

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX046000.D
 Acq On : 30 Apr 2025 16:03
 Operator : JC/MD
 Sample : Q1906-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-5

Quant Time: May 01 03:38:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

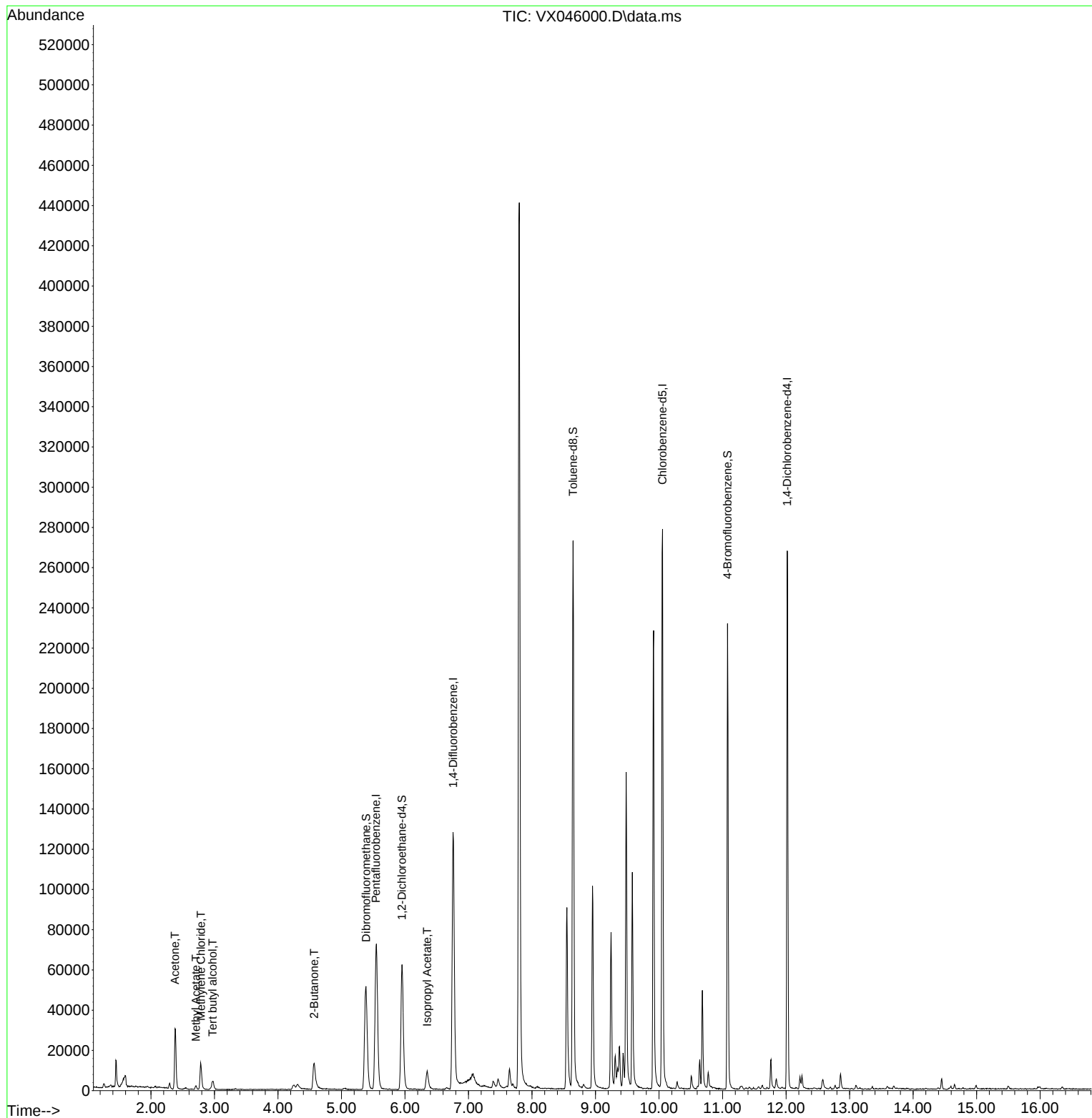
Internal Standards						
1) Pentafluorobenzene	5.543	168	61083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63302	56.669	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.340%			
35) Dibromofluoromethane	5.385	113	44980	51.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.646	98	154369	50.596	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.079	95	58022	52.210	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	4955	33.006	ug/l	98
16) Acetone	2.379	43	32947	71.828	ug/l	97
18) Methyl Acetate	2.708	43	2329	2.205	ug/l	93
20) Methylene Chloride	2.788	84	5639	6.567	ug/l	95
25) 2-Butanone	4.568	43	25340	37.740	ug/l	99
43) Isopropyl Acetate	6.348	43	13707	6.081	ug/l	98

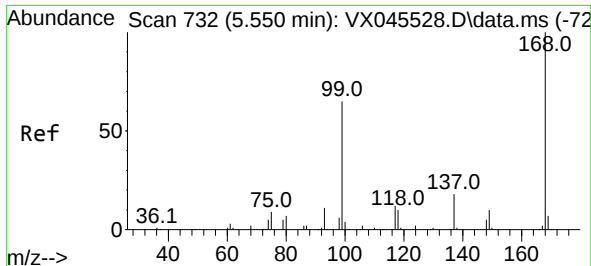
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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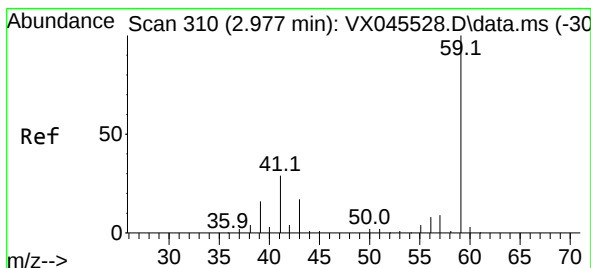
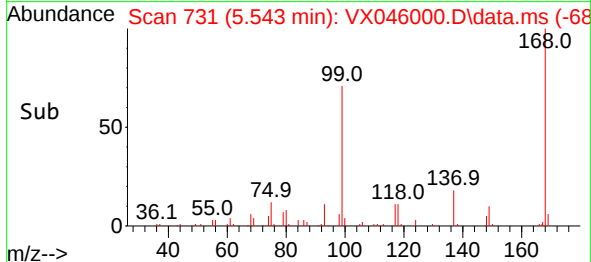
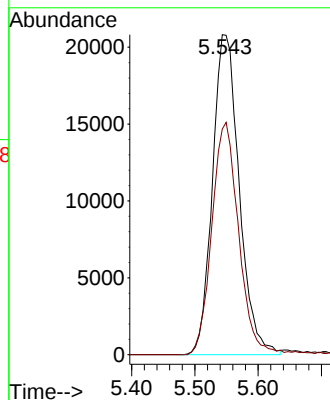
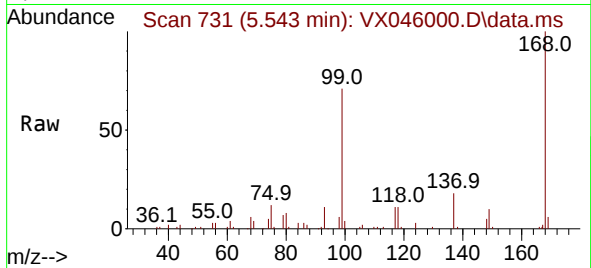




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

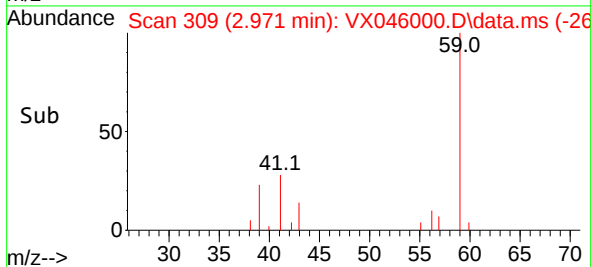
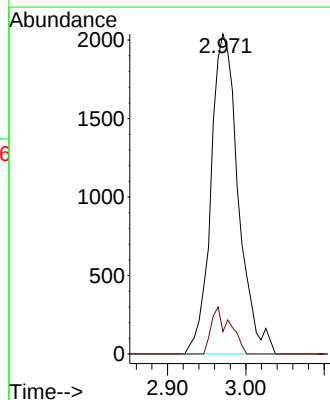
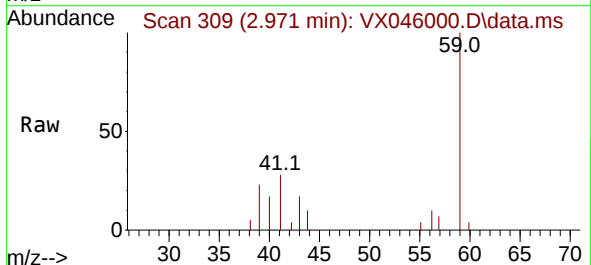
Instrument :
MSVOA_X
ClientSampleId :
WC-5

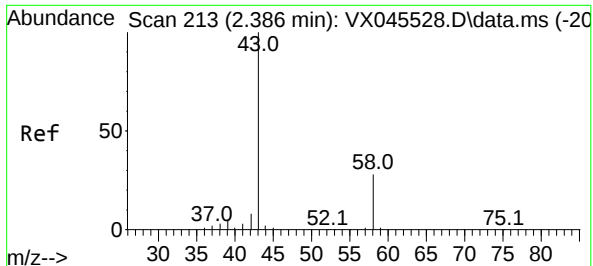
Tgt Ion:168 Resp: 61083
Ion Ratio Lower Upper
168 100
99 70.5 52.3 78.5



#11
Tert butyl alcohol
Concen: 33.006 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

Tgt Ion: 59 Resp: 4955
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

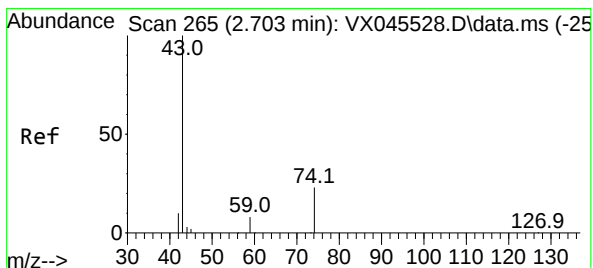
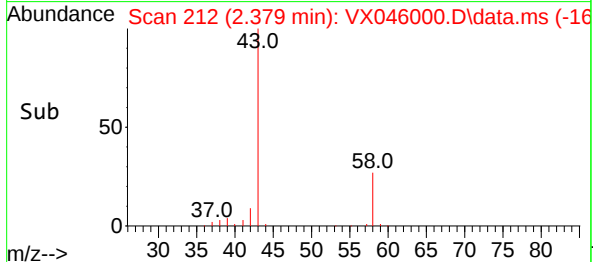
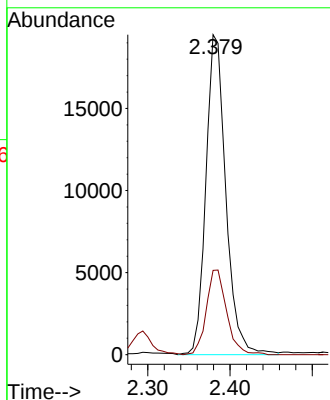
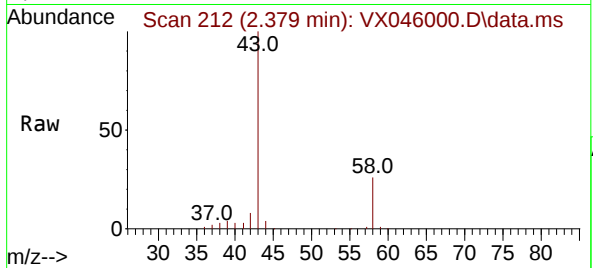




#16
Acetone
Concen: 71.828 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

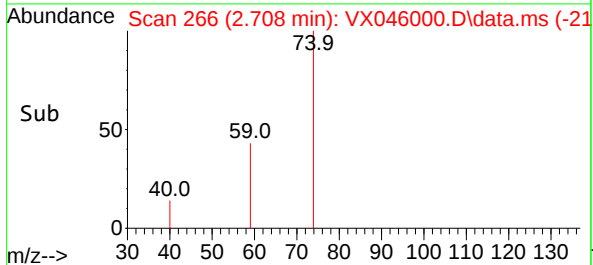
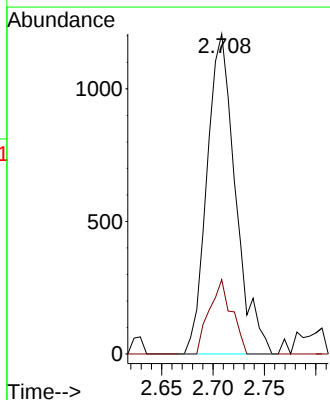
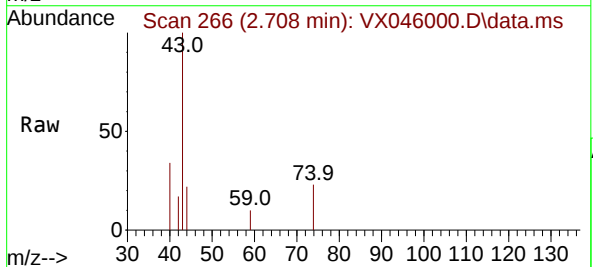
Instrument :
MSVOA_X
ClientSampleId :
WC-5

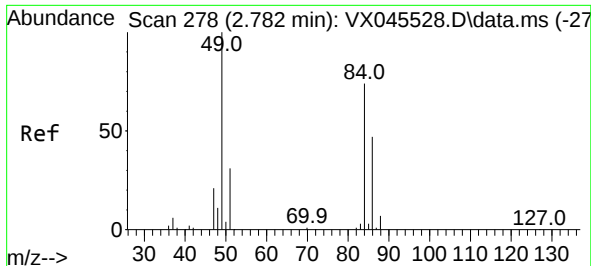
Tgt Ion: 43 Resp: 32947
Ion Ratio Lower Upper
43 100
58 26.3 22.3 33.5



#18
Methyl Acetate
Concen: 2.205 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

Tgt Ion: 43 Resp: 2329
Ion Ratio Lower Upper
43 100
74 18.3 17.5 26.3

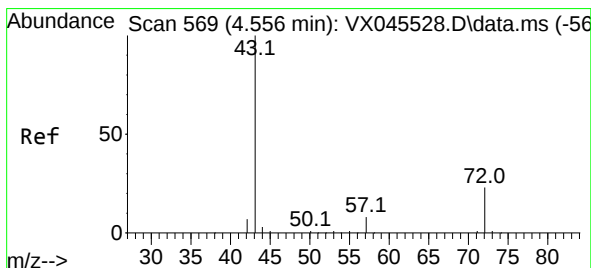
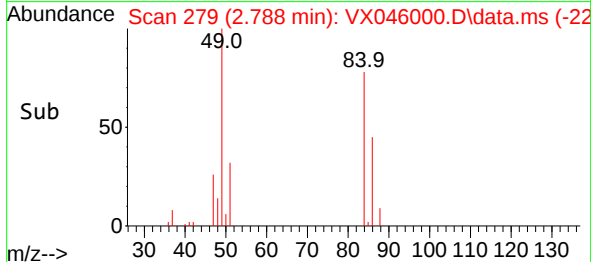
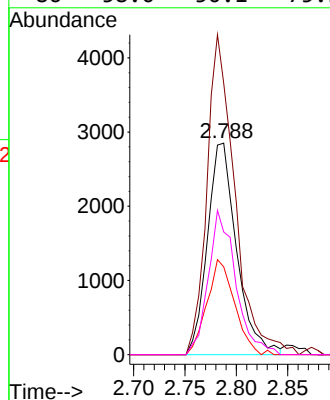
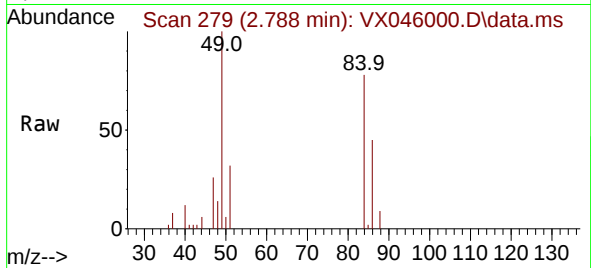




#20
Methylene Chloride
Concen: 6.567 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

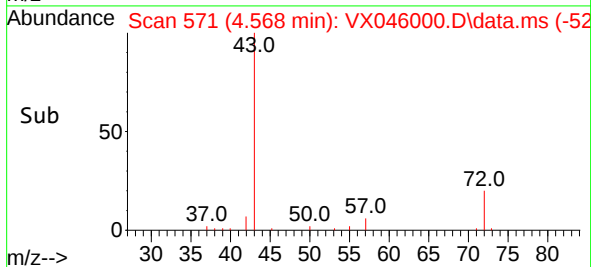
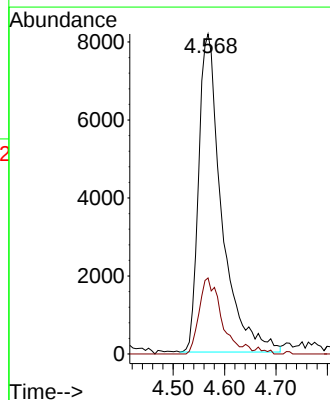
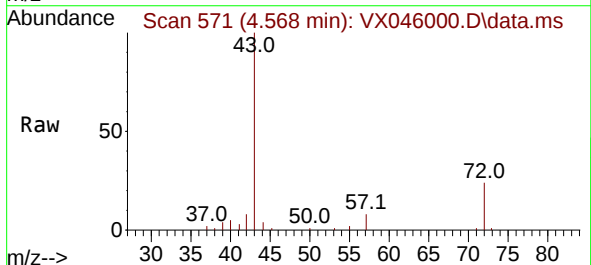
Instrument :
MSVOA_X
ClientSampleId :
WC-5

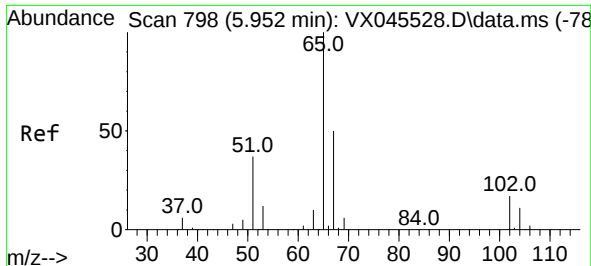
Tgt Ion:	84	Resp:	5639
Ion	Ratio	Lower	Upper
84	100		
49	128.3	107.5	161.3
51	41.6	33.0	49.6
86	58.0	50.1	75.1



#25
2-Butanone
Concen: 37.740 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

Tgt Ion:	43	Resp:	25340
Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 56.669 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046000.D

Acq: 30 Apr 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

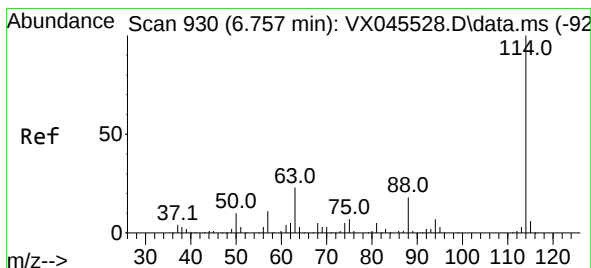
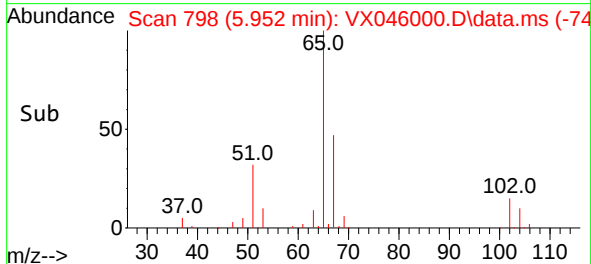
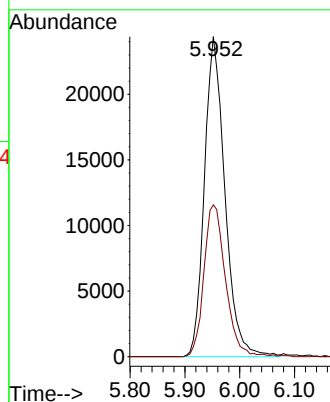
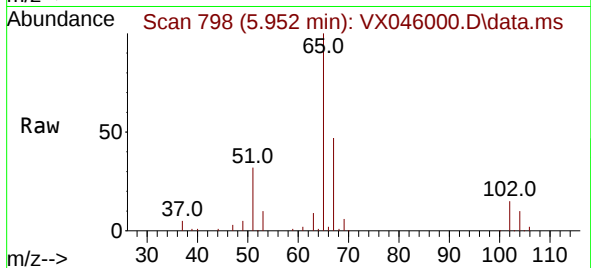
WC-5

Tgt Ion: 65 Resp: 63302

Ion Ratio Lower Upper

65 100

67 50.1 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: VX046000.D

Acq: 30 Apr 2025 16:03

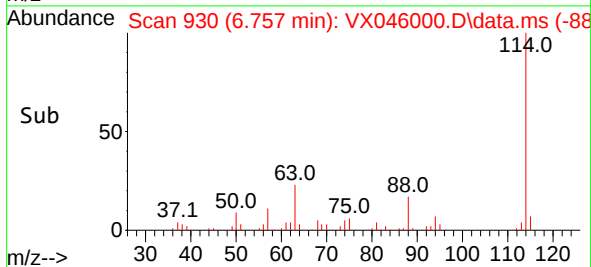
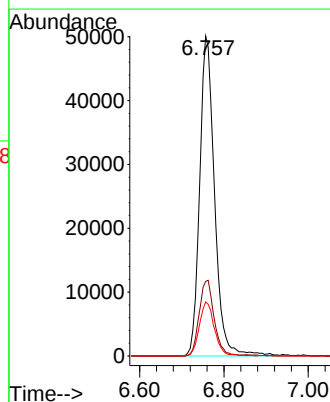
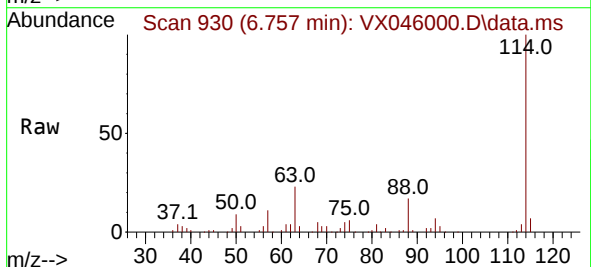
Tgt Ion: 114 Resp: 123201

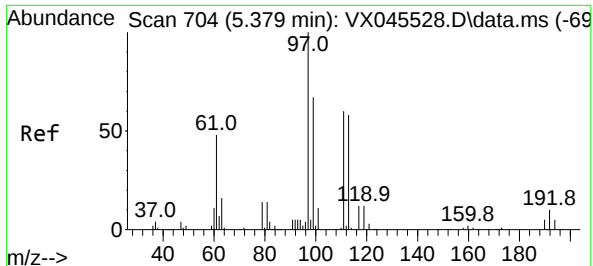
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.8

88 16.9 0.0 35.4

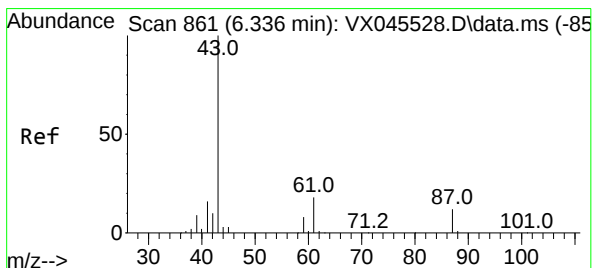
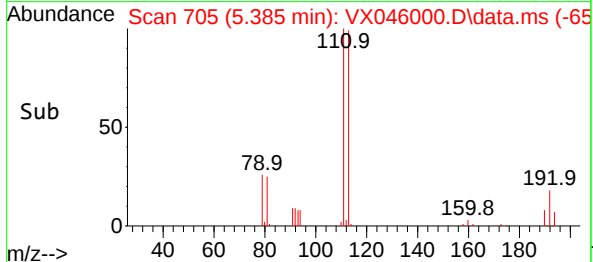
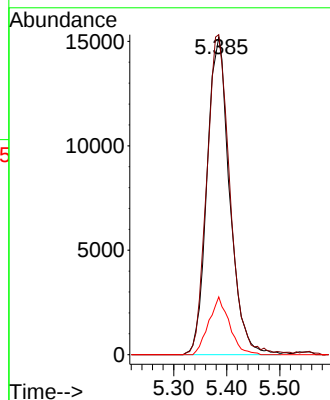
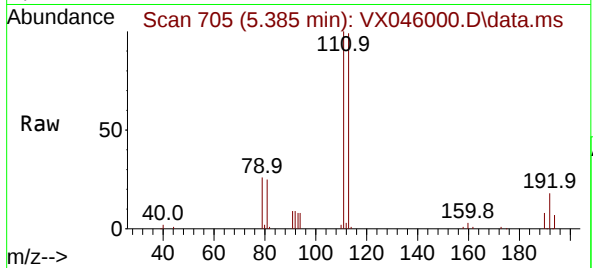




#35
Dibromofluoromethane
Concen: 51.458 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

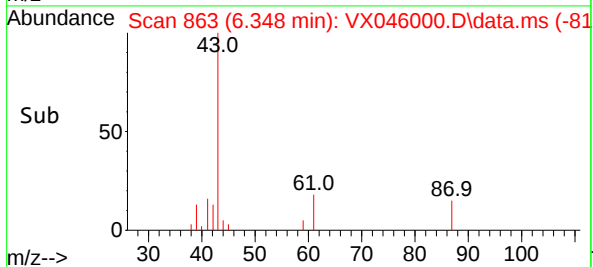
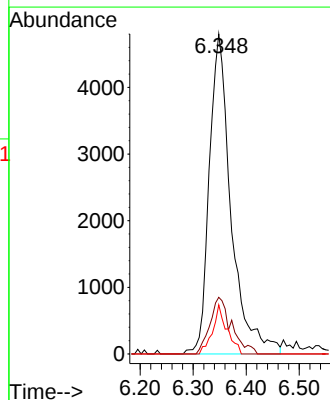
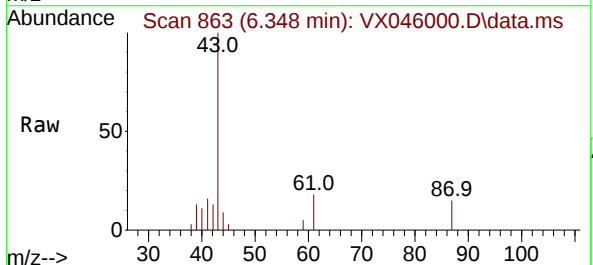
Instrument :
MSVOA_X
ClientSampleId :
WC-5

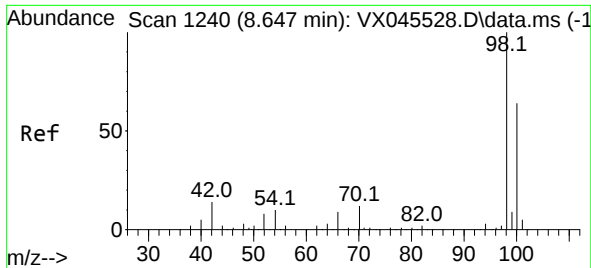
Tgt Ion:113 Resp: 44980
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.7 13.8 20.6



#43
Isopropyl Acetate
Concen: 6.081 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

Tgt Ion: 43 Resp: 13707
Ion Ratio Lower Upper
43 100
61 17.5 14.1 21.1
87 10.1 9.2 13.8

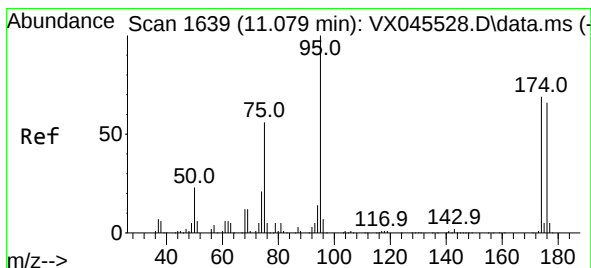
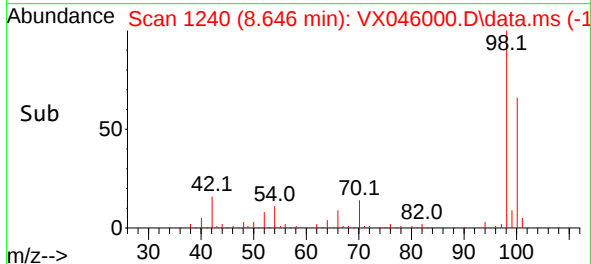
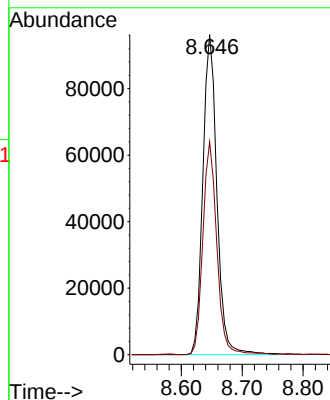
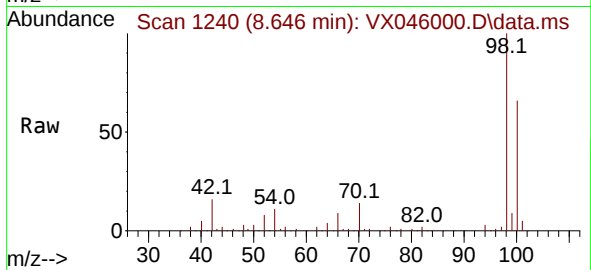




#50
Toluene-d8
Concen: 50.596 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

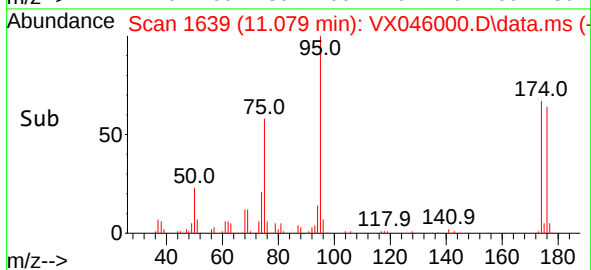
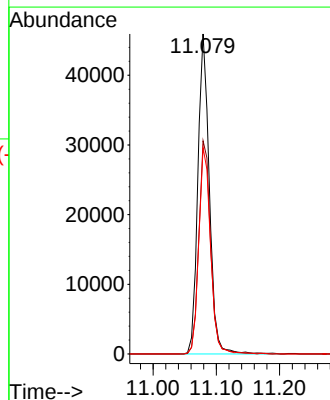
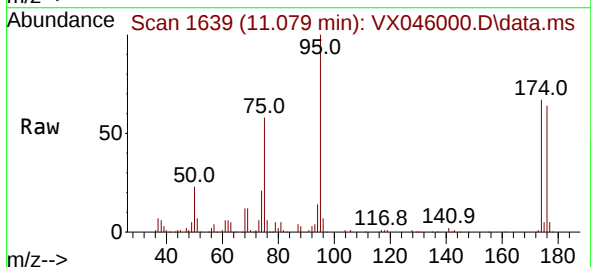
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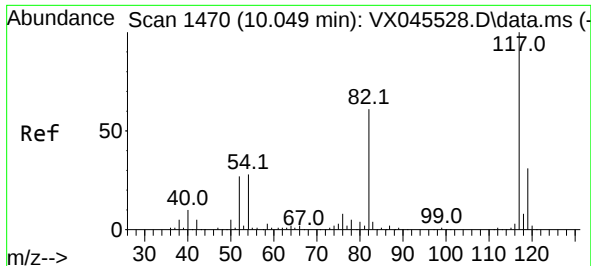
Tgt Ion: 98 Resp: 154369
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.210 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

Tgt Ion: 95 Resp: 58022
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 66.1 0.0 131.4

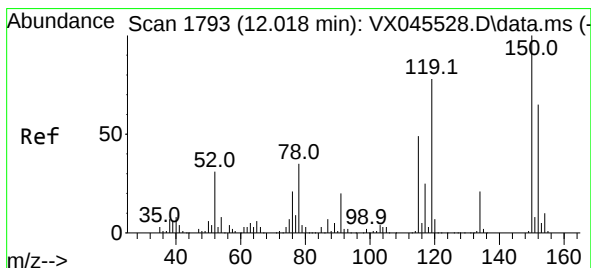
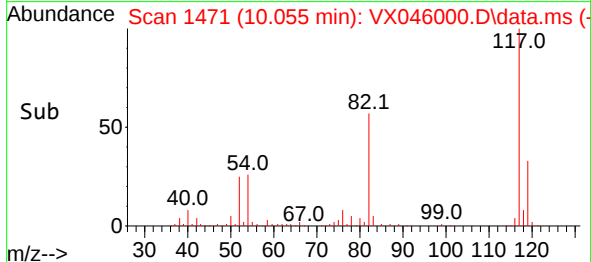
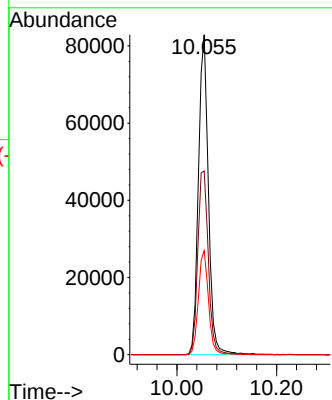
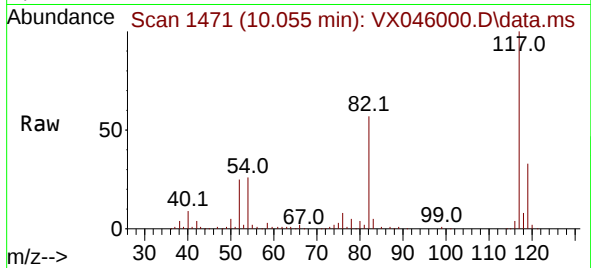




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 114937
Ion Ratio Lower Upper
117 100
82 57.4 49.2 73.8
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046000.D
Acq: 30 Apr 2025 16:03

Tgt Ion:152 Resp: 49035
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 158.7 0.0 349.4

