

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008588.D
 Acq On : 03 May 2022 13:45
 Operator : KP/MD
 Sample : N2605-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-042822

Quant Time: May 03 16:57:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	51012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	65181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	26724	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	16322	32.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.840%
35) Dibromofluoromethane	7.716	113	22714	44.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.120%
50) Toluene-d8	10.179	98	88413	48.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.483	95	24727	36.938	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.880%

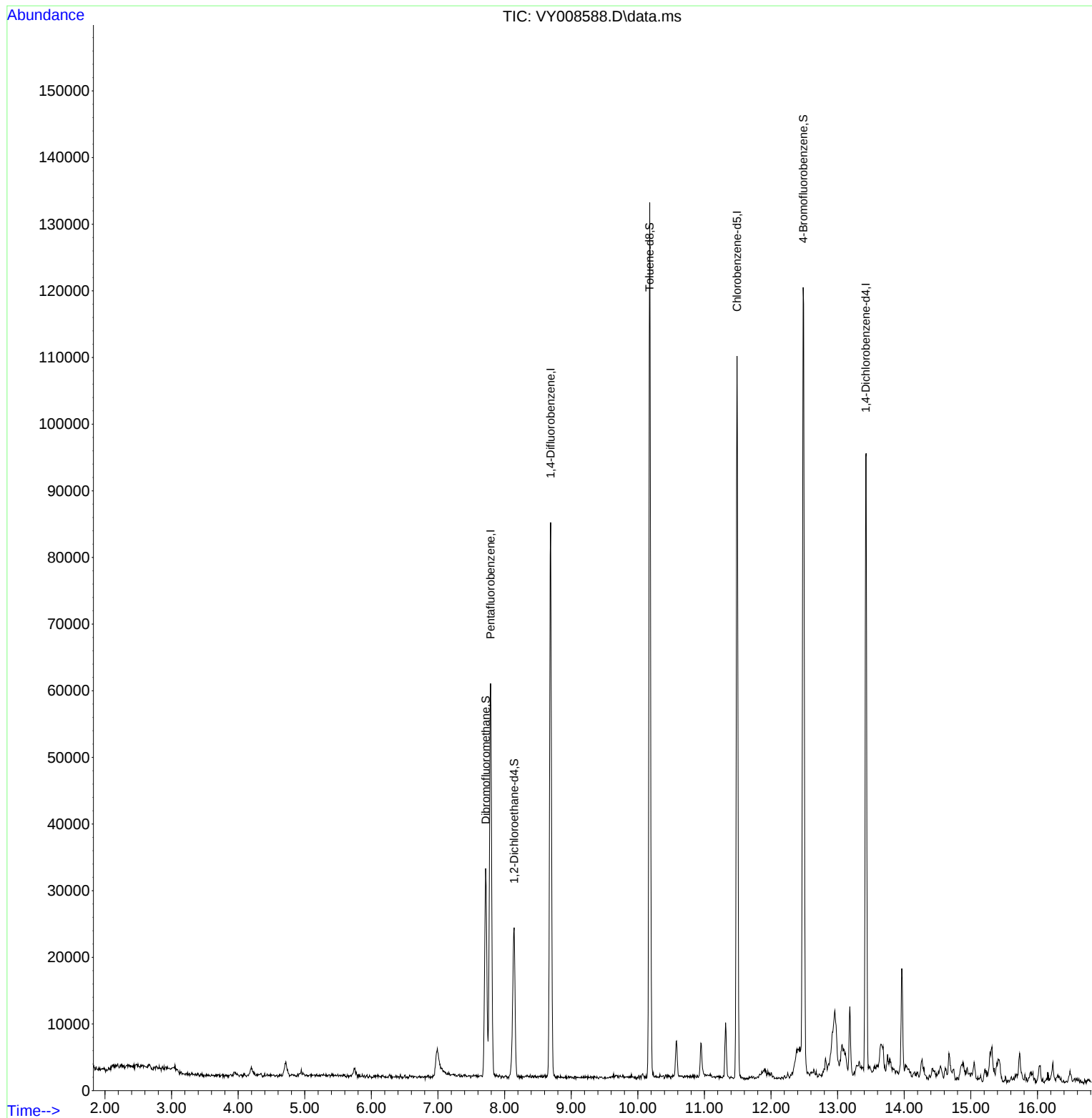
Target Compounds	Qvalue

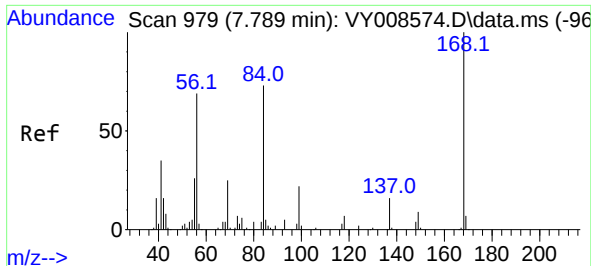
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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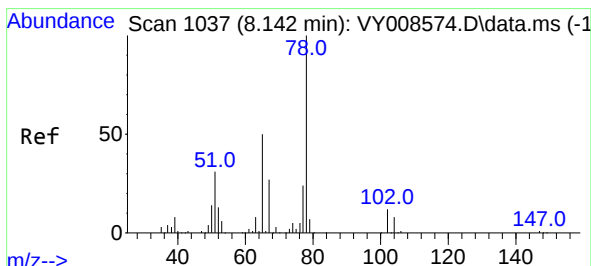
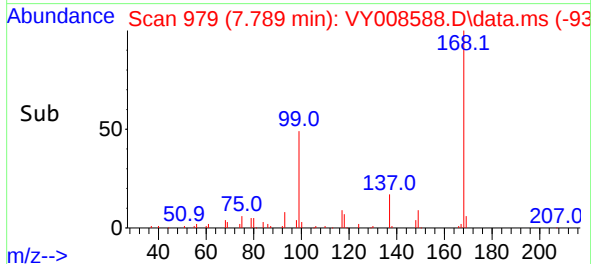
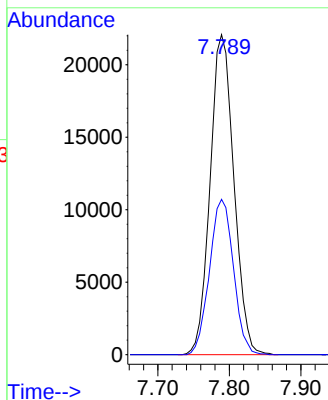
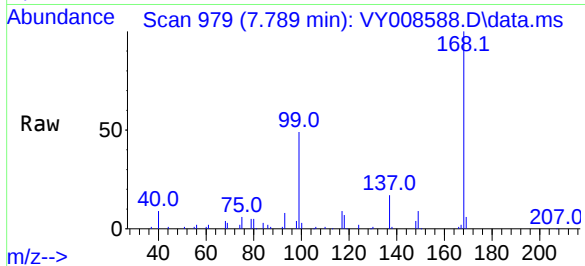




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008588.D
Acq: 03 May 2022 13:45

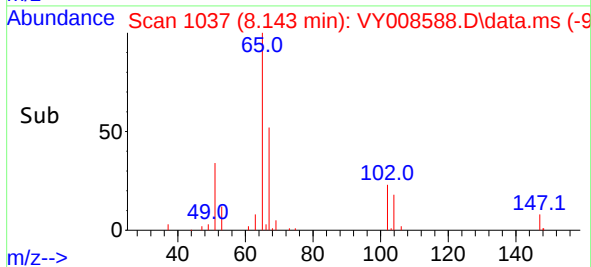
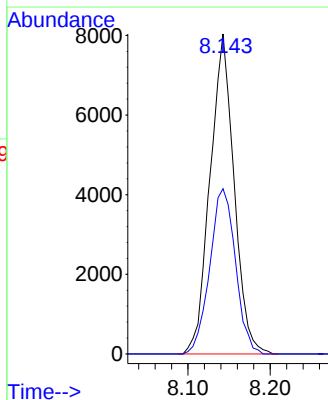
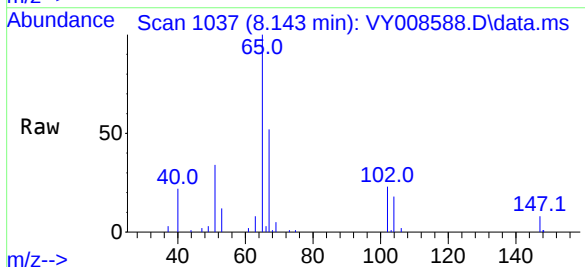
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-042822

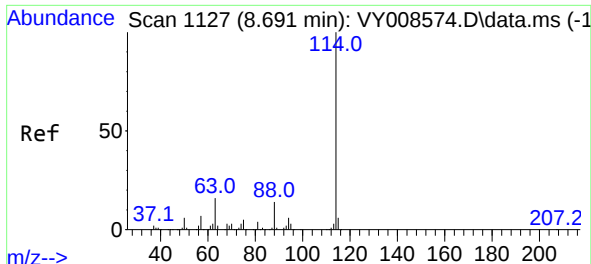
Tgt Ion:168 Resp: 51012
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 32.921 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008588.D
Acq: 03 May 2022 13:45

Tgt Ion: 65 Resp: 16322
Ion Ratio Lower Upper
65 100
67 55.1 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: VY008588.D

Acq: 03 May 2022 13:45

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-042822

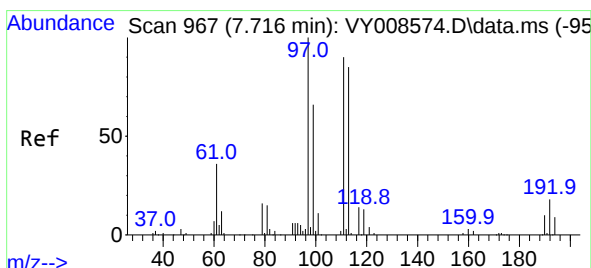
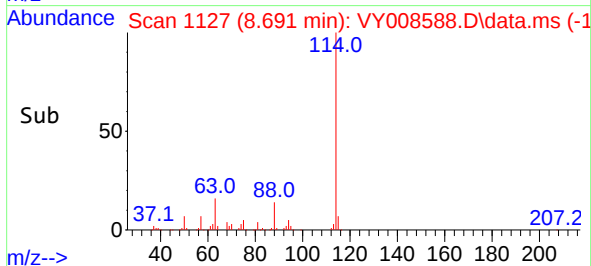
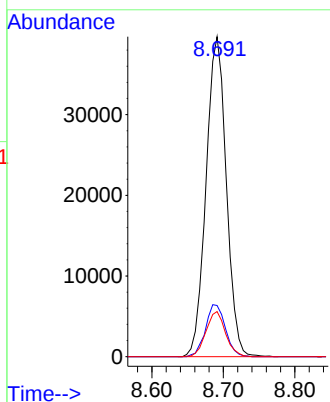
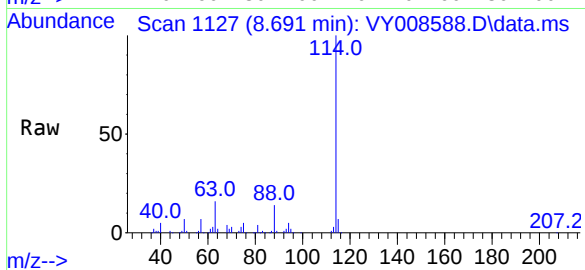
Tgt Ion:114 Resp: 77910

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.060 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008588.D

Acq: 03 May 2022 13:45

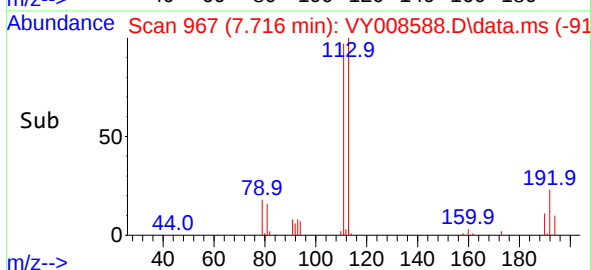
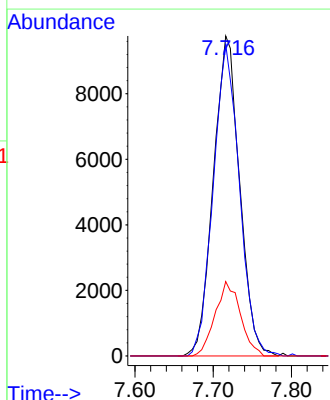
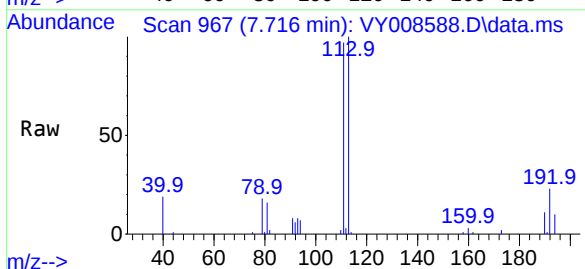
Tgt Ion:113 Resp: 22714

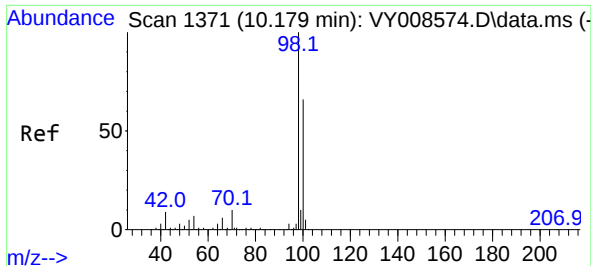
Ion Ratio Lower Upper

113 100

111 96.8 82.6 124.0

192 22.4 17.6 26.4

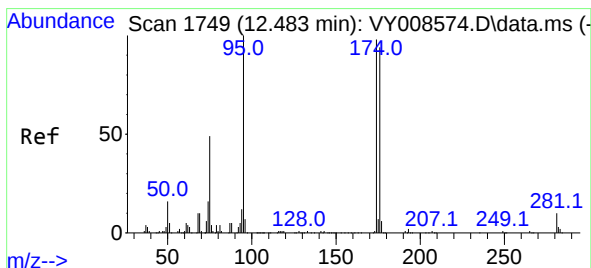
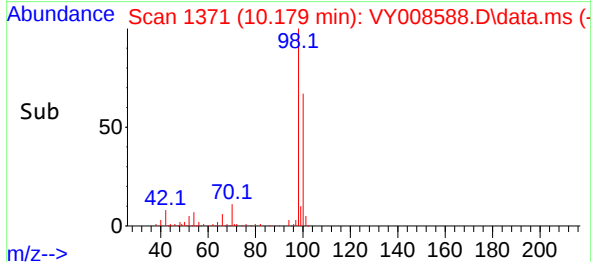
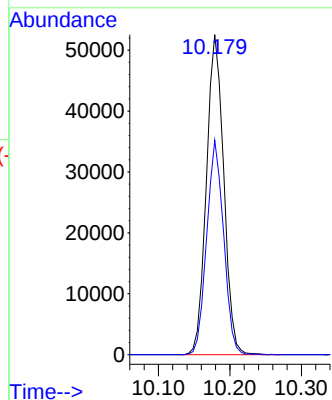
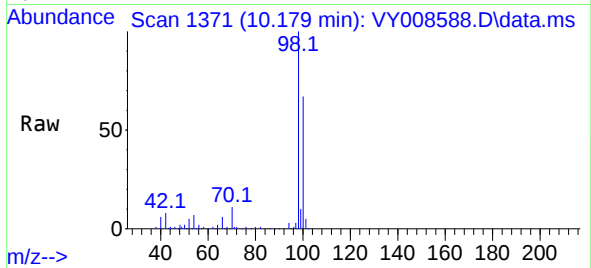




#50
Toluene-d8
Concen: 48.408 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008588.D
Acq: 03 May 2022 13:45

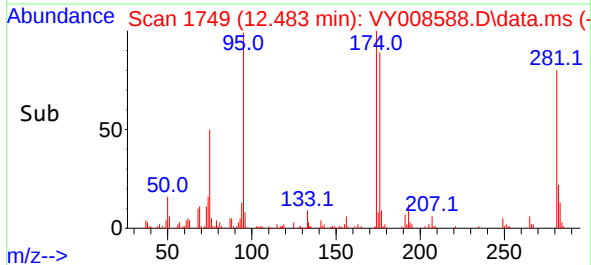
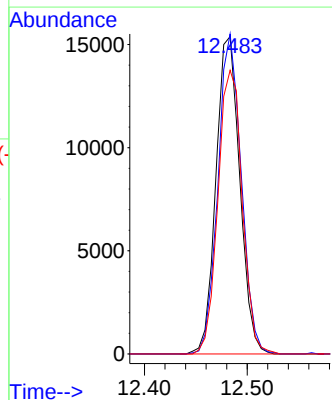
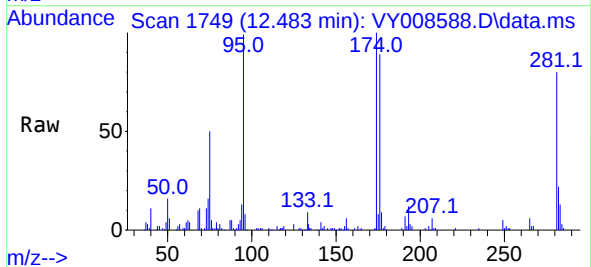
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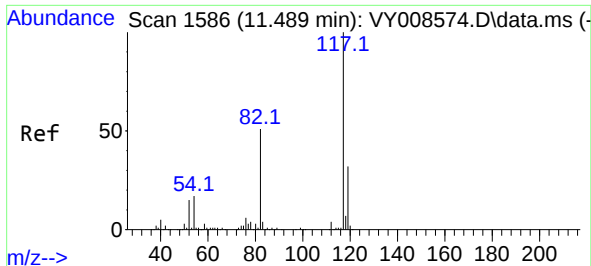
Tgt Ion: 98 Resp: 88413
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.938 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008588.D
Acq: 03 May 2022 13:45

Tgt Ion: 95 Resp: 24727
Ion Ratio Lower Upper
95 100
174 98.7 0.0 177.0
176 91.2 0.0 175.8

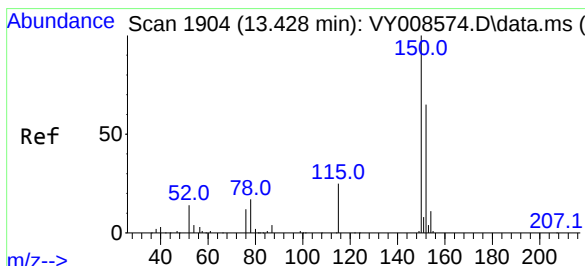
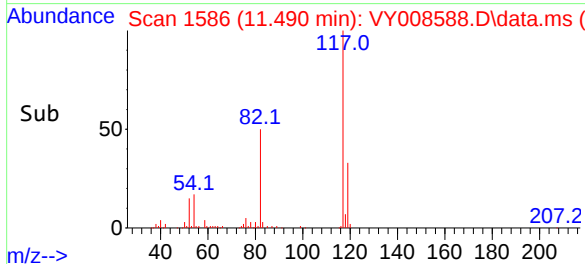
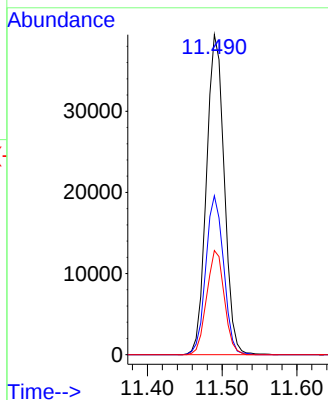
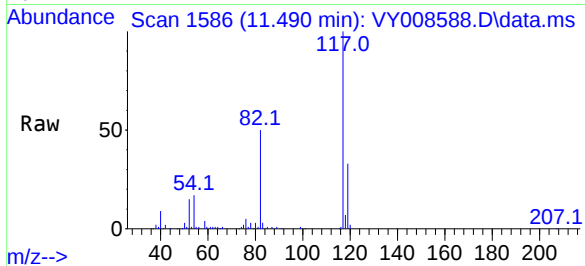




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008588.D
Acq: 03 May 2022 13:45

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-042822

Tgt Ion:117 Resp: 65181
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008588.D
Acq: 03 May 2022 13:45

Tgt Ion:152 Resp: 26724
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 158.3 0.0 347.6

