

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007809.D
 Acq On : 09 Mar 2022 19:03
 Operator : SY/MD
 Sample : N1829-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-030722

Quant Time: Mar 10 01:05:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	74295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52188	67.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.200%
35) Dibromofluoromethane	7.722	113	45046	56.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.560%
50) Toluene-d8	10.185	98	155111	52.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.483	95	45594	48.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.020%

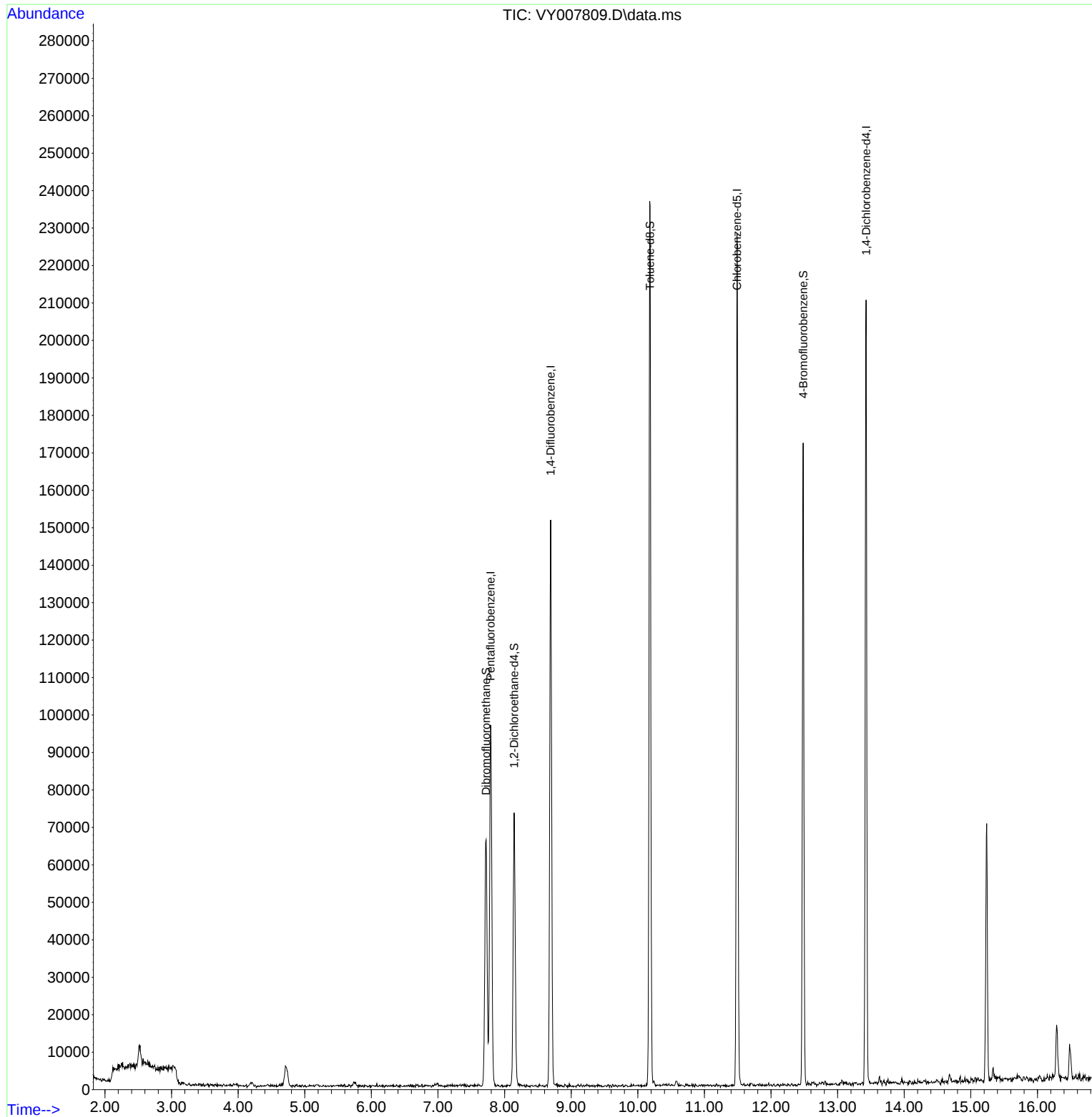
Target Compounds	Qvalue

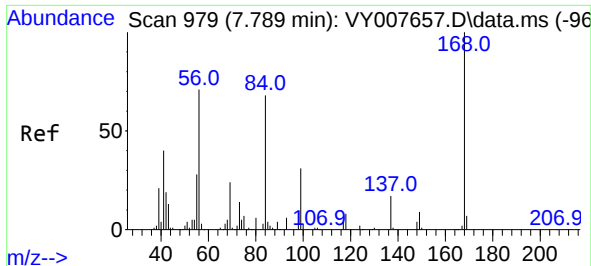
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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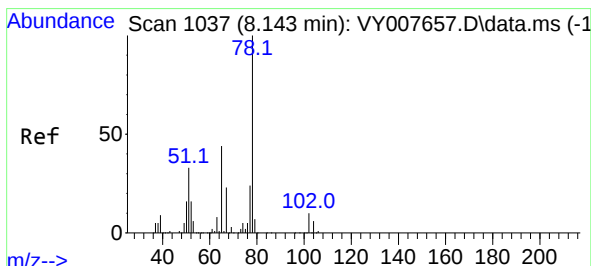
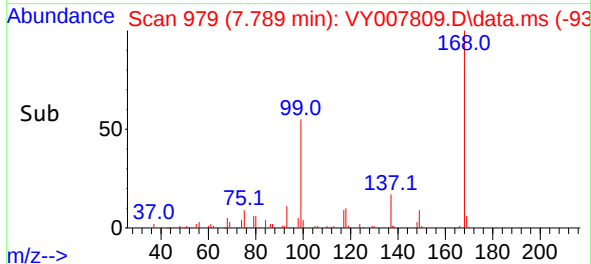
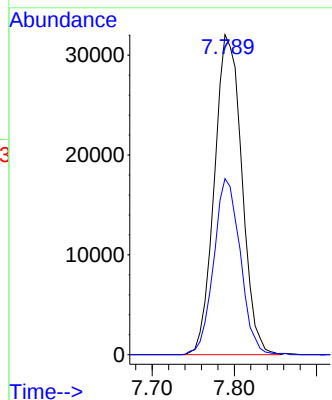
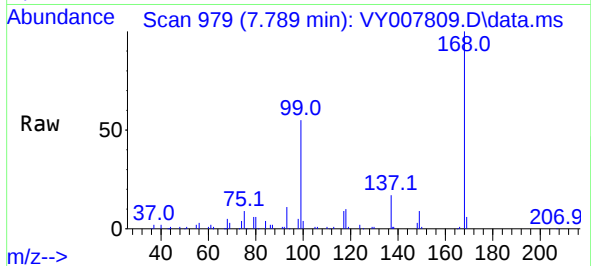




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

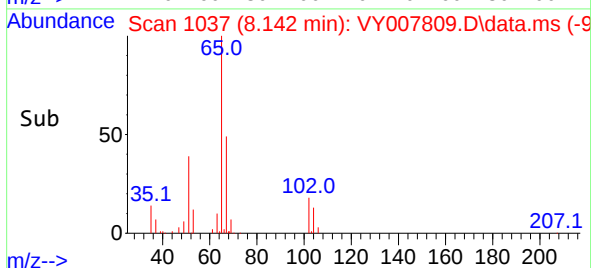
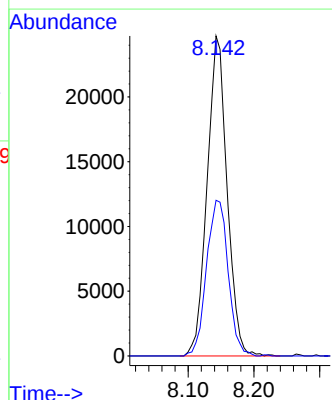
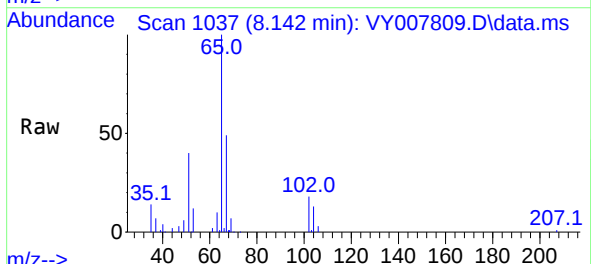
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-030722

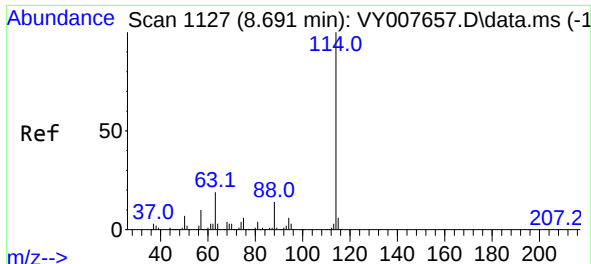
Tgt Ion:168 Resp: 74295
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.097 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion: 65 Resp: 52188
Ion Ratio Lower Upper
65 100
67 52.6 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: VY007809.D

Acq: 09 Mar 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-030722

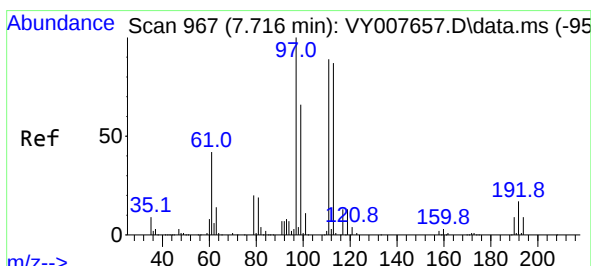
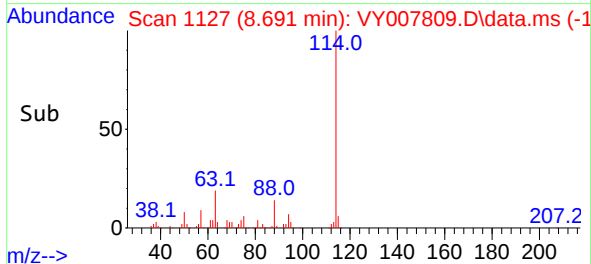
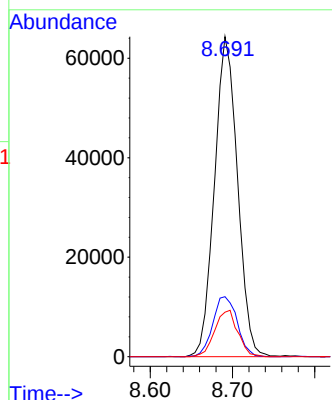
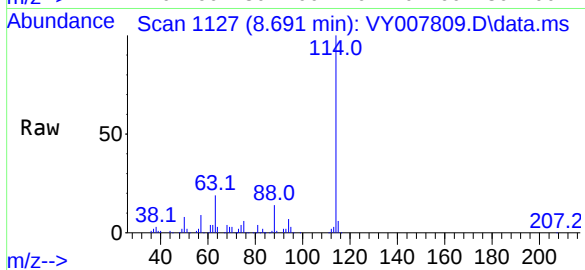
Tgt Ion:114 Resp: 125195

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.279 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007809.D

Acq: 09 Mar 2022 19:03

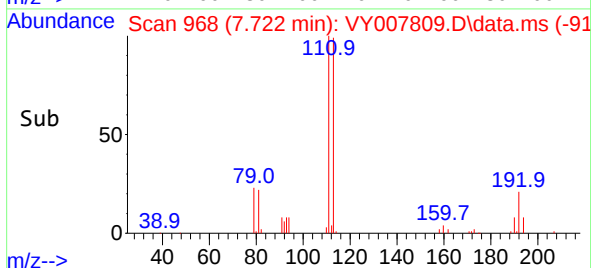
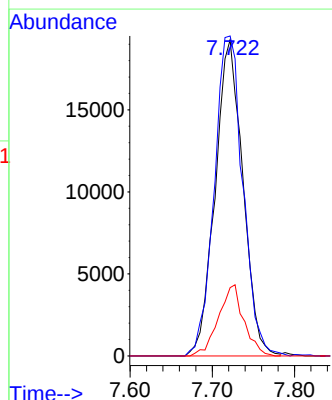
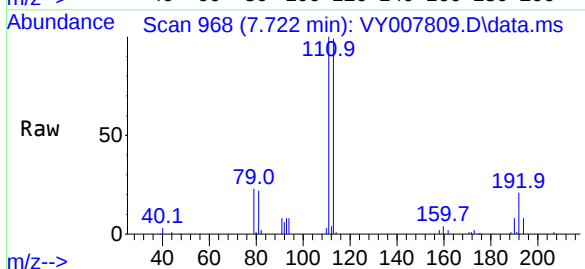
Tgt Ion:113 Resp: 45046

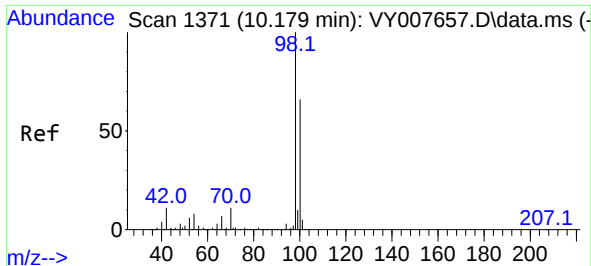
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 20.7 17.6 26.4

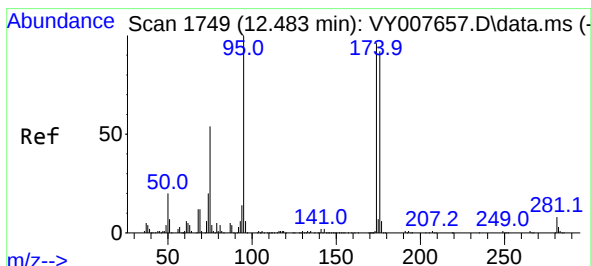
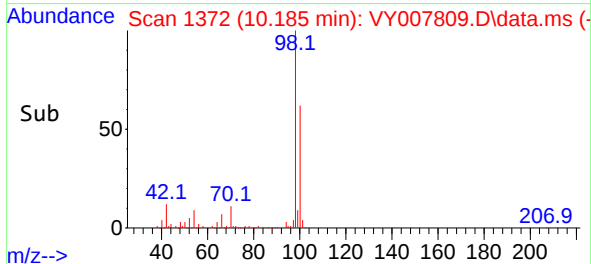
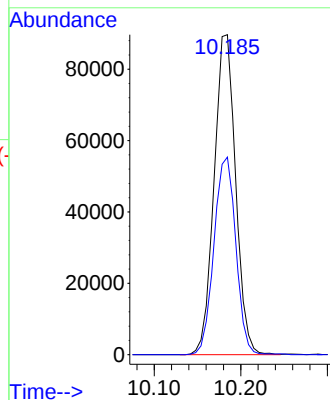
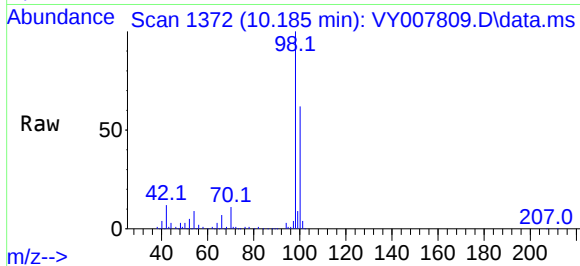




#50
Toluene-d8
Concen: 52.645 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

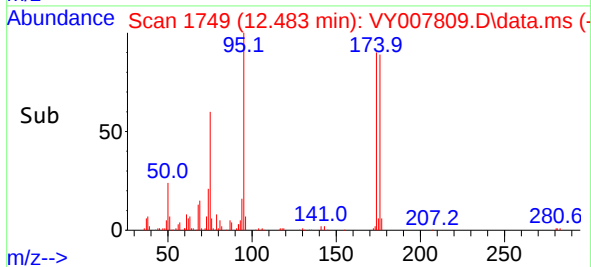
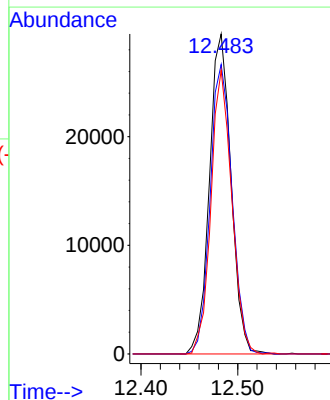
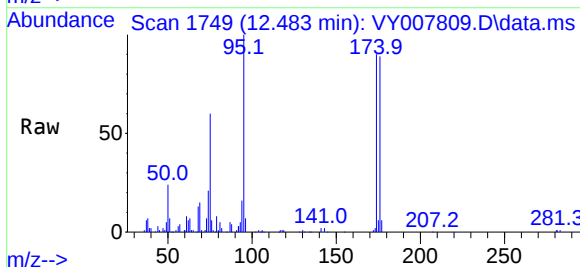
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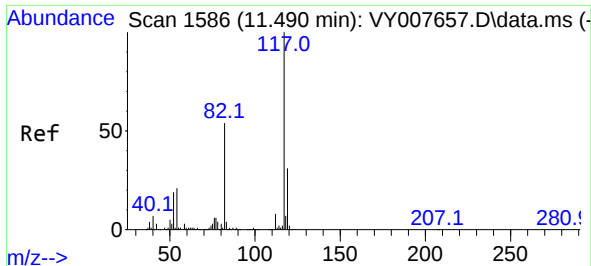
Tgt Ion: 98 Resp: 155111
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.007 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion: 95 Resp: 45594
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 85.7 0.0 175.8

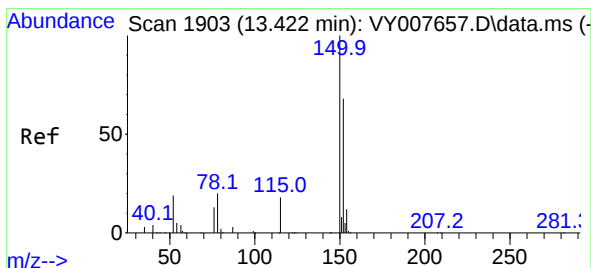
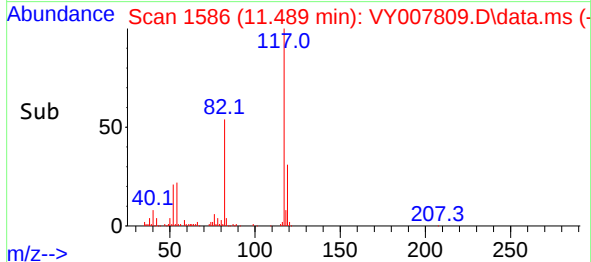
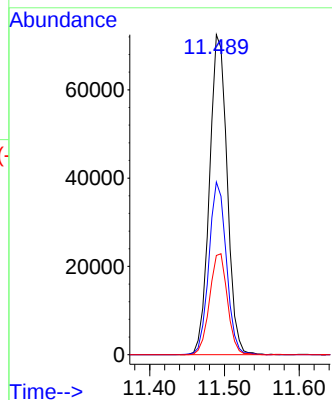
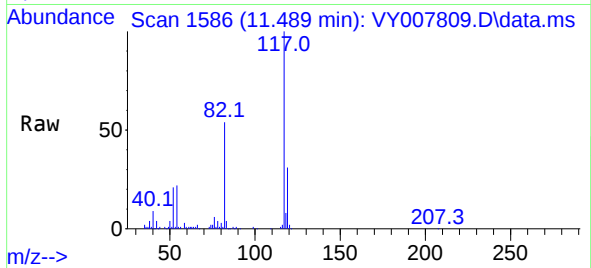




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-030722

Tgt Ion:117 Resp: 118869
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion:152 Resp: 51704
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 152.3 0.0 347.6

