

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046222.D
 Acq On : 15 May 2025 18:28
 Operator : JC/MD
 Sample : Q2034-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 L3-WC-2

Quant Time: May 16 01:09:56 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)

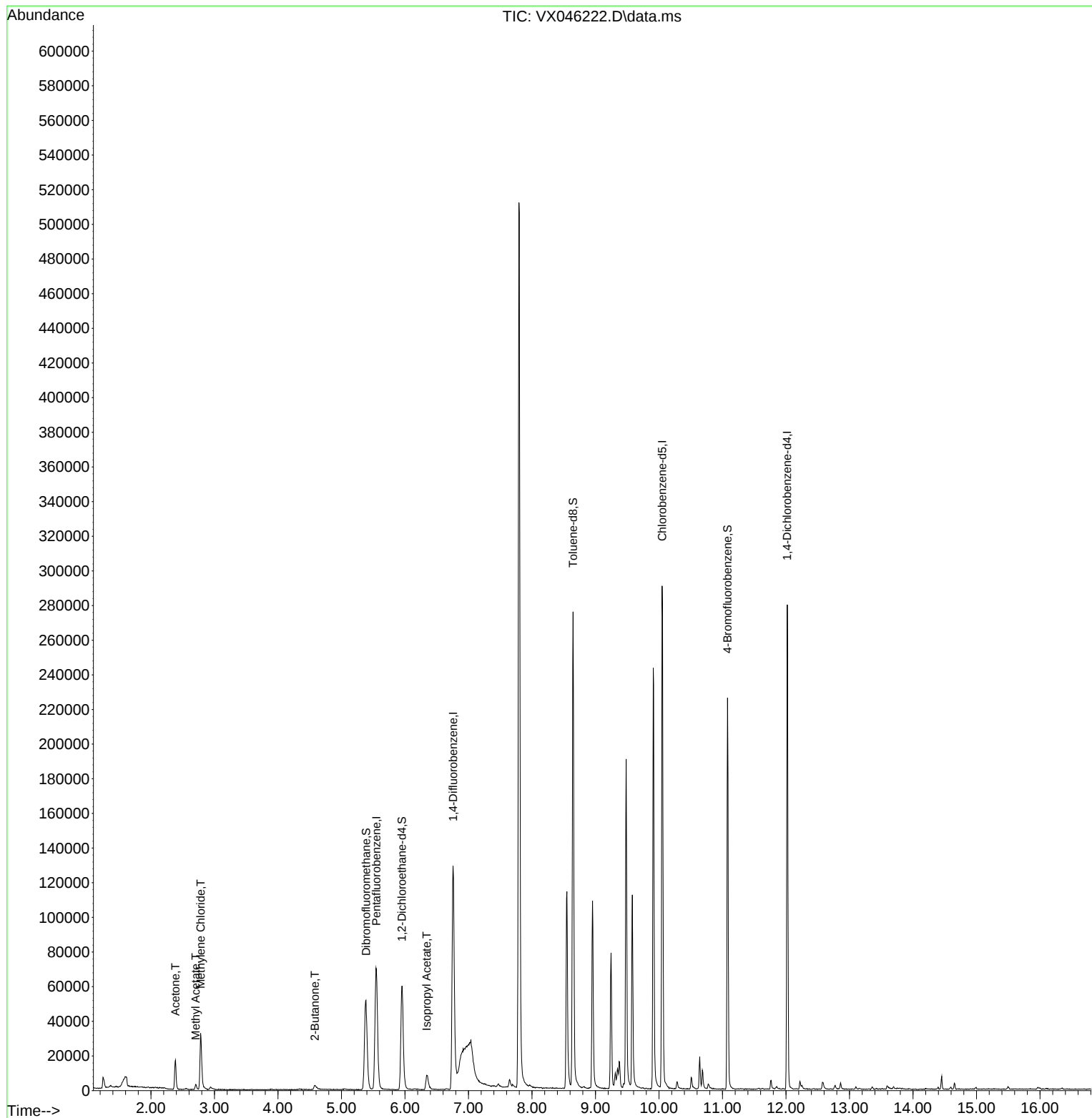
Internal Standards						
1) Pentafluorobenzene	5.550	168	60465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62288	55.256	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.520%	
35) Dibromofluoromethane	5.385	113	45098	51.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.640%	
50) Toluene-d8	8.647	98	155895	51.752	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.500%	
62) 4-Bromofluorobenzene	11.079	95	60094	52.007	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	18225	40.323	ug/l	98
18) Methyl Acetate	2.703	43	3957	3.773	ug/l	95
20) Methylene Chloride	2.782	84	14929	17.236	ug/l	98
25) 2-Butanone	4.581	43	5693	8.676	ug/l	93
43) Isopropyl Acetate	6.342	43	13011	5.903	ug/l	99

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

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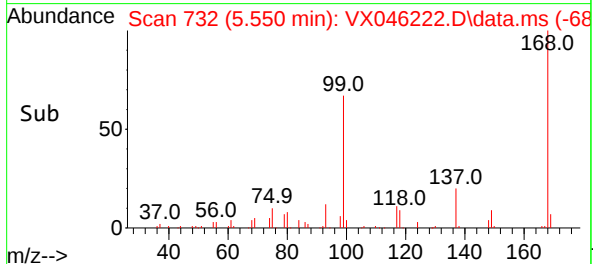
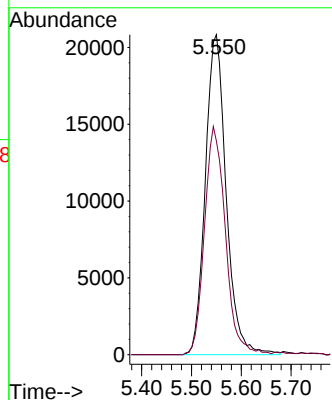
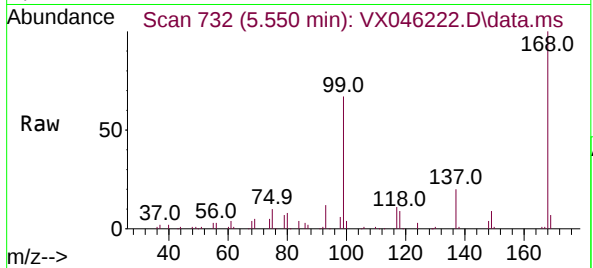




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

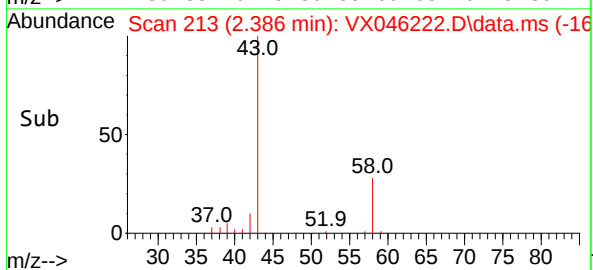
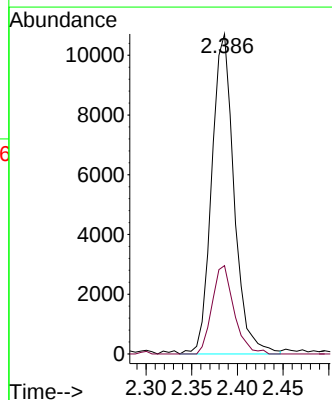
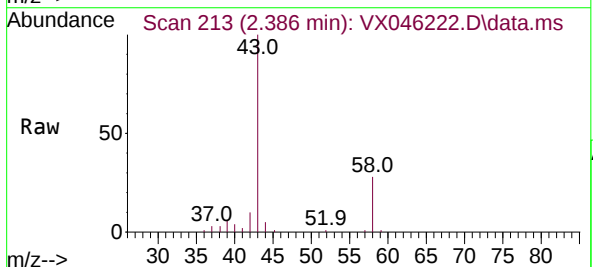
Instrument :
MSVOA_X
ClientSampleId :
L3-WC-2

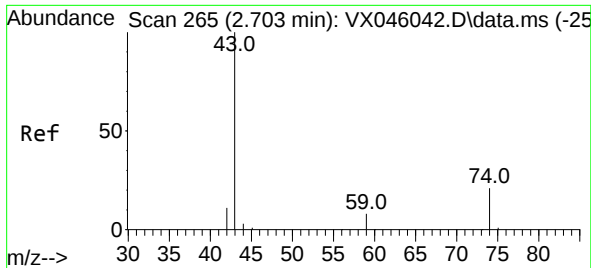
Tgt Ion:168 Resp: 60465
Ion Ratio Lower Upper
168 100
99 66.8 54.9 82.3



#16
Acetone
Concen: 40.323 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

Tgt Ion: 43 Resp: 18225
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8

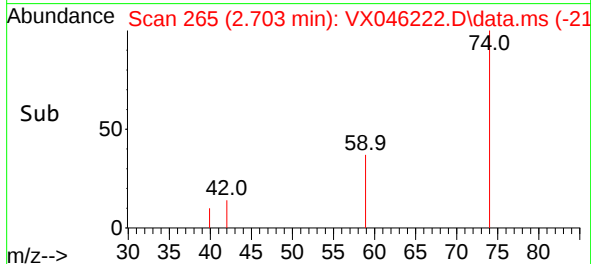
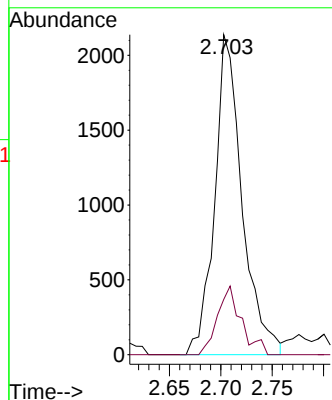
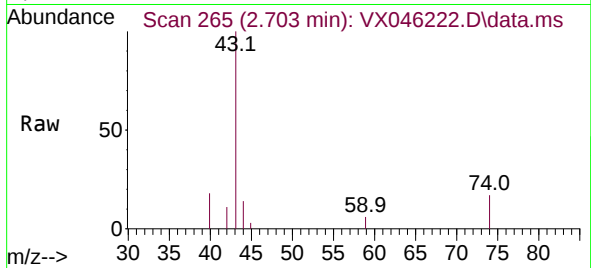




#18
Methyl Acetate
Concen: 3.773 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

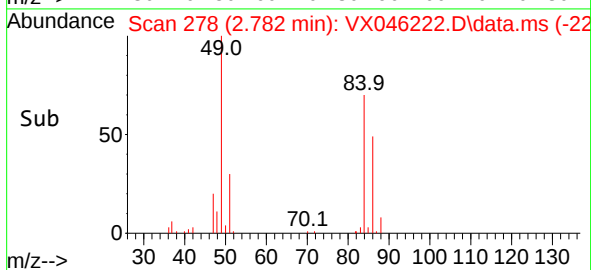
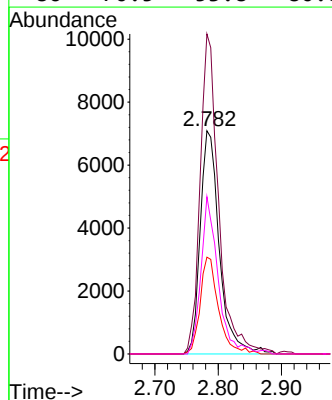
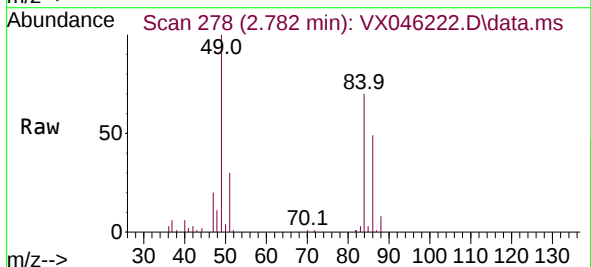
Instrument :
MSVOA_X
ClientSampleId :
L3-WC-2

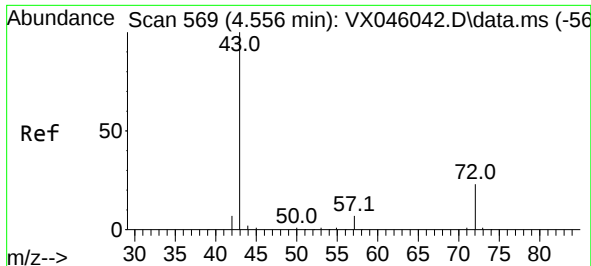
Tgt Ion: 43 Resp: 3957
Ion Ratio Lower Upper
43 100
74 18.7 16.7 25.1



#20
Methylene Chloride
Concen: 17.236 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

Tgt Ion: 84 Resp: 14929
Ion Ratio Lower Upper
84 100
49 143.4 113.9 170.9
51 43.4 33.5 50.3
86 70.5 53.8 80.8





#25

2-Butanone

Concen: 8.676 ug/l

RT: 4.581 min Scan# 5

Delta R.T. 0.024 min

Lab File: VX046222.D

Acq: 15 May 2025 18:28

Instrument :

MSVOA_X

ClientSampleId :

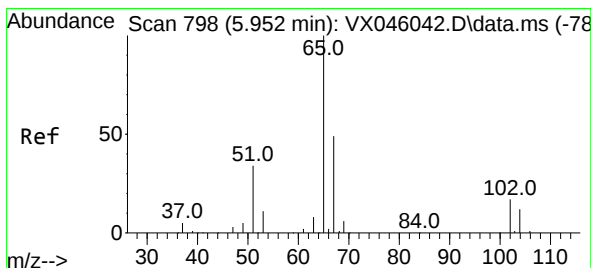
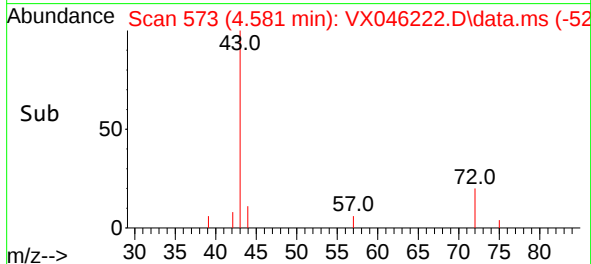
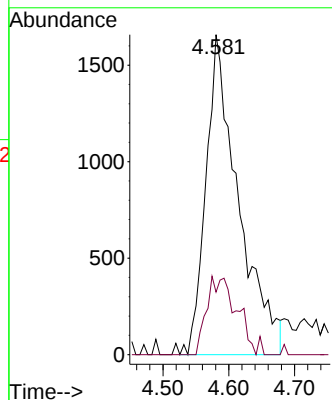
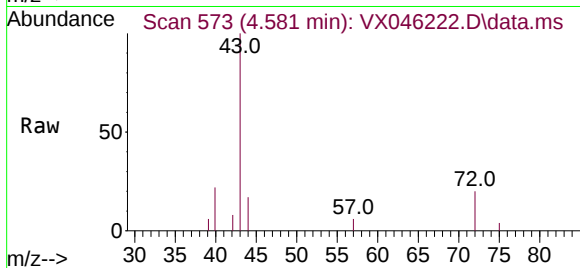
L3-WC-2

Tgt Ion: 43 Resp: 5693

Ion Ratio Lower Upper

43 100

72 19.5 18.4 27.6



#33

1,2-Dichloroethane-d4

Concen: 55.256 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046222.D

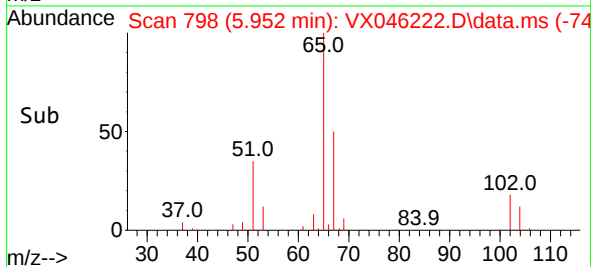
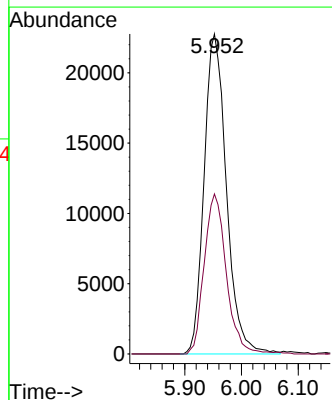
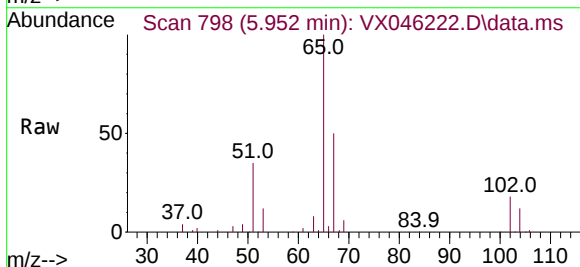
Acq: 15 May 2025 18:28

Tgt Ion: 65 Resp: 62288

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0

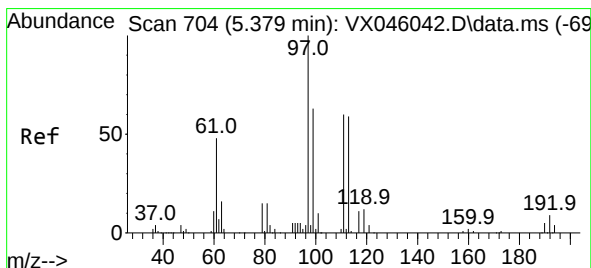
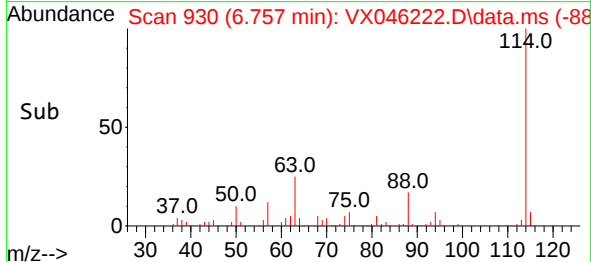
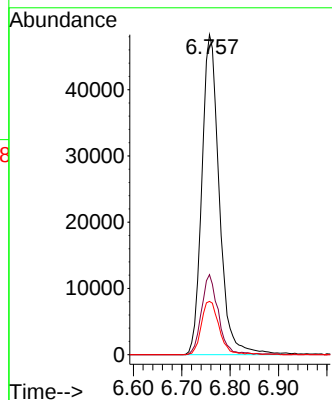
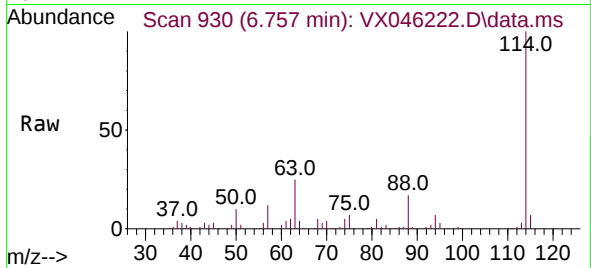




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

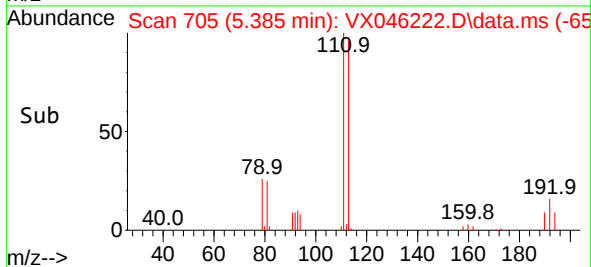
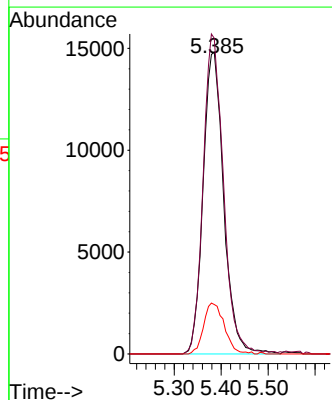
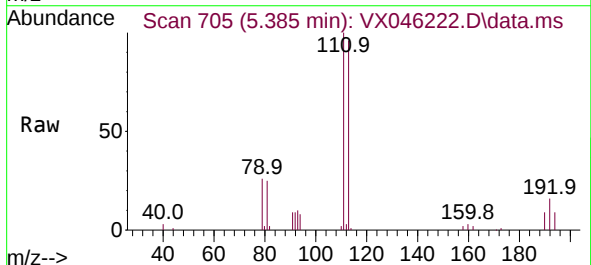
Instrument :
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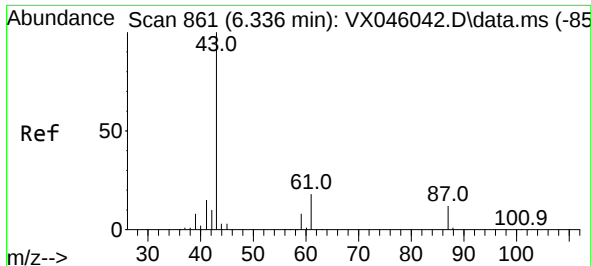
Tgt Ion:114 Resp: 120862
Ion Ratio Lower Upper
114 100
63 25.0 0.0 49.2
88 16.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.817 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

Tgt Ion:113 Resp: 45098
Ion Ratio Lower Upper
113 100
111 104.4 83.1 124.7
192 17.0 13.3 19.9

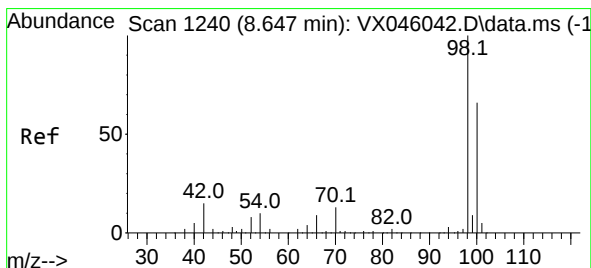
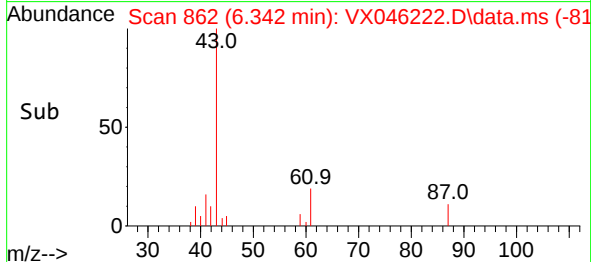
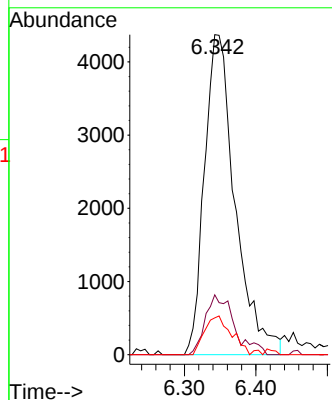
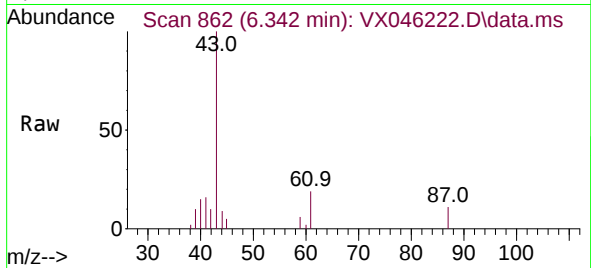




#43
Isopropyl Acetate
Concen: 5.903 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

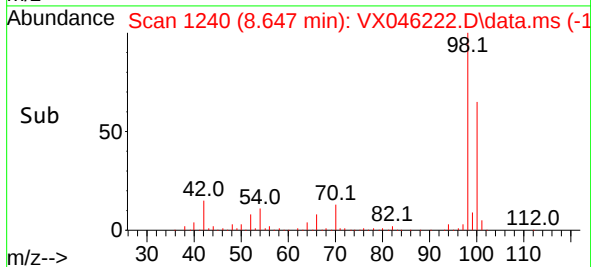
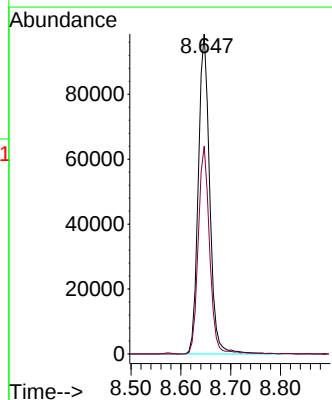
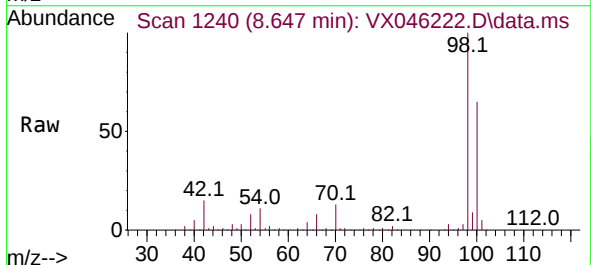
Instrument :
MSVOA_X
ClientSampleId :
L3-WC-2

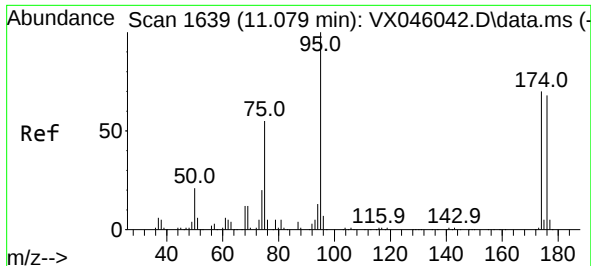
Tgt Ion: 43 Resp: 13011
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 10.7 9.5 14.3



#50
Toluene-d8
Concen: 51.752 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

Tgt Ion: 98 Resp: 155895
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3

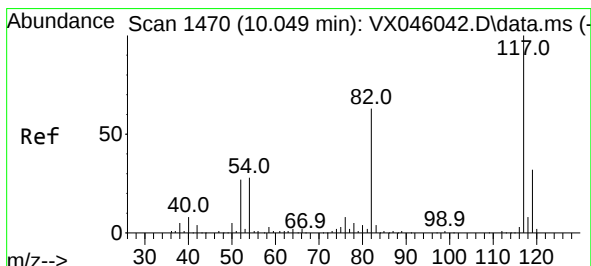
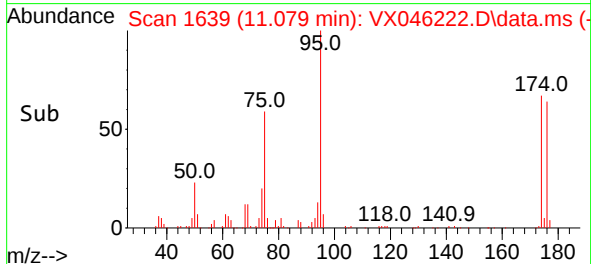
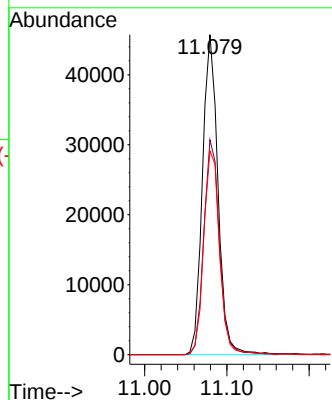
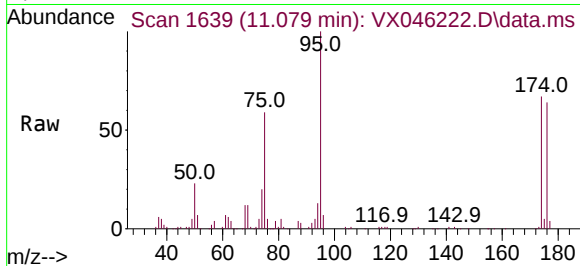




#62
4-Bromofluorobenzene
Concen: 52.007 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

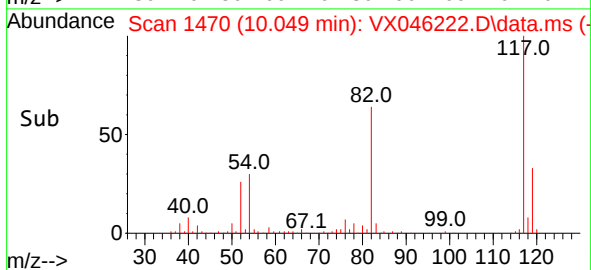
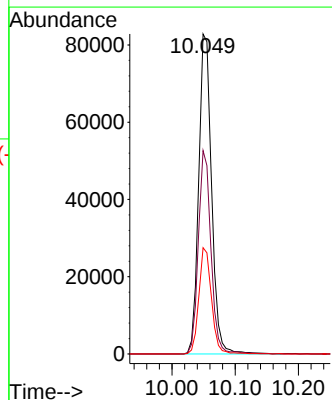
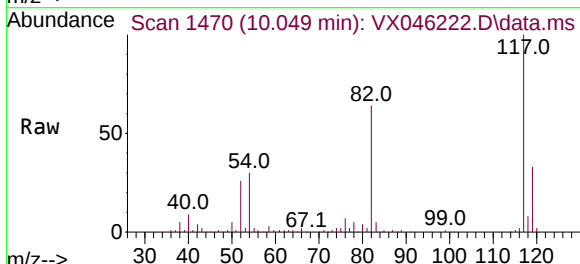
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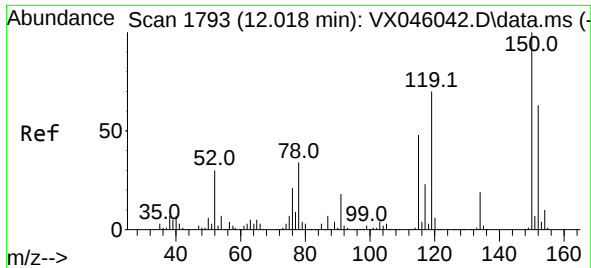
Tgt Ion: 95 Resp: 60094
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046222.D
Acq: 15 May 2025 18:28

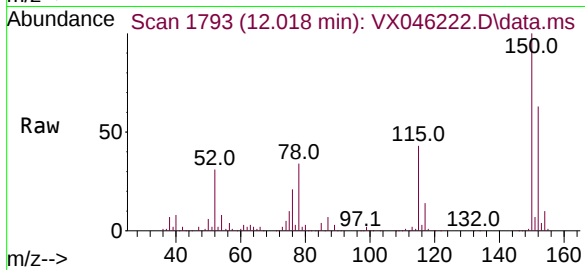
Tgt Ion: 117 Resp: 117783
Ion Ratio Lower Upper
117 100
82 63.5 50.6 76.0
119 33.2 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046222.D
 Acq: 15 May 2025 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 L3-WC-2



Tgt Ion:152 Resp: 51281
 Ion Ratio Lower Upper
 152 100
 115 66.8 46.9 140.7
 150 156.1 0.0 351.0

