

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX046001.D
 Acq On : 30 Apr 2025 16:27
 Operator : JC/MD
 Sample : Q1906-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-6

Quant Time: May 01 03:38:20 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)

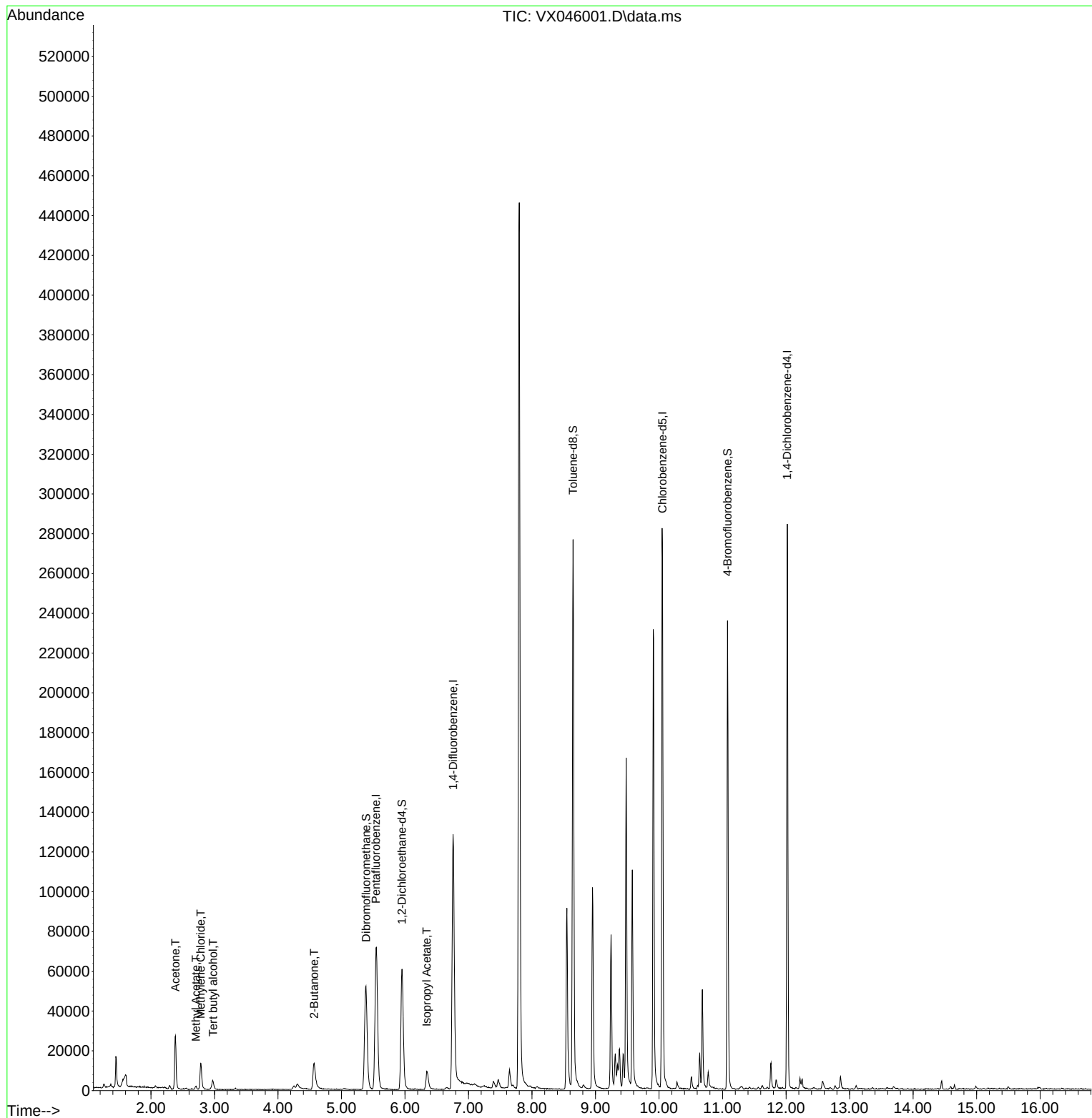
Internal Standards						
1) Pentafluorobenzene	5.544	168	61079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62247	55.728	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.460%	
35) Dibromofluoromethane	5.385	113	45253	52.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.480%	
50) Toluene-d8	8.647	98	157197	52.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	11.079	95	61140	56.043	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	4961	33.049	ug/l	100
16) Acetone	2.386	43	30185	65.811	ug/l	100
18) Methyl Acetate	2.709	43	2118	2.006	ug/l	96
20) Methylene Chloride	2.782	84	5971	6.954	ug/l	97
25) 2-Butanone	4.568	43	25644	38.196	ug/l	100
43) Isopropyl Acetate	6.342	43	13969	6.312	ug/l	99

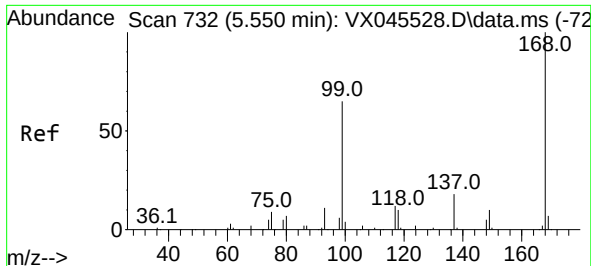
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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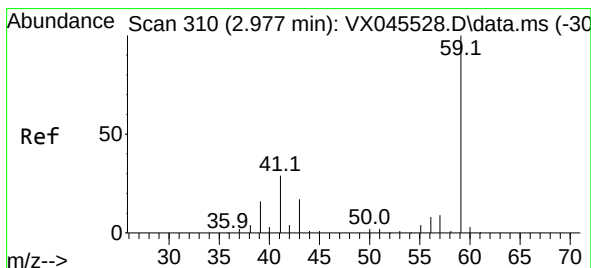
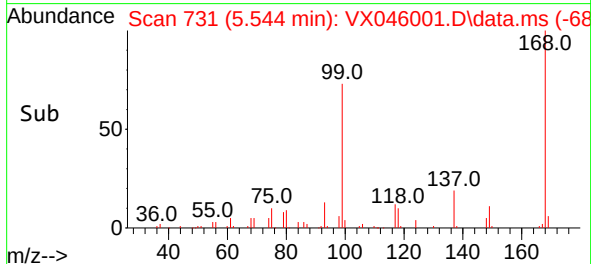
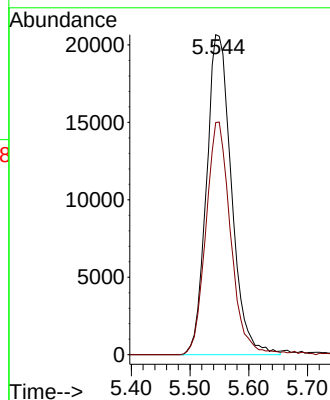
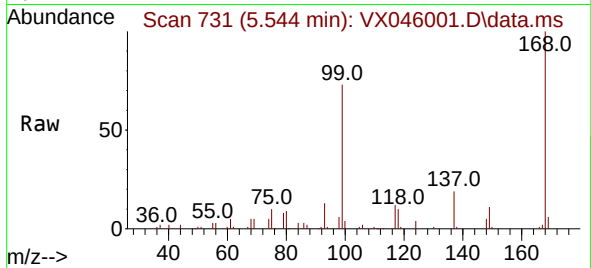




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

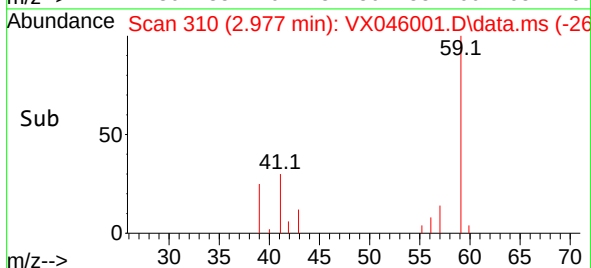
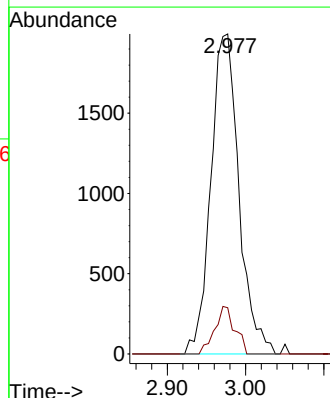
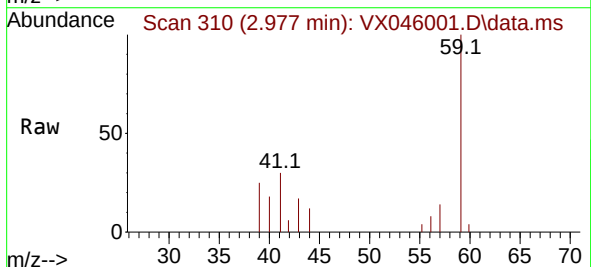
Instrument :
MSVOA_X
ClientSampleId :
WC-6

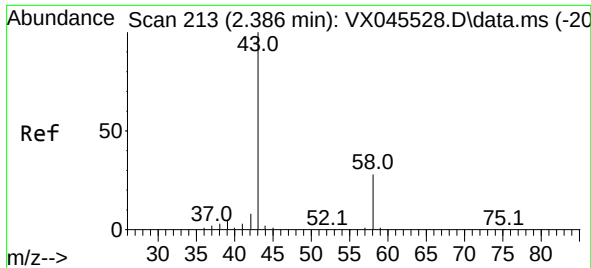
Tgt Ion:168 Resp: 61079
Ion Ratio Lower Upper
168 100
99 72.6 52.3 78.5



#11
Tert butyl alcohol
Concen: 33.049 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

Tgt Ion: 59 Resp: 4961
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

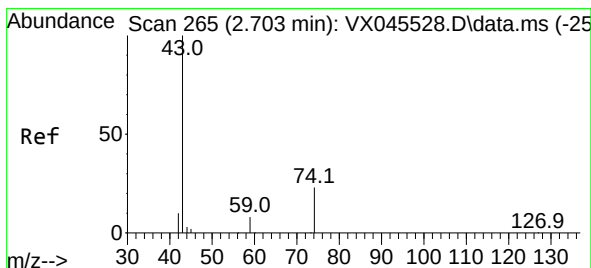
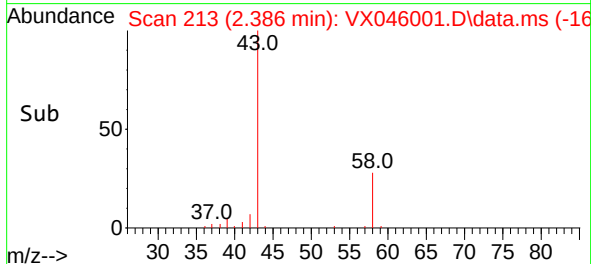
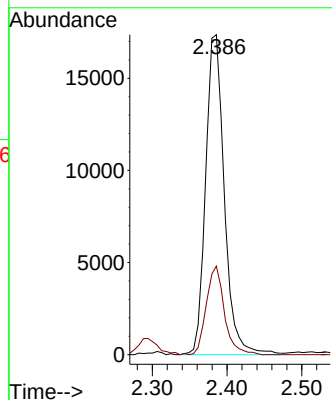
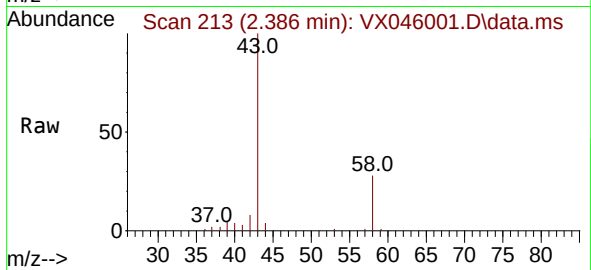




#16
Acetone
Concen: 65.811 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

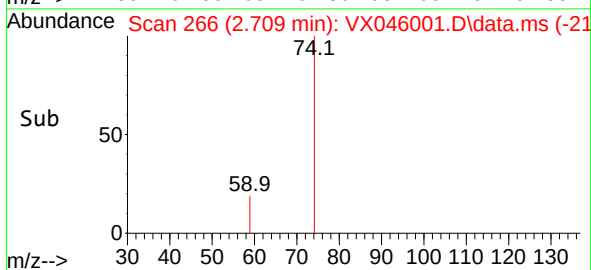
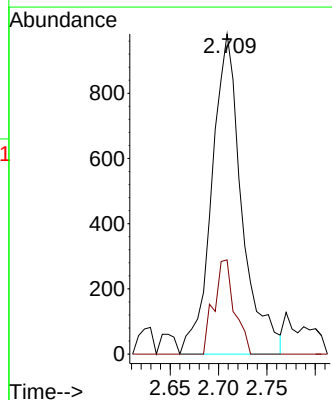
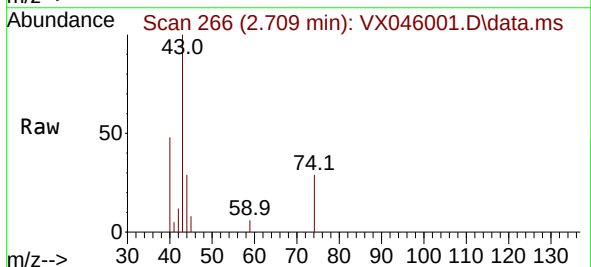
Instrument :
MSVOA_X
ClientSampleId :
WC-6

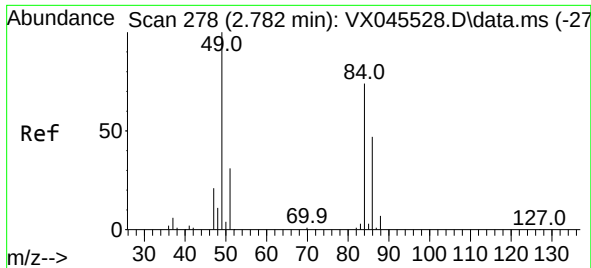
Tgt Ion: 43 Resp: 30185
Ion Ratio Lower Upper
43 100
58 27.7 22.3 33.5



#18
Methyl Acetate
Concen: 2.006 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
74 20.1 17.5 26.3

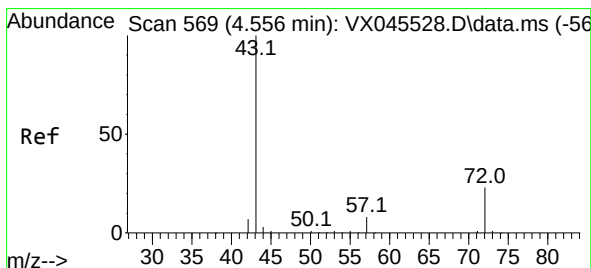
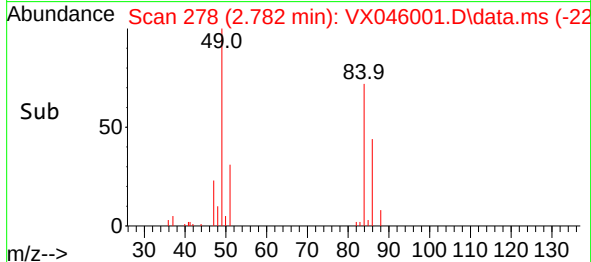
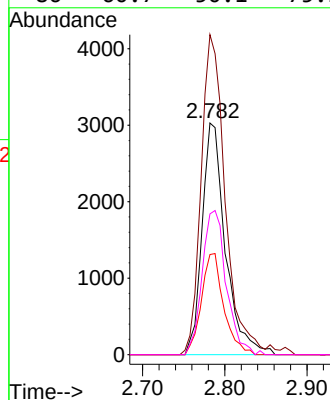
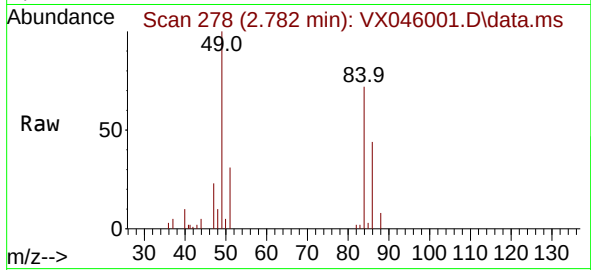




#20
Methylene Chloride
Concen: 6.954 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

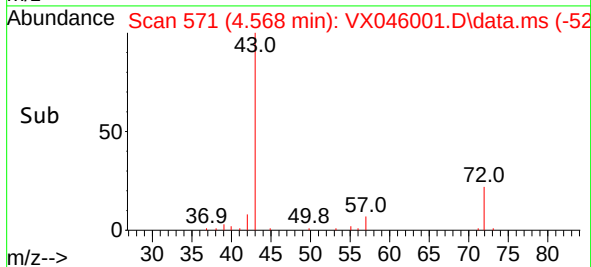
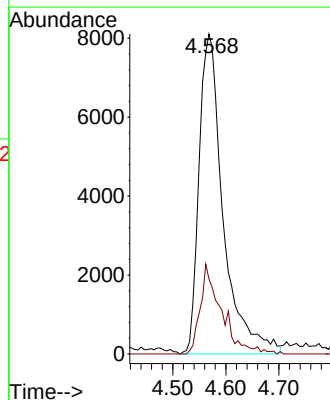
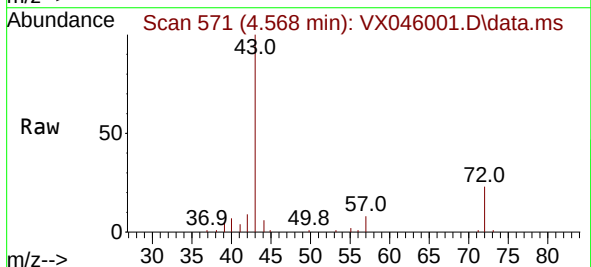
Instrument :
MSVOA_X
ClientSampleId :
WC-6

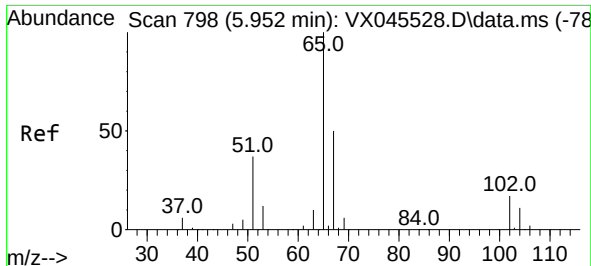
Tgt Ion:	84	Resp:	5971
Ion	Ratio	Lower	Upper
84	100		
49	138.1	107.5	161.3
51	43.2	33.0	49.6
86	60.7	50.1	75.1



#25
2-Butanone
Concen: 38.196 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

Tgt Ion:	43	Resp:	25644
Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.6	28.0





#33

1,2-Dichloroethane-d4

Concen: 55.728 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046001.D

Acq: 30 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

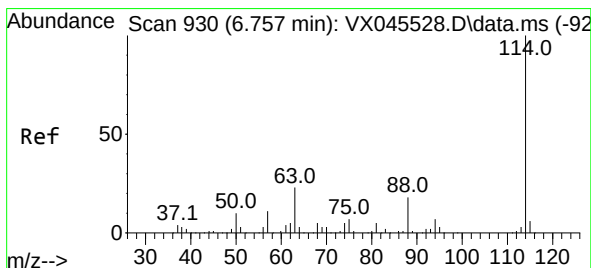
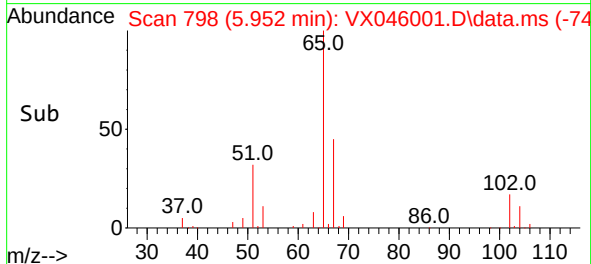
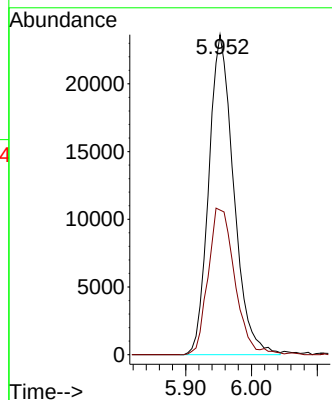
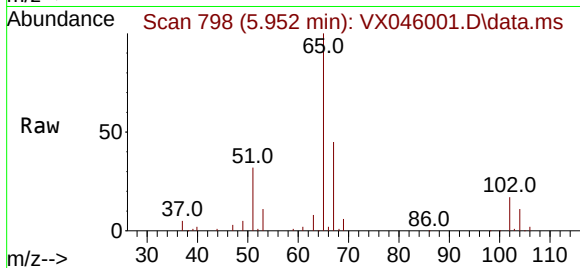
WC-6

Tgt Ion: 65 Resp: 62247

Ion Ratio Lower Upper

65 100

67 49.0 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: VX046001.D

Acq: 30 Apr 2025 16:27

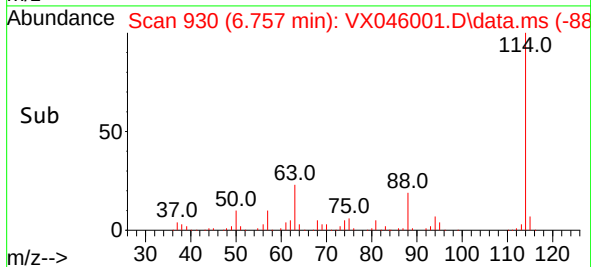
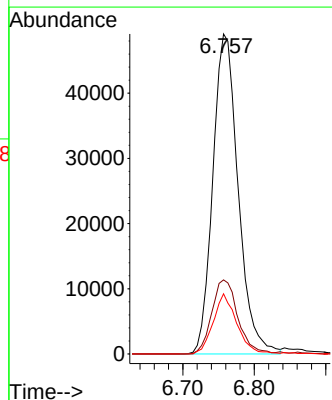
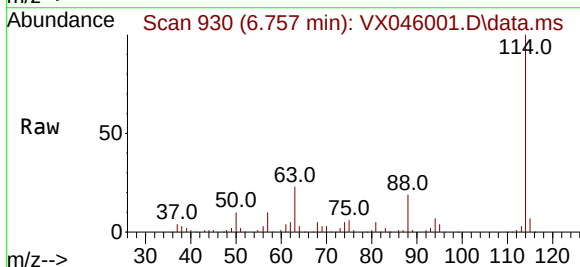
Tgt Ion: 114 Resp: 120942

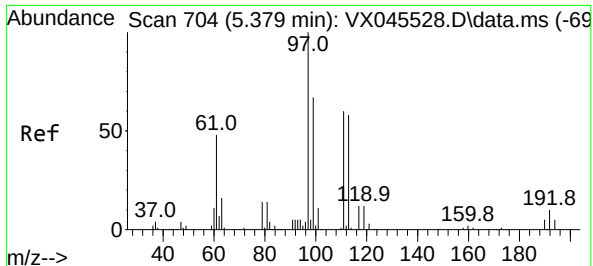
Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.8

88 18.8 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.737 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046001.D

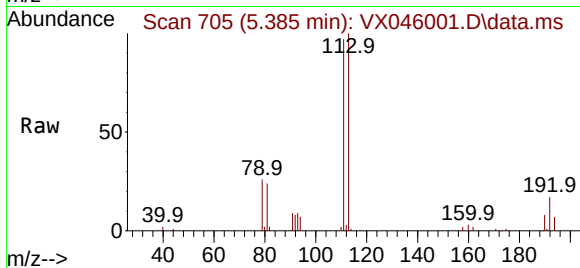
Acq: 30 Apr 2025 16:27

Instrument :

MSVOA_X

ClientSampleId :

WC-6



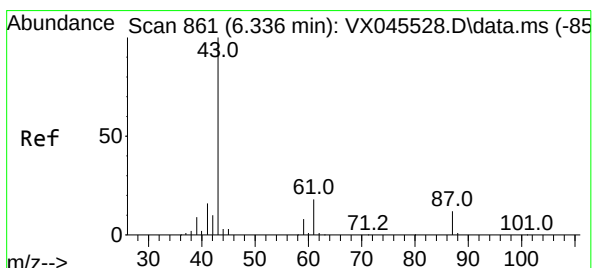
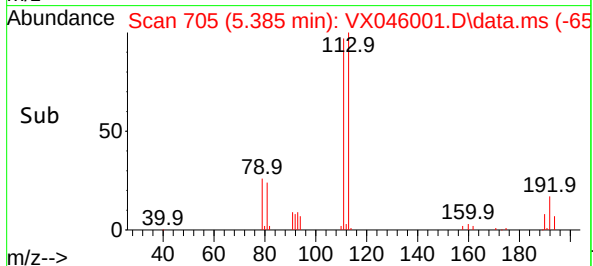
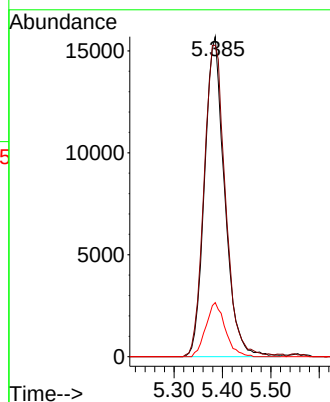
Tgt Ion:113 Resp: 45253

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

192 16.3 13.8 20.6



#43

Isopropyl Acetate

Concen: 6.312 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX046001.D

Acq: 30 Apr 2025 16:27

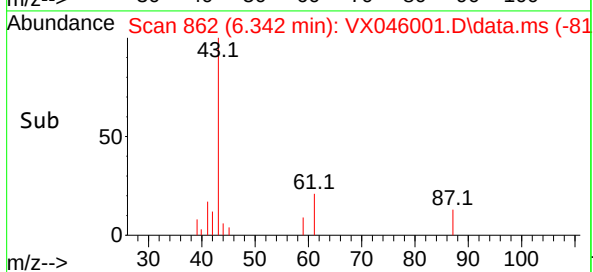
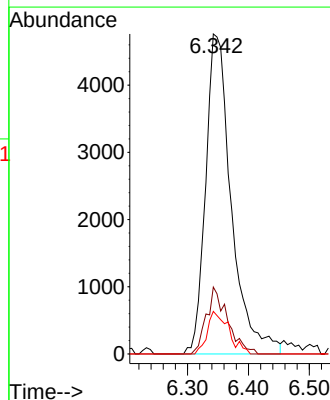
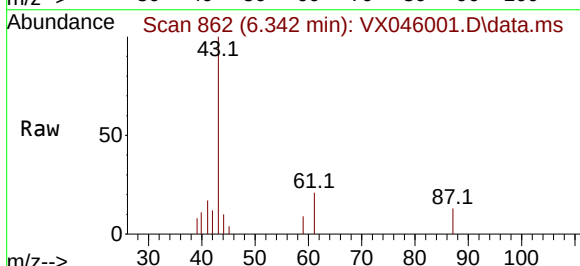
Tgt Ion: 43 Resp: 13969

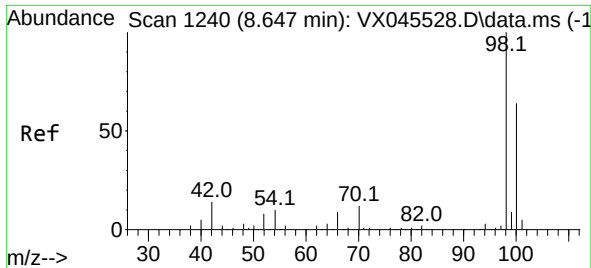
Ion Ratio Lower Upper

43 100

61 17.3 14.1 21.1

87 11.0 9.2 13.8

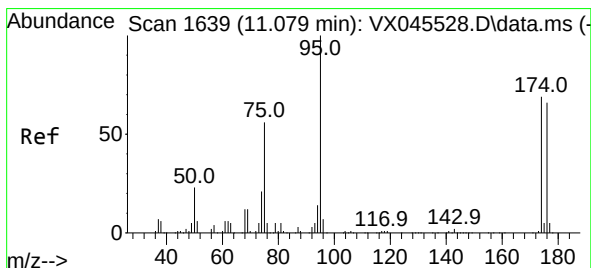
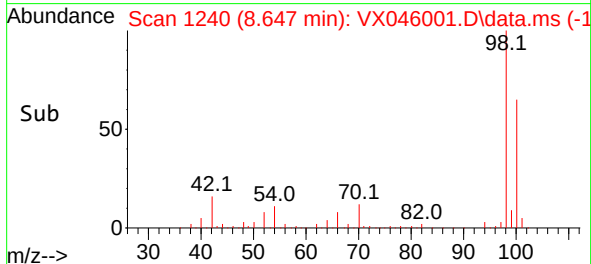
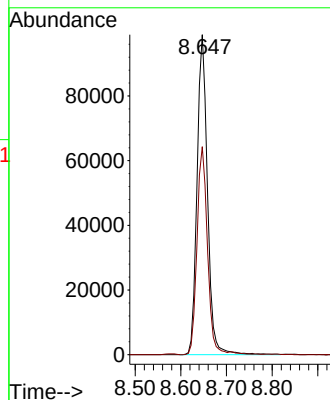
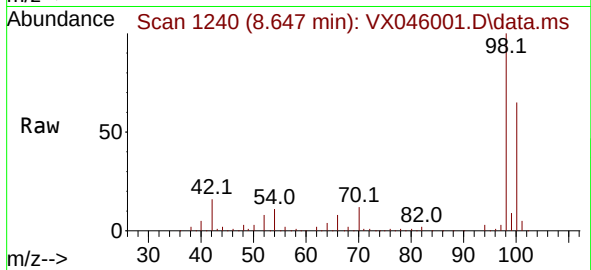




#50
Toluene-d8
Concen: 52.486 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

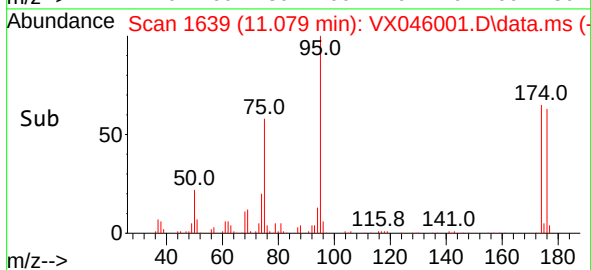
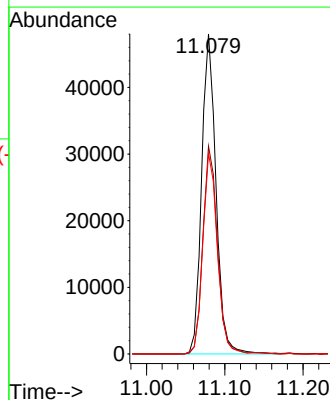
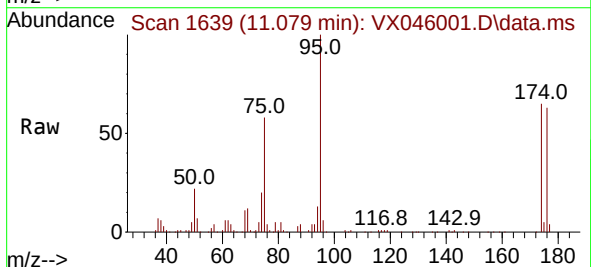
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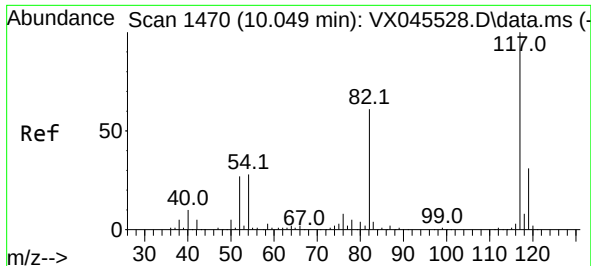
Tgt Ion: 98 Resp: 157197
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 56.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

Tgt Ion: 95 Resp: 61140
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.8
176 63.7 0.0 131.4

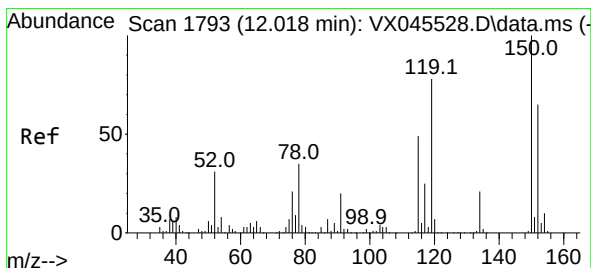
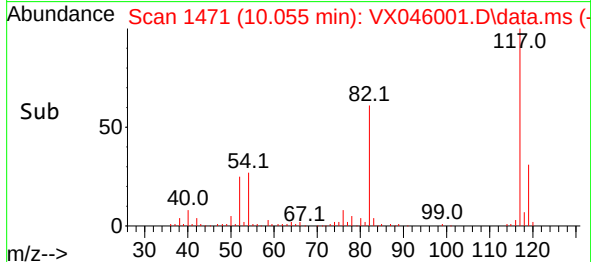
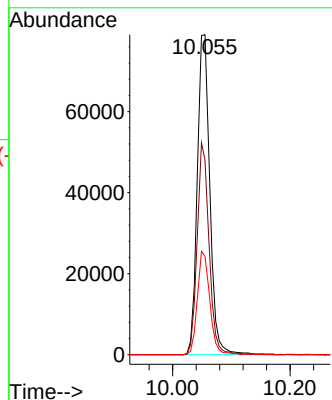
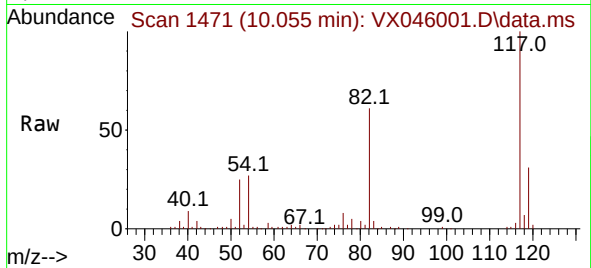




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046001.D
Acq: 30 Apr 2025 16:27

Instrument :
MSVOA_X
ClientSampleId :
WC-6

Tgt Ion:117 Resp: 117536
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 30.7 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: VX046001.D
Acq: 30 Apr 2025 16:27

Tgt Ion:152 Resp: 51821
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 154.8 0.0 349.4

