

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014792.D
 Acq On : 25 Jul 2023 11:24
 Operator : SY/MD
 Sample : 03719-01re
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P11ARE

Quant Time: Jul 25 14:13:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	16596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	8607	45.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.715	113	6867	43.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.180%
50) Toluene-d8	10.178	98	28531	49.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.477	95	8942	40.155	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.300%

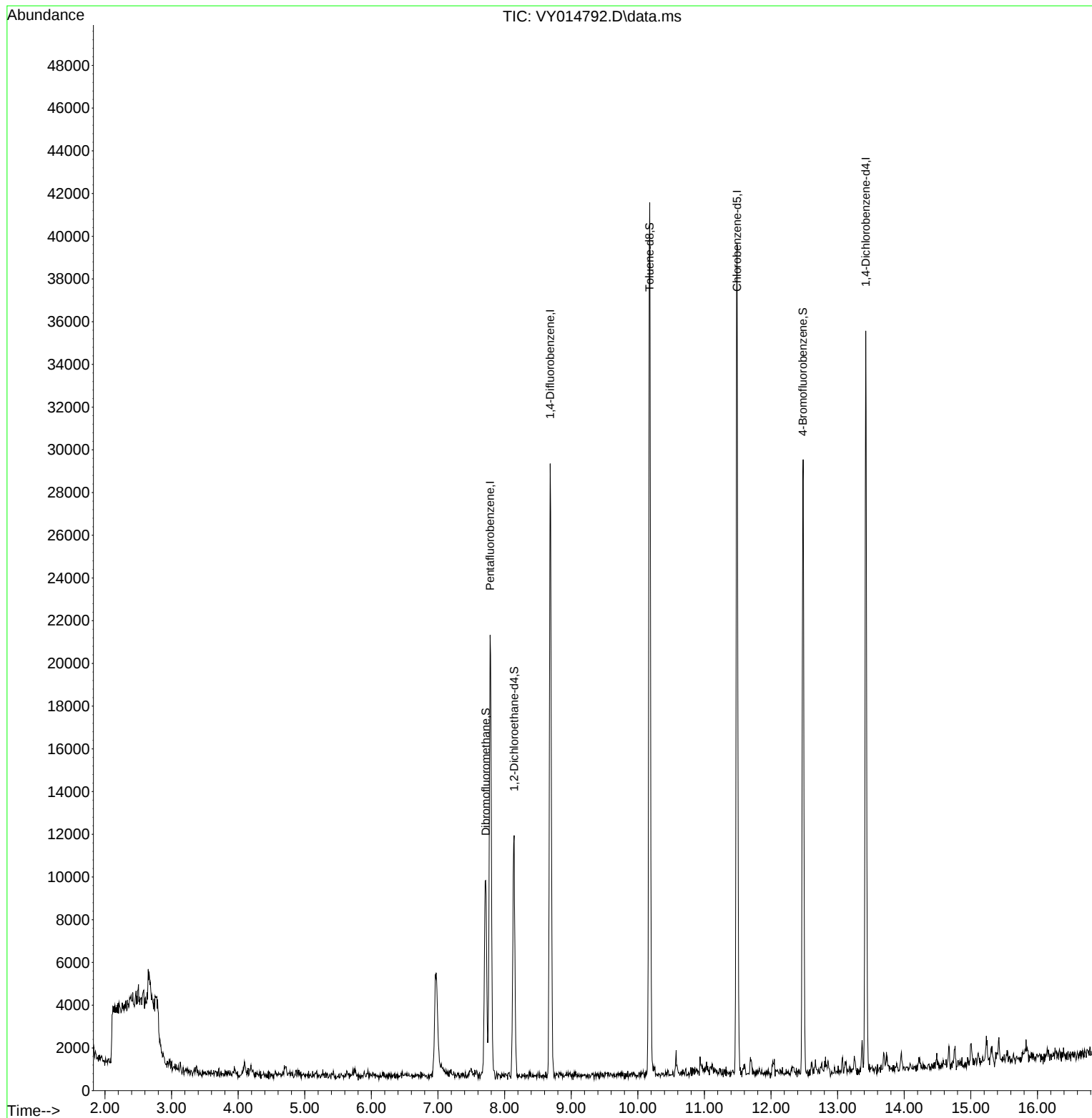
Target Compounds	Qvalue

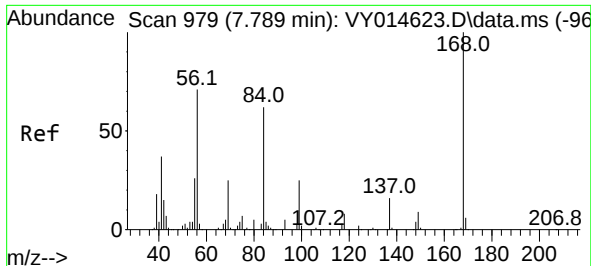
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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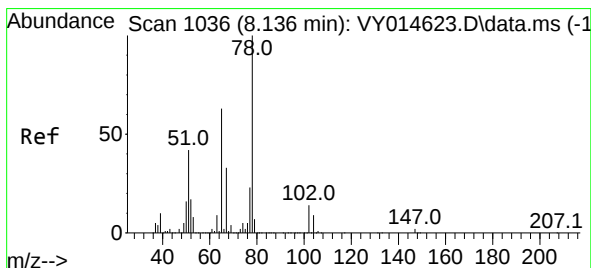
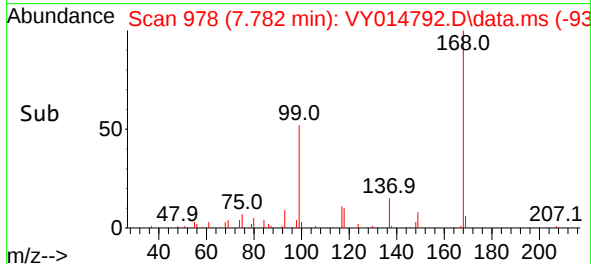
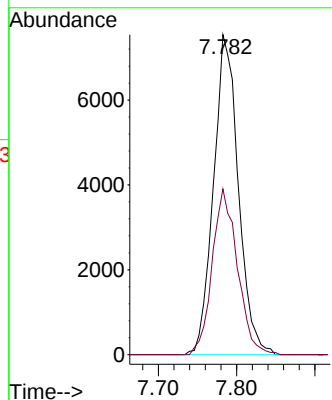
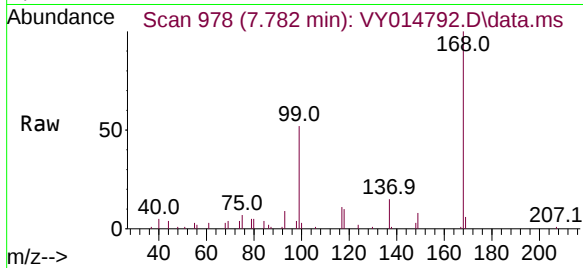




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014792.D
Acq: 25 Jul 2023 11:24

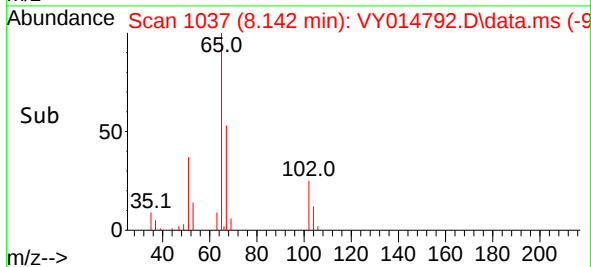
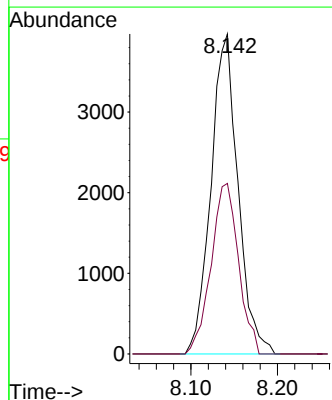
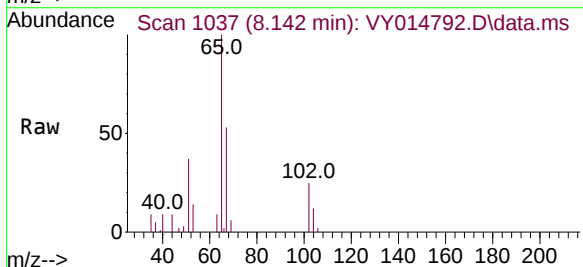
Instrument :
MSVOA_Y
ClientSampleId :
B-P11ARE

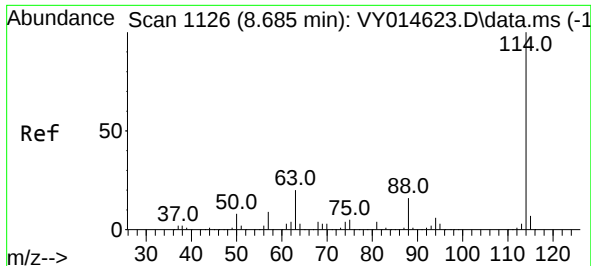
Tgt Ion:168 Resp: 16596
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 45.511 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014792.D
Acq: 25 Jul 2023 11:24

Tgt Ion: 65 Resp: 8607
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY014792.D

Acq: 25 Jul 2023 11:24

Instrument :

MSVOA_Y

ClientSampleId :

B-P11ARE

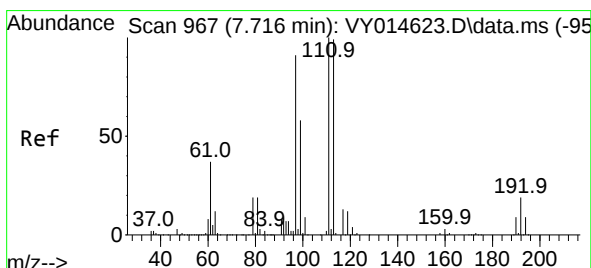
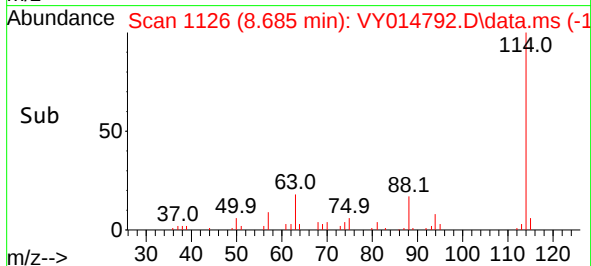
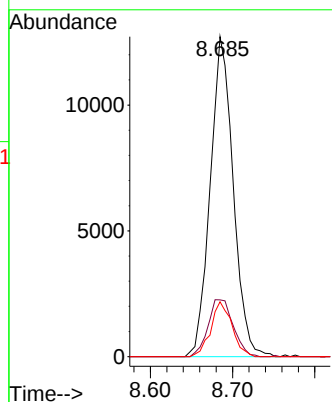
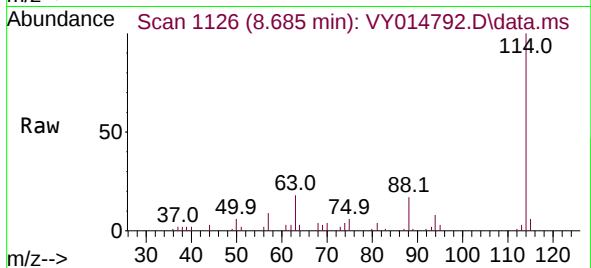
Tgt Ion:114 Resp: 24746

Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.593 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014792.D

Acq: 25 Jul 2023 11:24

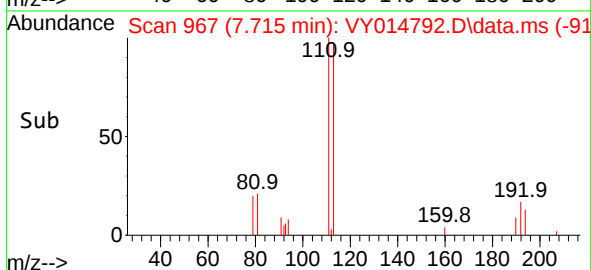
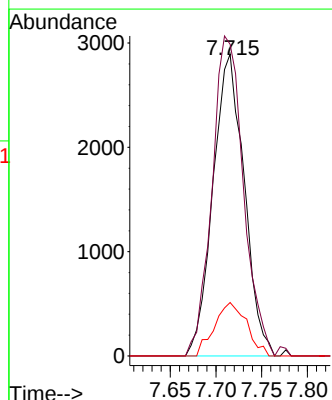
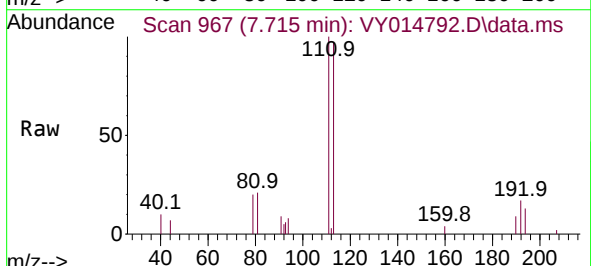
Tgt Ion:113 Resp: 6867

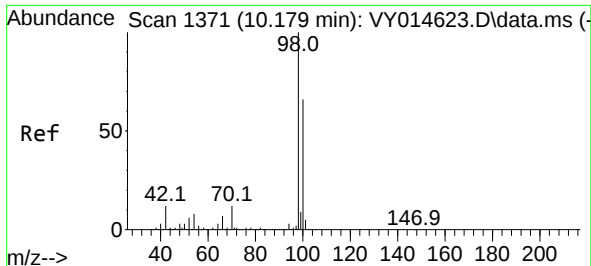
Ion Ratio Lower Upper

113 100

111 106.7 81.3 121.9

192 18.3 16.9 25.3

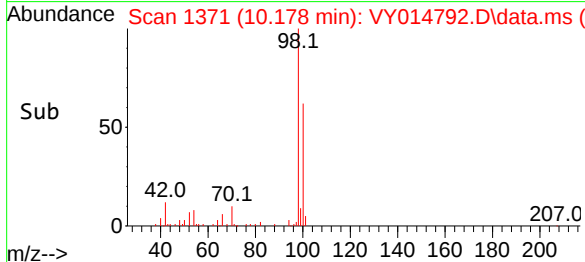
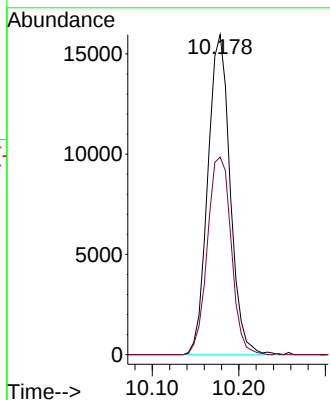
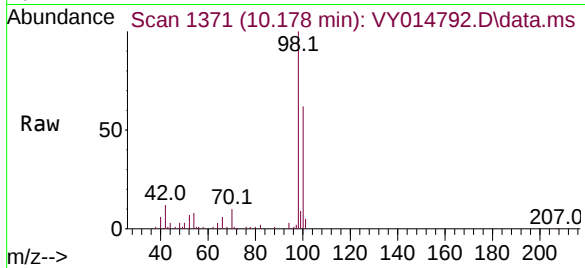




#50
Toluene-d8
Concen: 49.126 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014792.D
Acq: 25 Jul 2023 11:24

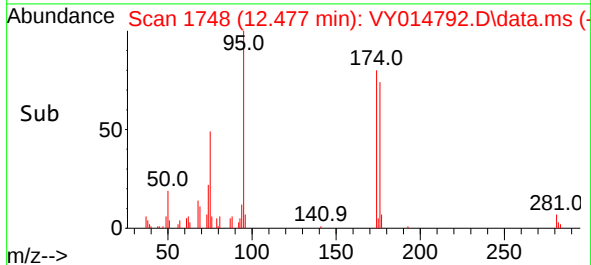
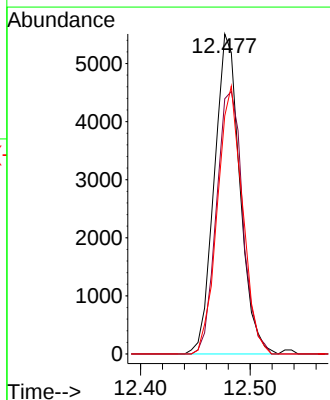
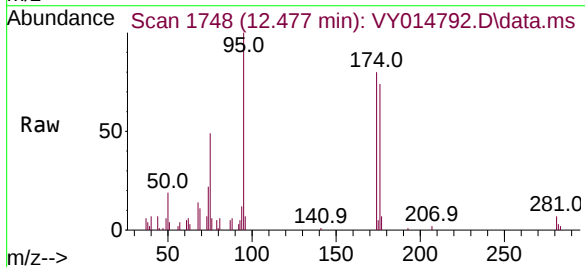
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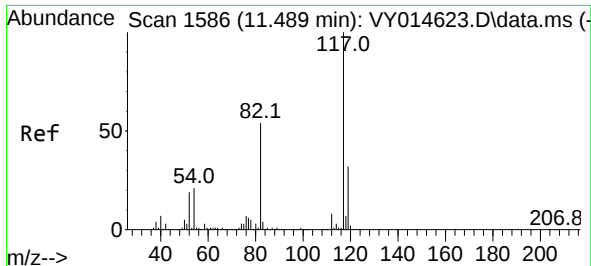
Tgt Ion: 98 Resp: 28531
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.155 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014792.D
Acq: 25 Jul 2023 11:24

Tgt Ion: 95 Resp: 8942
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 81.9 0.0 173.8

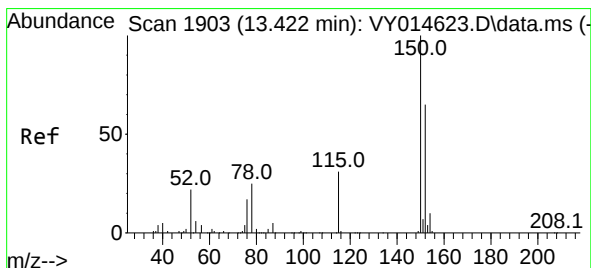
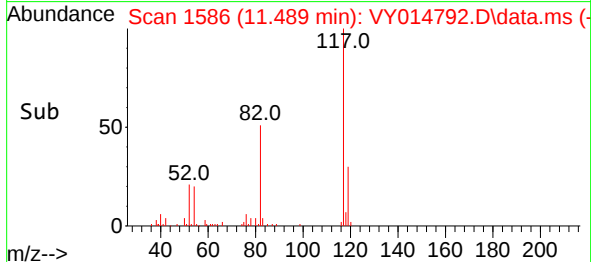
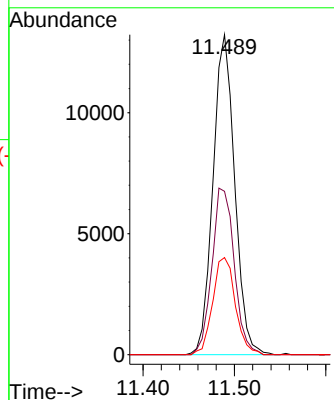
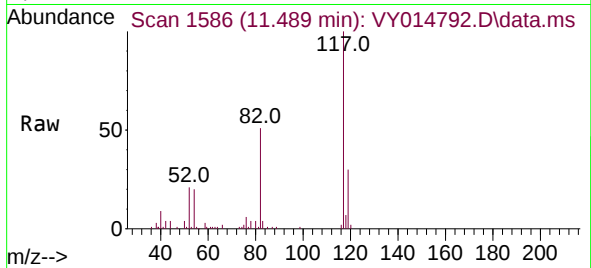




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11779
Delta R.T. 0.000 min
Lab File: VY014792.D
Acq: 25 Jul 2023 11:24

Instrument :
MSVOA_Y
ClientSampleId :
B-P11ARE

Tgt Ion:	117	Resp:	21779
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.4	65.0
119	30.3	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014792.D
Acq: 25 Jul 2023 11:24

Tgt Ion:	152	Resp:	8879
Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.8	86.5
150	159.8	0.0	348.8

