

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040325\
 Data File : VX045571.D
 Acq On : 03 Apr 2025 15:14
 Operator : JC/MD
 Sample : Q1711-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-040225

Quant Time: Apr 04 01:23:40 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)

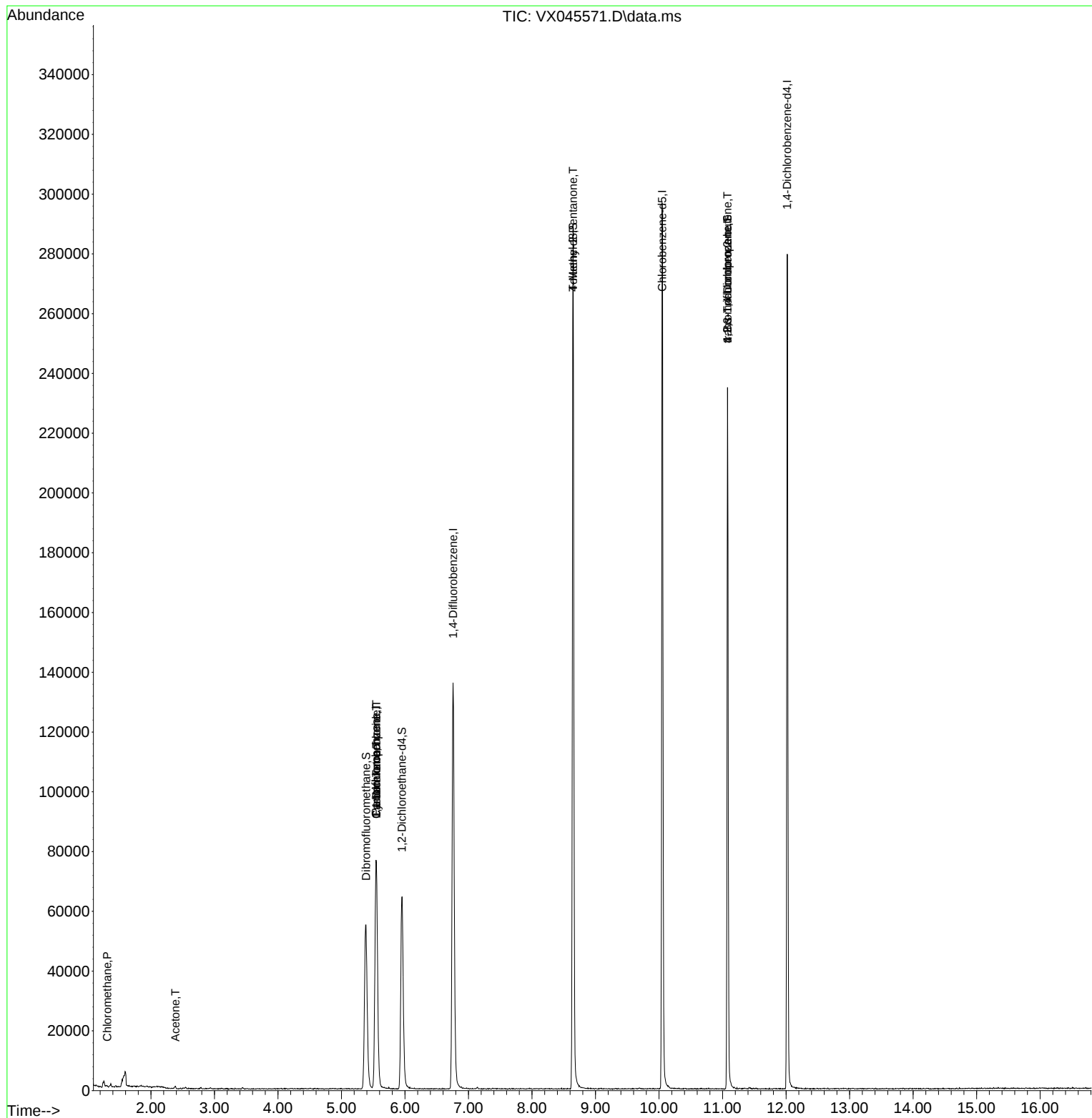
Internal Standards						
1) Pentafluorobenzene	5.544	168	66937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65957	53.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.760%	
35) Dibromofluoromethane	5.385	113	47665	52.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.100%	
50) Toluene-d8	8.647	98	162893	50.960	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	11.079	95	59432	51.044	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	382	0.371	ug/l #	42
16) Acetone	2.386	43	756	1.504	ug/l	92
31) Cyclohexane	5.550	56	2147	1.430	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	6613	5.348	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7865	5.885	ug/l #	12
51) 4-Methyl-2-Pentanone	8.647	43	973	0.621	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35054	29.073	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35054	98.671	ug/l #	1

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

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Quant Title : SW846 8260
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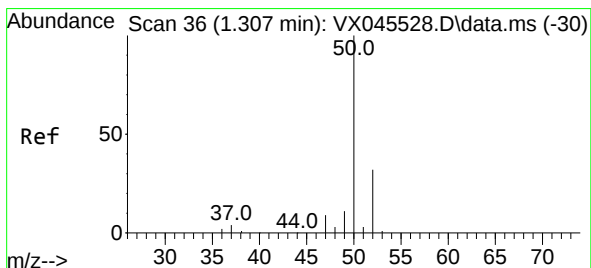
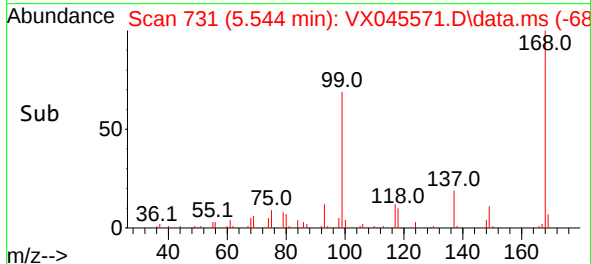
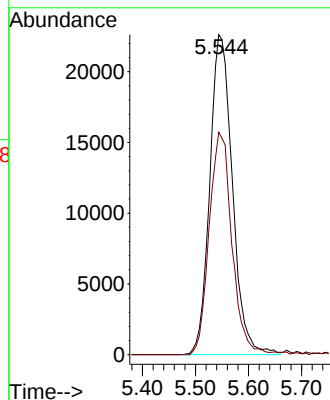
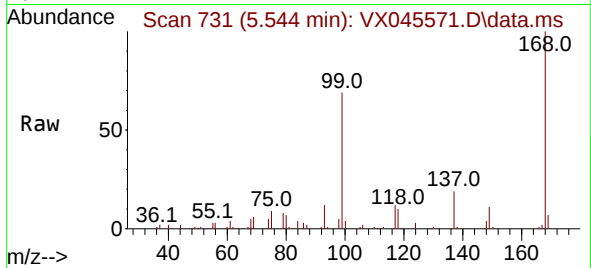




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

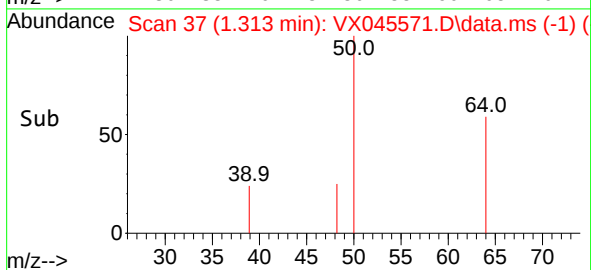
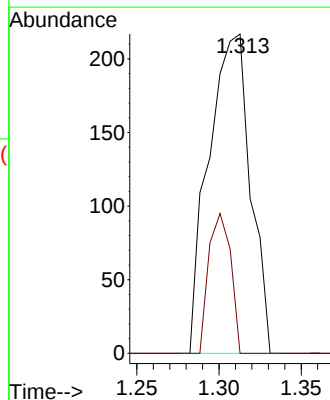
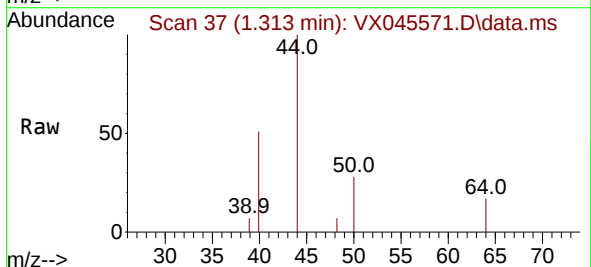
Instrument :
MSVOA_X
ClientSampleId :
TB01-040225

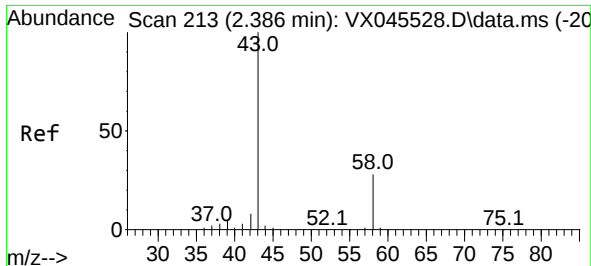
Tgt Ion:168 Resp: 66937
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#3
Chloromethane
Concen: 0.371 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

Tgt Ion: 50 Resp: 382
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

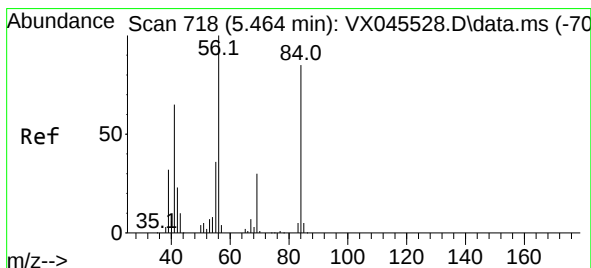
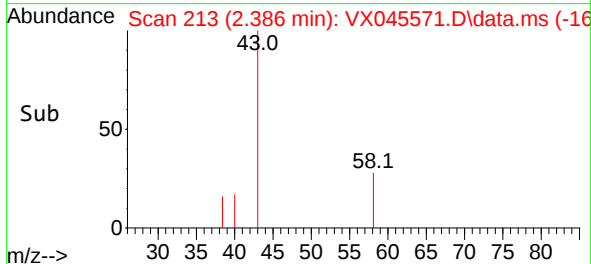
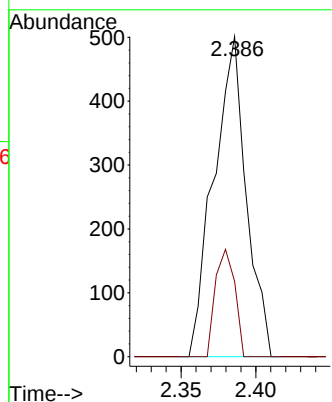
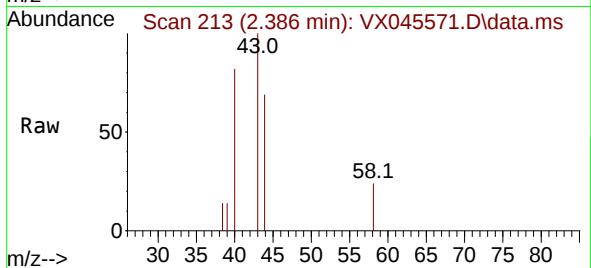




#16
Acetone
Concen: 1.504 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

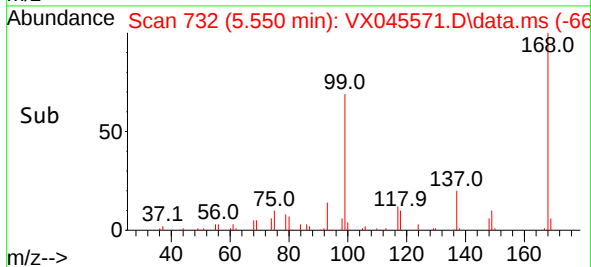
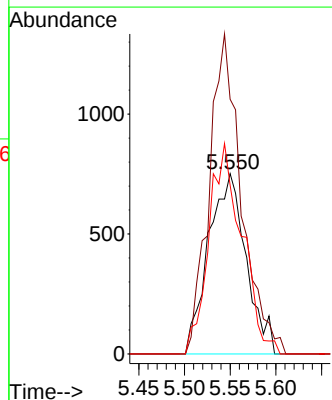
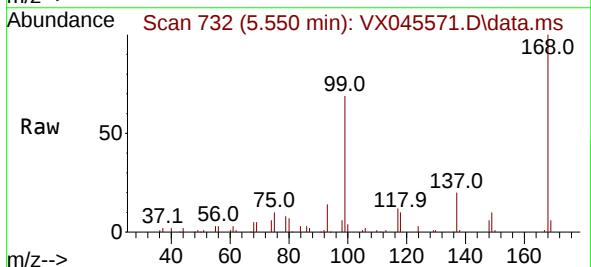
Instrument :
MSVOA_X
ClientSampleId :
TB01-040225

Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 23.6 22.3 33.5



#31
Cyclohexane
Concen: 1.430 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

Tgt Ion: 56 Resp: 2147
Ion Ratio Lower Upper
56 100
69 141.2 23.6 35.4#
84 93.6 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 53.882 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045571.D

Acq: 03 Apr 2025 15:14

Instrument :

MSVOA_X

ClientSampleId :

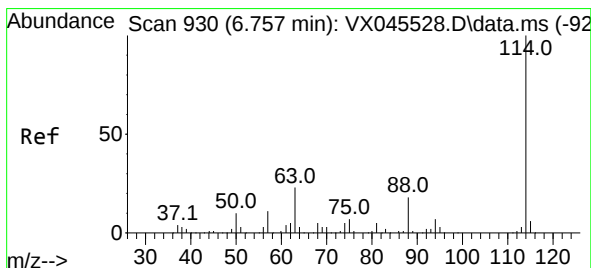
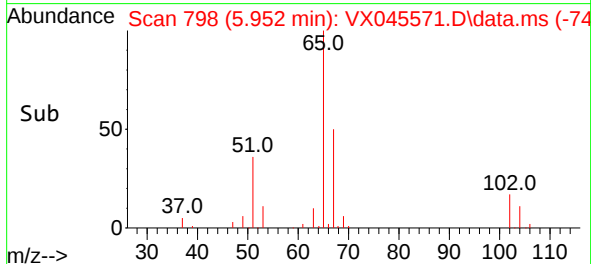
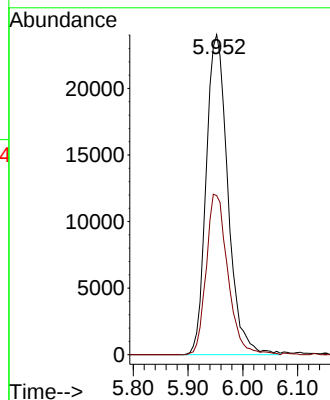
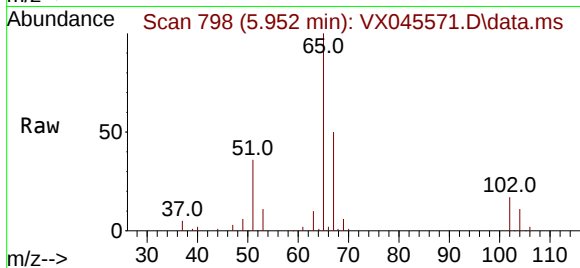
TB01-040225

Tgt Ion: 65 Resp: 65957

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: VX045571.D

Acq: 03 Apr 2025 15:14

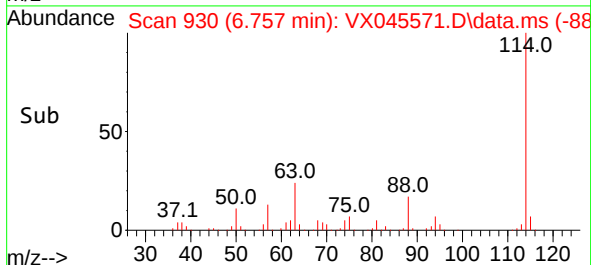
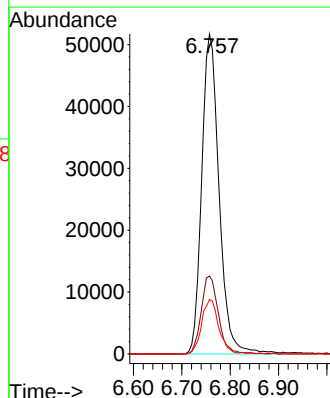
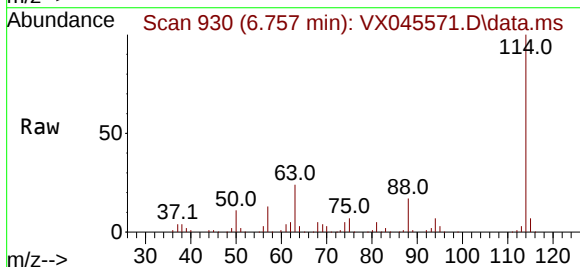
Tgt Ion: 114 Resp: 129076

Ion Ratio Lower Upper

114 100

63 24.4 0.0 46.8

88 17.0 0.0 35.4

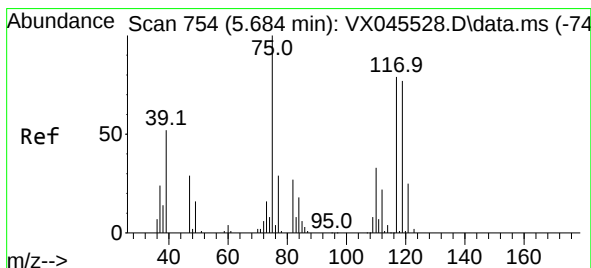
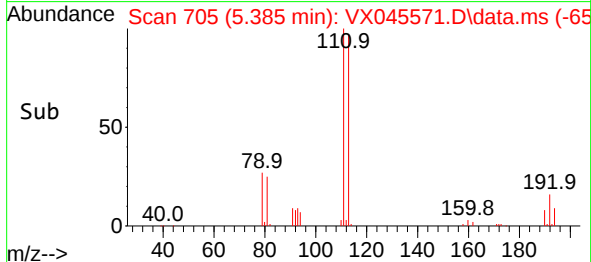
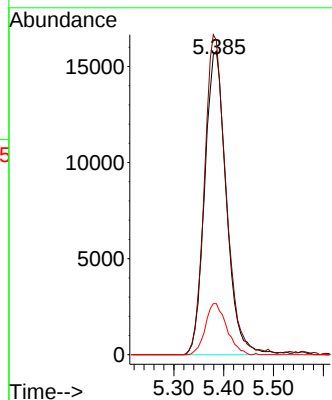
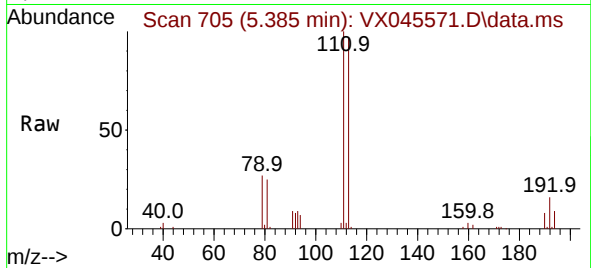




#35
Dibromofluoromethane
Concen: 52.048 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

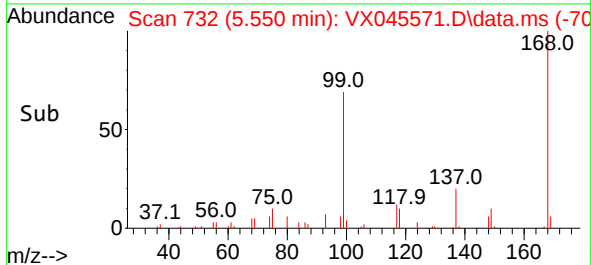
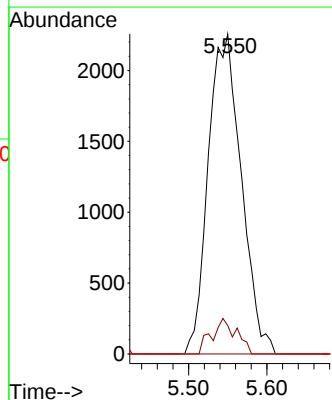
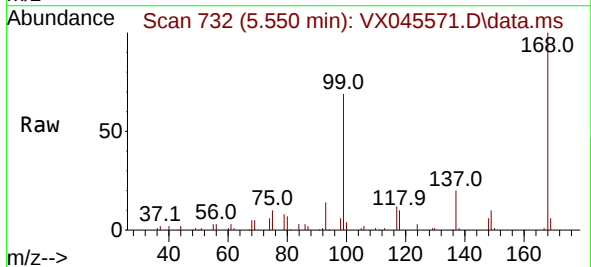
Instrument :
MSVOA_X
ClientSampleId :
TB01-040225

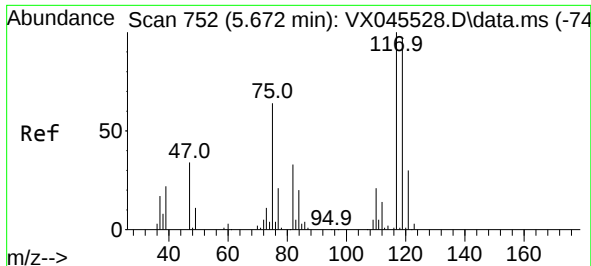
Tgt Ion:113 Resp: 47665
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.6
192 16.6 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.348 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

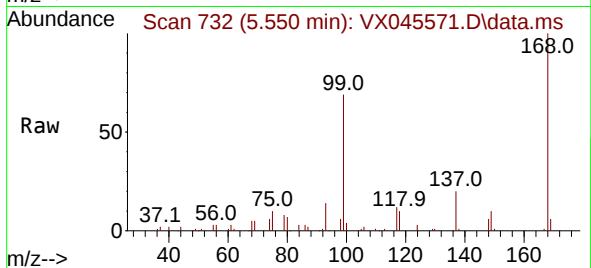
Tgt Ion: 75 Resp: 6613
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 25.0 37.4#



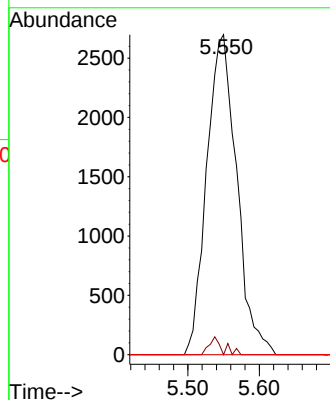
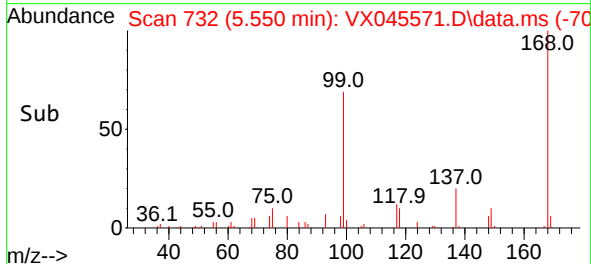


#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
TB01-040225

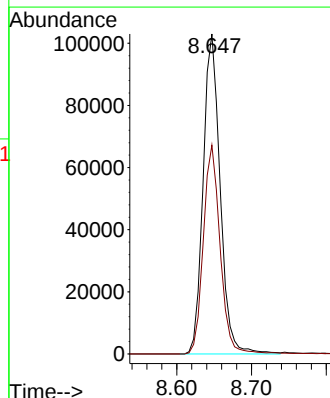
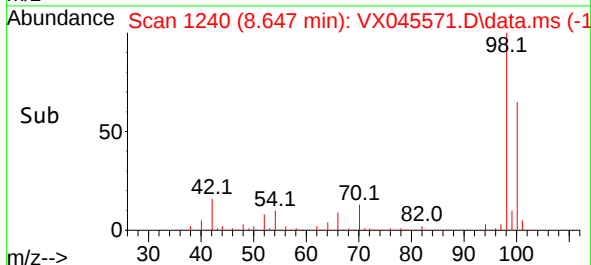
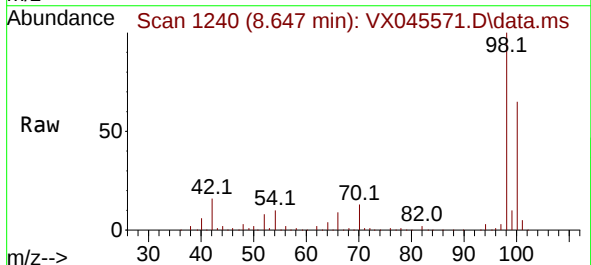


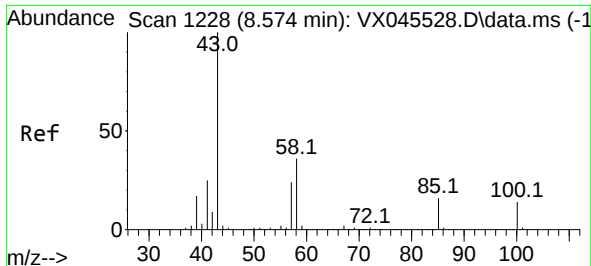
Tgt Ion:117 Resp: 7865
Ion Ratio Lower Upper
117 100
119 0.0 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.960 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

Tgt Ion: 98 Resp: 162893
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 0.621 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX045571.D

Acq: 03 Apr 2025 15:14

Instrument :

MSVOA_X

ClientSampleId :

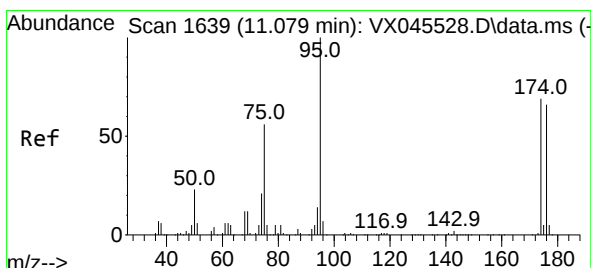
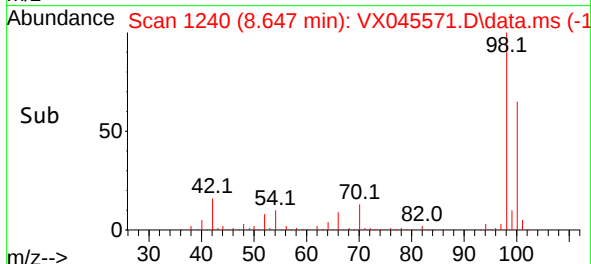
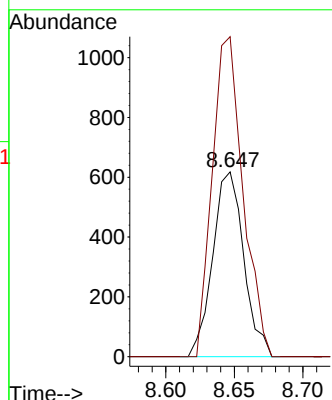
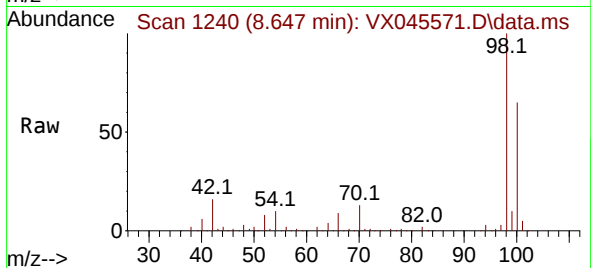
TB01-040225

Tgt Ion: 43 Resp: 973

Ion Ratio Lower Upper

43 100

58 171.5 28.5 42.7#



#62

4-Bromofluorobenzene

Concen: 51.044 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045571.D

Acq: 03 Apr 2025 15:14

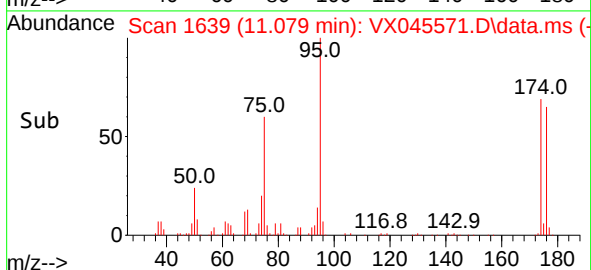
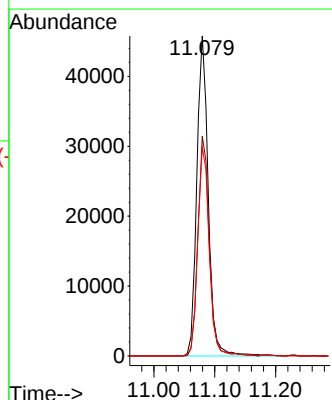
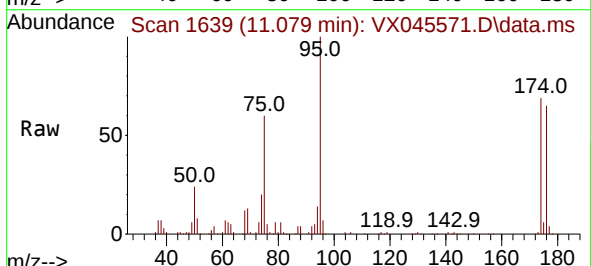
Tgt Ion: 95 Resp: 59432

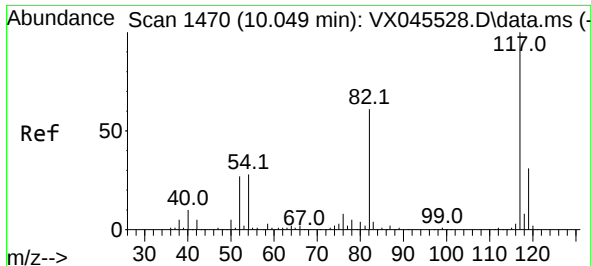
Ion Ratio Lower Upper

95 100

174 68.6 0.0 135.8

176 66.0 0.0 131.4

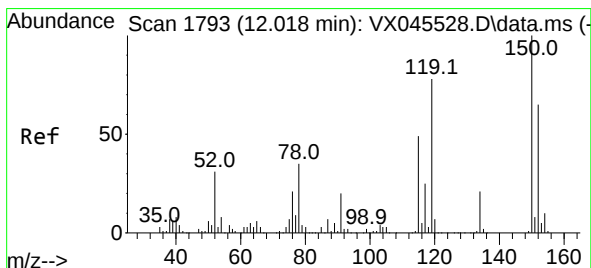
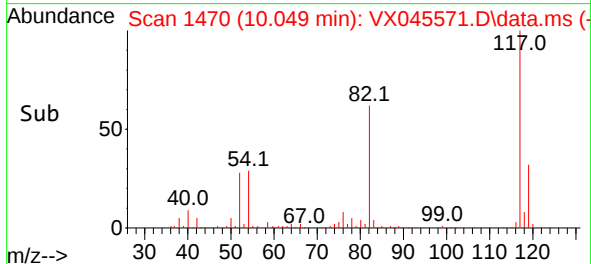
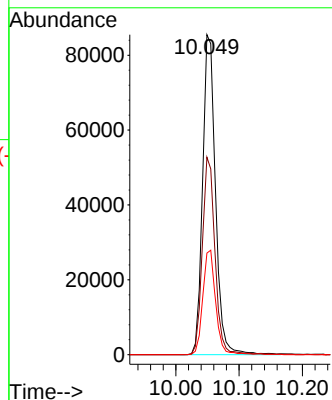
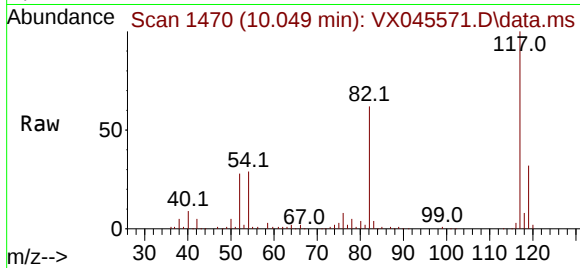




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

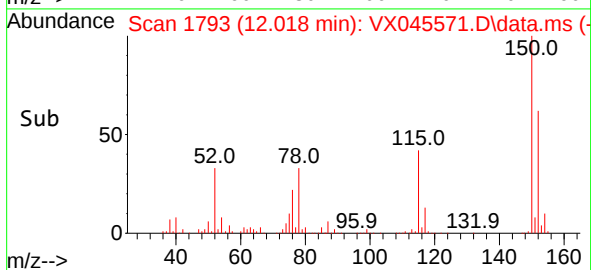
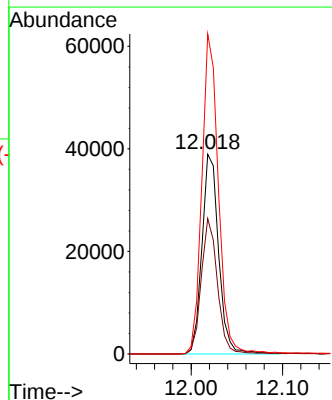
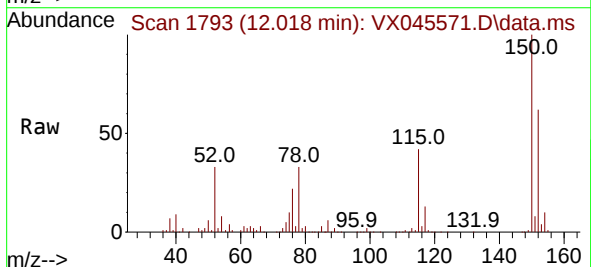
Instrument :
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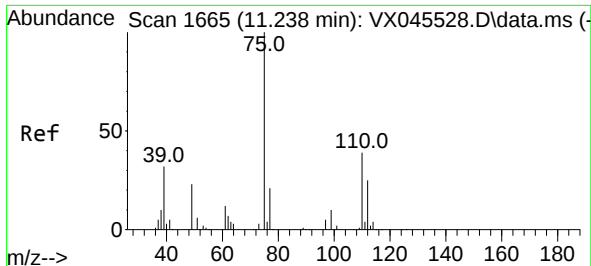
Tgt Ion:117 Resp: 121728
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

Tgt Ion:152 Resp: 49430
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 158.7 0.0 349.4

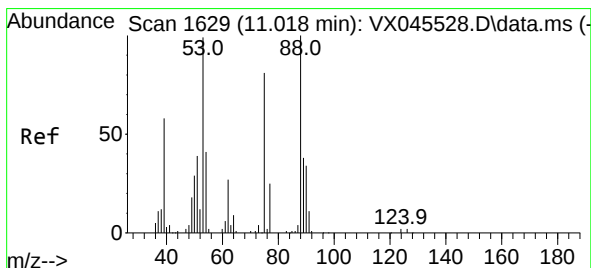
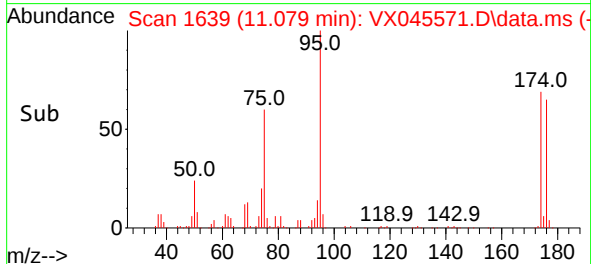
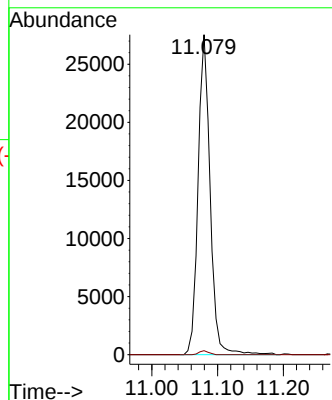
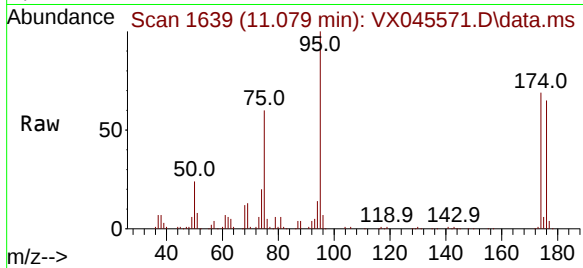




#76
1,2,3-Trichloropropane
Concen: 29.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

Instrument :
MSVOA_X
ClientSampleId :
TB01-040225

Tgt Ion: 75 Resp: 35054
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045571.D
Acq: 03 Apr 2025 15:14

Tgt Ion: 75 Resp: 35054
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

