

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008447.D
 Acq On : 21 Apr 2022 17:49
 Operator : KP/MD
 Sample : N2476-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-03-041922

Quant Time: Apr 22 05:26:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	3433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1740	95.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.440%#	
35) Dibromofluoromethane	7.722	113	1142	54.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.760%	
50) Toluene-d8	10.179	98	3745	44.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.960%	
62) 4-Bromofluorobenzene	12.483	95	1551	54.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.700%	

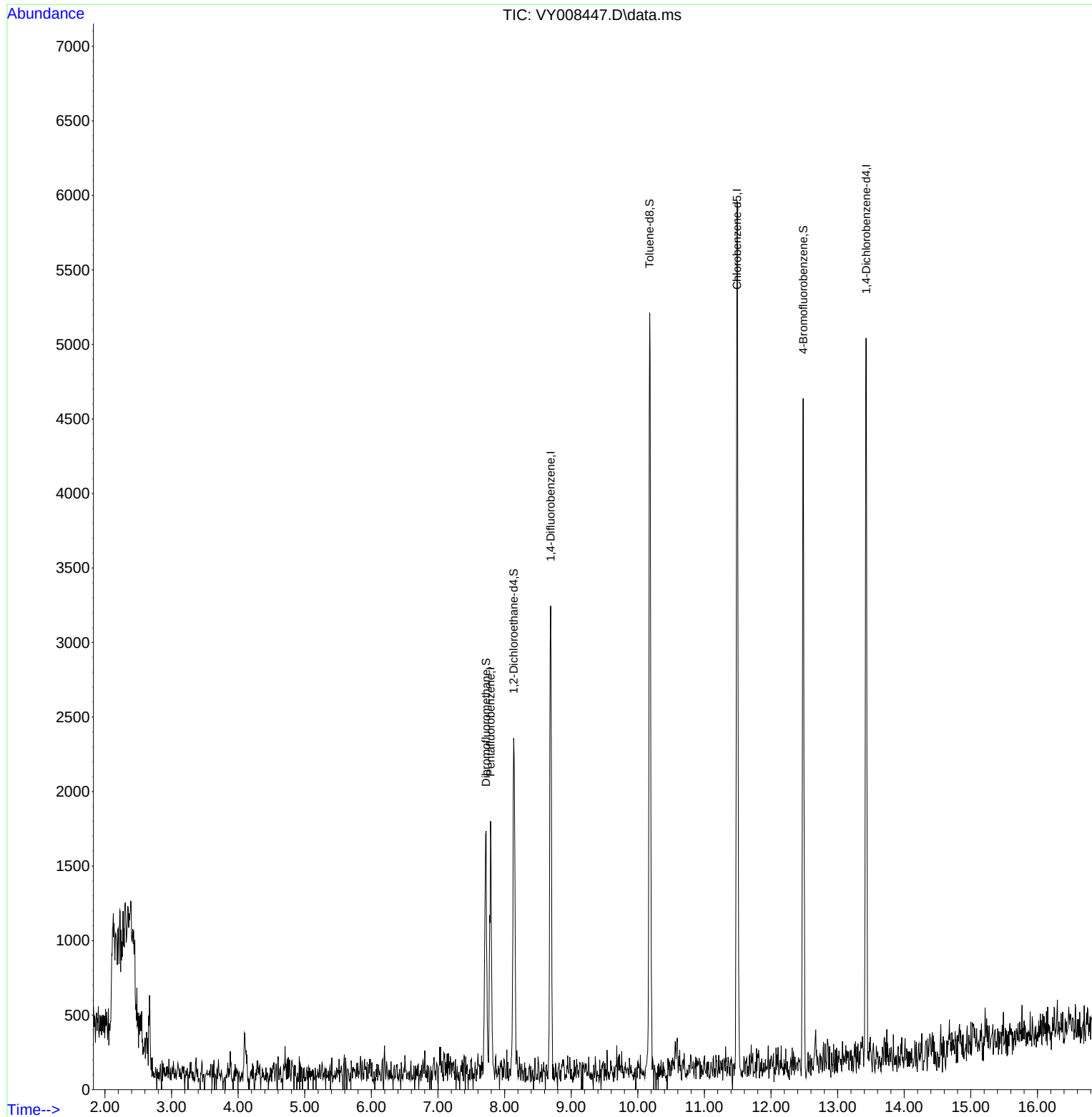
Target Compounds Qvalue

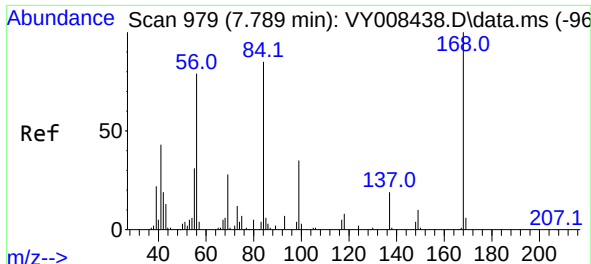
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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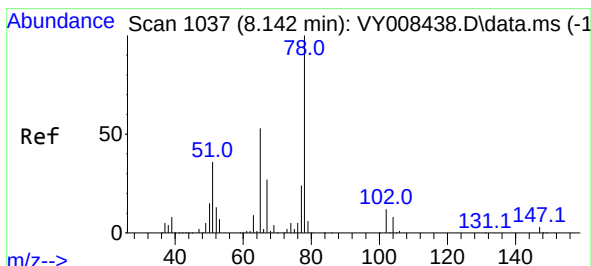
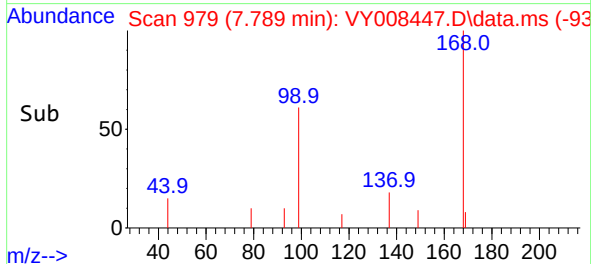
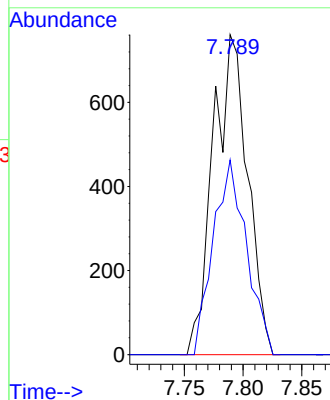
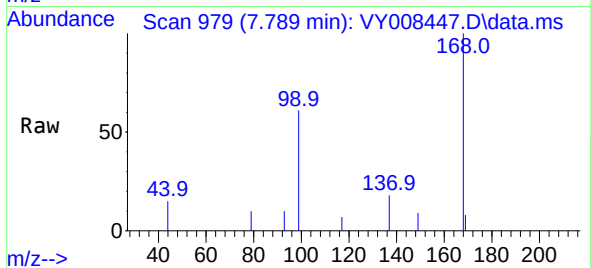




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008447.D
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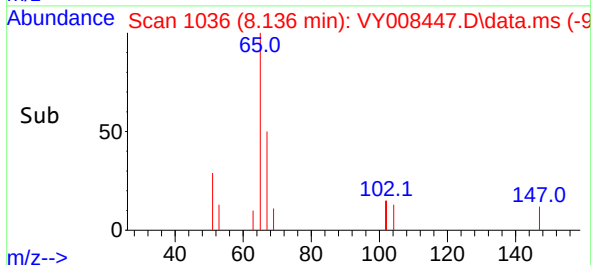
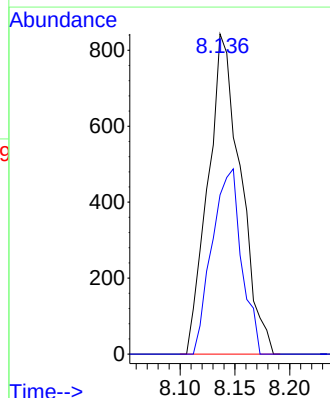
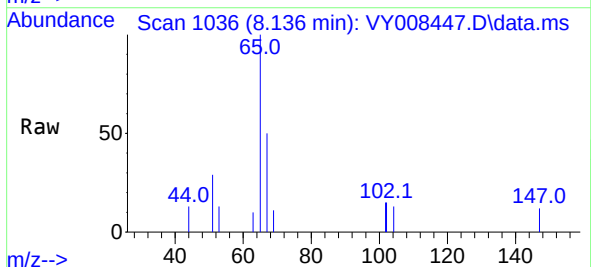
Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-041922

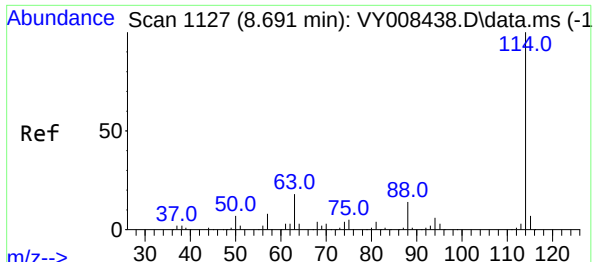
Tgt Ion:168 Resp: 1553
Ion Ratio Lower Upper
168 100
99 60.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 95.223 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008447.D
Acq: 21 Apr 2022 17:49

Tgt Ion: 65 Resp: 1740
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

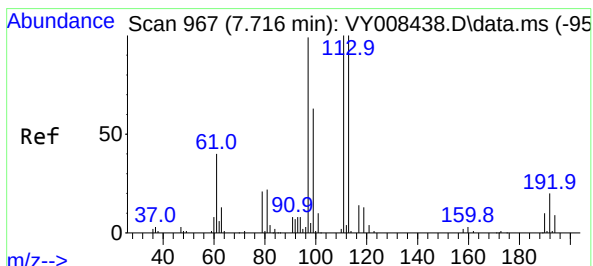
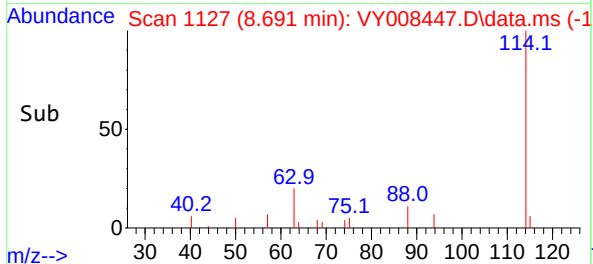
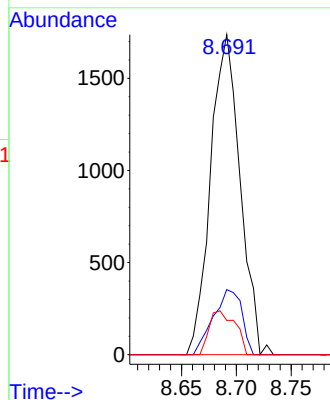
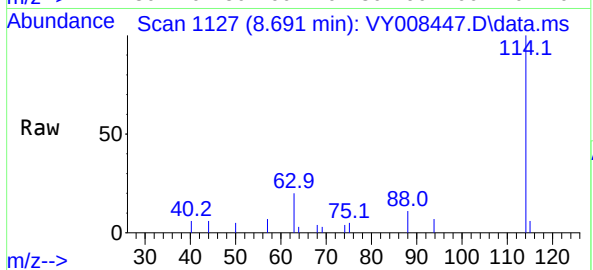




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008447.D
Acq: 21 Apr 2022 17:49

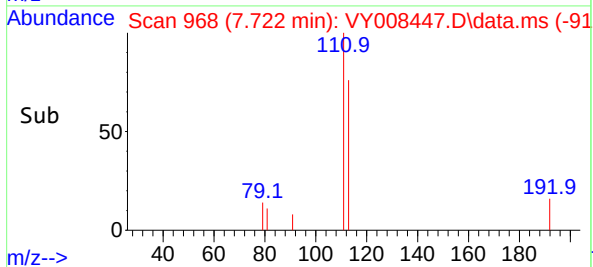
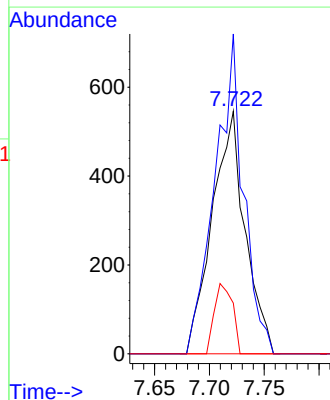
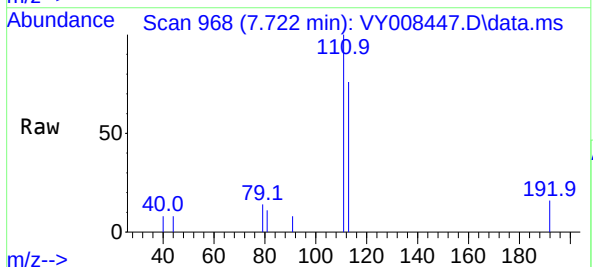
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ClientSampleId :
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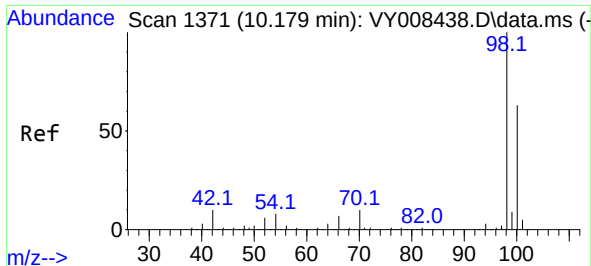
Tgt Ion:114	Resp:	3254
Ion Ratio	Lower	Upper
114	100	
63	20.4	0.0 43.2
88	10.7	0.0 31.8



#35
Dibromofluoromethane
Concen: 54.379 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008447.D
Acq: 21 Apr 2022 17:49

Tgt Ion:113	Resp:	1142
Ion Ratio	Lower	Upper
113	100	
111	113.9	82.6 124.0
192	15.9	17.6 26.4#

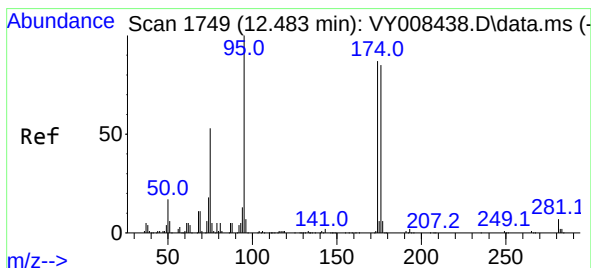
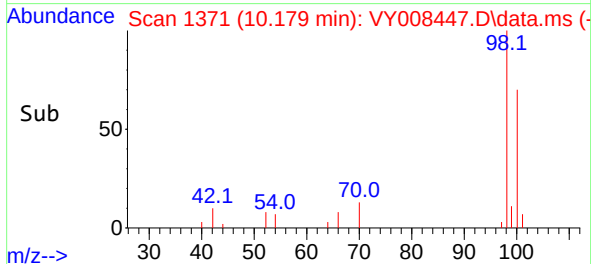
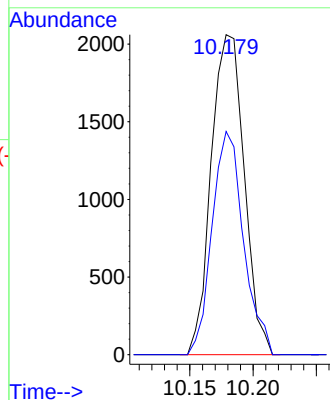
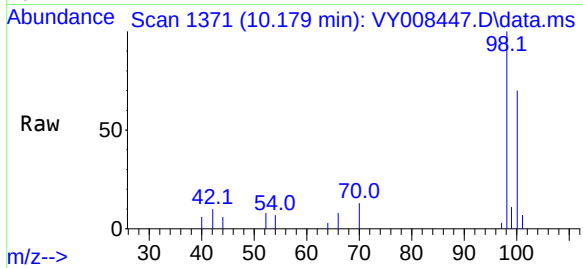




#50
Toluene-d8
Concen: 44.976 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008447.D
Acq: 21 Apr 2022 17:49

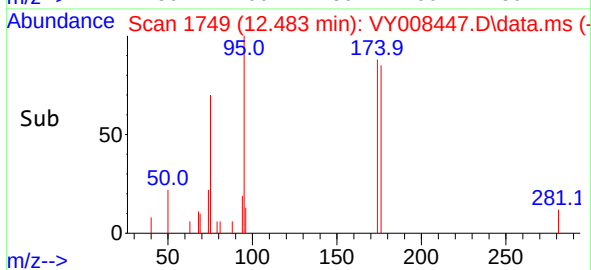
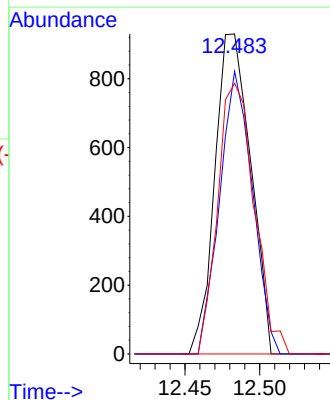
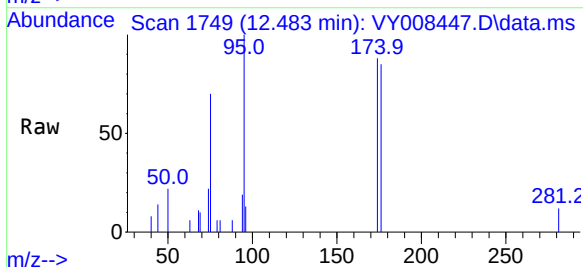
Instrument :
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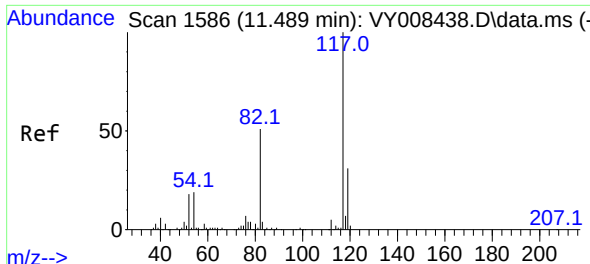
Tgt Ion: 98 Resp: 3745
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.847 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008447.D
Acq: 21 Apr 2022 17:49

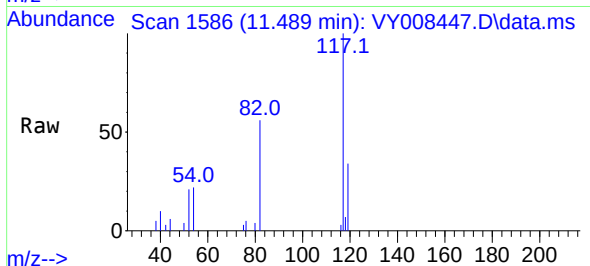
Tgt Ion: 95 Resp: 1551
Ion Ratio Lower Upper
95 100
174 81.0 0.0 177.0
176 86.3 0.0 175.8





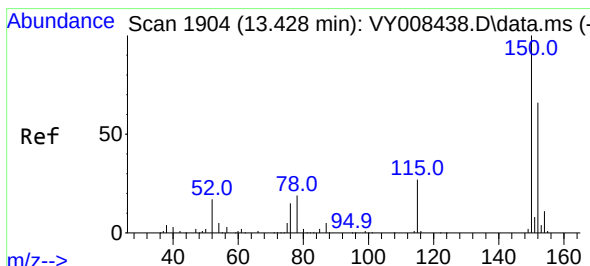
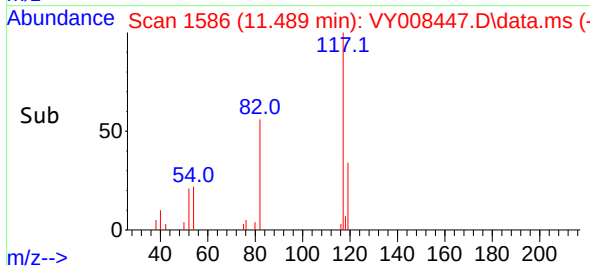
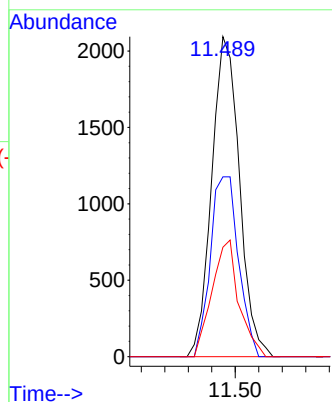
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008447.D
Acq: 21 Apr 2022 17:49

Instrument :
MSVOA_Y
ClientSampleId :
PAT-03-041922



Tgt Ion:117 Resp: 3433

Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.0	64.4
119	34.2	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: VY008447.D
Acq: 21 Apr 2022 17:49

Tgt Ion:152 Resp: 1367

Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.2	84.7
150	171.3	0.0	347.6

