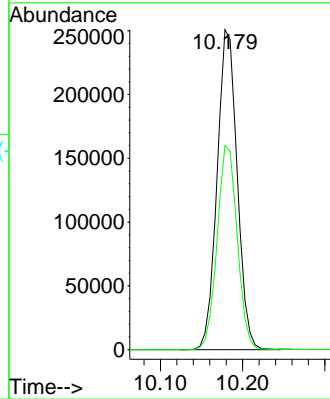


#50
 Toluene-d8
 Concen: 55.180 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY011558.D
 Acq: 22 Nov 2022 19:09

Instrument : MSVOA_Y
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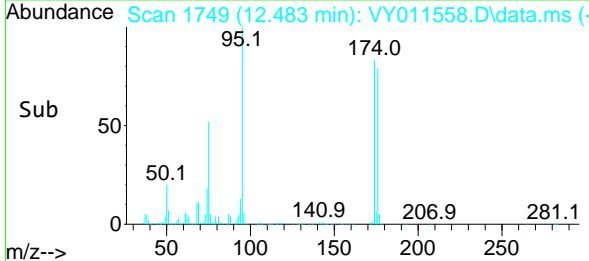
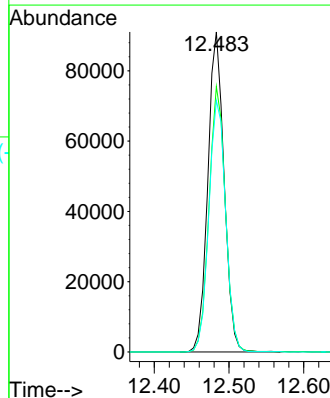
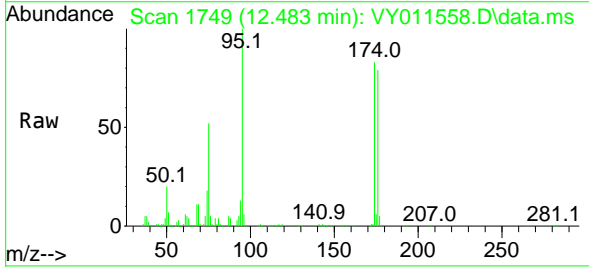


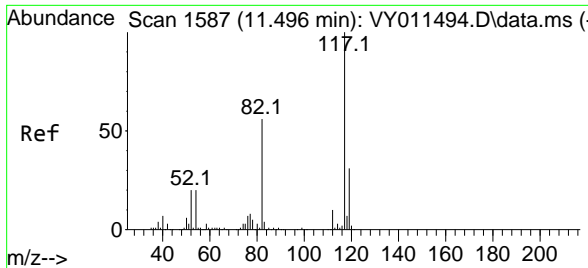
Tgt Ion: 98 Resp: 426146
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.2 75.2



#62
 4-Bromofluorobenzene
 Concen: 48.097 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY011558.D
 Acq: 22 Nov 2022 19:09

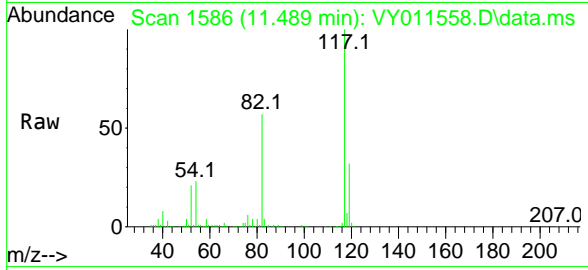
Tgt Ion: 95 Resp: 137336
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 177.0
 176 81.7 0.0 175.8





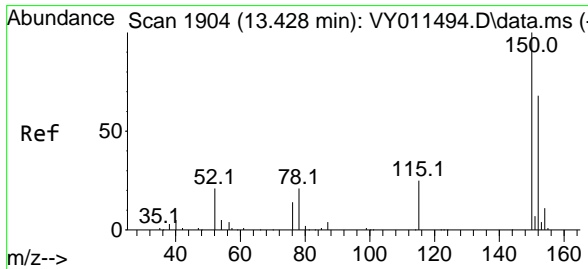
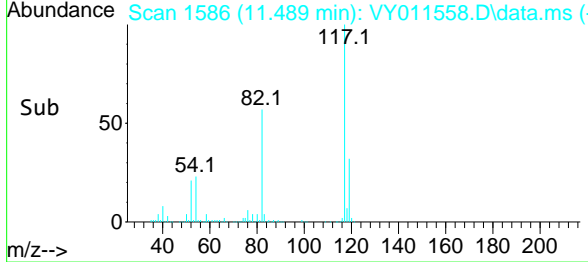
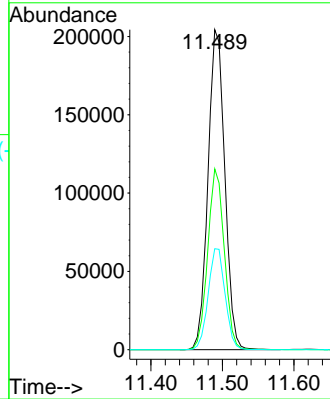
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 111
 Delta R.T. -0.007 min
 Lab File: VY011558.D
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Tgt Ion:117 Resp: 333913

Ion	Ratio	Lower	Upper
117	100		
82	56.5	43.0	64.4
119	31.5	25.4	38.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011558.D
 Acq: 22 Nov 2022 19:09

Tgt Ion:152 Resp: 144587

Ion	Ratio	Lower	Upper
152	100		
115	58.7	28.2	84.7
150	157.0	0.0	347.6

