

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046401.D
 Acq On : 29 May 2025 15:57
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 30 01:31:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

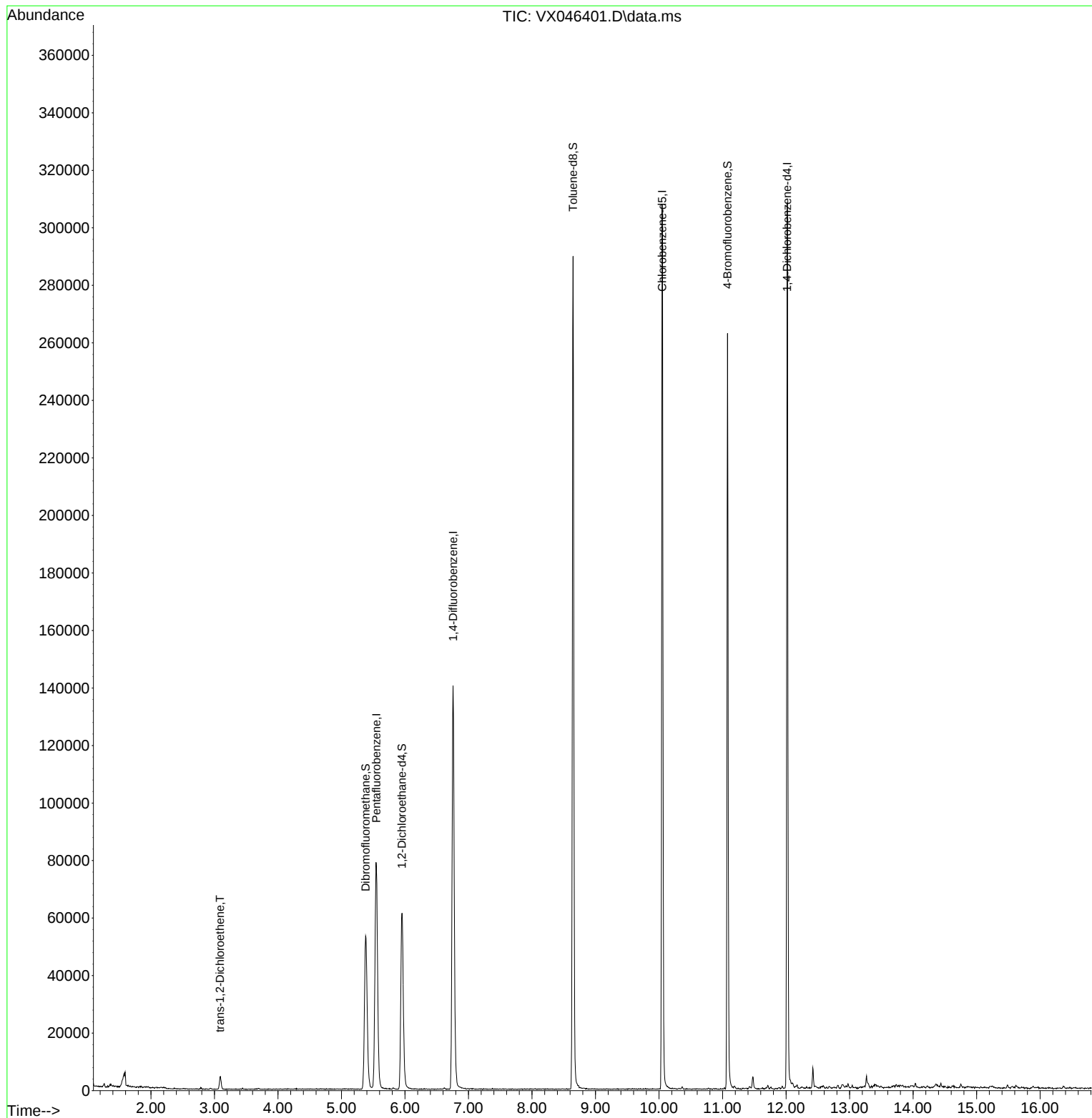
Internal Standards						
1) Pentafluorobenzene	5.550	168	66575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65463	52.743	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.480%
35) Dibromofluoromethane	5.379	113	46844	48.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	8.647	98	166728	50.105	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.079	95	66237	51.893	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.780%
Target Compounds						
21) trans-1,2-Dichloroethene	3.087	96	1794	2.260	ug/l	Qvalue 88

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

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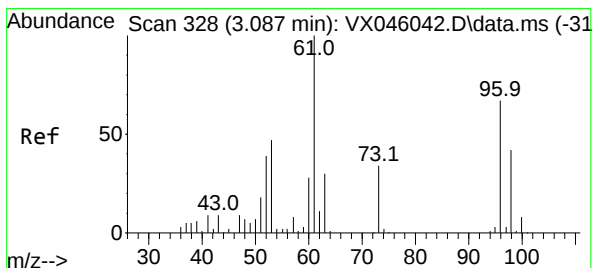
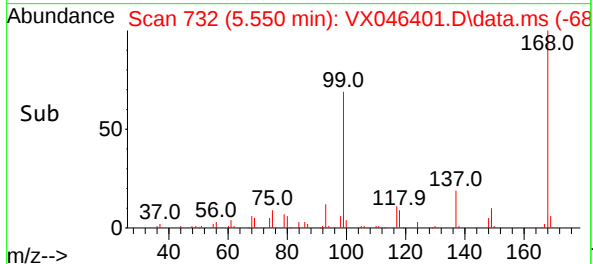
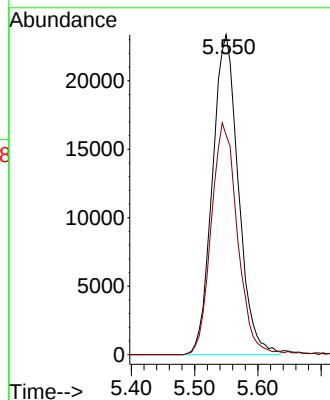
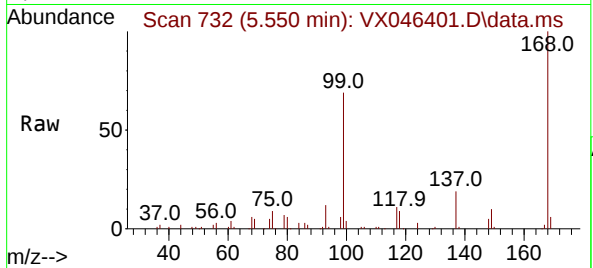




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046401.D
Acq: 29 May 2025 15:57

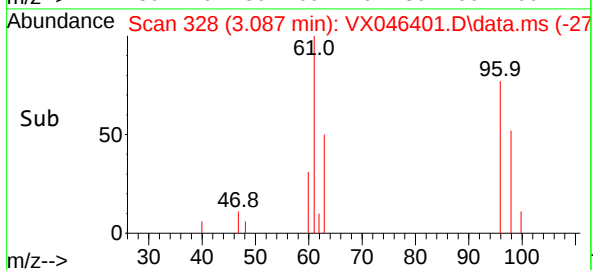
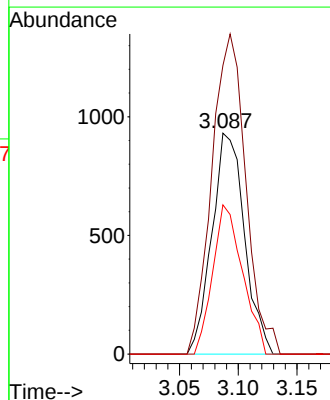
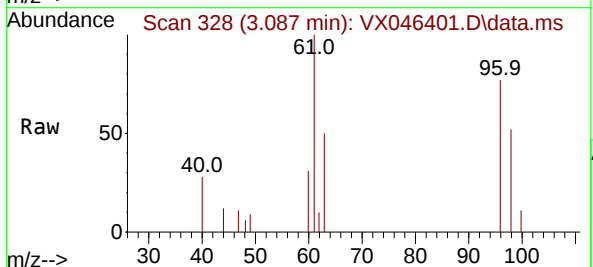
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 66575
Ion Ratio Lower Upper
168 100
99 68.6 54.9 82.3



#21
trans-1,2-Dichloroethene
Concen: 2.260 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX046401.D
Acq: 29 May 2025 15:57

Tgt Ion: 96 Resp: 1794
Ion Ratio Lower Upper
96 100
61 130.6 119.5 179.3
98 67.6 50.0 75.0

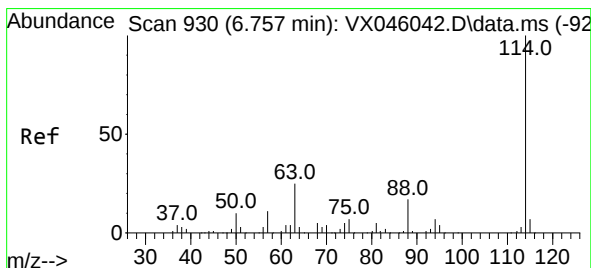
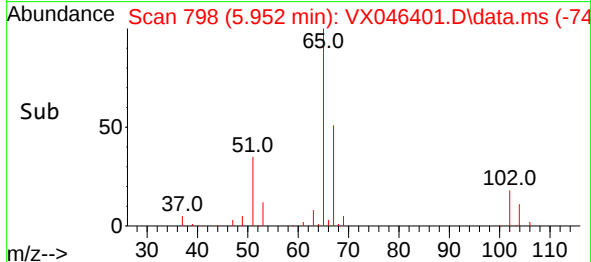
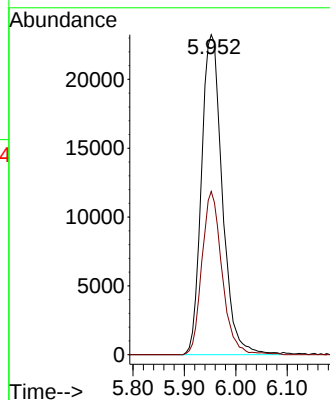
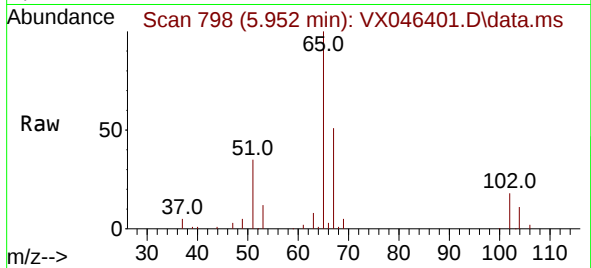




#33
 1,2-Dichloroethane-d4
 Concen: 52.743 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046401.D
 Acq: 29 May 2025 15:57

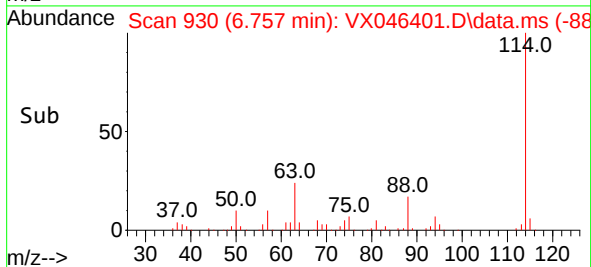
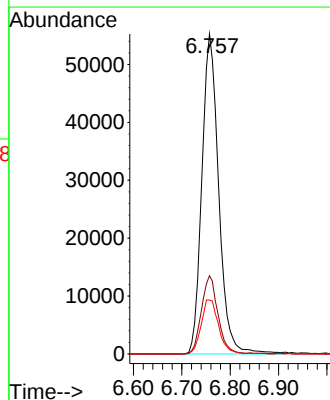
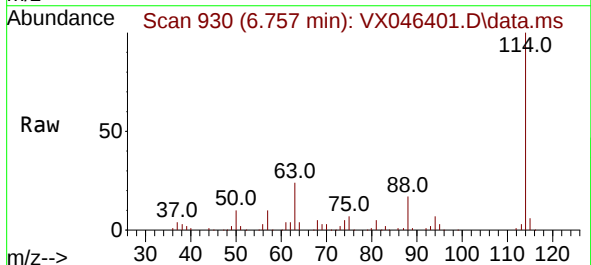
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

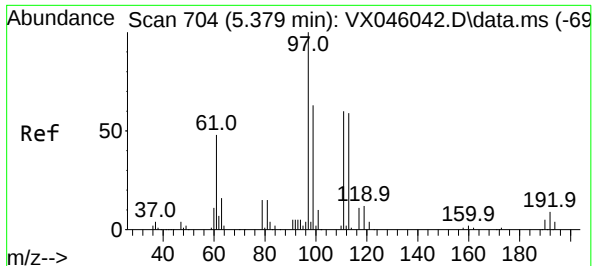
Tgt Ion: 65 Resp: 65463
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046401.D
 Acq: 29 May 2025 15:57

Tgt Ion: 114 Resp: 133510
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.724 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046401.D

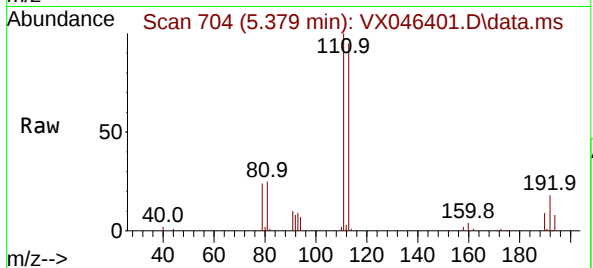
Acq: 29 May 2025 15:57

Instrument :

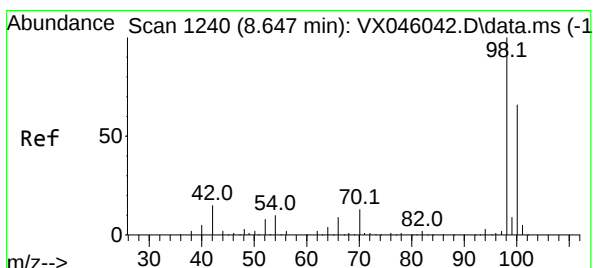
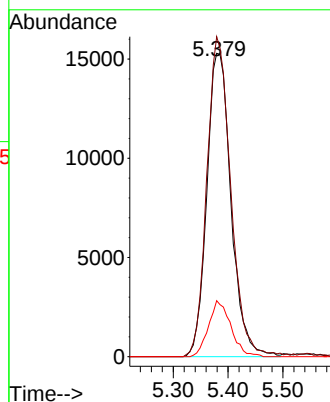
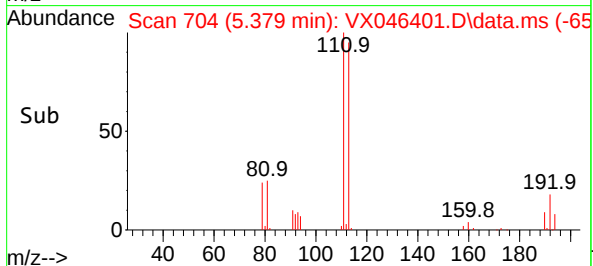
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	113	Resp:	46844
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.1	124.7
192	17.1	13.3	19.9



#50

Toluene-d8

Concen: 50.105 ug/l

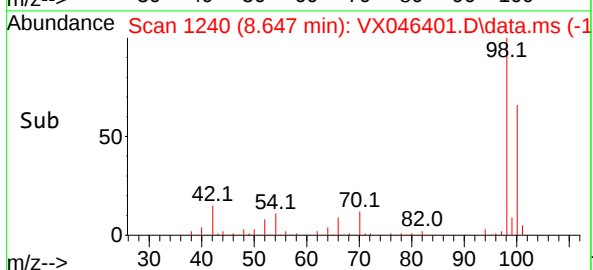
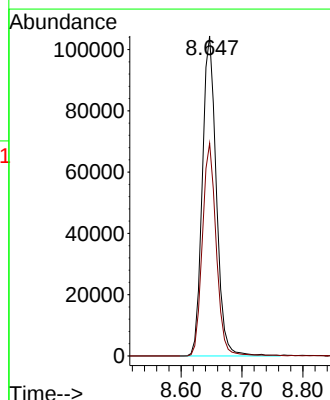
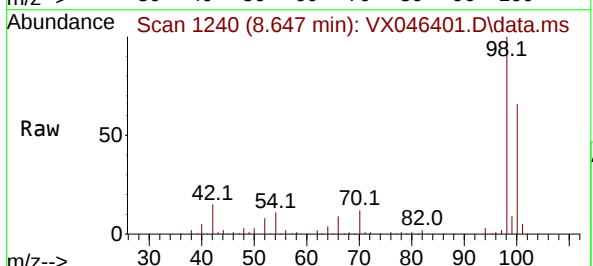
RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046401.D

Acq: 29 May 2025 15:57

Tgt Ion:	98	Resp:	166728
Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3

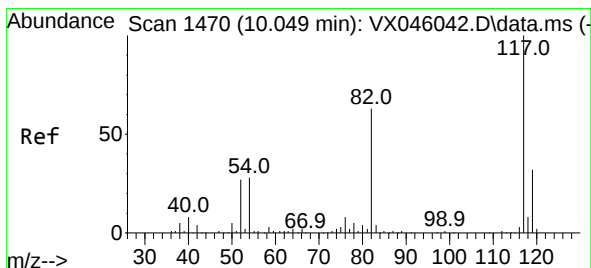
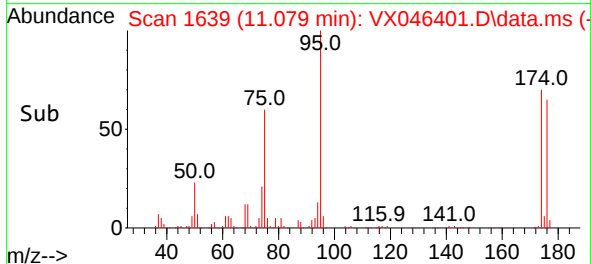
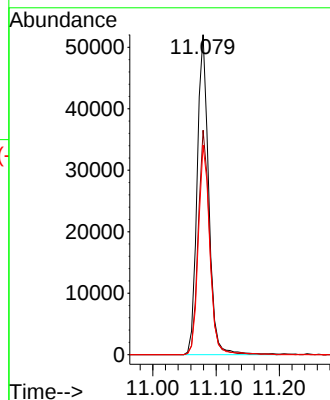
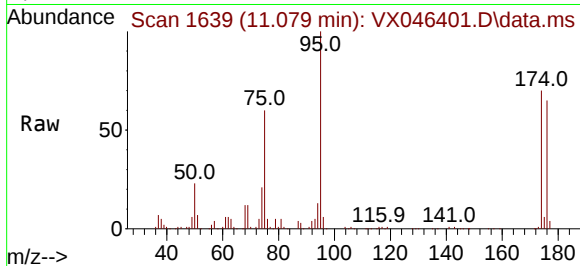




#62
4-Bromofluorobenzene
Concen: 51.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046401.D
Acq: 29 May 2025 15:57

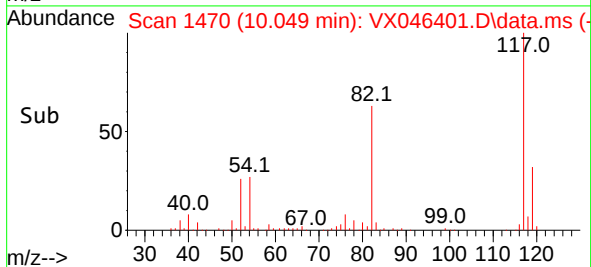
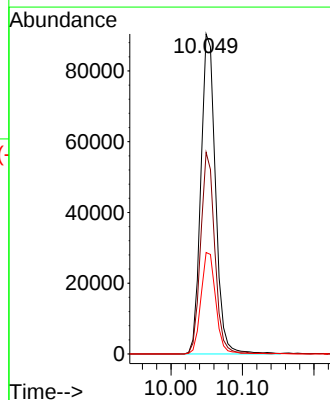
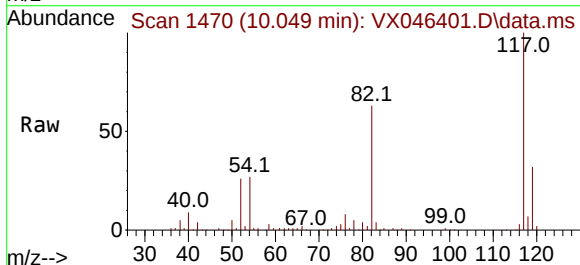
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IBLK

Tgt Ion: 95 Resp: 66237
Ion Ratio Lower Upper
95 100
174 69.4 0.0 135.8
176 65.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046401.D
Acq: 29 May 2025 15:57

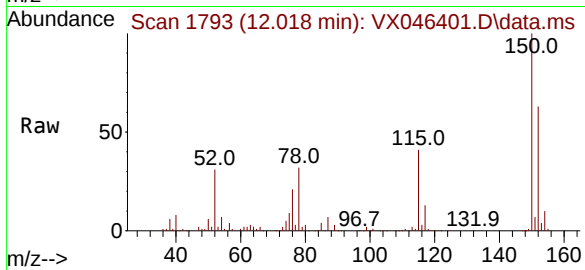
Tgt Ion: 117 Resp: 128473
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 31.7 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046401.D
 Acq: 29 May 2025 15:57

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 56641
 Ion Ratio Lower Upper
 152 100
 115 66.3 46.9 140.7
 150 156.7 0.0 351.0

