

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008902.D
 Acq On : 20 May 2022 05:46
 Operator : KP/MD
 Sample : N2868-12
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P022-SS001-0612-01

Quant Time: May 20 08:22:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	125619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95581	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81840	70.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.460%
35) Dibromofluoromethane	7.716	113	72612	55.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.640%
50) Toluene-d8	10.179	98	287512	49.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.483	95	82841	40.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.000%

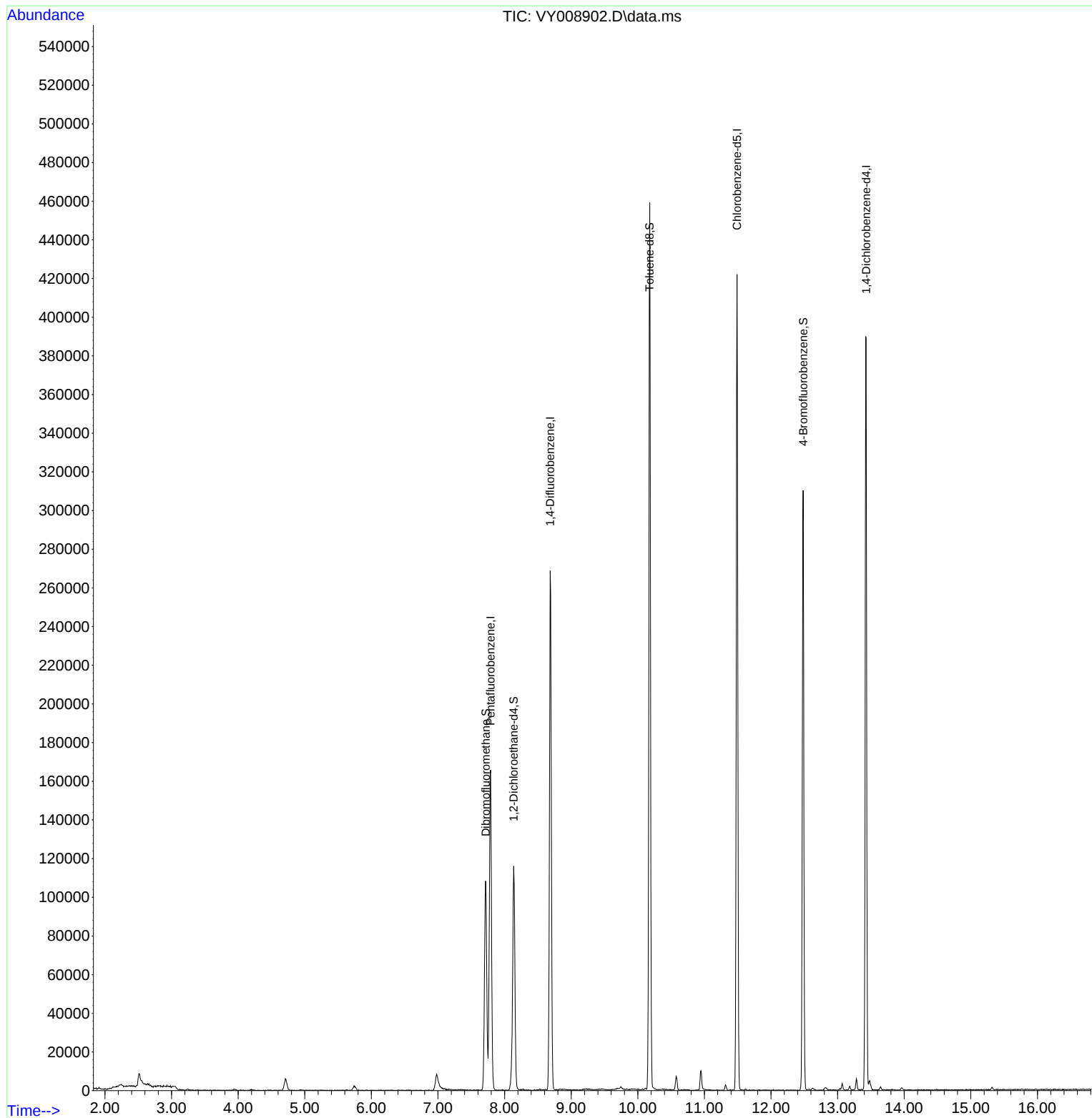
Target Compounds	Qvalue

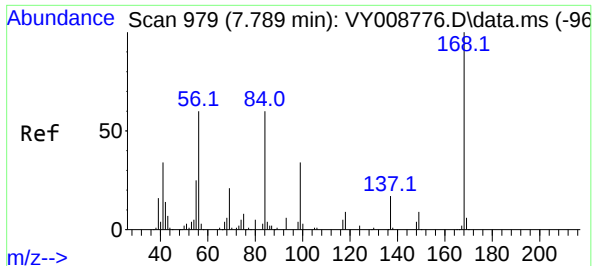
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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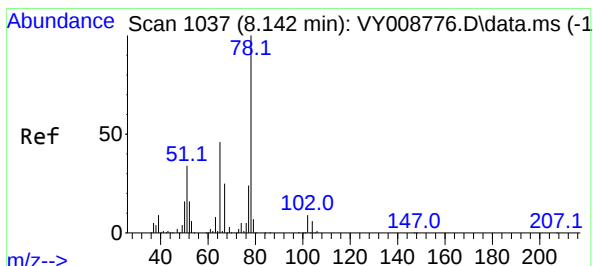
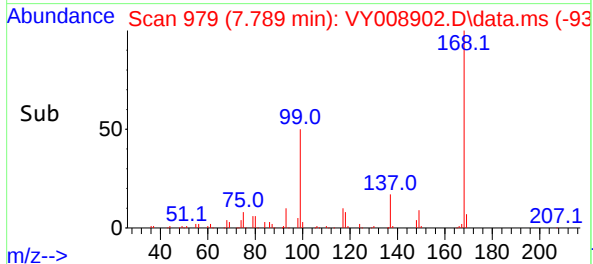
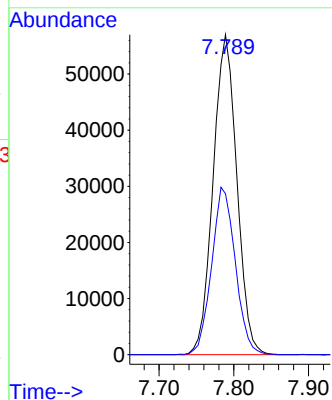
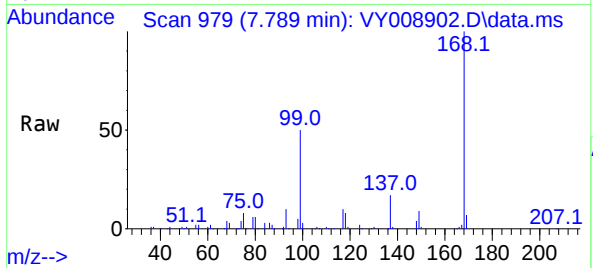




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008902.D
Acq: 20 May 2022 05:46

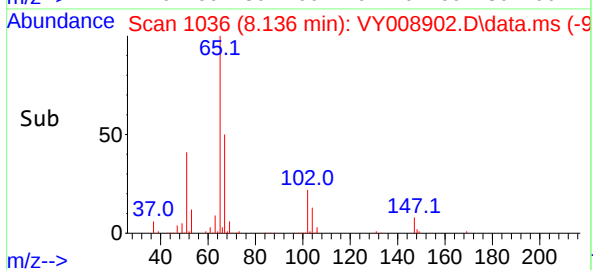
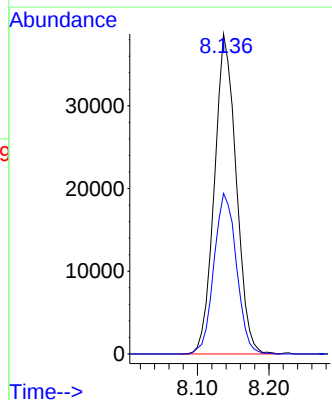
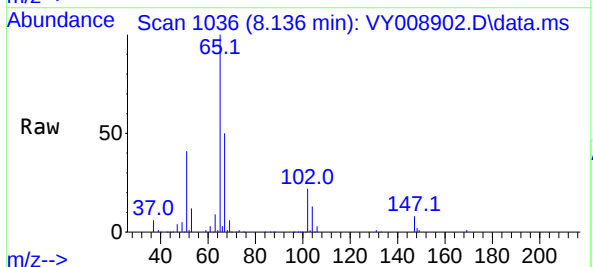
Instrument :
MSVOA_Y
ClientSampleId :
P022-SS001-0612-01

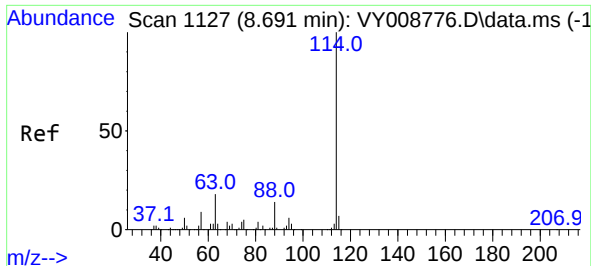
Tgt Ion:168 Resp: 125619
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.226 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008902.D
Acq: 20 May 2022 05:46

Tgt Ion: 65 Resp: 81840
Ion Ratio Lower Upper
65 100
67 51.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008902.D

Acq: 20 May 2022 05:46

Instrument :

MSVOA_Y

ClientSampleId :

P022-SS001-0612-01

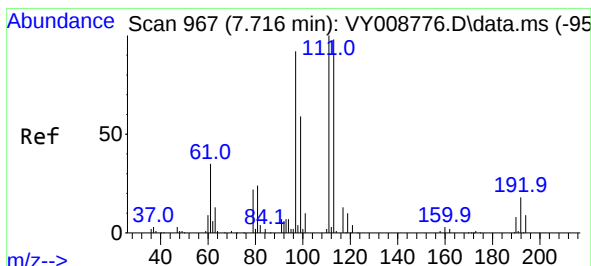
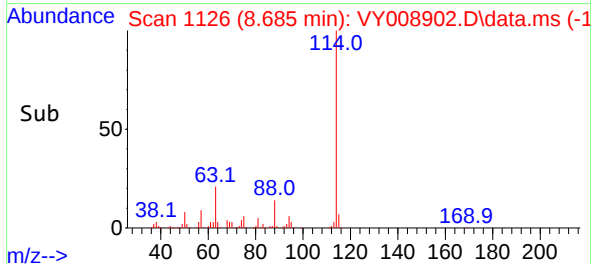
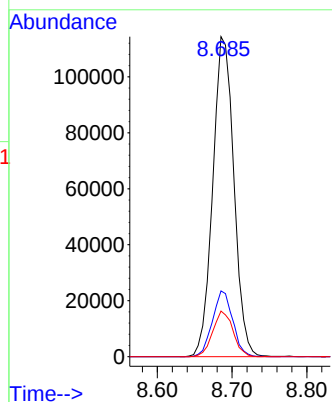
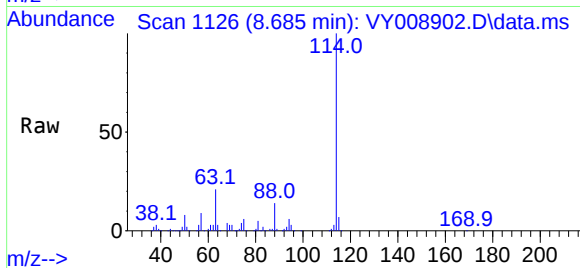
Tgt Ion:114 Resp: 224649

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.320 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008902.D

Acq: 20 May 2022 05:46

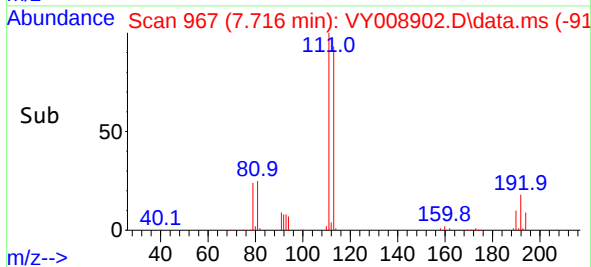
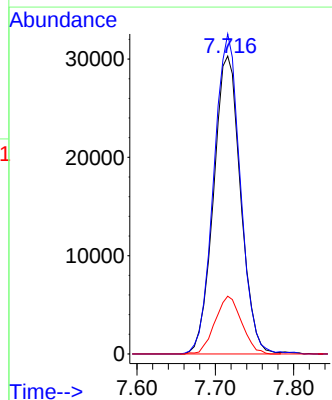
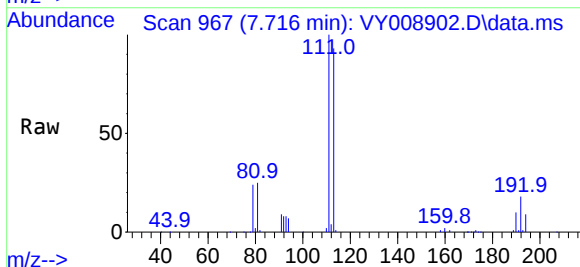
Tgt Ion:113 Resp: 72612

Ion Ratio Lower Upper

113 100

111 105.6 82.6 124.0

192 19.1 17.6 26.4

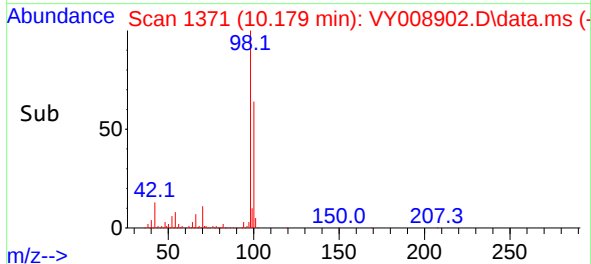
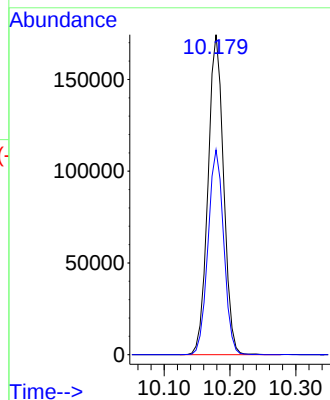
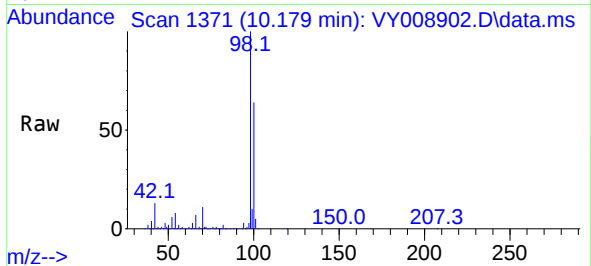




#50
Toluene-d8
Concen: 49.325 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008902.D
Acq: 20 May 2022 05:46

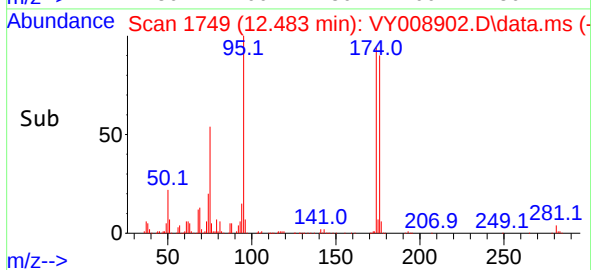
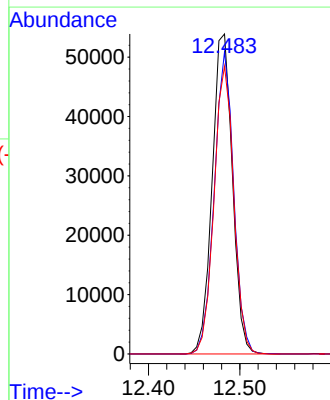
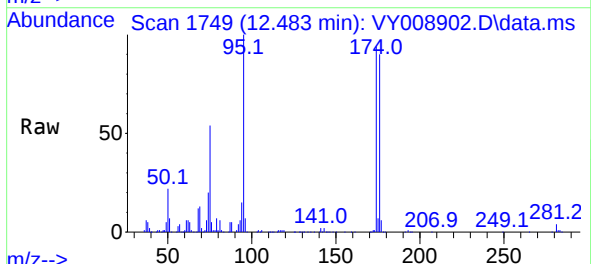
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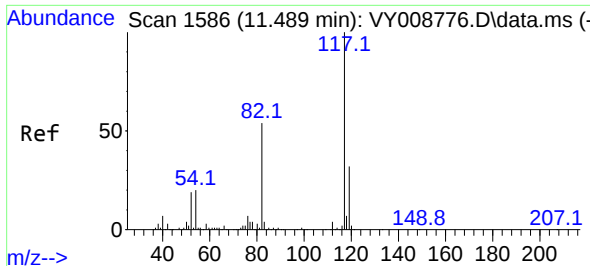
Tgt Ion: 98 Resp: 287512
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.500 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008902.D
Acq: 20 May 2022 05:46

Tgt Ion: 95 Resp: 82841
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 87.9 0.0 175.8

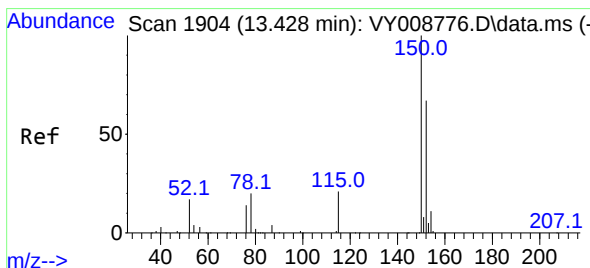
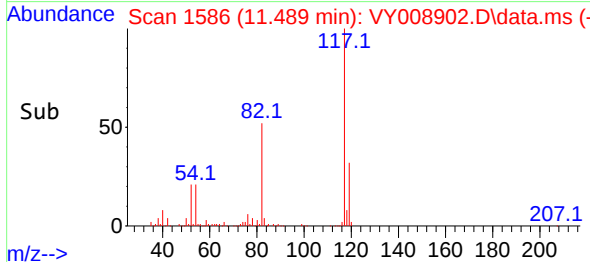
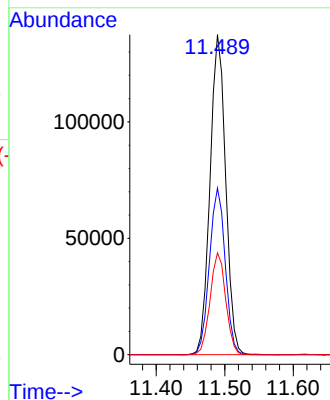
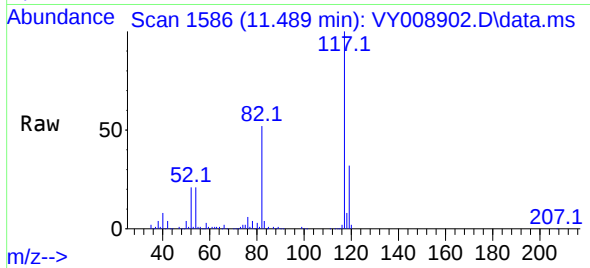




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008902.D
Acq: 20 May 2022 05:46

Instrument :
MSVOA_Y
ClientSampleId :
P022-SS001-0612-01

Tgt Ion:117 Resp: 218104
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.8 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: VY008902.D
Acq: 20 May 2022 05:46

Tgt Ion:152 Resp: 95581
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 158.1 0.0 347.6

