

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011874.D
 Acq On : 15 Dec 2022 16:07
 Operator : KP/MD
 Sample : N6038-20
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-39-(0-2)

Quant Time: Dec 16 00:15:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	268823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	441647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106084	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	96255	52.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.722	113	109859	56.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.980%
50) Toluene-d8	10.179	98	290930	44.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.980%
62) 4-Bromofluorobenzene	12.483	95	106389	40.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.400%

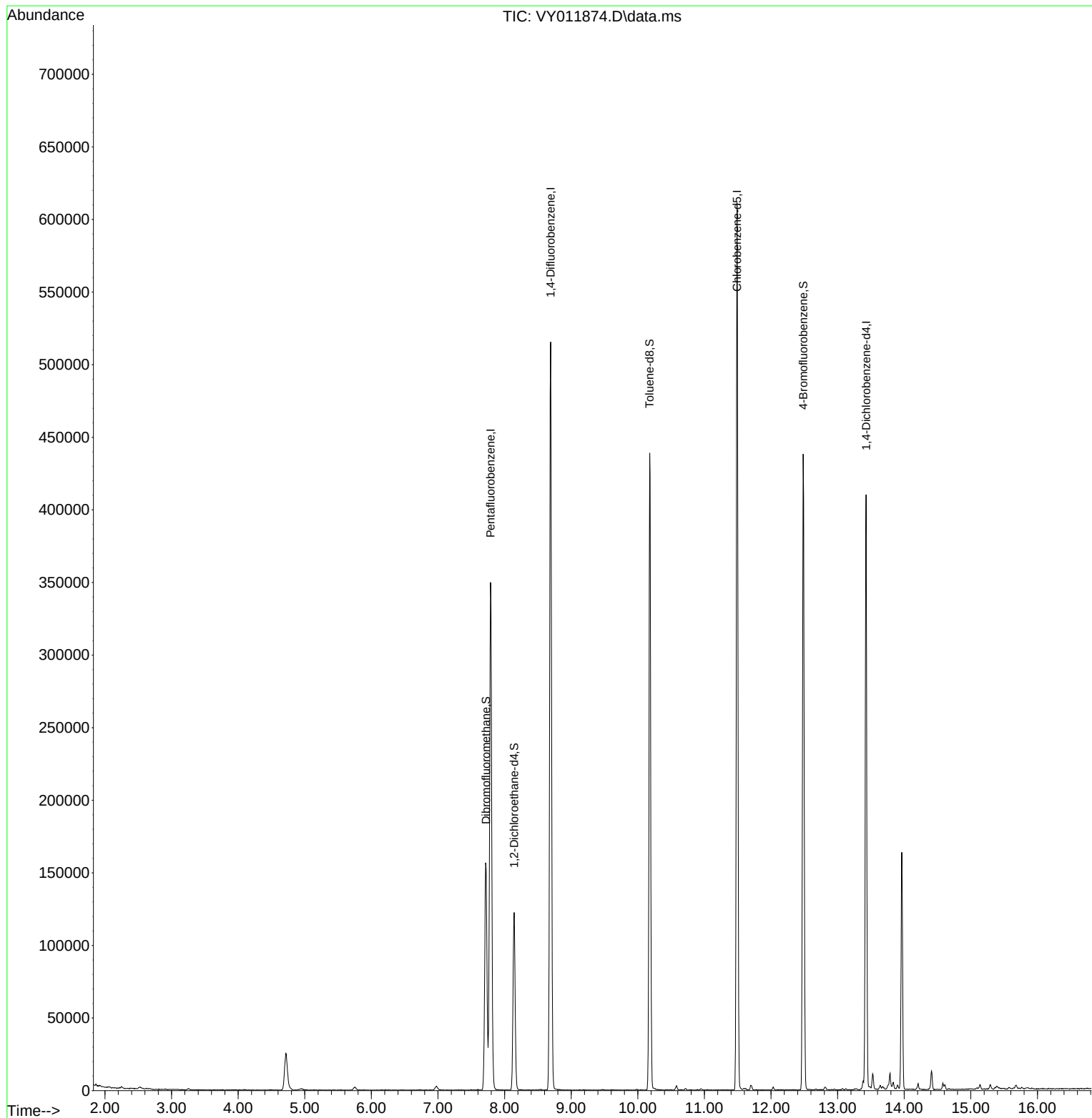
Target Compounds	Qvalue

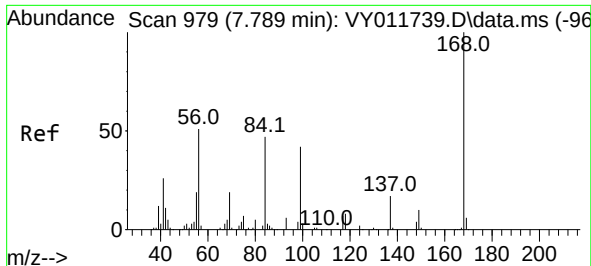
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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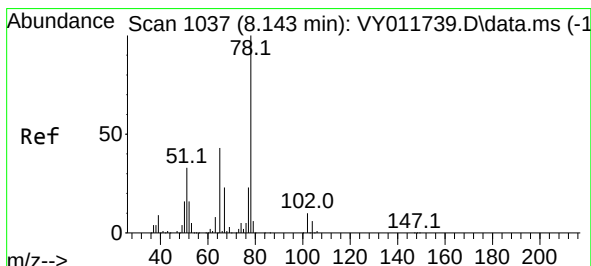
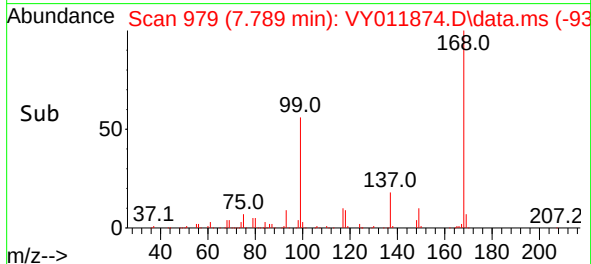
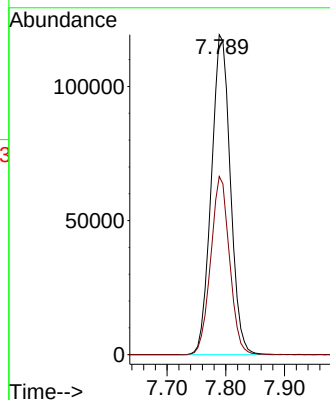
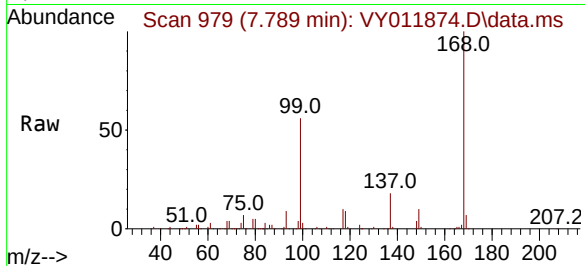




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

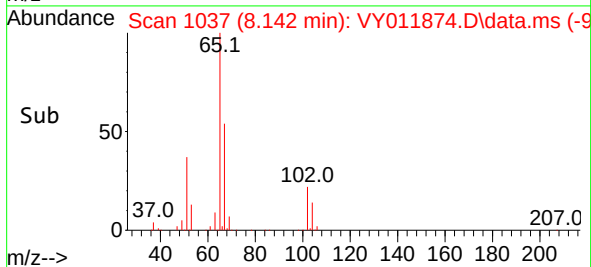
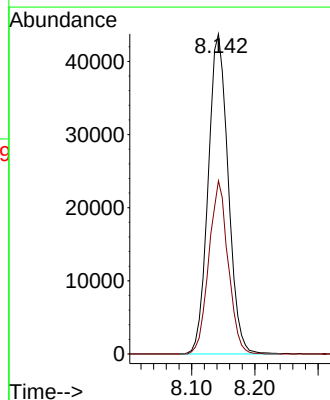
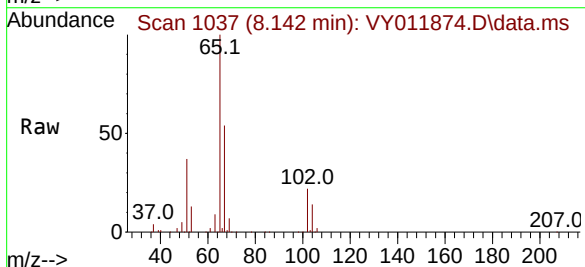
Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(0-2)

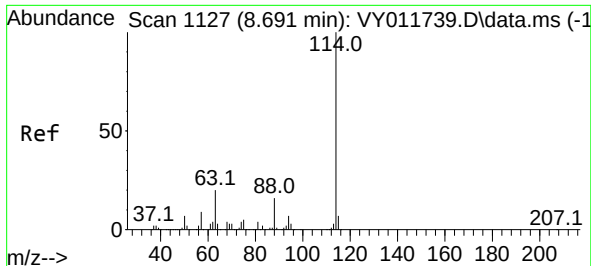
Tgt Ion:168 Resp: 268823
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.734 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

Tgt Ion: 65 Resp: 96255
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2

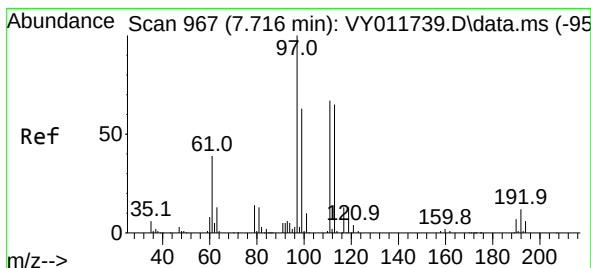
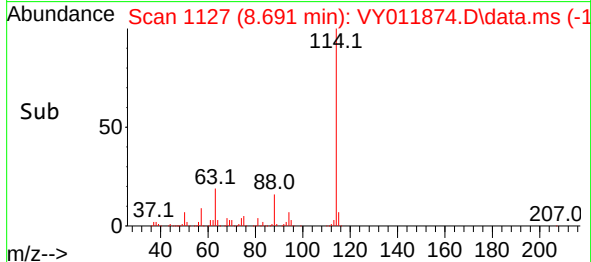
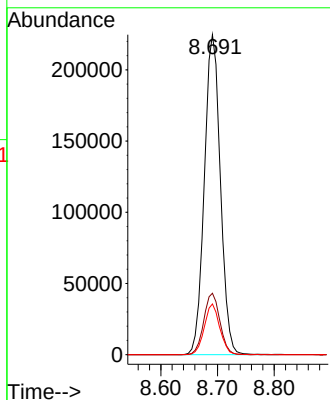
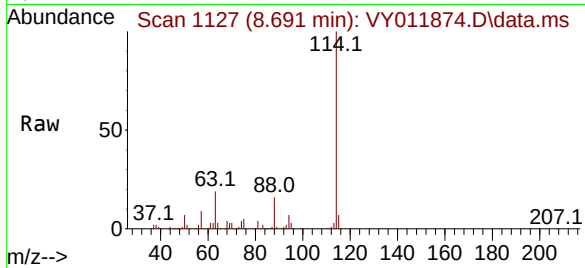




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

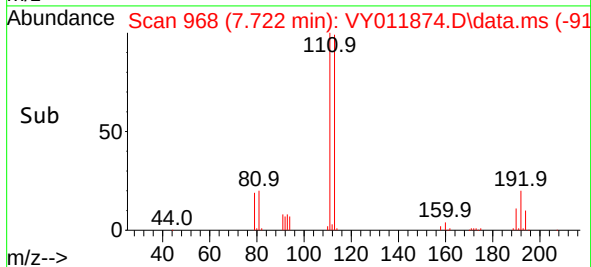
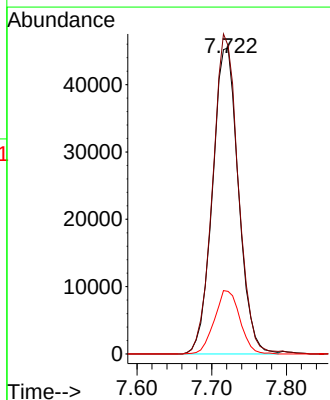
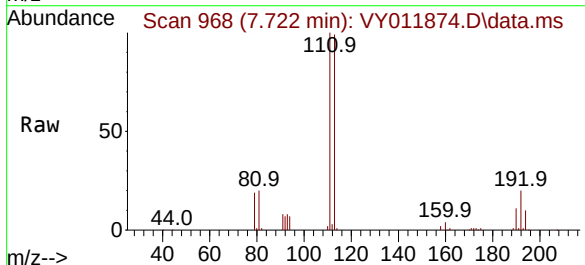
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ClientSampleId :
RB-39-(0-2)

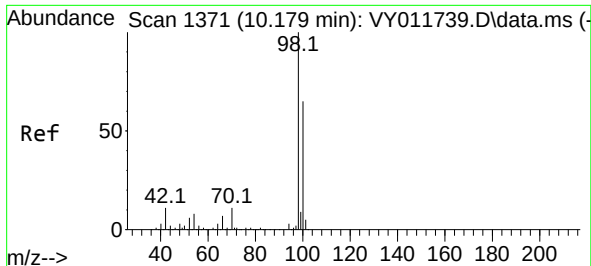
Tgt Ion:	114	Resp:	441647
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	39.6
88	15.9	0.0	32.2



#35
Dibromofluoromethane
Concen: 56.492 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

Tgt Ion:	113	Resp:	109859
Ion Ratio	Lower	Upper	
113	100		
111	103.0	83.0	124.4
192	20.3	16.0	24.0

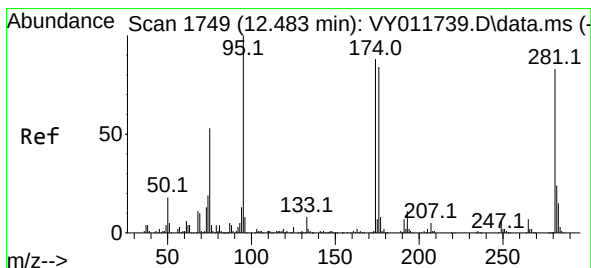
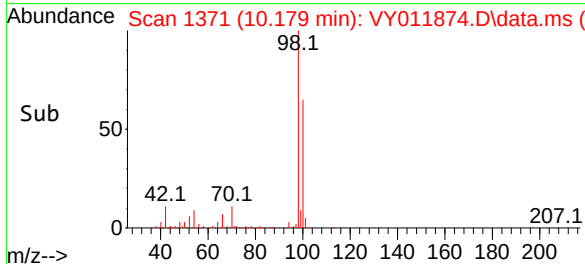
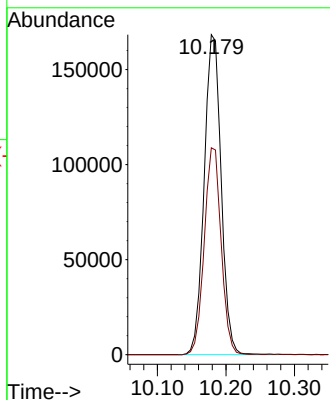
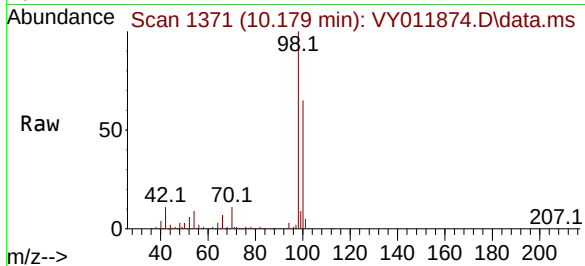




#50
Toluene-d8
Concen: 44.491 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

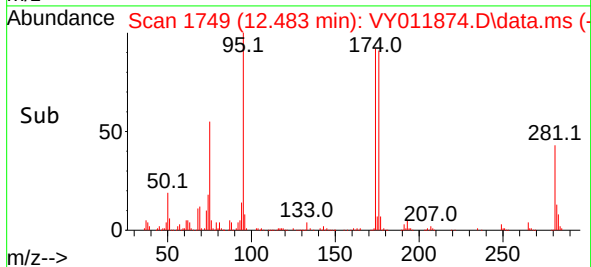
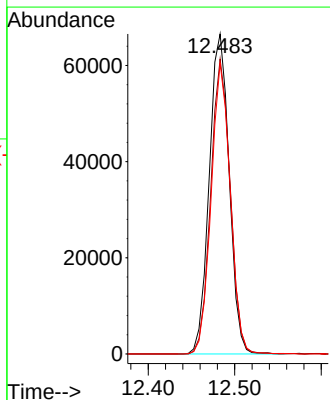
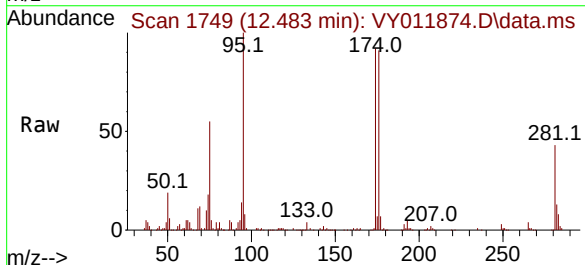
Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(0-2)

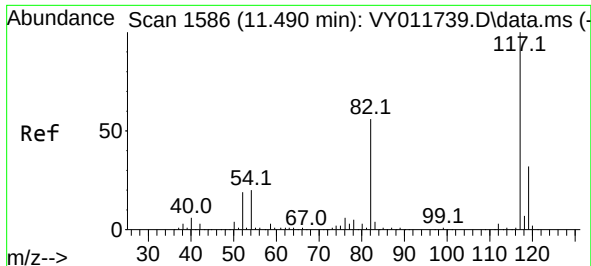
Tgt Ion: 98 Resp: 290930
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.699 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

Tgt Ion: 95 Resp: 106389
Ion Ratio Lower Upper
95 100
174 90.2 0.0 172.0
176 87.2 0.0 167.6

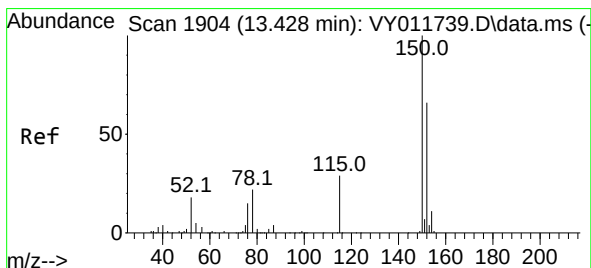
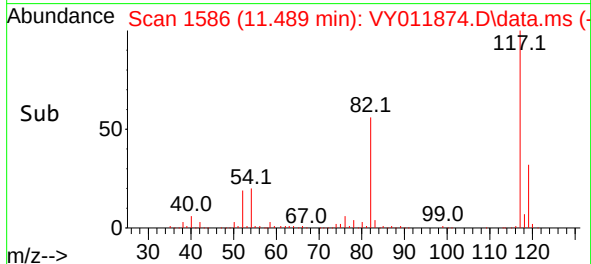
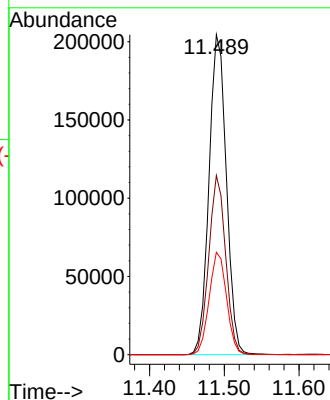
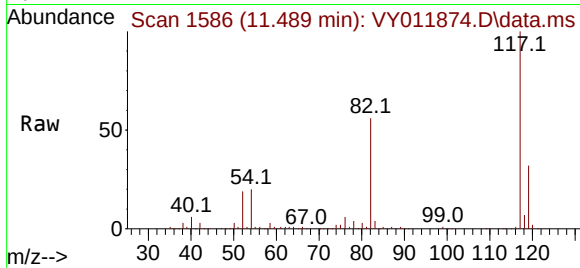




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

Instrument :
MSVOA_Y
ClientSampleId :
RB-39-(0-2)

Tgt Ion:117 Resp: 330097
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011874.D
Acq: 15 Dec 2022 16:07

Tgt Ion:152 Resp: 106084
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.3
150 158.0 0.0 342.6

