

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061124\  
 Data File : VX041825.D  
 Acq On : 11 Jun 2024 13:10  
 Operator : JC/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 VIBLK

Quant Time: Jun 12 05:49:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 30 07:36:24 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) Pentafluorobenzene	5.550	168	143116	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	224112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85137	48.504	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.000%
35) Dibromofluoromethane	5.385	113	70844	45.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.647	98	261502	48.300	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.600%
62) 4-Bromofluorobenzene	11.079	95	96451	48.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.540%

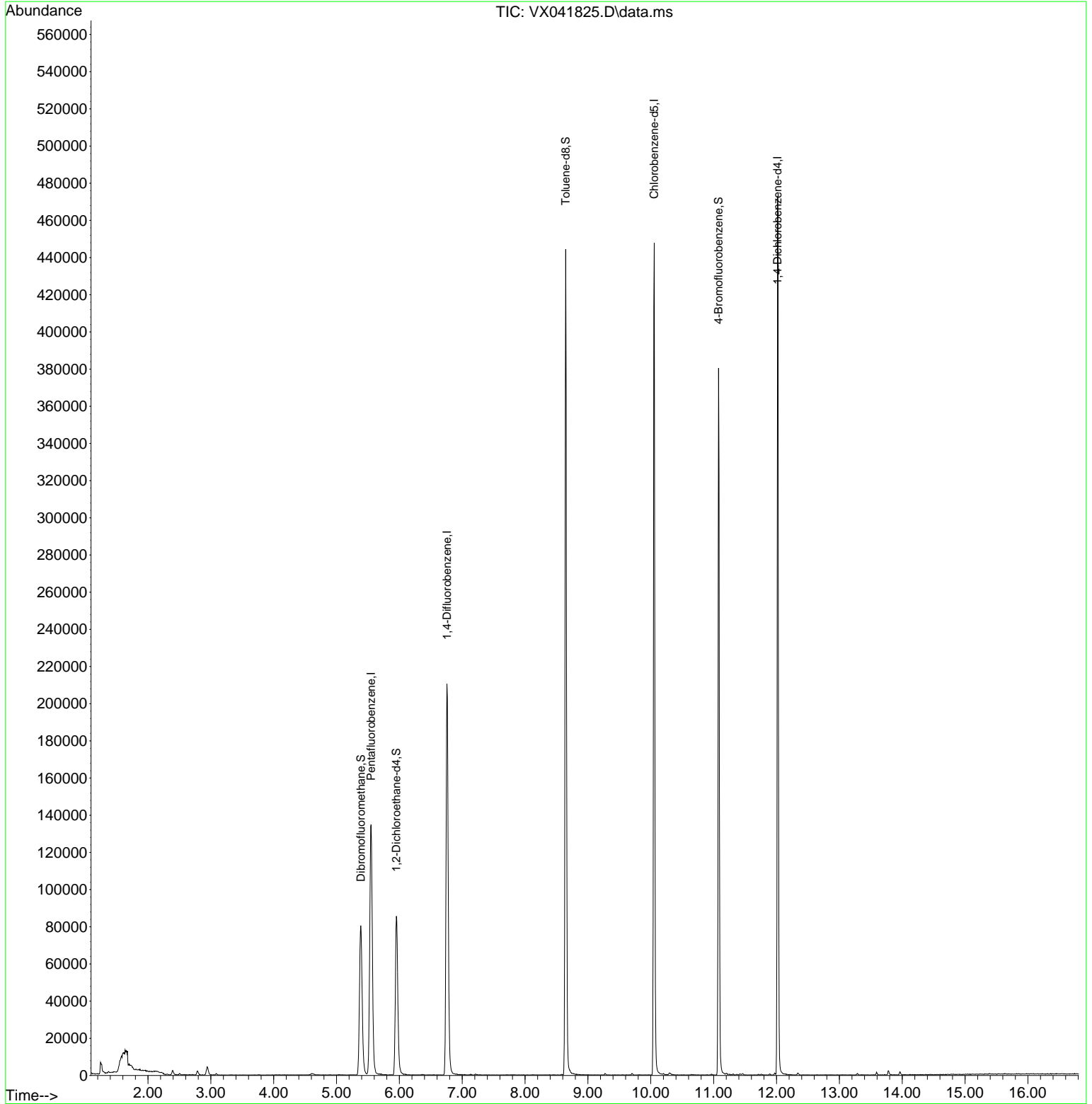
Target Compounds Qvalue  
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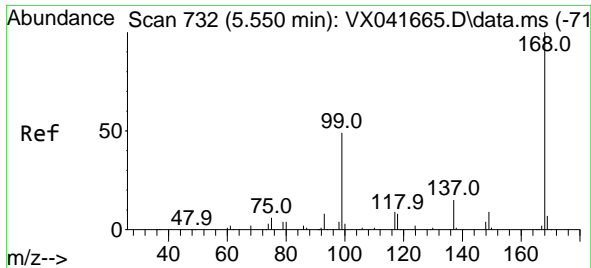
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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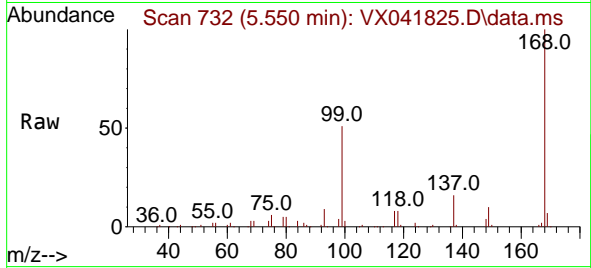
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 Quant Title : SW846 8260  
 QLast Update : Thu May 30 07:36:24 2024  
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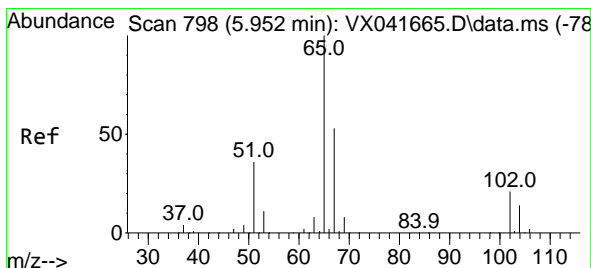
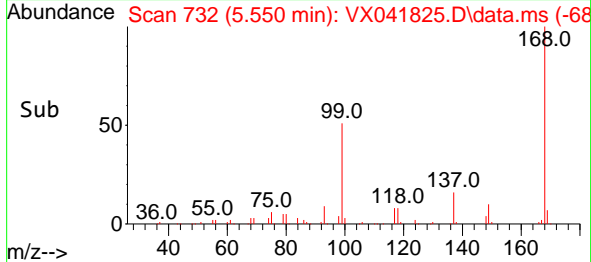
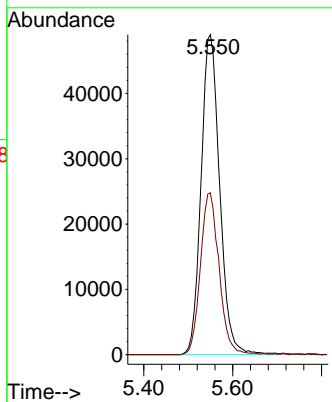


#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.550 min Scan# 732  
 Delta R.T. -0.000 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VIBLK

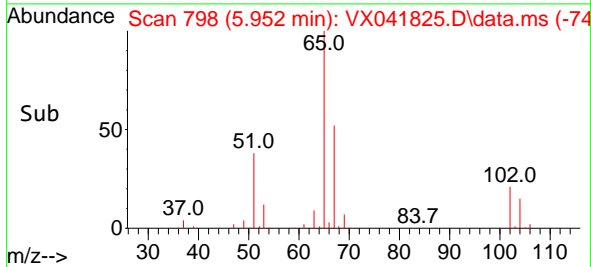
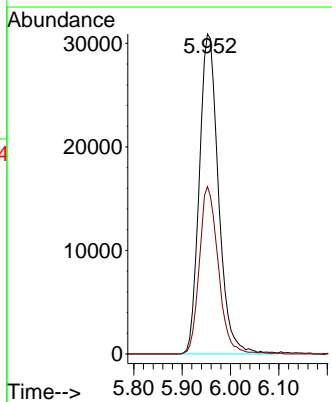
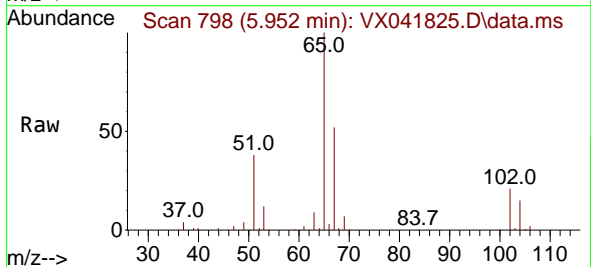


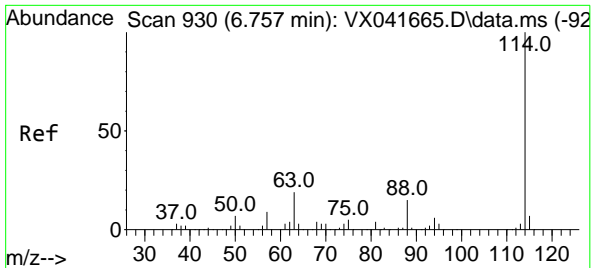
Tgt Ion:168 Resp: 143116  
 Ion Ratio Lower Upper  
 168 100  
 99 50.6 56.6 85.0#



#33  
 1,2-Dichloroethane-d4  
 Concen: 48.504 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10

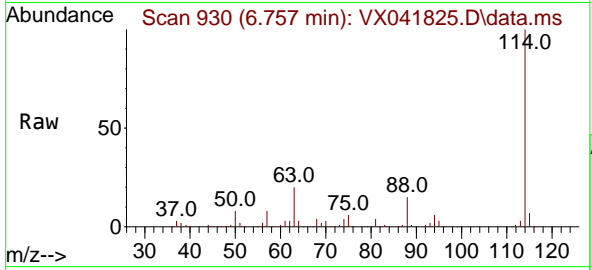
Tgt Ion: 65 Resp: 85137  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 100.2





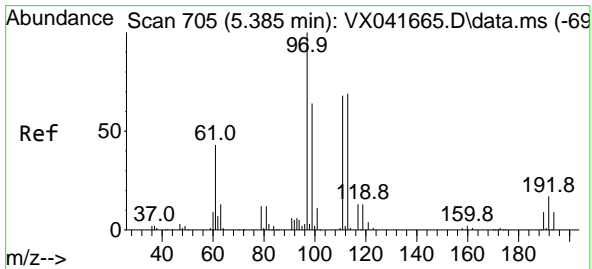
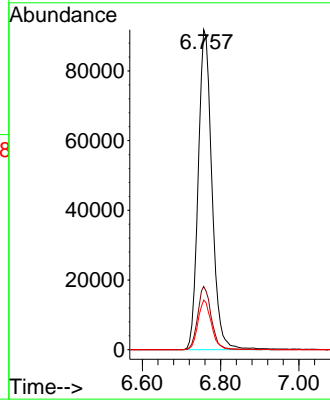
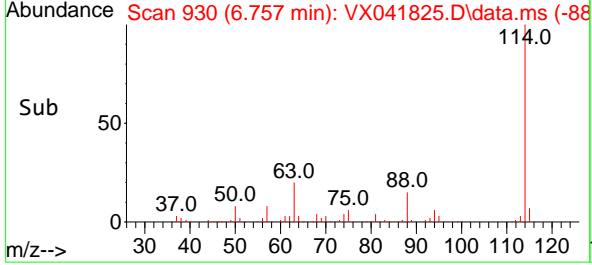
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10

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 VIBLK

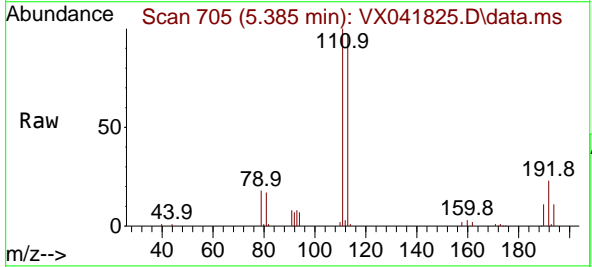


Tgt Ion:114 Resp: 224112

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	45.0
88	15.5	0.0	36.6

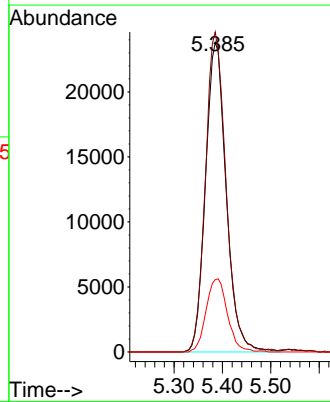
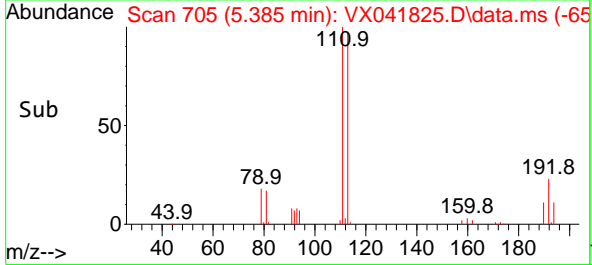


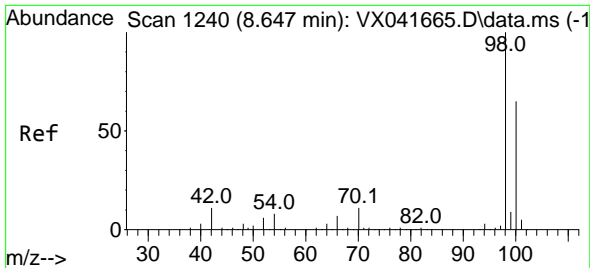
#35  
 Dibromofluoromethane  
 Concen: 45.721 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.000 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10



Tgt Ion:113 Resp: 70844

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	24.3	13.3	19.9

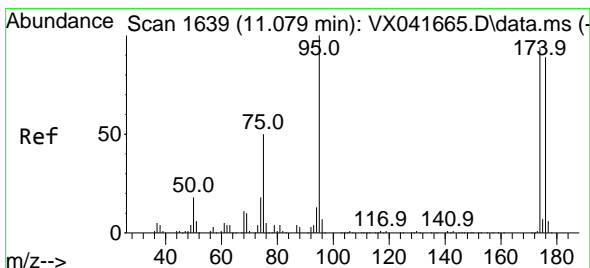
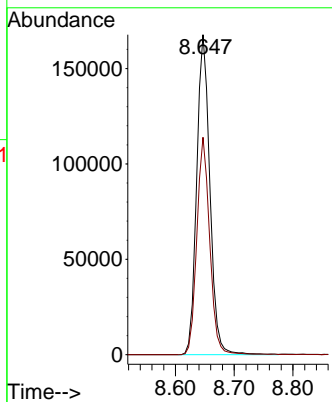
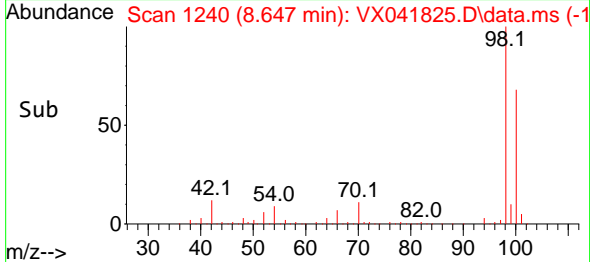
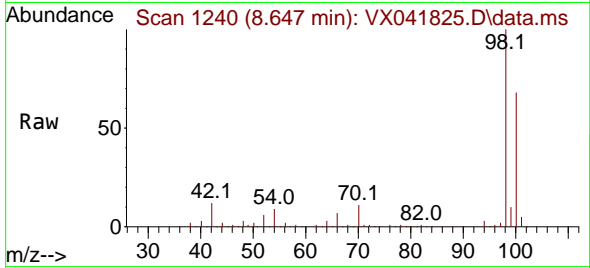




#50  
 Toluene-d8  
 Concen: 48.300 ug/l  
 RT: 8.647 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10

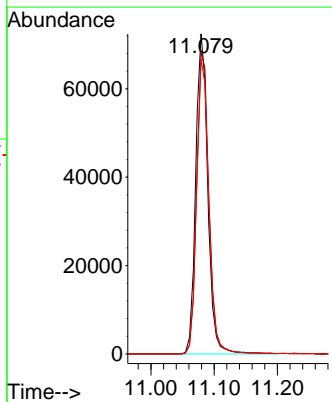
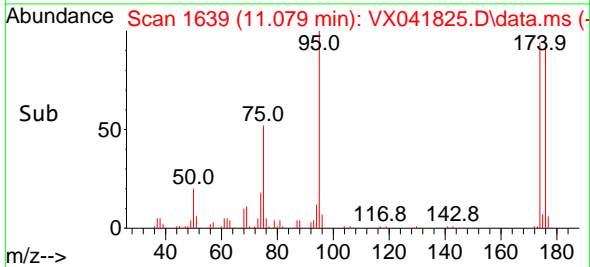
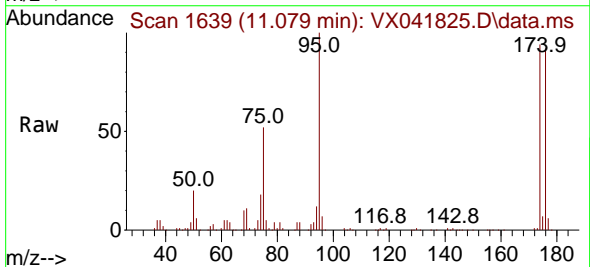
Instrument :  
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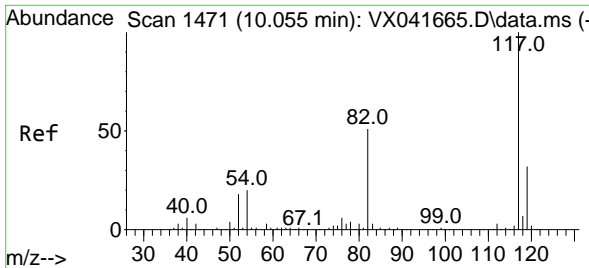
Tgt Ion: 98 Resp: 261502  
 Ion Ratio Lower Upper  
 98 100  
 100 66.4 53.1 79.7



#62  
 4-Bromofluorobenzene  
 Concen: 48.268 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. 0.000 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10

Tgt Ion: 95 Resp: 96451  
 Ion Ratio Lower Upper  
 95 100  
 174 96.3 0.0 135.6  
 176 92.5 0.0 131.0



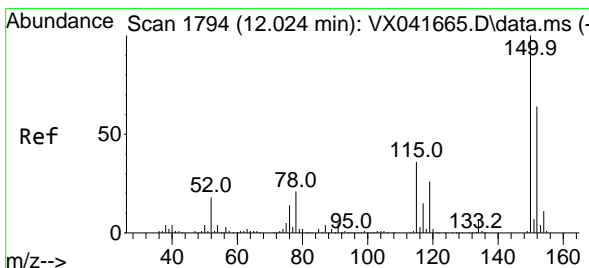
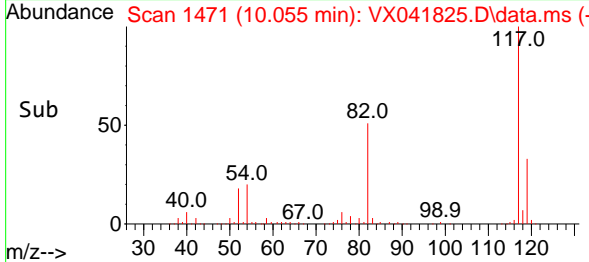
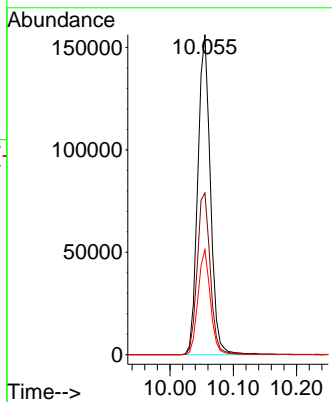
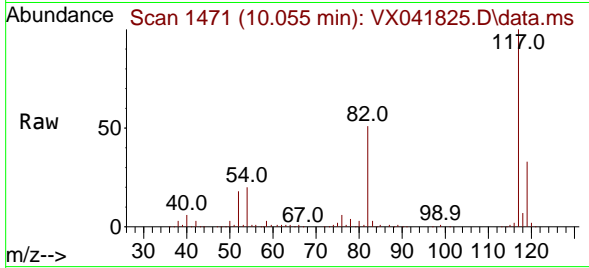


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10

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Tgt Ion:117 Resp: 217742

Ion	Ratio	Lower	Upper
117	100		
82	50.5	46.2	69.4
119	32.8	25.5	38.3



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 1793  
 Delta R.T. -0.006 min  
 Lab File: VX041825.D  
 Acq: 11 Jun 2024 13:10

Tgt Ion:152 Resp: 105813

Ion	Ratio	Lower	Upper
152	100		
115	54.2	43.3	129.9
150	155.7	0.0	345.0

