

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052225\
 Data File : VX046321.D
 Acq On : 22 May 2025 12:00
 Operator : JC/MD
 Sample : Q2097-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR251675

Quant Time: May 23 01:44:30 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)

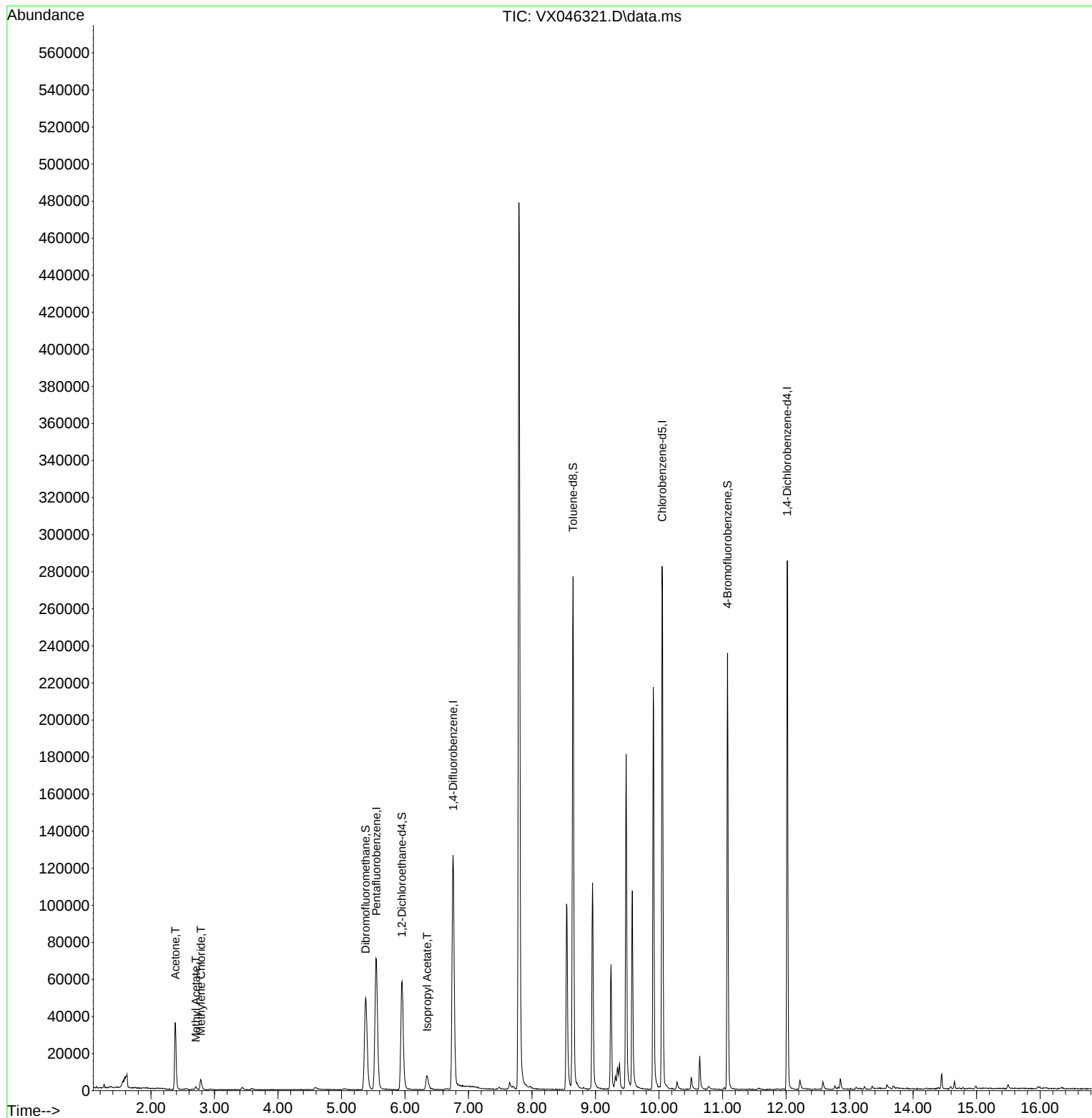
Internal Standards						
1) Pentafluorobenzene	5.550	168	60073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61484	54.899	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.800%		
35) Dibromofluoromethane	5.379	113	44507	50.948	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.900%		
50) Toluene-d8	8.647	98	154181	50.993	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.980%		
62) 4-Bromofluorobenzene	11.079	95	61310	52.863	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.720%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	41090	91.505	ug/l	100
18) Methyl Acetate	2.709	43	2397	2.300	ug/l	92
20) Methylene Chloride	2.788	84	2727	3.169	ug/l #	85
43) Isopropyl Acetate	6.348	43	12281	5.551	ug/l	97

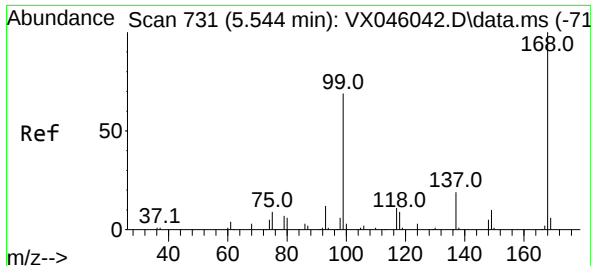
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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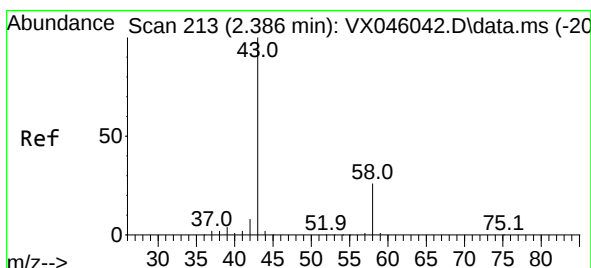
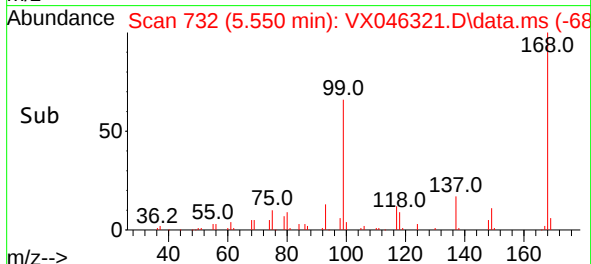
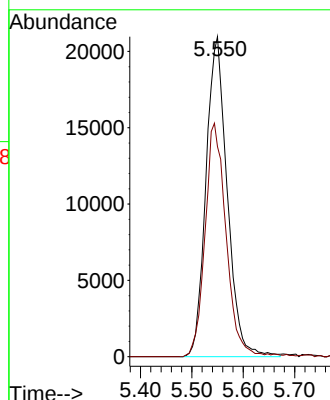
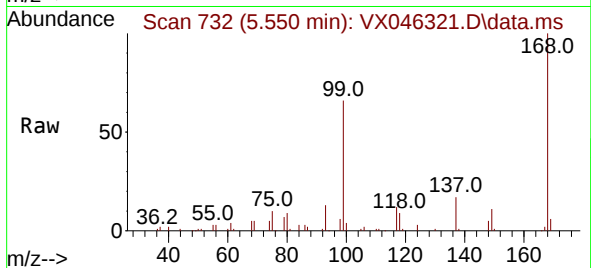




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

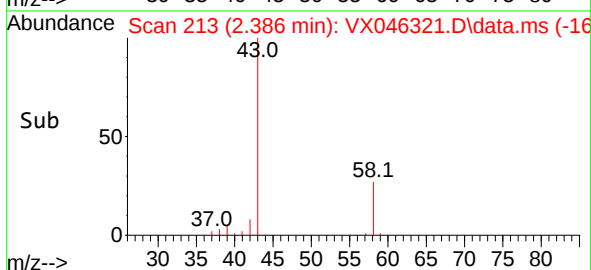
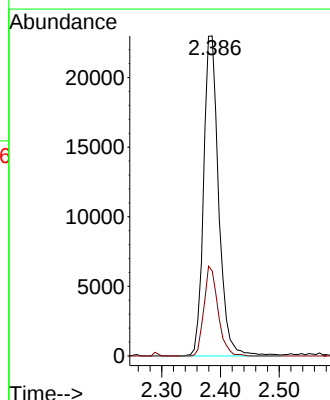
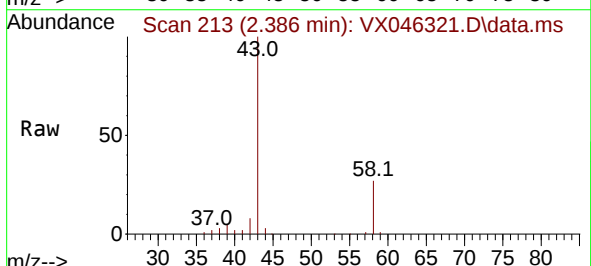
Instrument :
MSVOA_X
ClientSampleId :
RBR251675

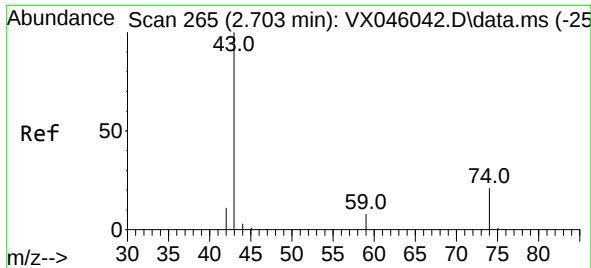
Tgt Ion:168 Resp: 60073
Ion Ratio Lower Upper
168 100
99 65.6 54.9 82.3



#16
Acetone
Concen: 91.505 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

Tgt Ion: 43 Resp: 41090
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8

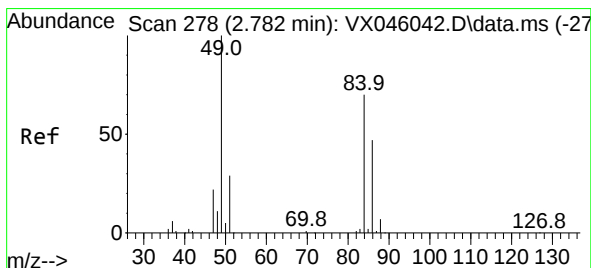
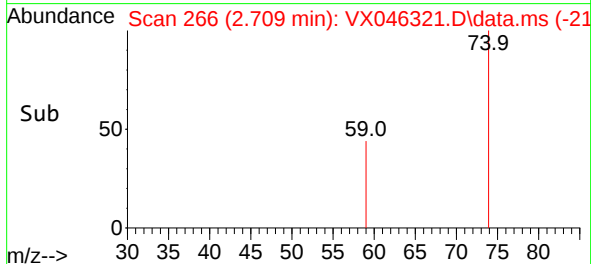
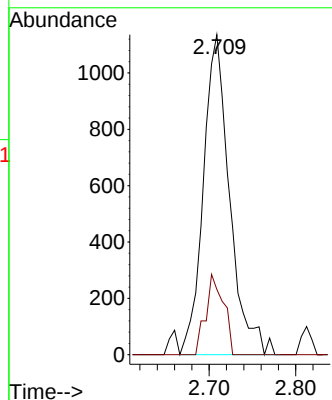
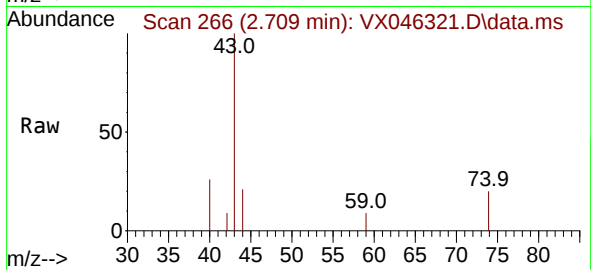




#18
Methyl Acetate
Concen: 2.300 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

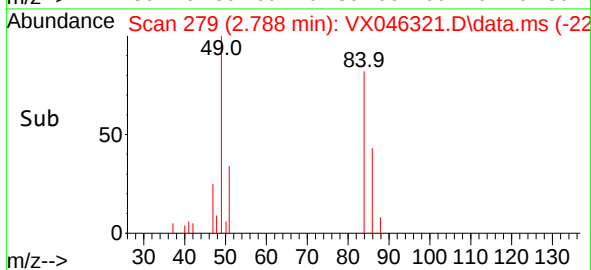
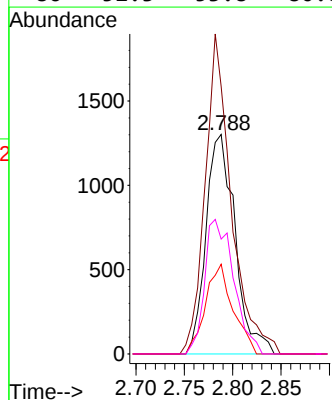
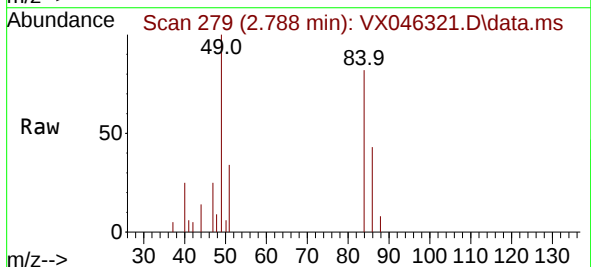
Instrument :
MSVOA_X
ClientSampleId :
RBR251675

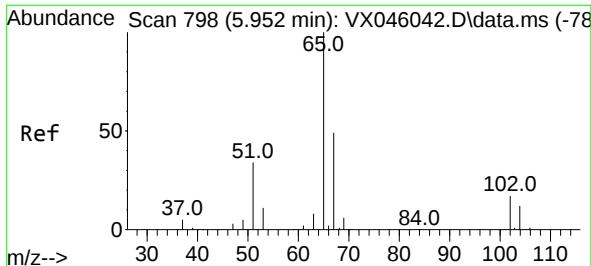
Tgt Ion: 43 Resp: 2397
Ion Ratio Lower Upper
43 100
74 17.0 16.7 25.1



#20
Methylene Chloride
Concen: 3.169 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

Tgt Ion: 84 Resp: 2727
Ion Ratio Lower Upper
84 100
49 121.9 113.9 170.9
51 40.9 33.5 50.3
86 52.3 53.8 80.8#





#33

1,2-Dichloroethane-d4

Concen: 54.899 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046321.D

Acq: 22 May 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

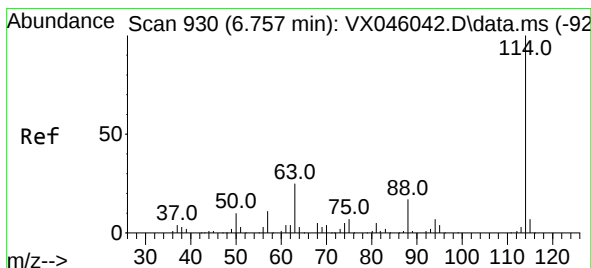
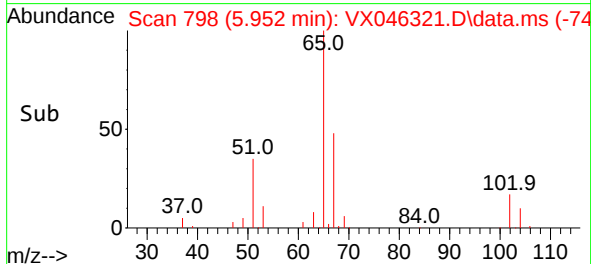
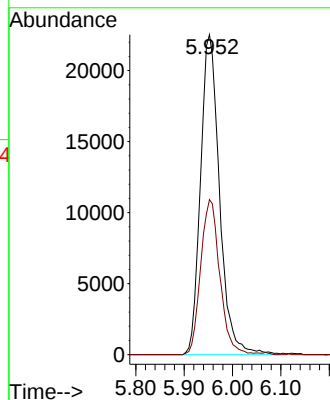
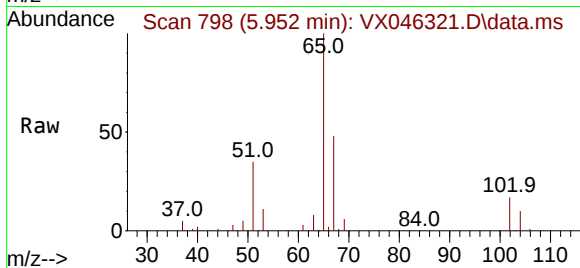
RBR251675

Tgt Ion: 65 Resp: 61484

Ion Ratio Lower Upper

65 100

67 48.8 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: VX046321.D

Acq: 22 May 2025 12:00

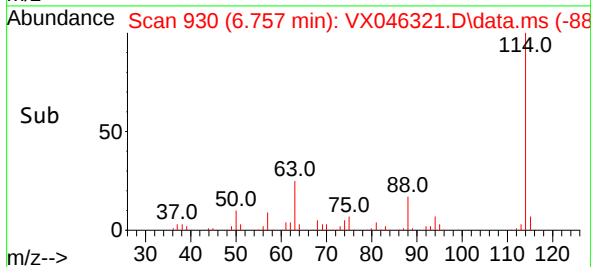
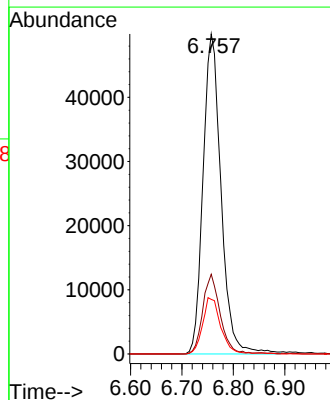
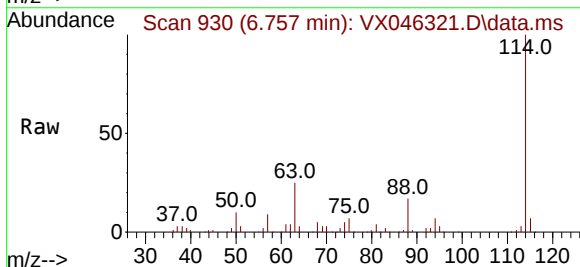
Tgt Ion: 114 Resp: 121312

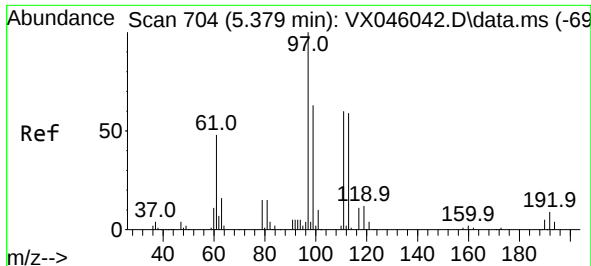
Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

88 17.0 0.0 33.6

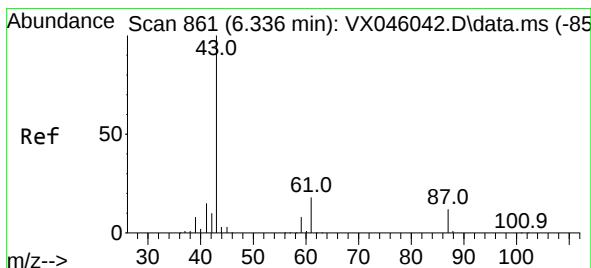
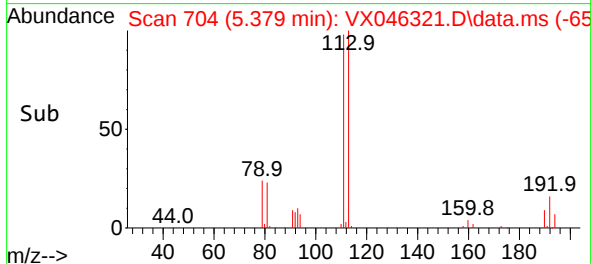
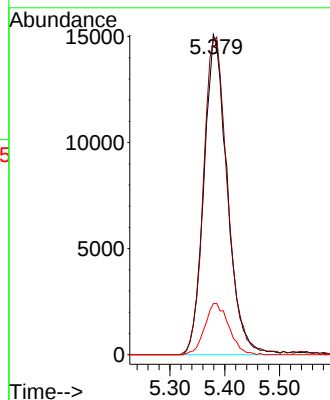
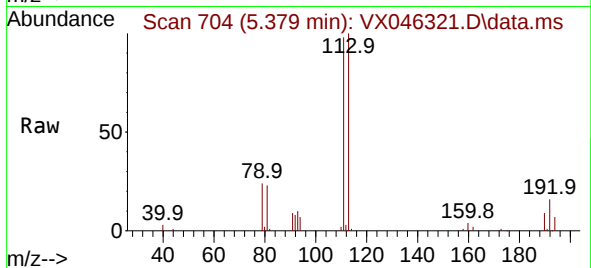




#35
 Dibromofluoromethane
 Concen: 50.948 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX046321.D
 Acq: 22 May 2025 12:00

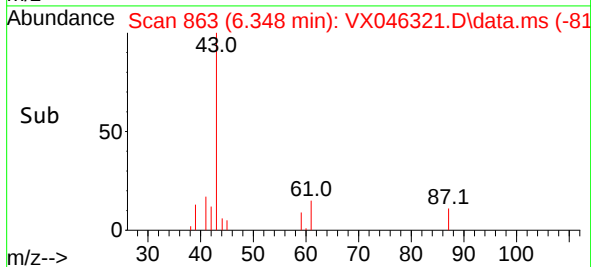
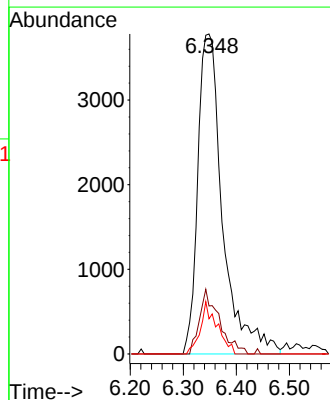
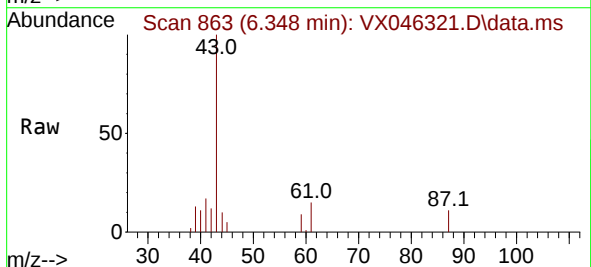
Instrument :
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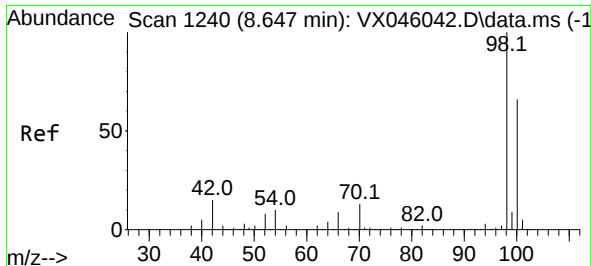
Tgt Ion:113 Resp: 44507
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.1 124.7
 192 16.6 13.3 19.9



#43
 Isopropyl Acetate
 Concen: 5.551 ug/l
 RT: 6.348 min Scan# 863
 Delta R.T. 0.012 min
 Lab File: VX046321.D
 Acq: 22 May 2025 12:00

Tgt Ion: 43 Resp: 12281
 Ion Ratio Lower Upper
 43 100
 61 16.1 14.3 21.5
 87 11.0 9.5 14.3

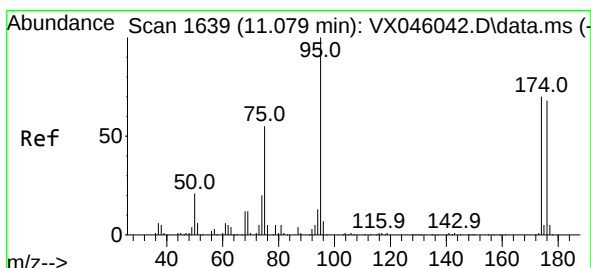
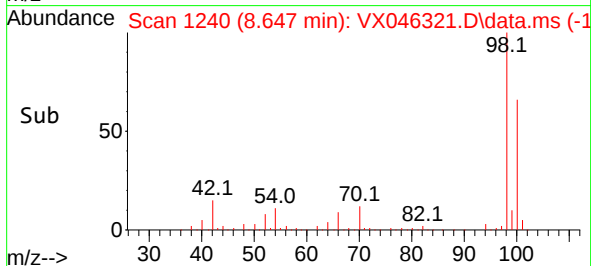
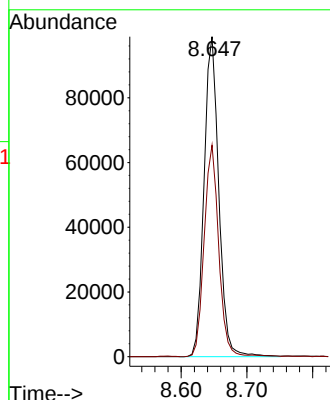
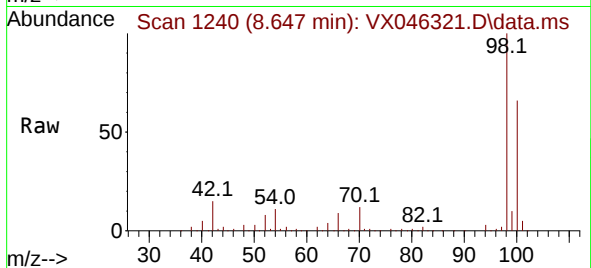




#50
Toluene-d8
Concen: 50.993 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

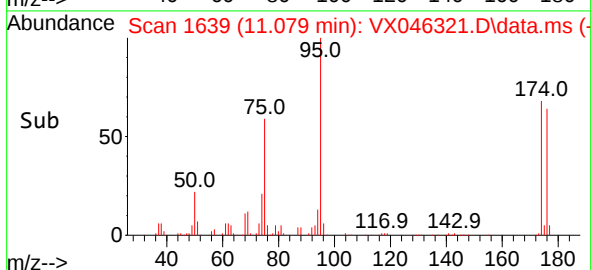
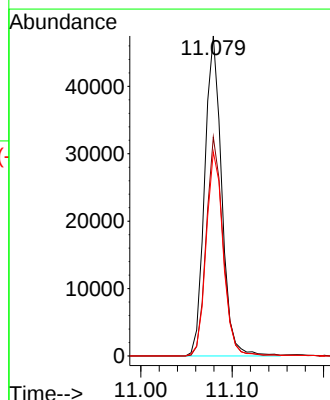
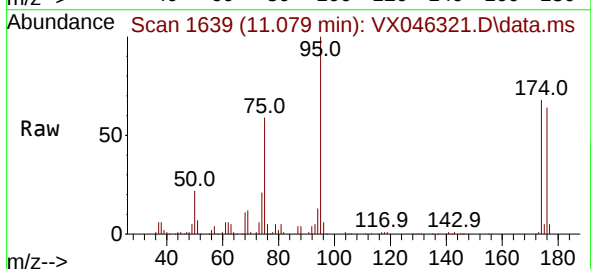
Instrument :
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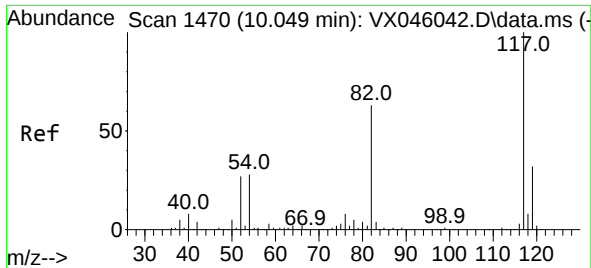
Tgt Ion: 98 Resp: 154181
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.863 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

Tgt Ion: 95 Resp: 61310
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.1 0.0 131.4

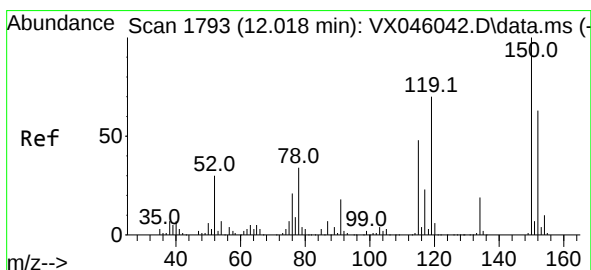
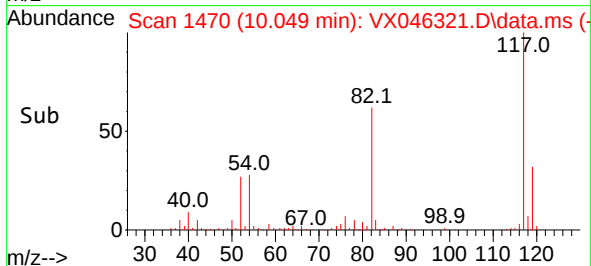
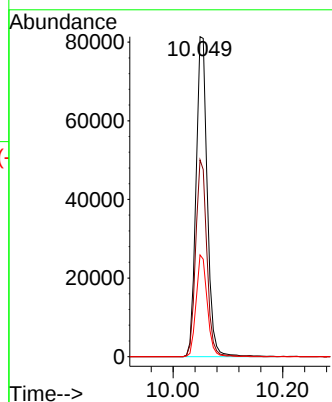
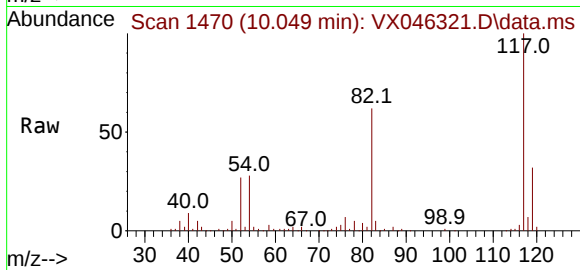




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

Instrument :
MSVOA_X
ClientSampleId :
RBR251675

Tgt Ion:117 Resp: 116684
Ion Ratio Lower Upper
117 100
82 61.5 50.6 76.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046321.D
Acq: 22 May 2025 12:00

Tgt Ion:152 Resp: 52293
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 155.9 0.0 351.0

