

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008475.D
 Acq On : 25 Apr 2022 12:33
 Operator : KP/MD
 Sample : N2526-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-3S

Quant Time: Apr 26 01:54:50 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	85506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48450	48.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.320%
35) Dibromofluoromethane	7.716	113	50258	50.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.440%
50) Toluene-d8	10.179	98	192204	48.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.483	95	64124	48.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.120%

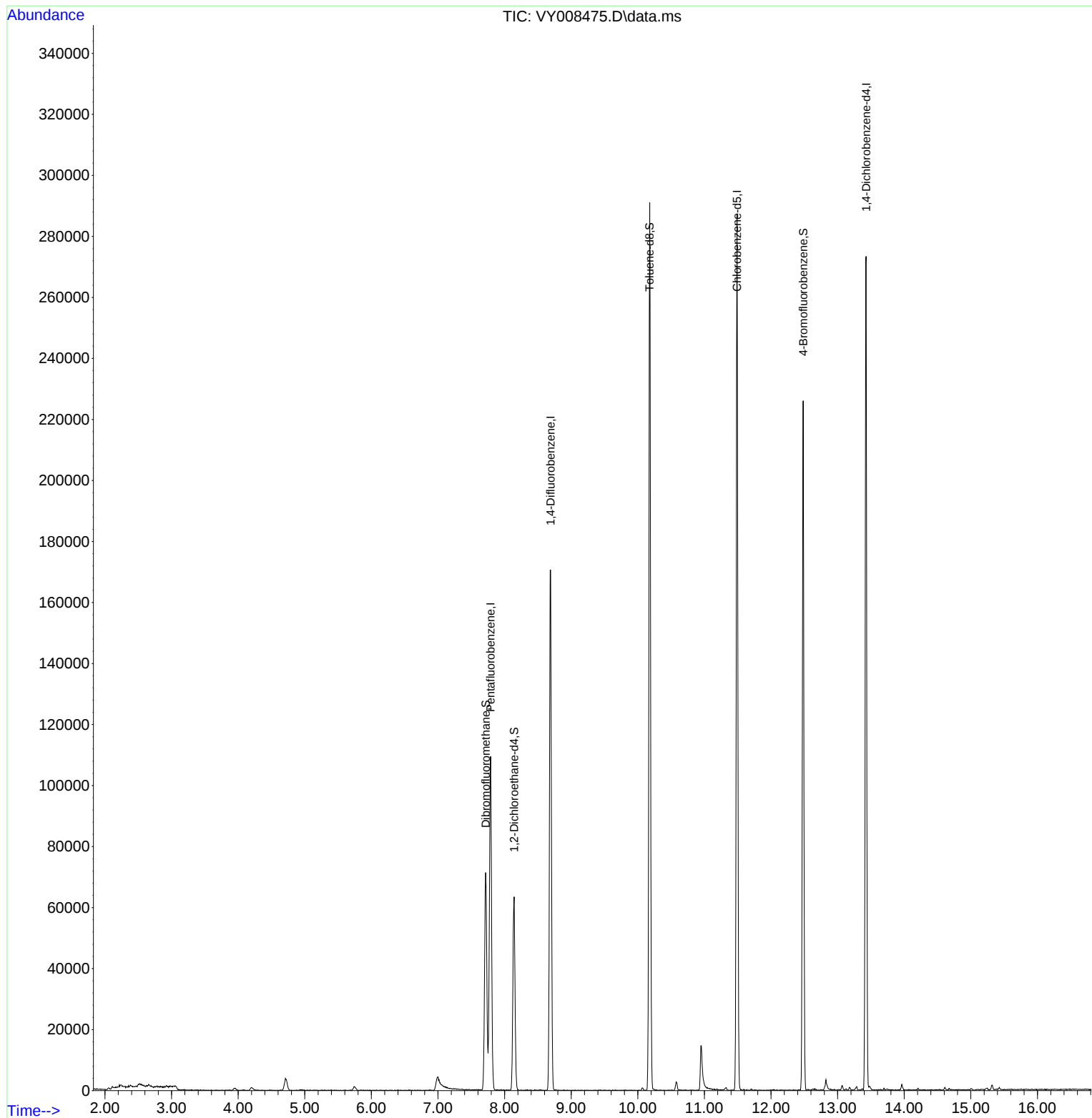
Target Compounds	Qvalue

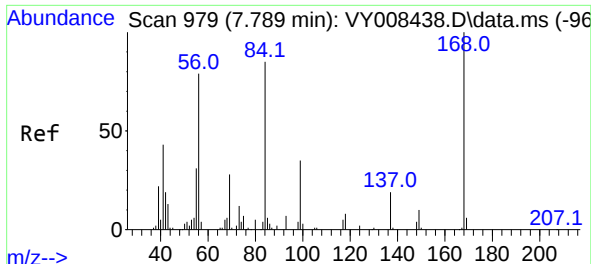
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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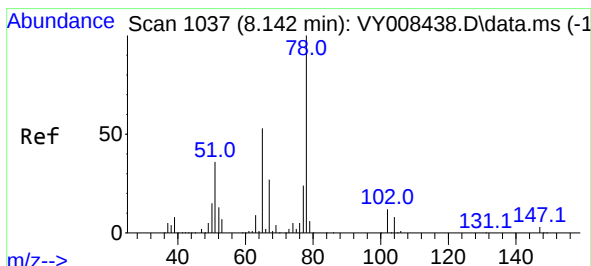
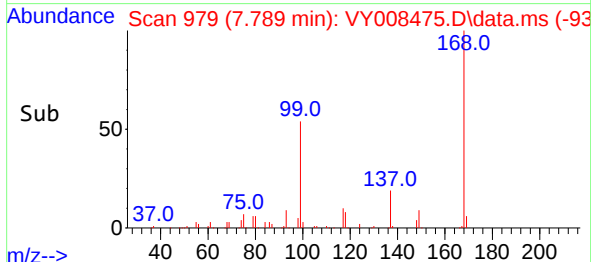
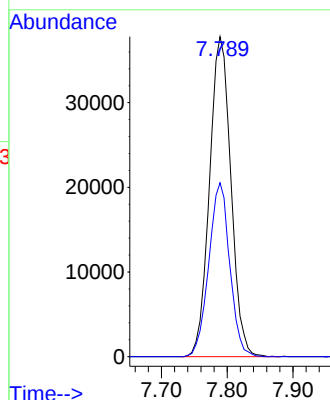
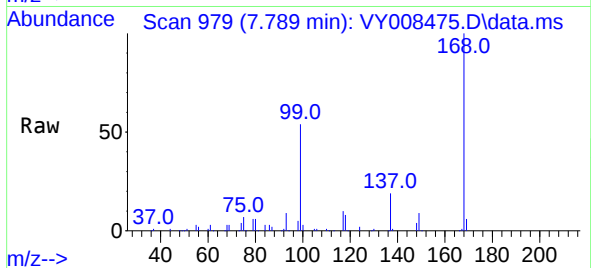




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

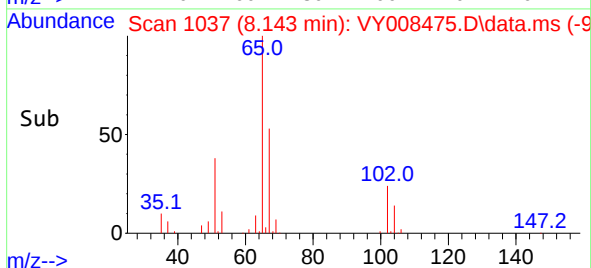
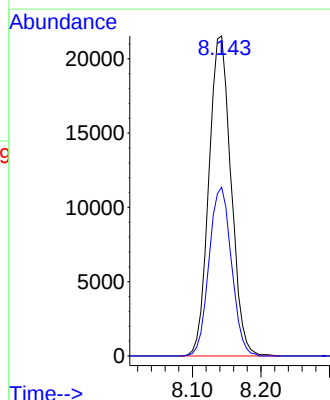
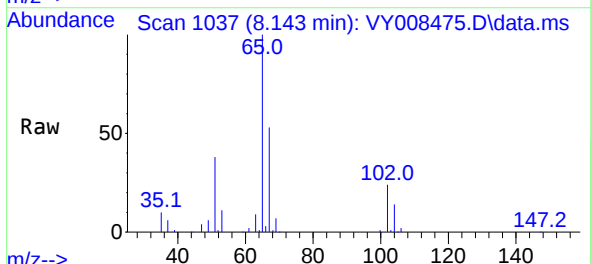
Instrument :
MSVOA_Y
ClientSampleId :
MH-3S

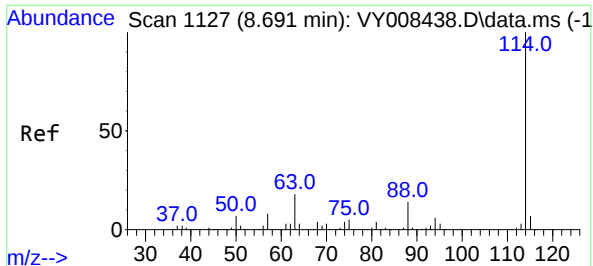
Tgt Ion:168 Resp: 85506
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.157 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion: 65 Resp: 48450
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4

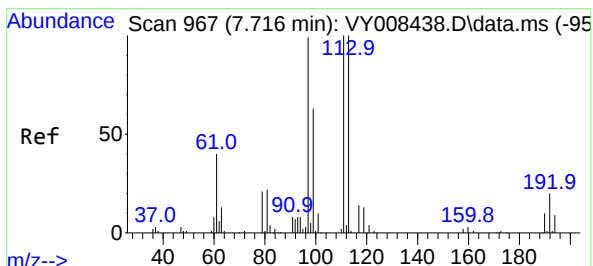
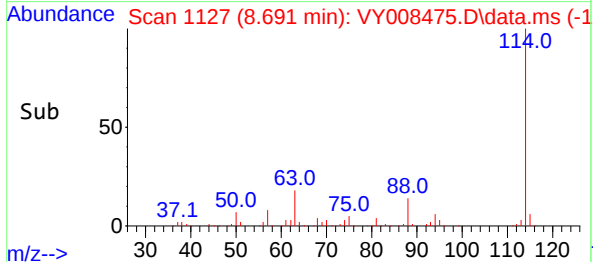
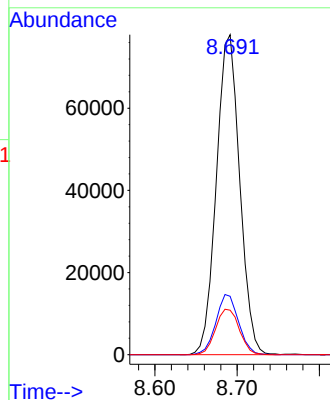
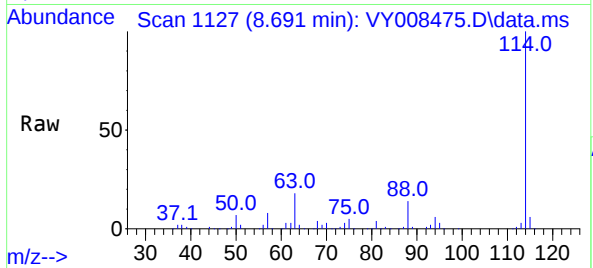




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

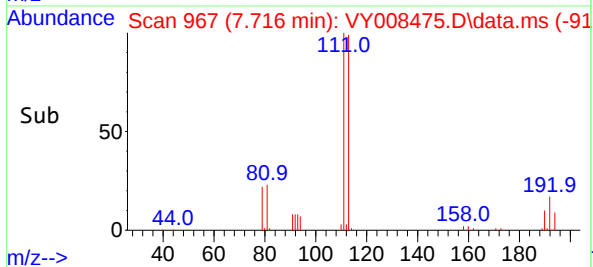
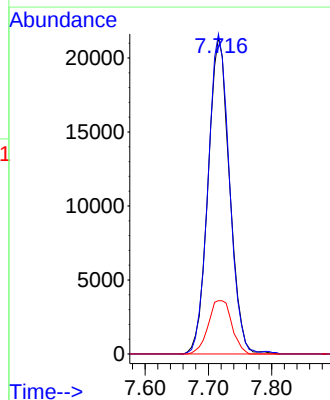
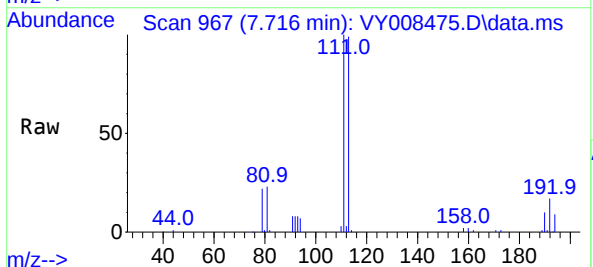
Instrument :
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ClientSampleId :
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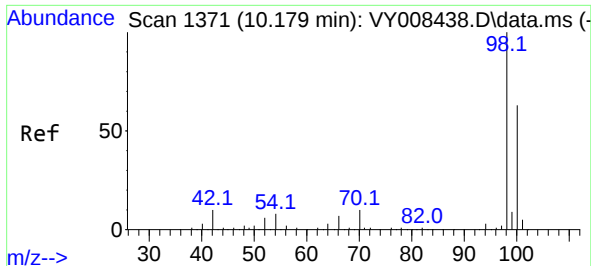
Tgt Ion:114 Resp: 153521
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 13.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.725 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion:113 Resp: 50258
Ion Ratio Lower Upper
113 100
111 100.4 82.6 124.0
192 18.5 17.6 26.4

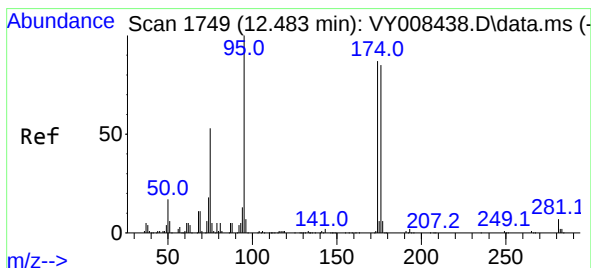
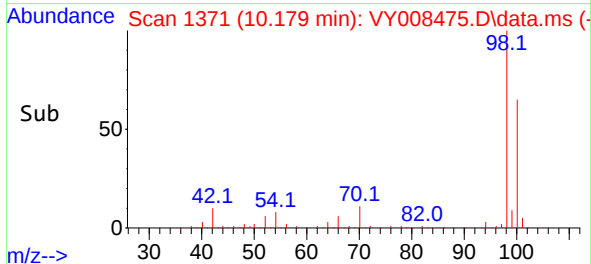
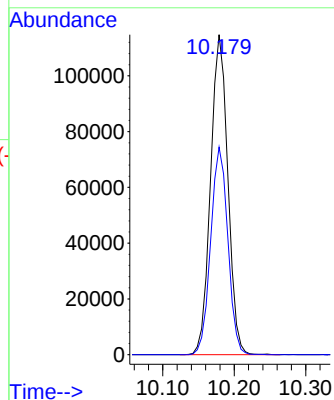
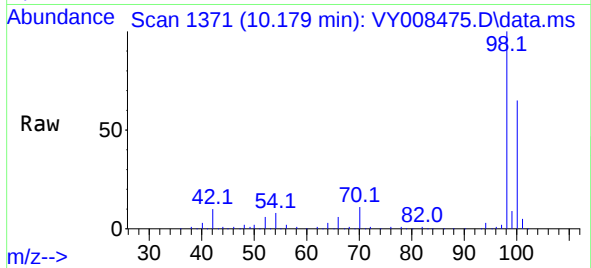




#50
Toluene-d8
Concen: 48.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

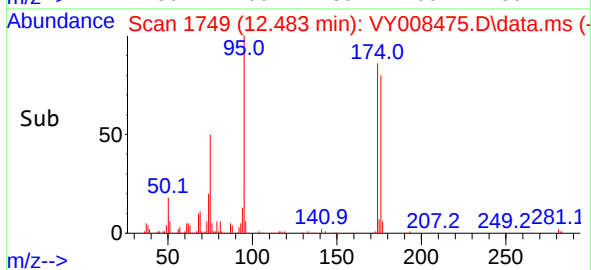
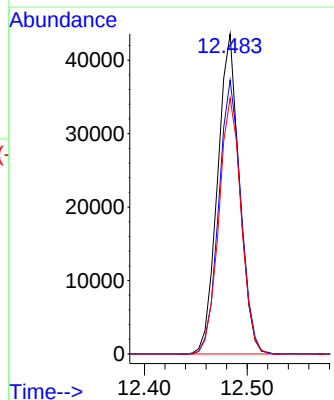
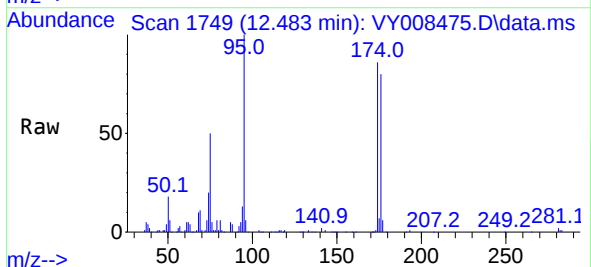
Instrument :
MSVOA_Y
ClientSampleId :
MH-3S

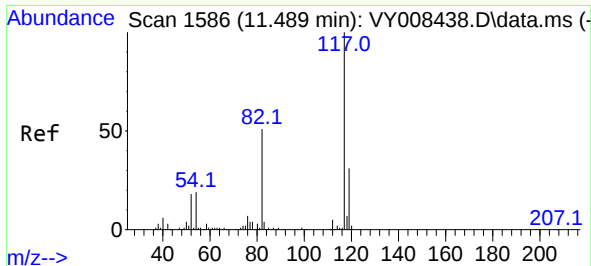
Tgt Ion: 98 Resp: 192204
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion: 95 Resp: 64124
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 81.8 0.0 175.8

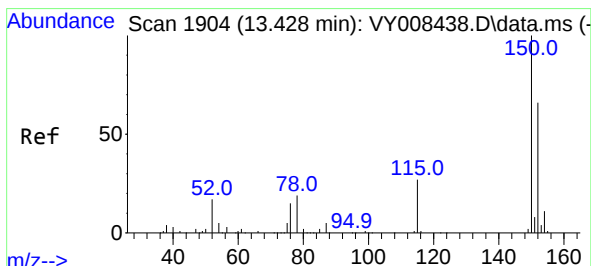
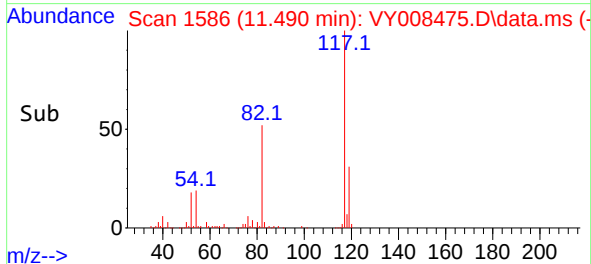
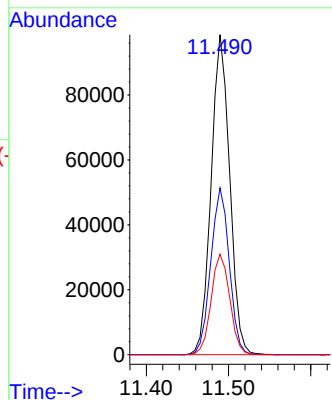
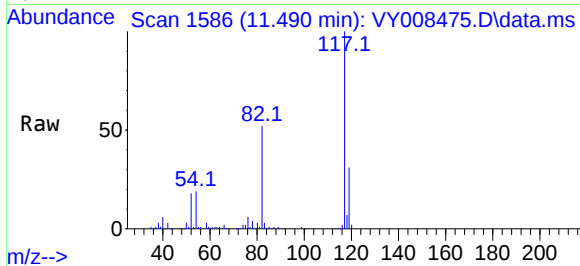




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008475.D
Acq: 25 Apr 2022 12:33

Instrument :
MSVOA_Y
ClientSampleId :
MH-3S

Tgt Ion:	117	Resp:	154502
Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.4
119	31.4	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: VY008475.D
Acq: 25 Apr 2022 12:33

Tgt Ion:	152	Resp:	69541
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	157.5	0.0	347.6

