

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008518.D
 Acq On : 27 Apr 2022 11:40
 Operator : KP/MD
 Sample : N2560-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2827

Quant Time: Apr 28 02:05:33 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	75821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55665	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	42865	48.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.716	113	42749	49.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.320%
50) Toluene-d8	10.179	98	163895	47.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.483	95	52140	44.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.060%

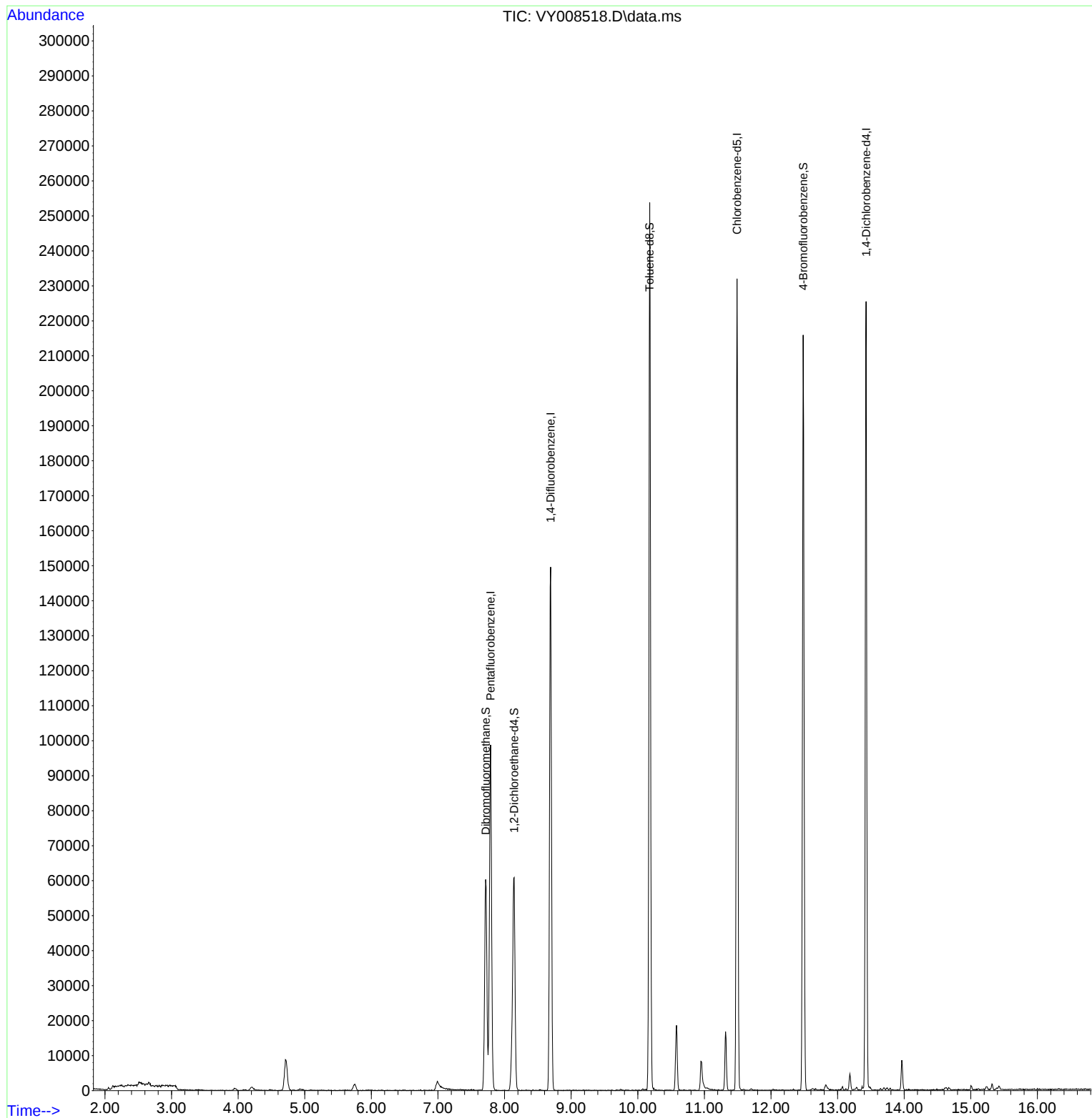
Target Compounds	Qvalue

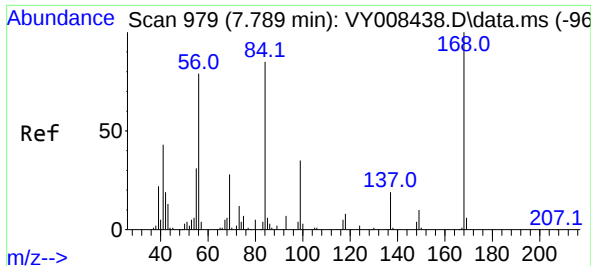
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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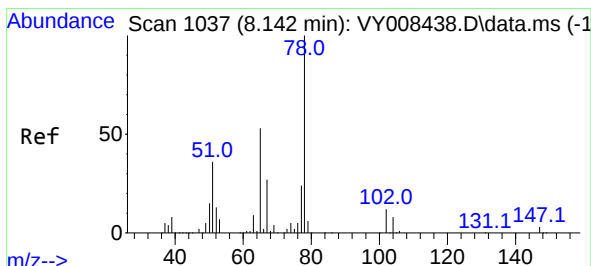
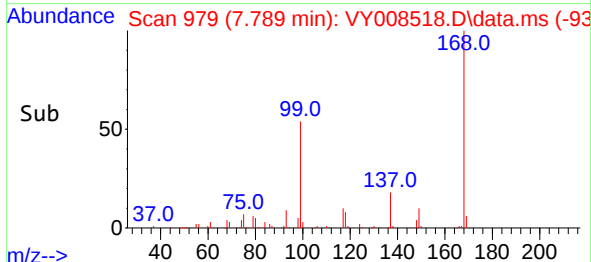
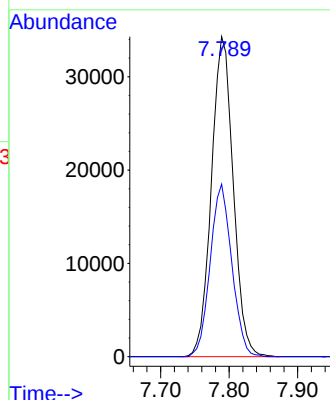
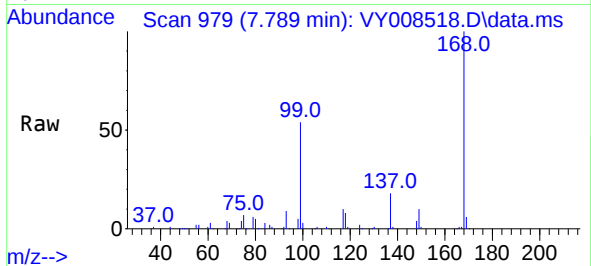




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

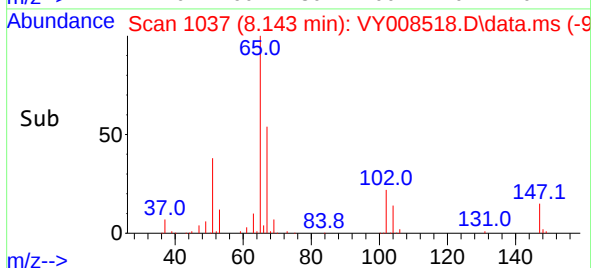
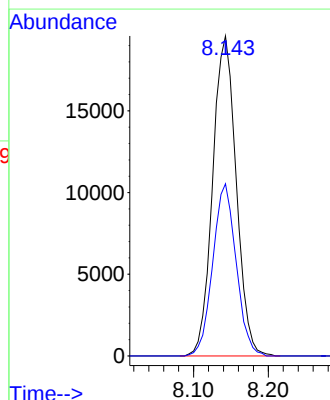
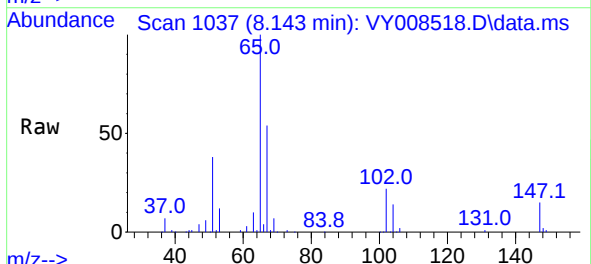
Instrument :
MSVOA_Y
ClientSampleId :
2827

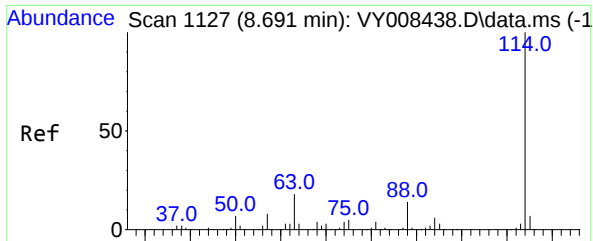
Tgt Ion:168 Resp: 75821
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.048 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion: 65 Resp: 42865
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

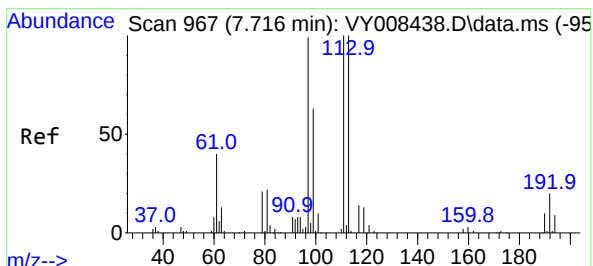
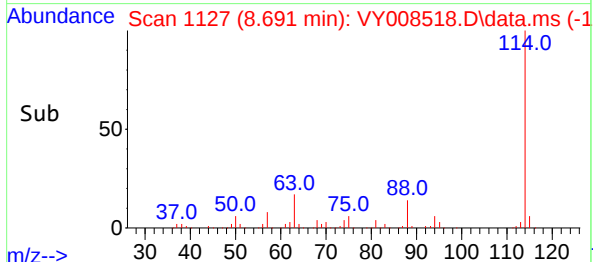
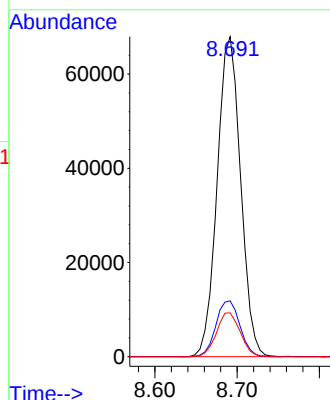
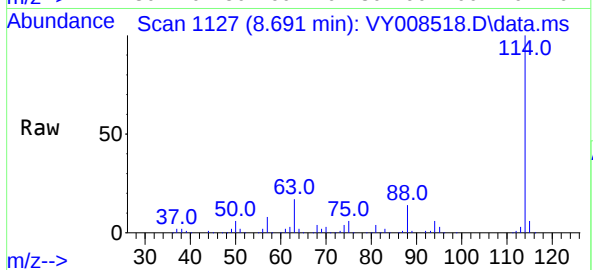




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

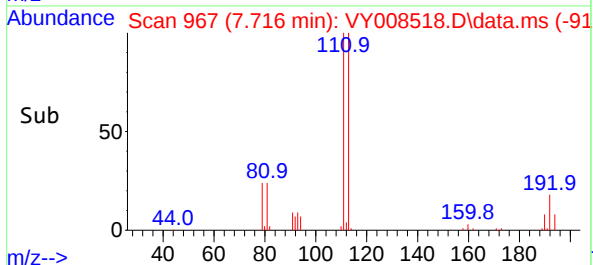
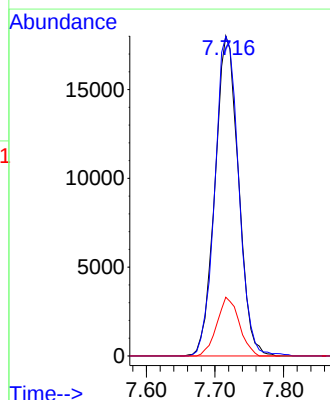
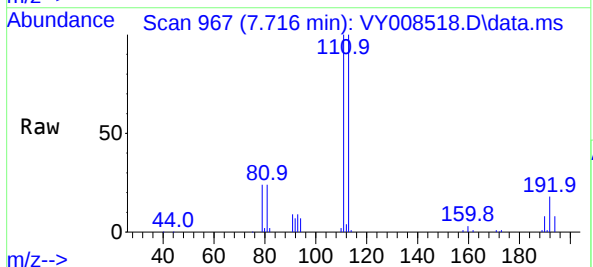
Instrument :
MSVOA_Y
ClientSampleId :
2827

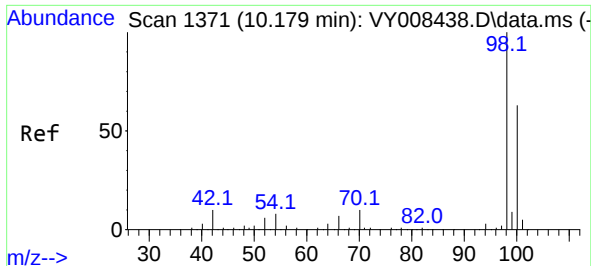
Tgt Ion:114 Resp: 134727
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 13.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.165 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion:113 Resp: 42749
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 17.5 17.6 26.4#

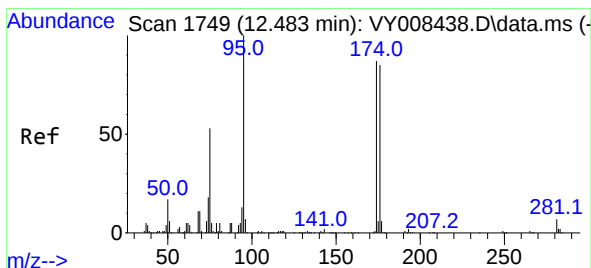
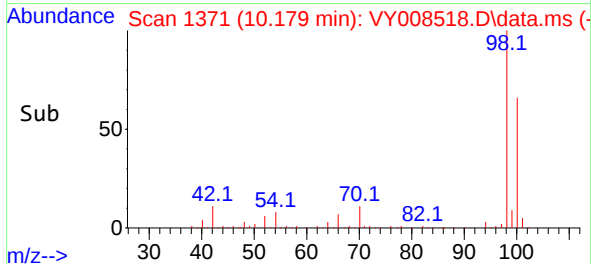
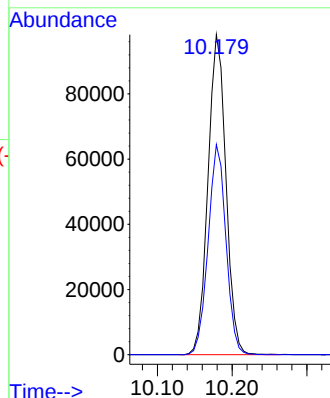
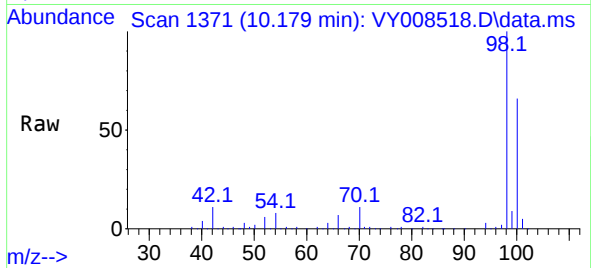




#50
Toluene-d8
Concen: 47.416 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

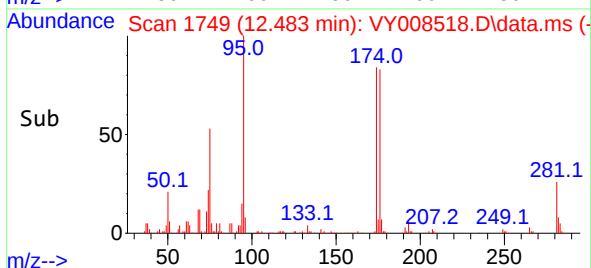
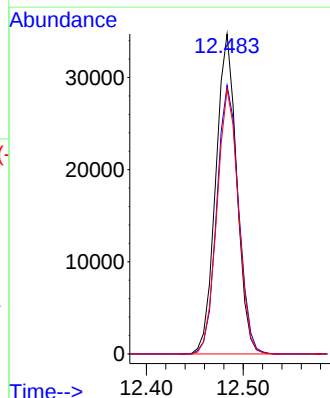
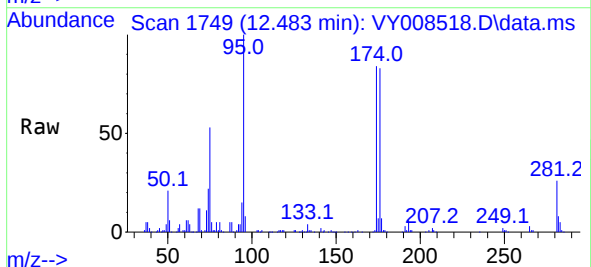
Instrument :
MSVOA_Y
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2827

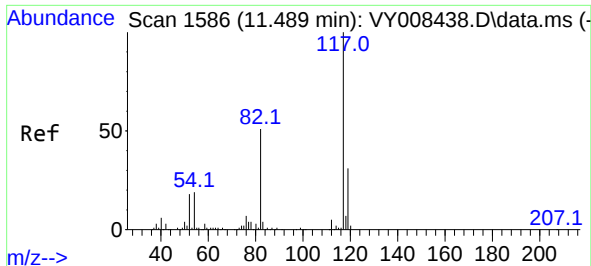
Tgt Ion: 98 Resp: 163895
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.533 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion: 95 Resp: 52140
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.4 0.0 175.8

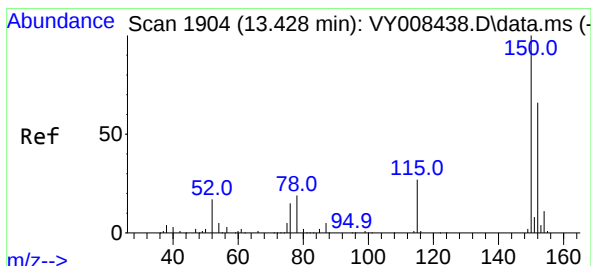
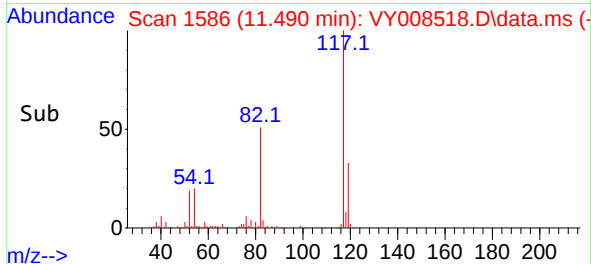
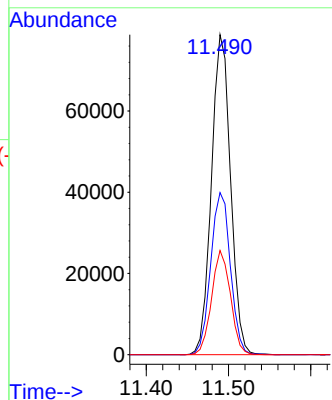
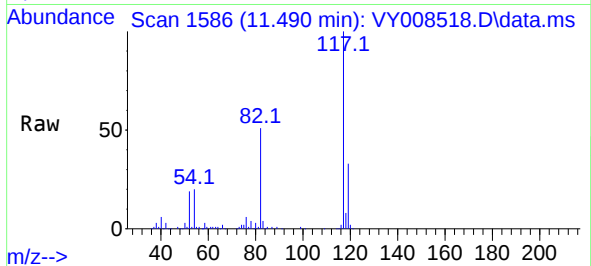




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008518.D
Acq: 27 Apr 2022 11:40

Instrument :
MSVOA_Y
ClientSampleId :
2827

Tgt Ion:117 Resp: 127308
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.5 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: VY008518.D
Acq: 27 Apr 2022 11:40

Tgt Ion:152 Resp: 55665
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 158.6 0.0 347.6

