

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012001.D
 Acq On : 23 Dec 2022 16:35
 Operator : KP/MD
 Sample : N6178-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Dec 23 22:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	193704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	119056	61.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.020%
35) Dibromofluoromethane	7.716	113	105818	51.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.179	98	416013	49.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.483	95	129783	46.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.560%

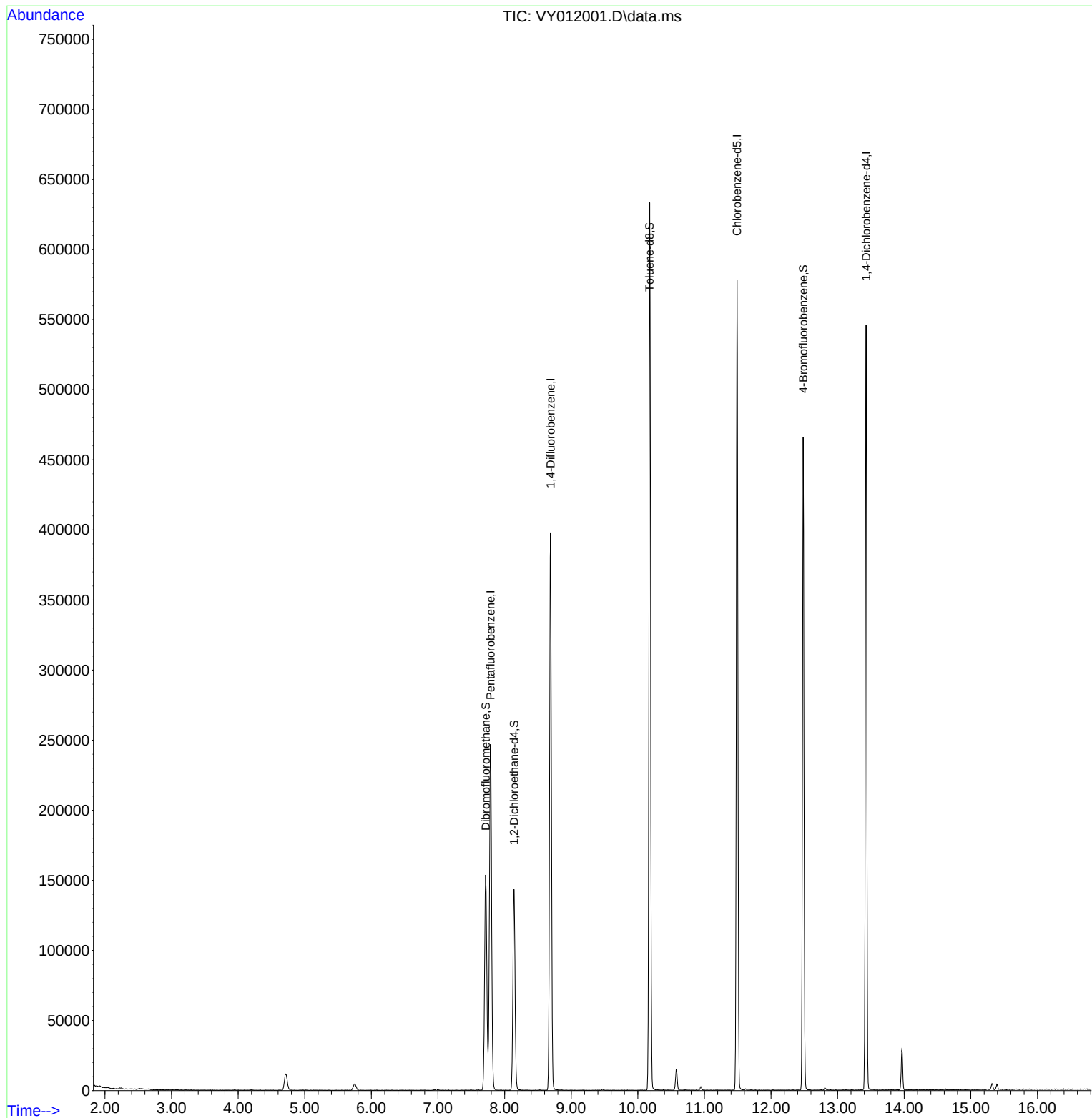
Target Compounds	Qvalue

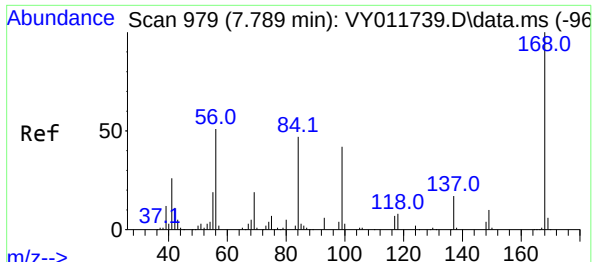
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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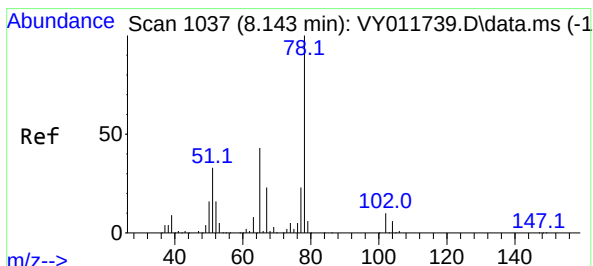
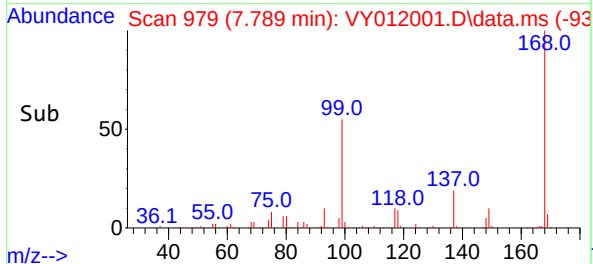
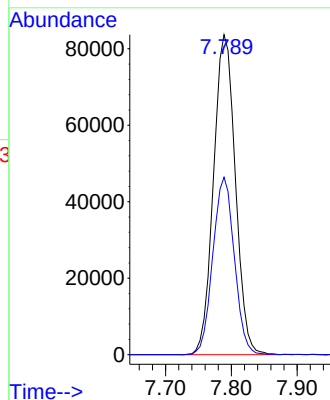
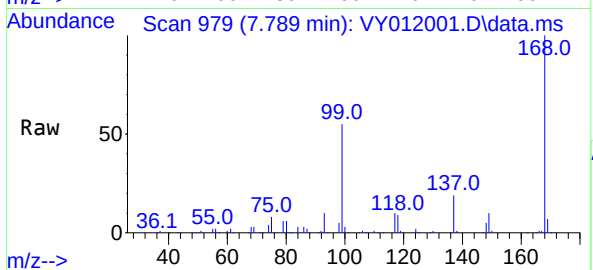




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012001.D
Acq: 23 Dec 2022 16:35

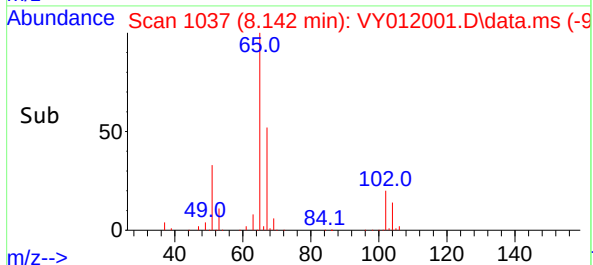
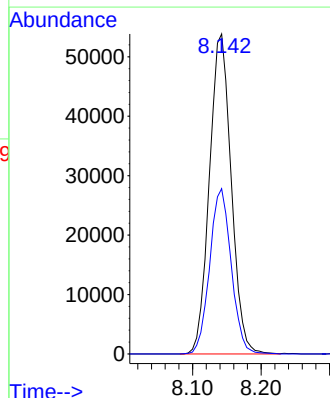
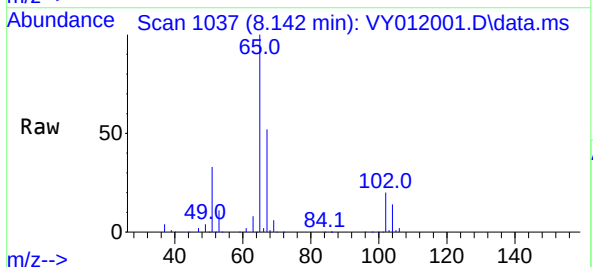
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

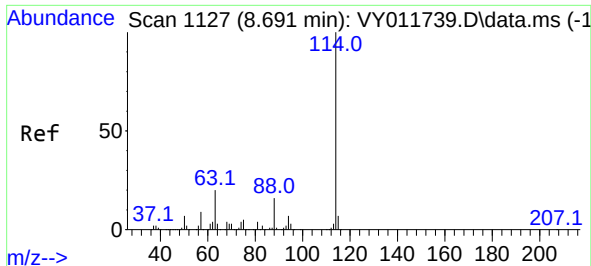
Tgt Ion:168 Resp: 193704
Ion Ratio Lower Upper
168 100
99 55.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 61.007 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012001.D
Acq: 23 Dec 2022 16:35

Tgt Ion: 65 Resp: 119056
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.2



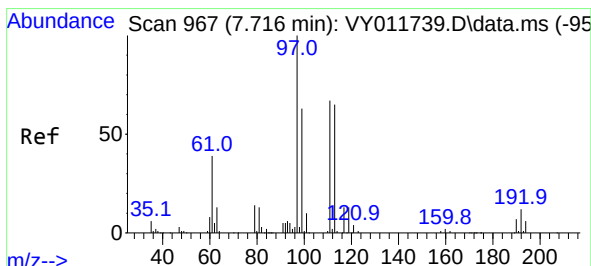
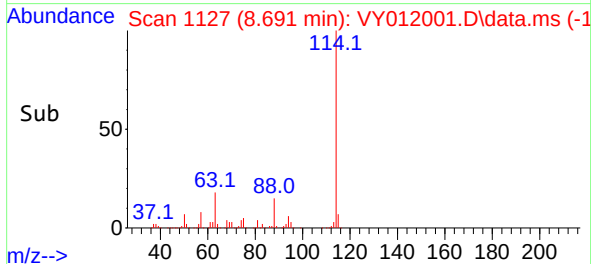
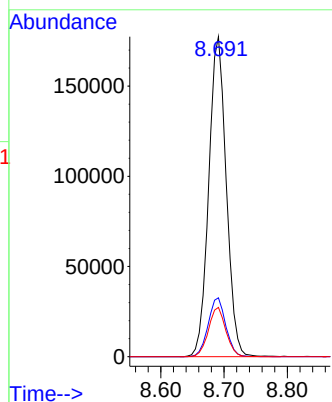
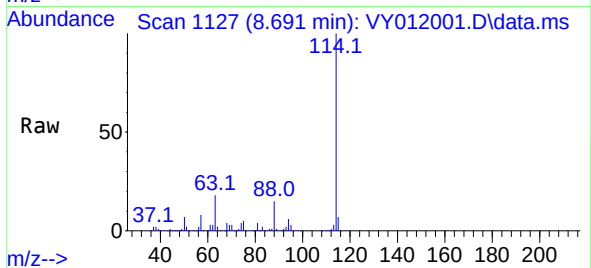


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012001.D
Acq: 23 Dec 2022 16:35

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:114 Resp: 341370

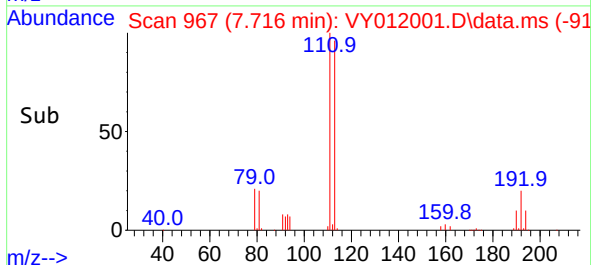
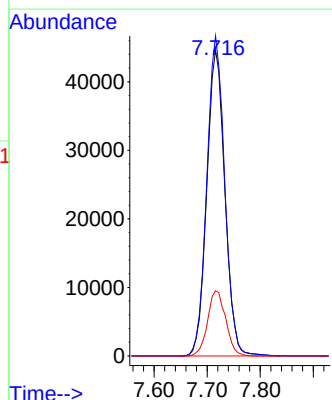
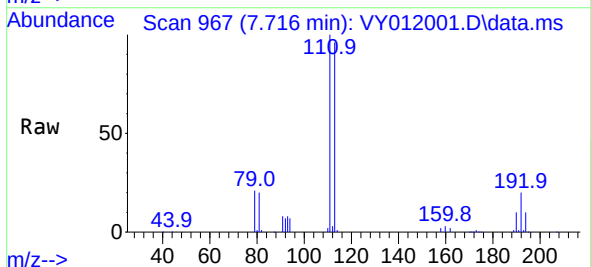
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	39.6
88	15.4	0.0	32.2

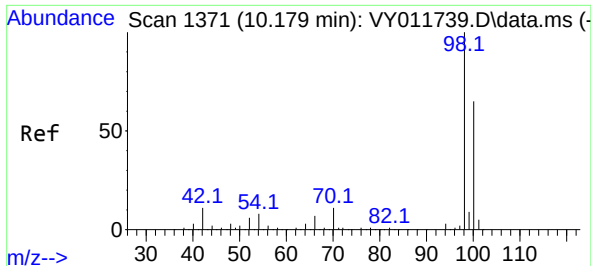


#35
Dibromofluoromethane
Concen: 51.489 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012001.D
Acq: 23 Dec 2022 16:35

Tgt Ion:113 Resp: 105818

Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	21.3	16.0	24.0

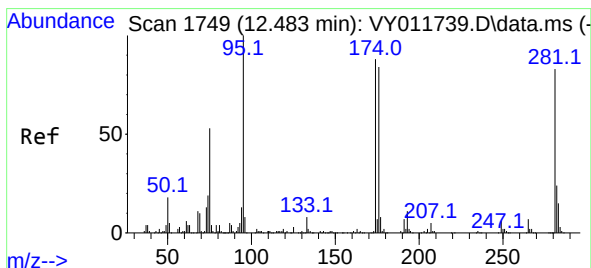
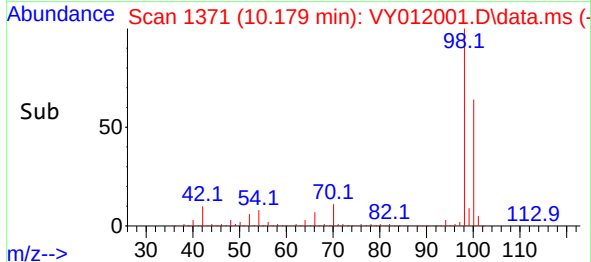
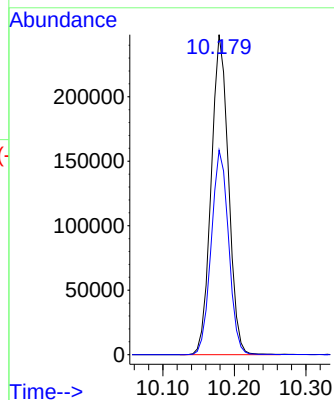
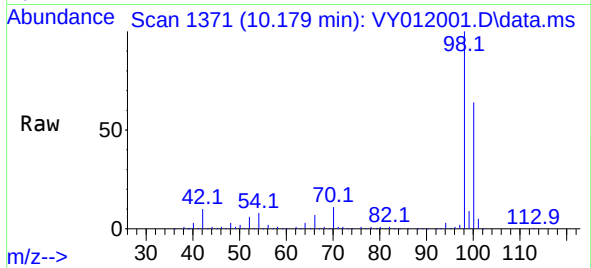




#50
Toluene-d8
Concen: 49.892 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012001.D
Acq: 23 Dec 2022 16:35

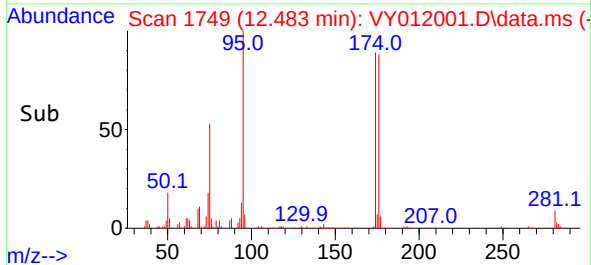
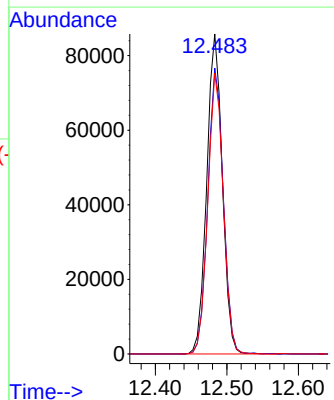
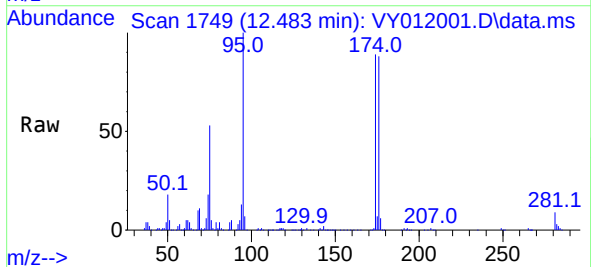
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

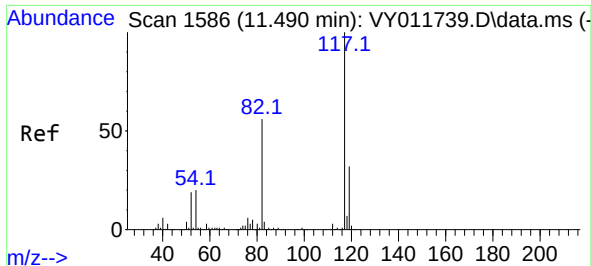
Tgt Ion: 98 Resp: 416013
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012001.D
Acq: 23 Dec 2022 16:35

Tgt Ion: 95 Resp: 129783
Ion Ratio Lower Upper
95 100
174 89.3 0.0 172.0
176 87.1 0.0 167.6

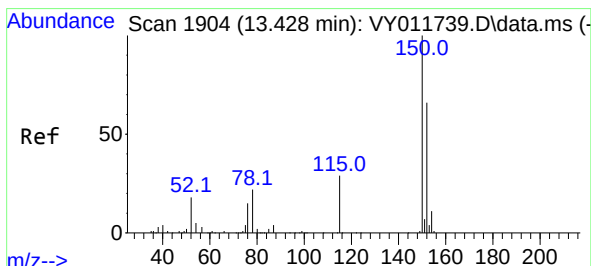
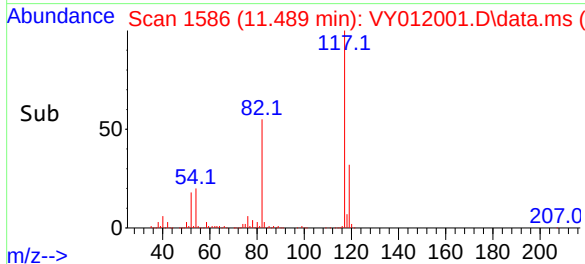
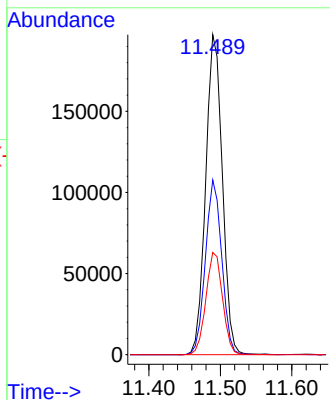
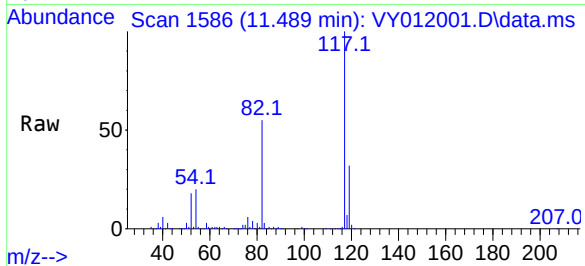




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012001.D
Acq: 23 Dec 2022 16:35

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion:117 Resp: 319017
Ion Ratio Lower Upper
117 100
82 54.6 44.8 67.2
119 31.9 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: VY012001.D
Acq: 23 Dec 2022 16:35

Tgt Ion:152 Resp: 141134
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 155.9 0.0 342.6

