

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060823\  
 Data File : VY014080.D  
 Acq On : 08 Jun 2023 18:02  
 Operator : KP/MD  
 Sample : 03096-04  
 Misc : 3.97g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-25-0A

Quant Time: Jun 09 04:23:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 07:00:14 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	154130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	104951	51.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.880%
35) Dibromofluoromethane	7.722	113	89919	53.403	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.800%
50) Toluene-d8	10.178	98	333686	51.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.483	95	119691	54.663	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.320%

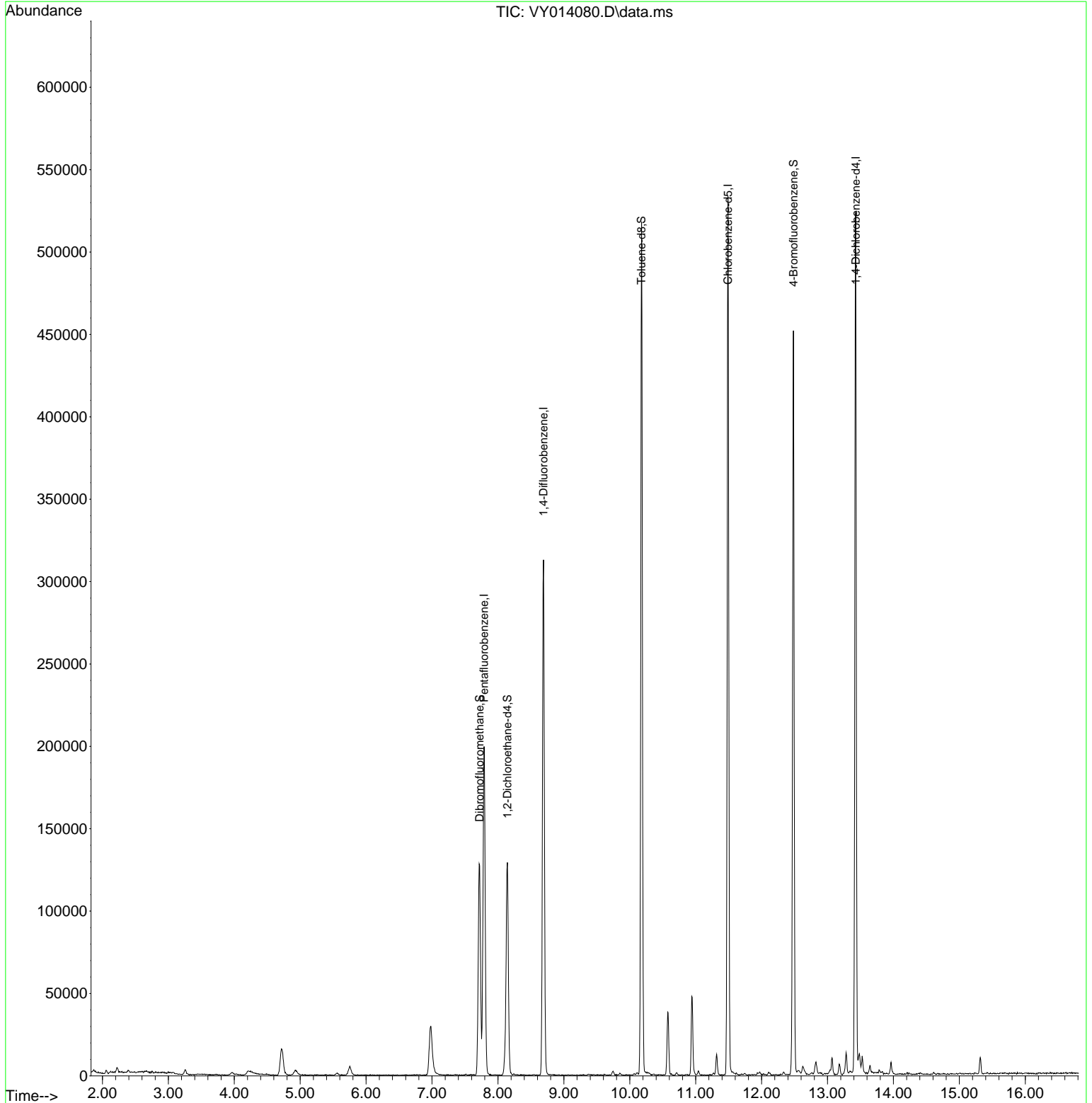
Target Compounds Qvalue

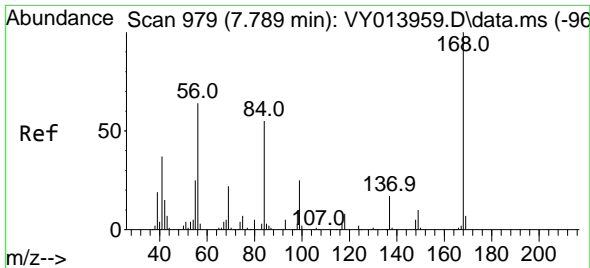
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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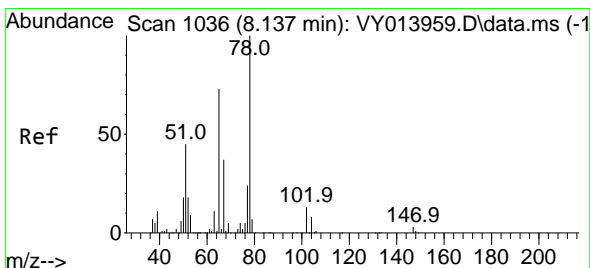
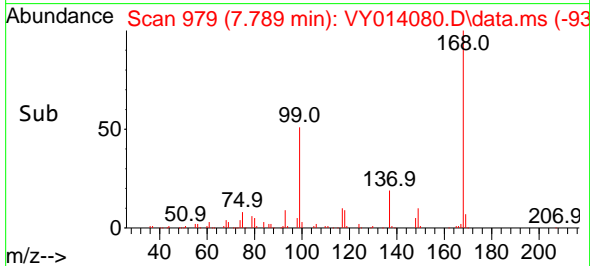
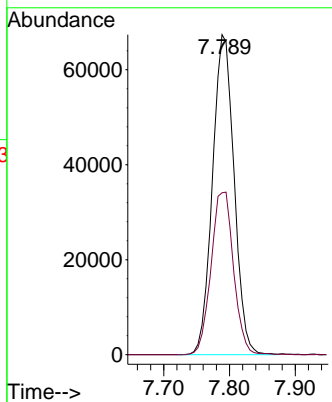
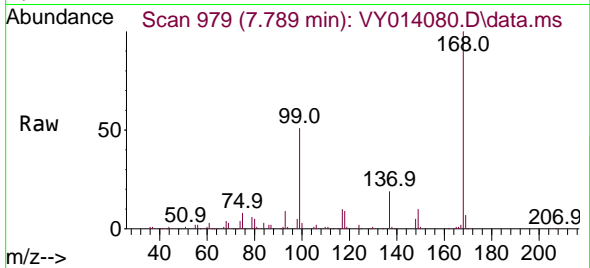




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.789 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02

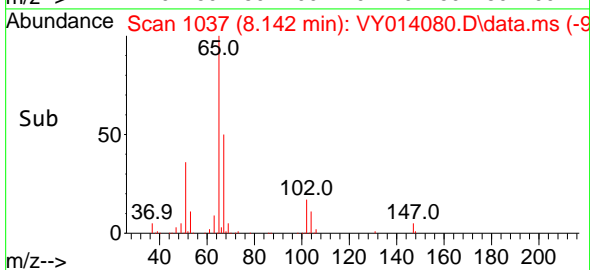
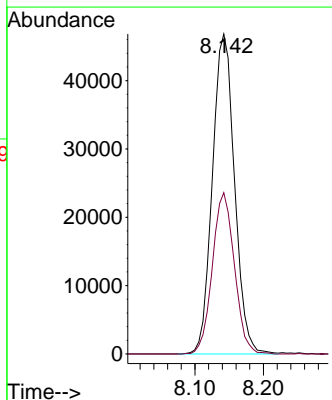
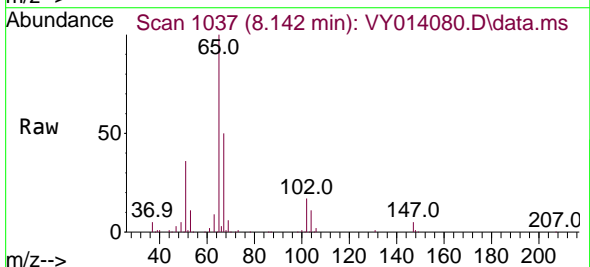
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-25-0A

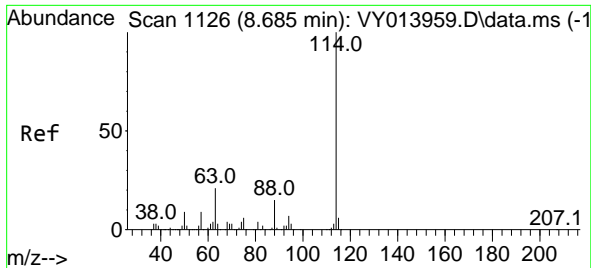
Tgt Ion:168 Resp: 154130  
 Ion Ratio Lower Upper  
 168 100  
 99 50.6 43.4 65.0



#33  
 1,2-Dichloroethane-d4  
 Concen: 51.438 ug/l  
 RT: 8.142 min Scan# 1037  
 Delta R.T. 0.006 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02

Tgt Ion: 65 Resp: 104951  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 101.8

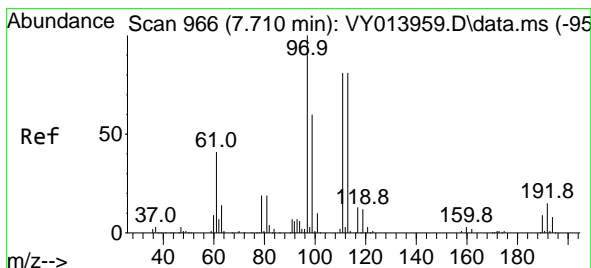
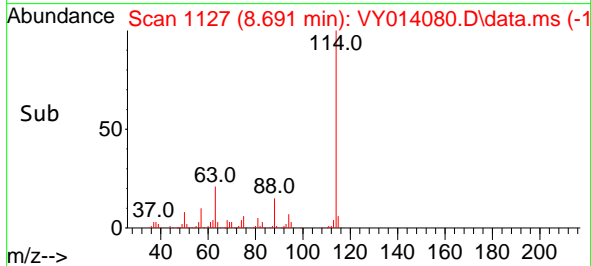
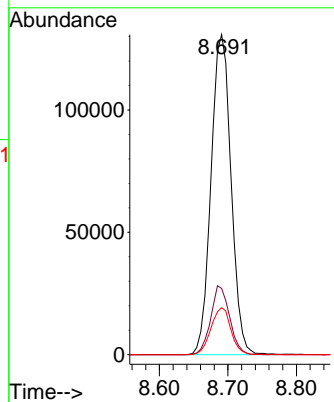
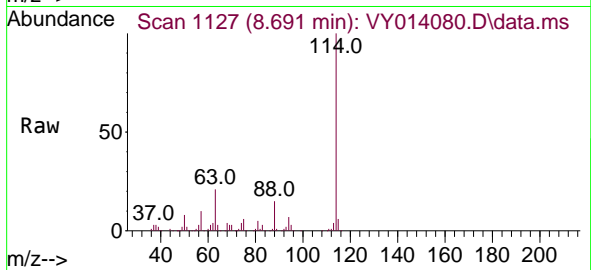




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.006 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02

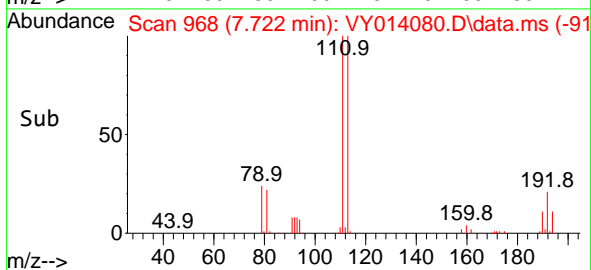
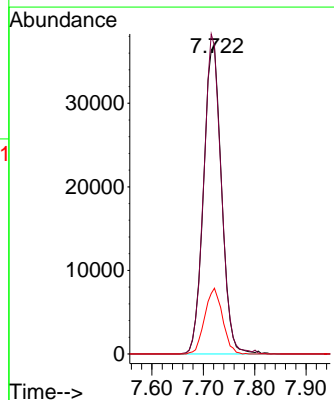
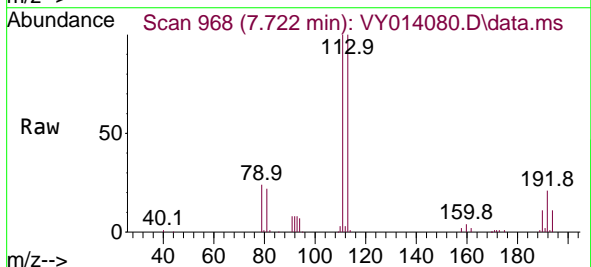
Instrument :  
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 ClientSampleId :  
 TP-25-0A

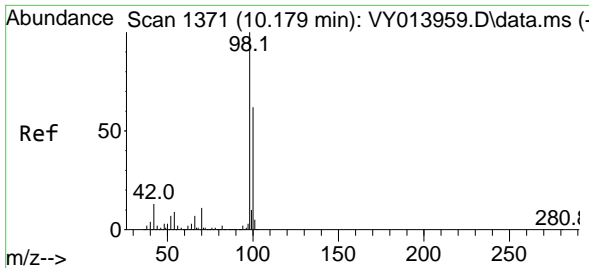
Tgt Ion	Resp	Lower	Upper
114	100		
63	20.7	0.0	42.4
88	14.7	0.0	30.6



#35  
 Dibromofluoromethane  
 Concen: 53.403 ug/l  
 RT: 7.722 min Scan# 968  
 Delta R.T. 0.012 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02

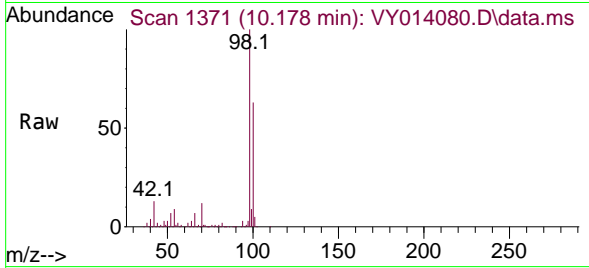
Tgt Ion	Resp	Lower	Upper
113	100		
111	100.6	81.3	121.9
192	21.0	16.9	25.3



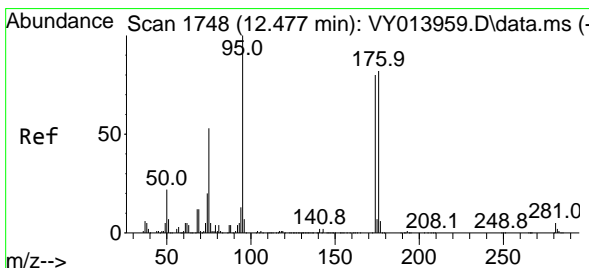
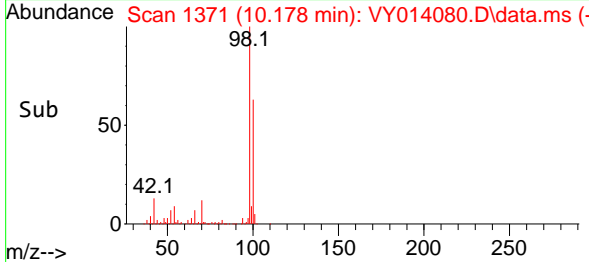
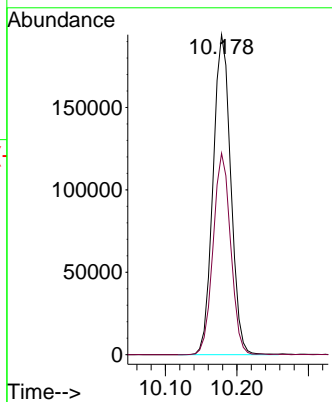


#50  
 Toluene-d8  
 Concen: 51.955 ug/l  
 RT: 10.178 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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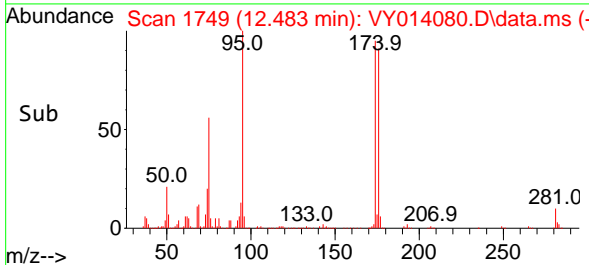
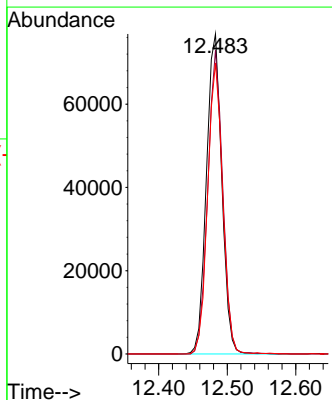
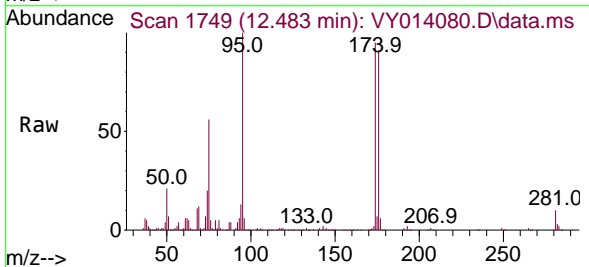


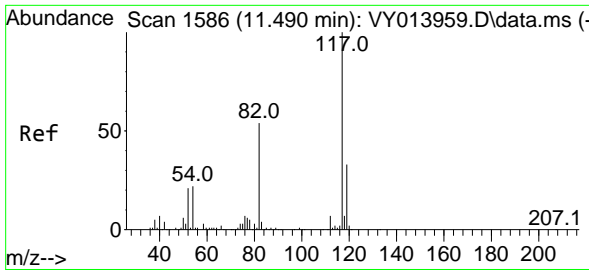
Tgt Ion: 98 Resp: 333686  
 Ion Ratio Lower Upper  
 98 100  
 100 62.3 50.1 75.1



#62  
 4-Bromofluorobenzene  
 Concen: 54.663 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.006 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02

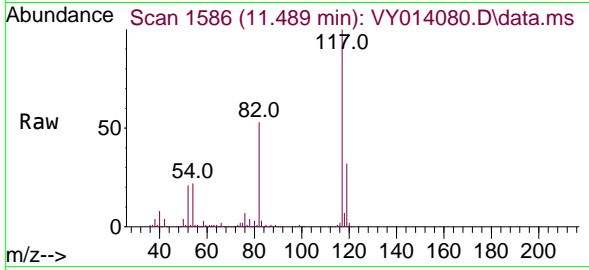
Tgt Ion: 95 Resp: 119691  
 Ion Ratio Lower Upper  
 95 100  
 174 92.6 0.0 178.2  
 176 89.2 0.0 173.8





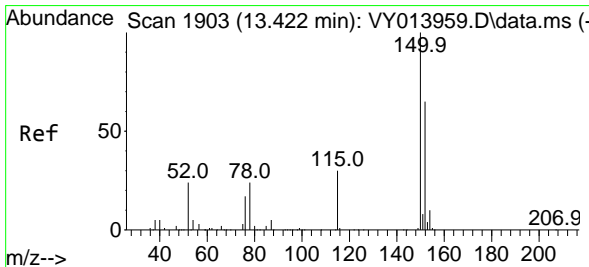
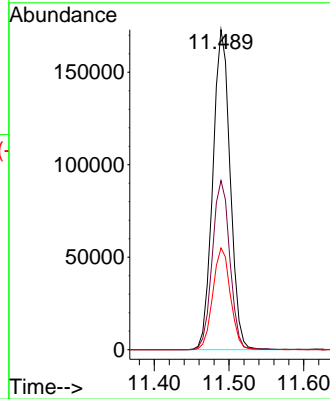
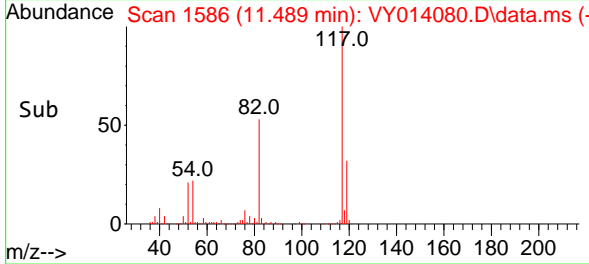
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.489 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02

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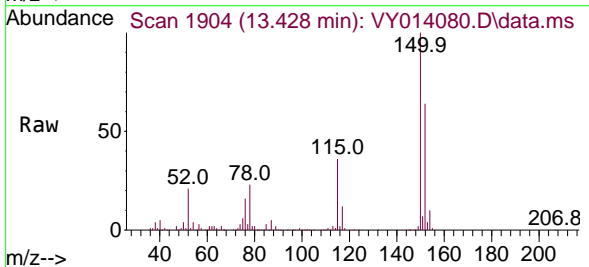


Tgt Ion:117 Resp: 279852

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.4	65.0
119	31.8	26.3	39.5



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.006 min  
 Lab File: VY014080.D  
 Acq: 08 Jun 2023 18:02



Tgt Ion:152 Resp: 135619

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.8	86.5
150	156.1	0.0	348.8

