

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009431.D
 Acq On : 05 Jul 2022 12:45
 Operator : KP/MD
 Sample : N3538-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GS-4ARE

Quant Time: Jul 06 04:48:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	24736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	38083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	35261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11227	56.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.710	113	9353	44.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.240%
50) Toluene-d8	10.179	98	33571	52.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.477	95	9977	32.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	65.460%

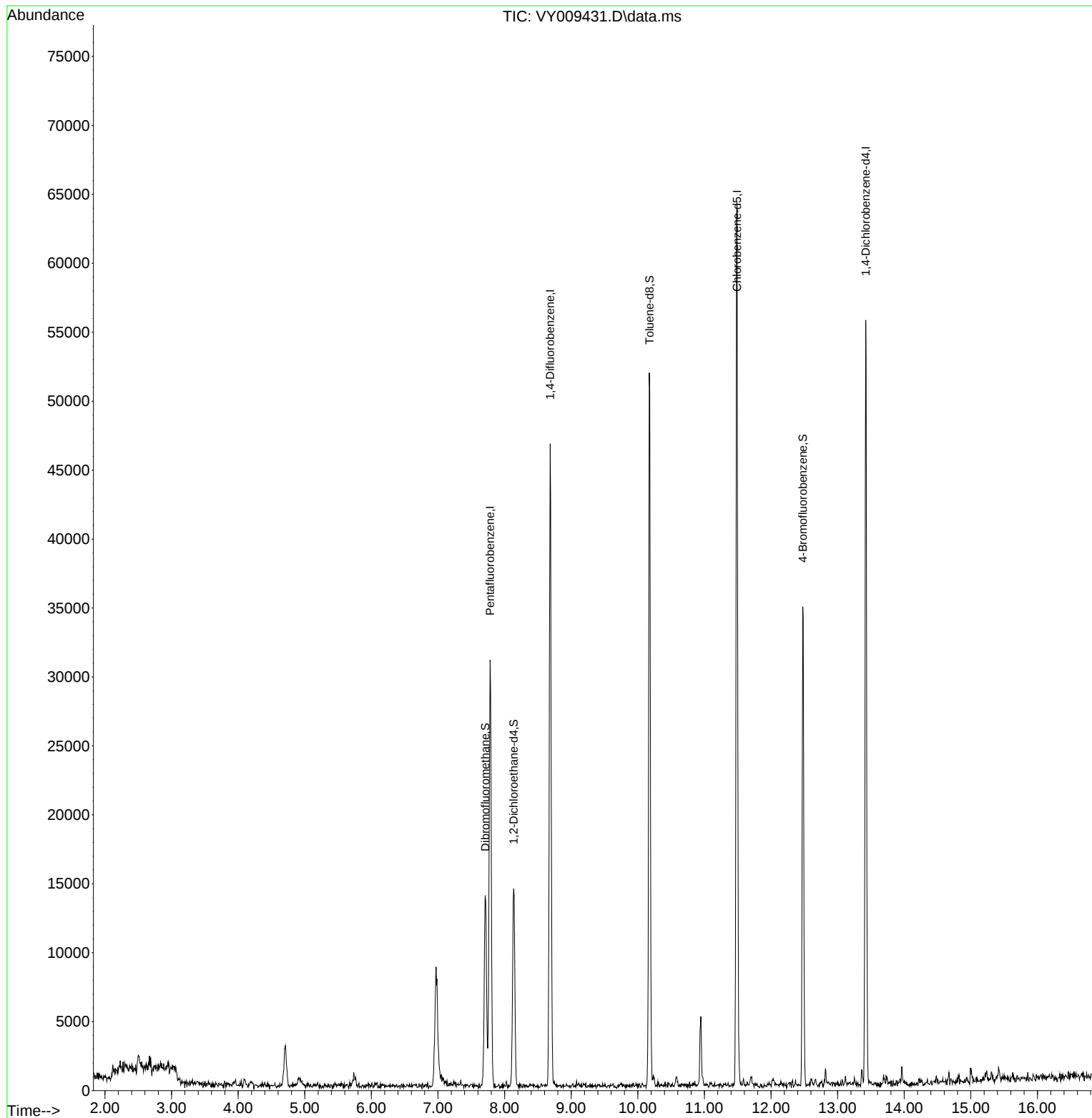
Target Compounds	Qvalue

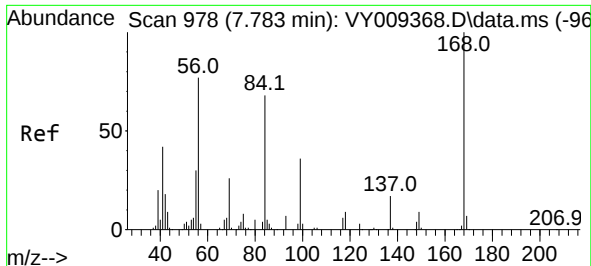
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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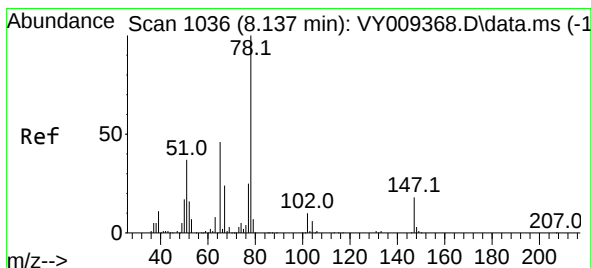
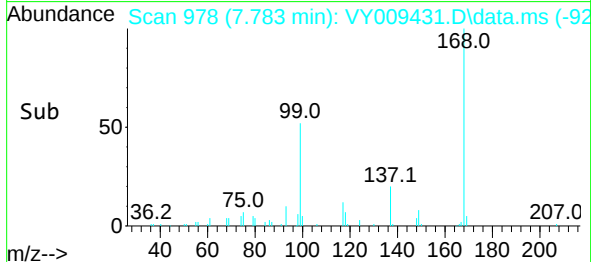
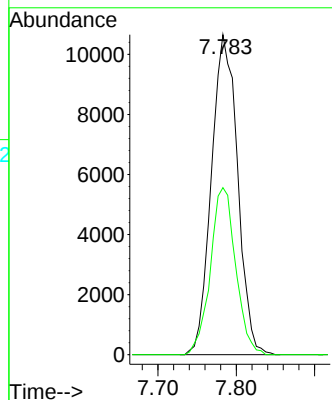
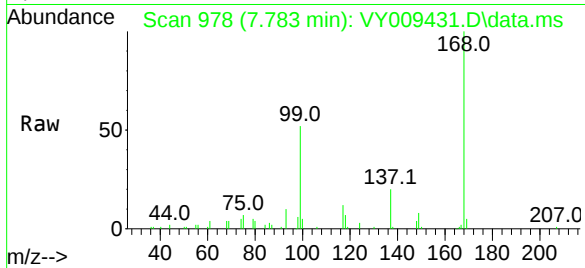




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

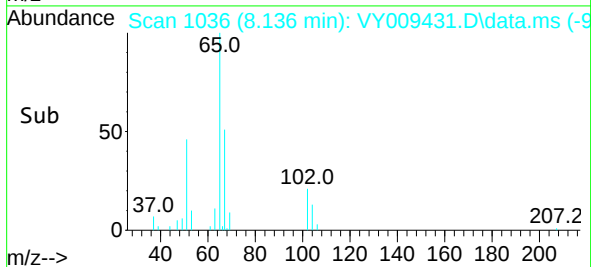
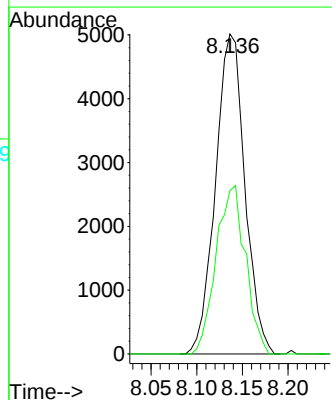
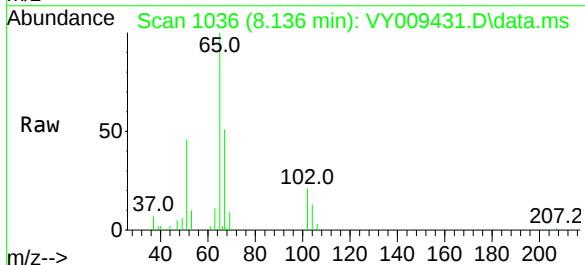
Instrument :
MSVOA_Y
ClientSampleId :
GS-4ARE

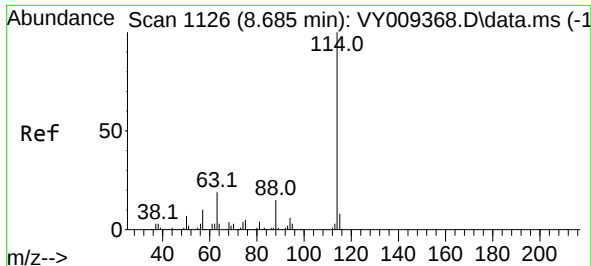
Tgt Ion:168 Resp: 24736
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.666 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

Tgt Ion: 65 Resp: 11227
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4

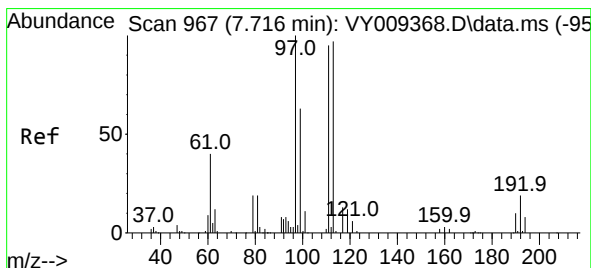
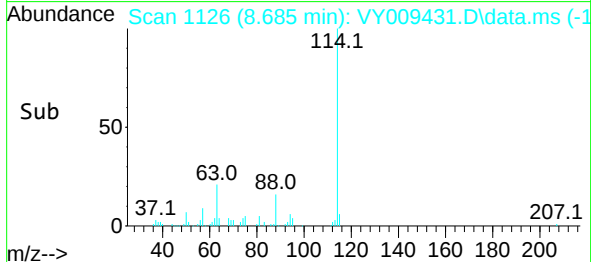
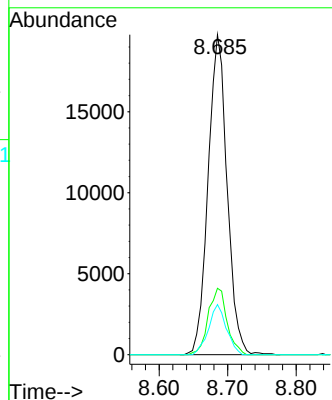
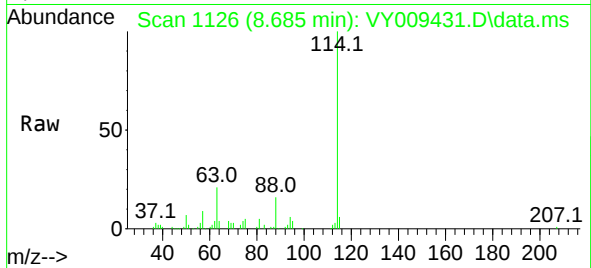




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

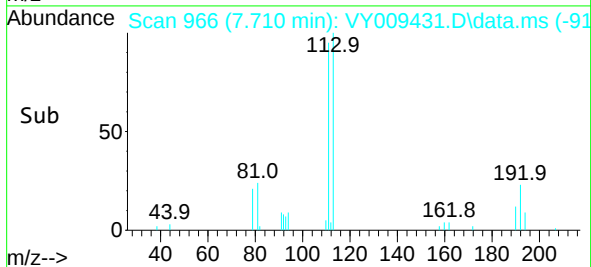
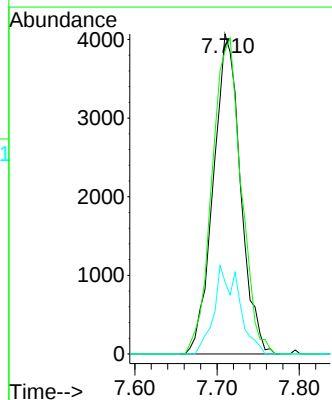
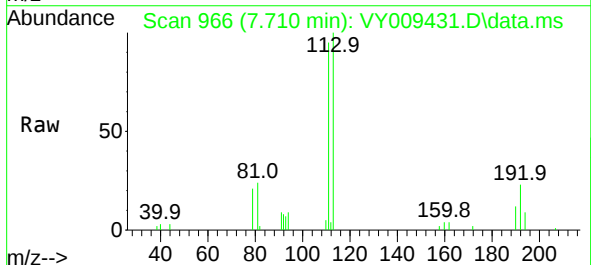
Instrument :
MSVOA_Y
ClientSampleId :
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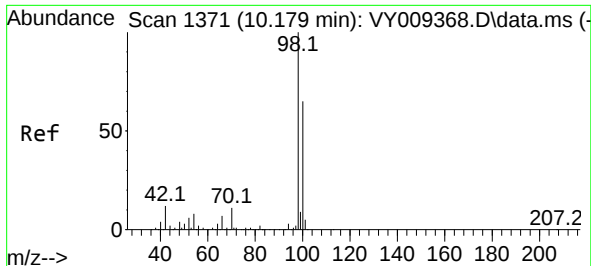
Tgt Ion:114 Resp: 38083
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.623 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

Tgt Ion:113 Resp: 9353
Ion Ratio Lower Upper
113 100
111 105.9 82.6 124.0
192 25.4 17.6 26.4

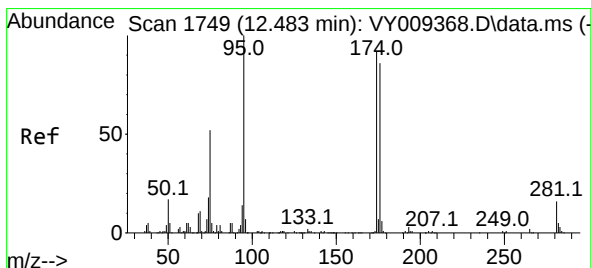
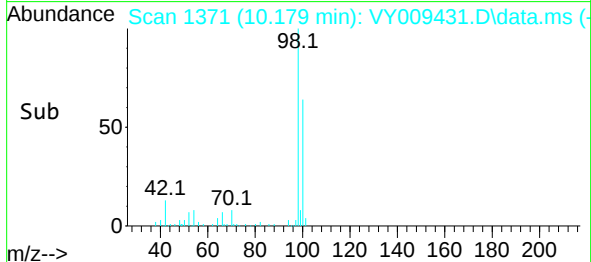
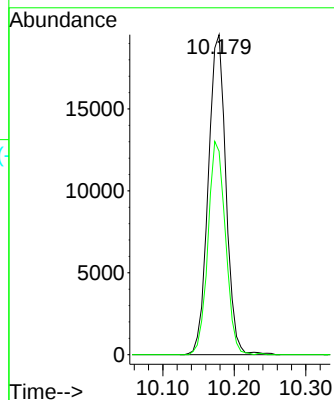
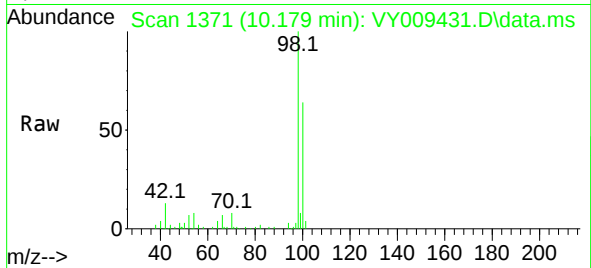




#50
Toluene-d8
Concen: 52.240 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

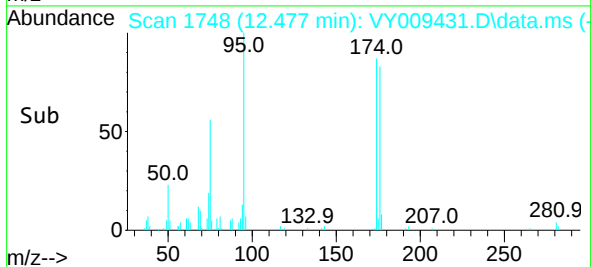
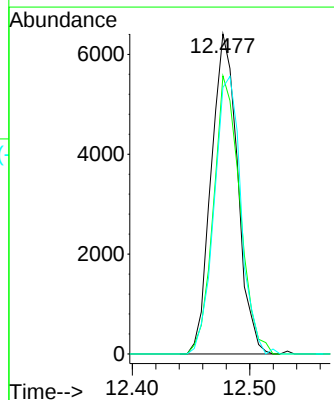
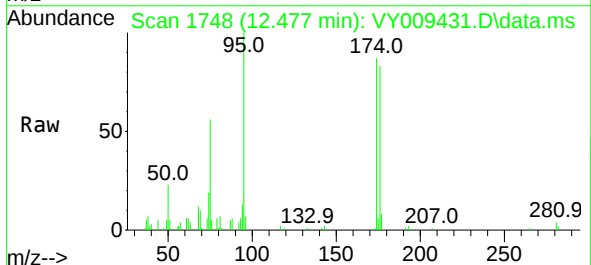
Instrument :
MSVOA_Y
ClientSampleId :
GS-4ARE

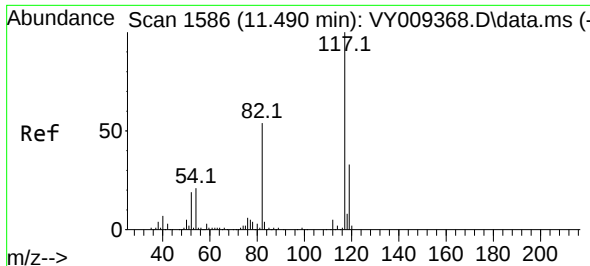
Tgt Ion: 98 Resp: 33571
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.735 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

Tgt Ion: 95 Resp: 9977
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 88.2 0.0 175.8

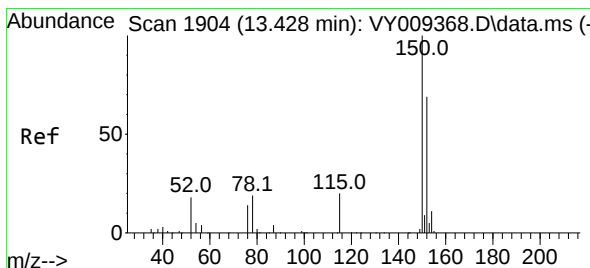
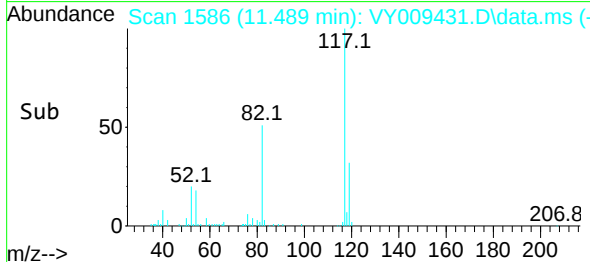
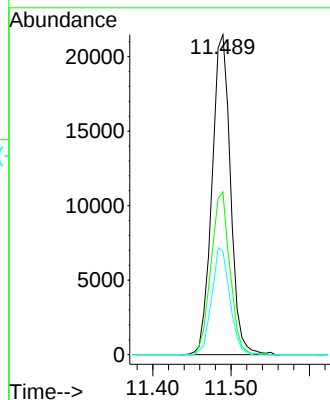
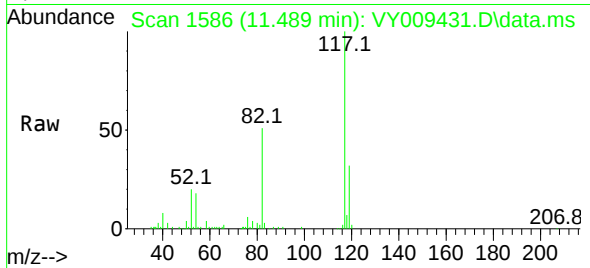




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

Instrument :
MSVOA_Y
ClientSampleId :
GS-4ARE

Tgt Ion:117 Resp: 35261
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009431.D
Acq: 05 Jul 2022 12:45

Tgt Ion:152 Resp: 13634
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 165.9 0.0 347.6

