

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045400.D
 Acq On : 21 Mar 2025 19:54
 Operator : JC/MD
 Sample : Q1608-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20250317

Quant Time: Mar 21 23:21:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

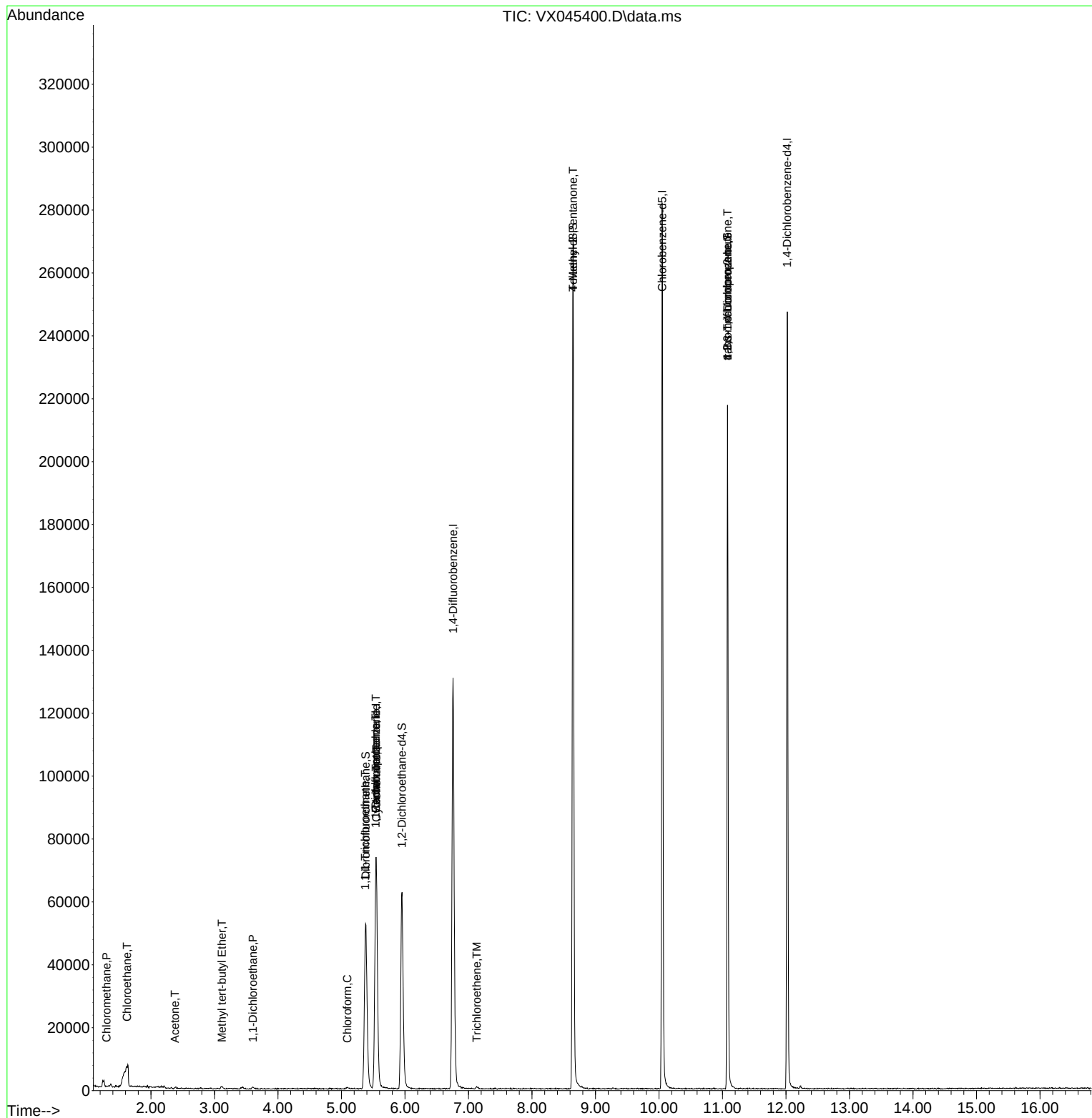
Internal Standards						
1) Pentafluorobenzene	5.544	168	64919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59672	57.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.580%			
35) Dibromofluoromethane	5.379	113	45303	54.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.480%			
50) Toluene-d8	8.647	98	157928	52.155	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.320%			
62) 4-Bromofluorobenzene	11.079	95	54354	54.170	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.340%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	309	0.309	ug/l #	43
6) Chloroethane	1.624	64	126	0.275	ug/l #	41
16) Acetone	2.380	43	528	1.102	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	688	0.257	ug/l #	52
24) 1,1-Dichloroethane	3.605	63	842	0.520	ug/l #	83
30) Chloroform	5.093	83	548	0.341	ug/l	88
31) Cyclohexane	5.550	56	2016	1.435	ug/l #	39
32) 1,1,1-Trichloroethane	5.373	97	283	0.218	ug/l #	23
36) 1,1-Dichloropropene	5.538	75	6183	5.398	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7108	6.112	ug/l #	17
44) Trichloroethene	7.129	130	263	0.310	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	880	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31771	28.858	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31771	98.758	ug/l #	6

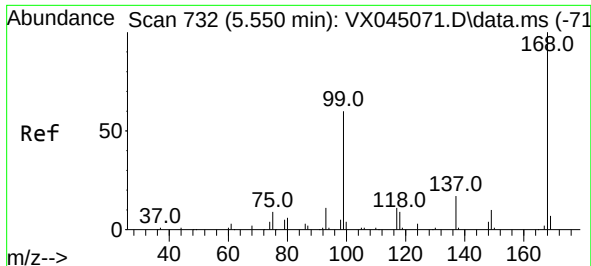
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 21 23:21:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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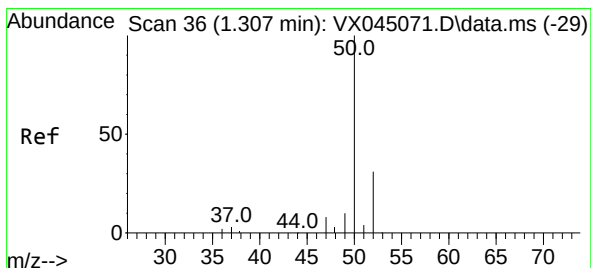
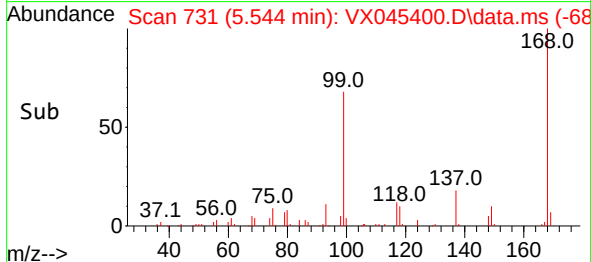
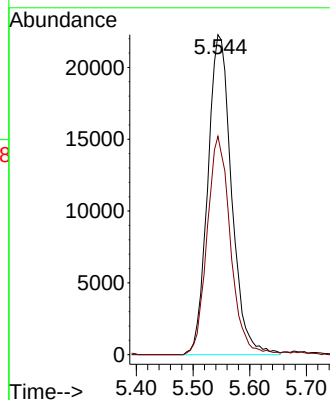
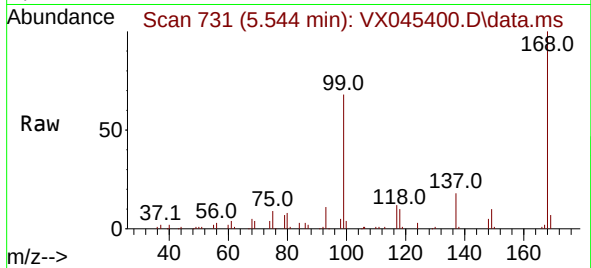




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

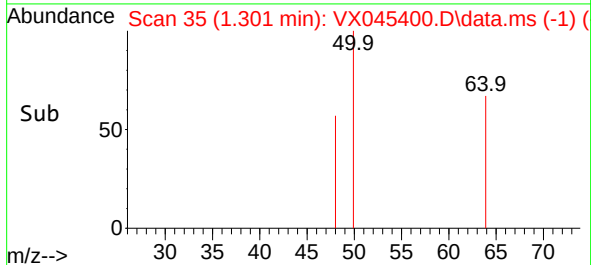
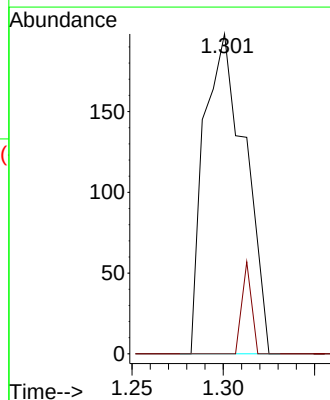
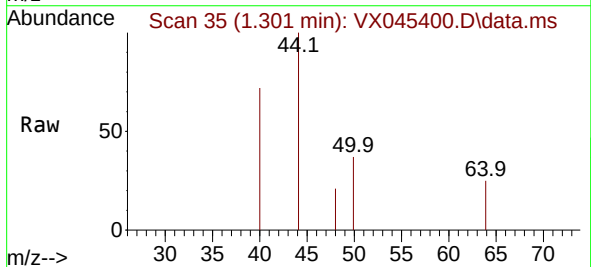
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250317

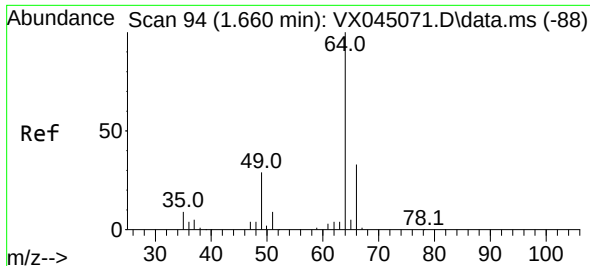
Tgt Ion:168 Resp: 64919
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#3
Chloromethane
Concen: 0.309 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion: 50 Resp: 309
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

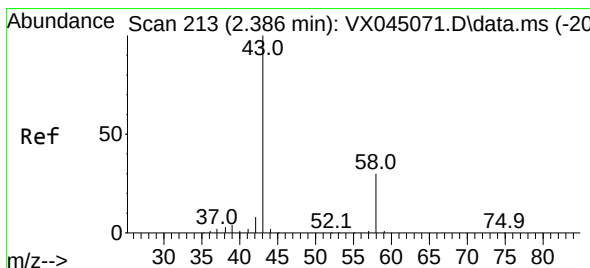
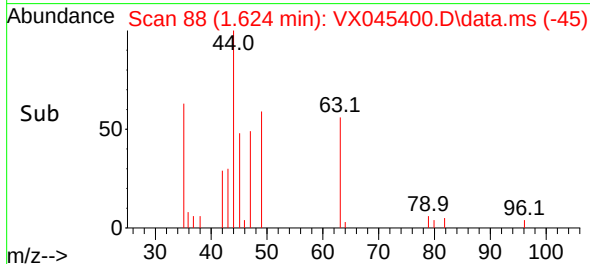
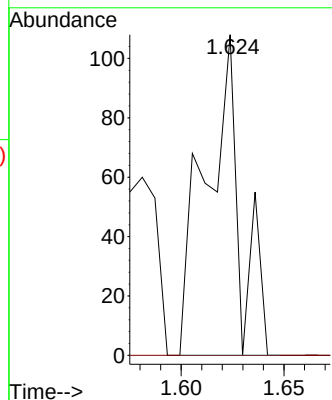
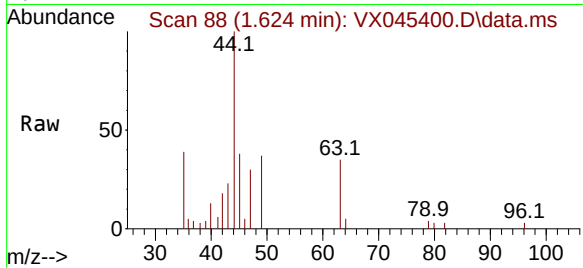




#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.037 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

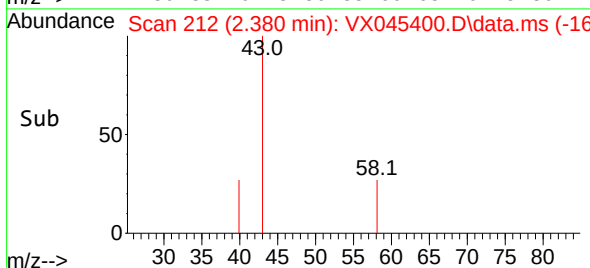
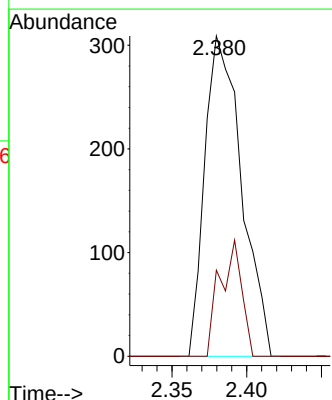
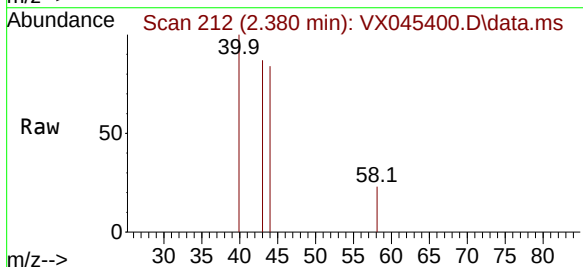
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250317

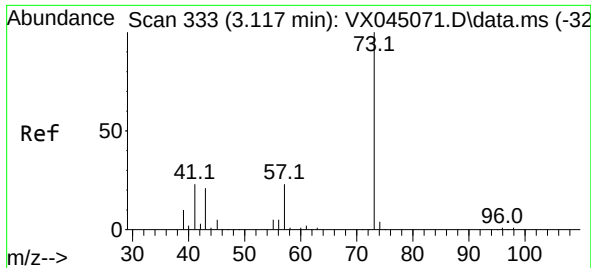
Tgt Ion: 64 Resp: 126
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#16
Acetone
Concen: 1.102 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
58 26.9 24.2 36.4

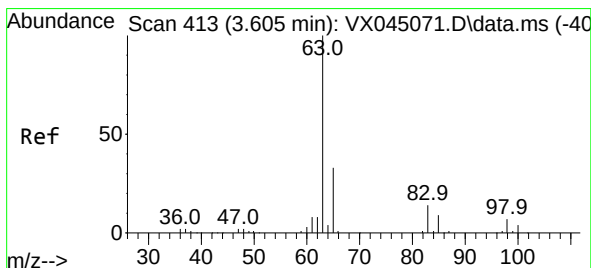
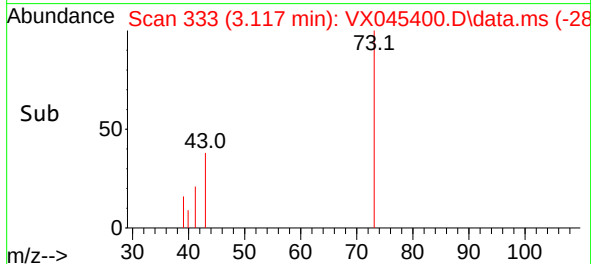
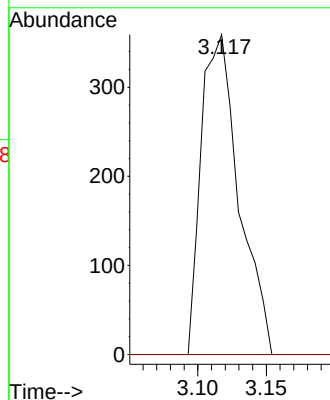
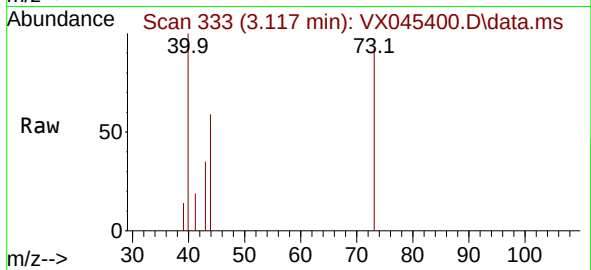




#19
Methyl tert-butyl Ether
Concen: 0.257 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

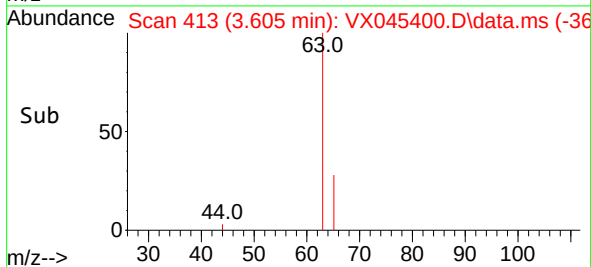
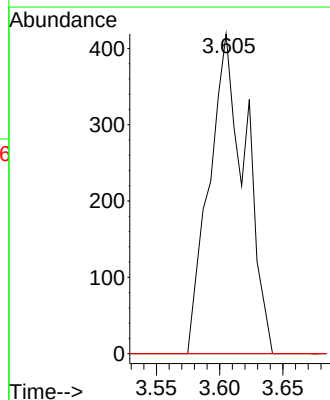
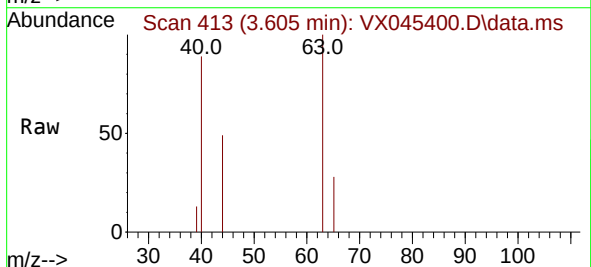
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250317

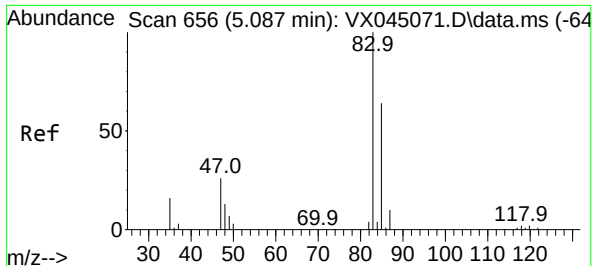
Tgt Ion: 73 Resp: 688
Ion Ratio Lower Upper
73 100
57 0.0 18.5 27.7#



#24
1,1-Dichloroethane
Concen: 0.520 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion: 63 Resp: 842
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#





#30

Chloroform

Concen: 0.341 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX045400.D

Acq: 21 Mar 2025 19:54

Instrument :

MSVOA_X

ClientSampleId :

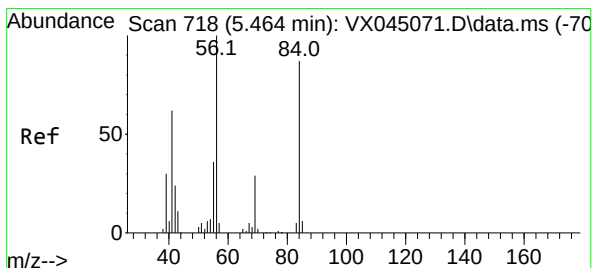
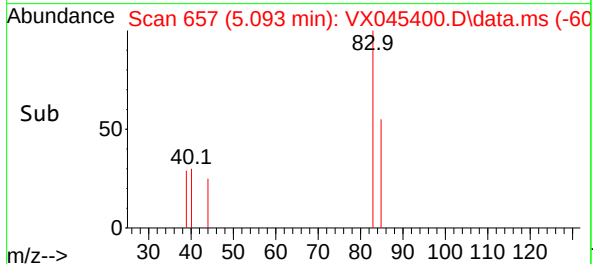
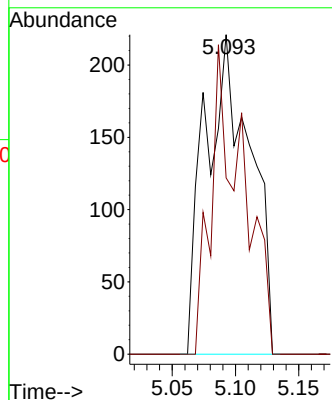
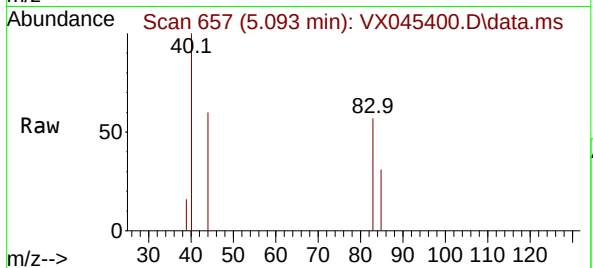
RW11-MW01S-20250317

Tgt Ion: 83 Resp: 548

Ion Ratio Lower Upper

83 100

85 55.2 51.4 77.2



#31

Cyclohexane

Concen: 1.435 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045400.D

Acq: 21 Mar 2025 19:54

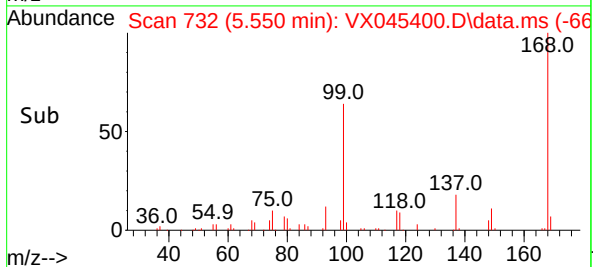
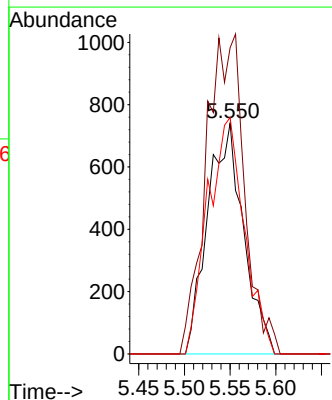
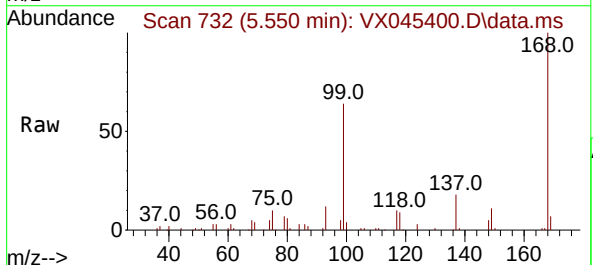
Tgt Ion: 56 Resp: 2016

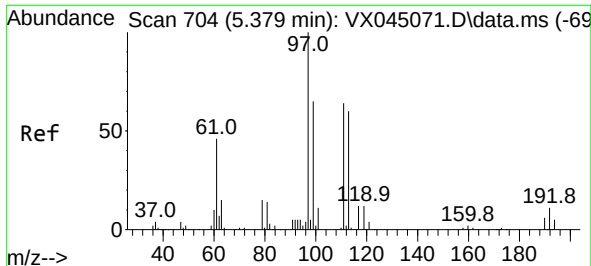
Ion Ratio Lower Upper

56 100

69 132.7 23.4 35.2#

84 102.4 69.4 104.2

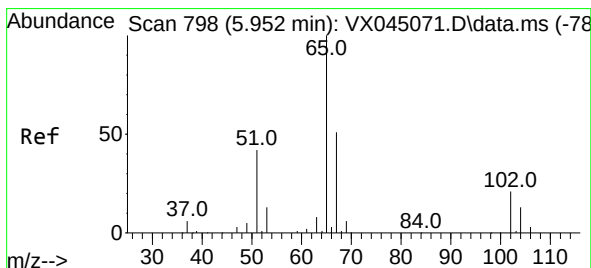
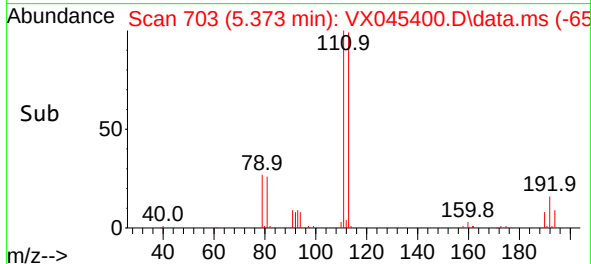
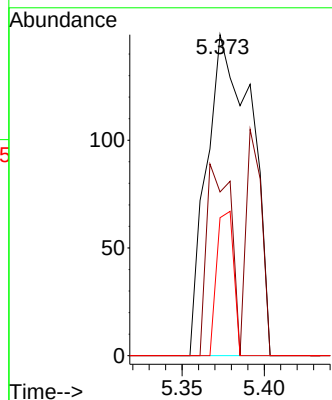
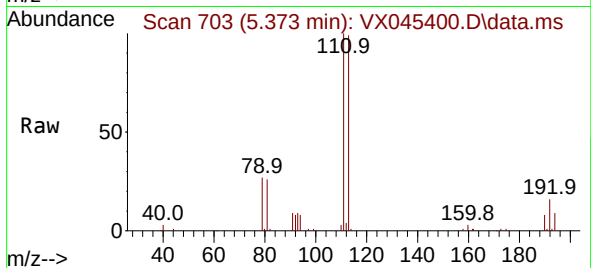




#32
1,1,1-Trichloroethane
Concen: 0.218 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

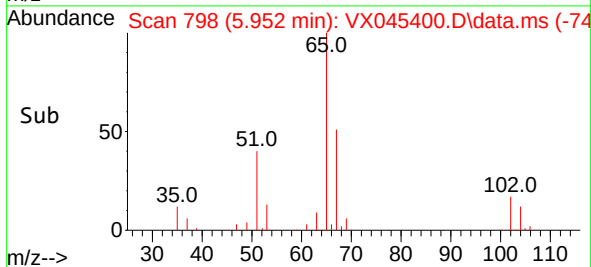
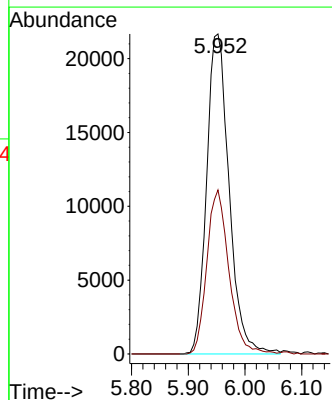
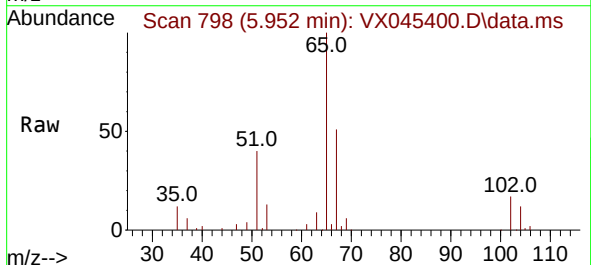
Instrument :
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ClientSampleId :
RW11-MW01S-20250317

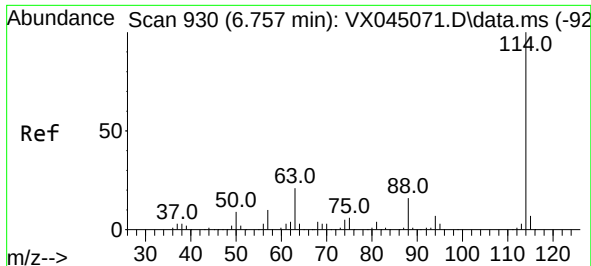
Tgt Ion: 97 Resp: 283
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 0.0 38.4 57.6#



#33
1,2-Dichloroethane-d4
Concen: 57.786 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion: 65 Resp: 59672
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.2

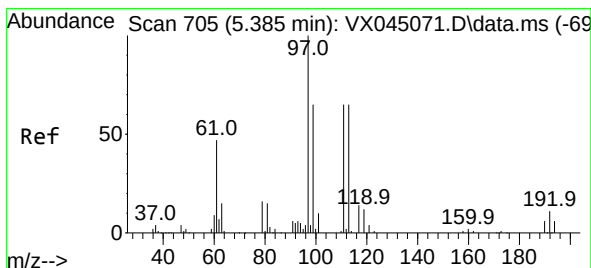
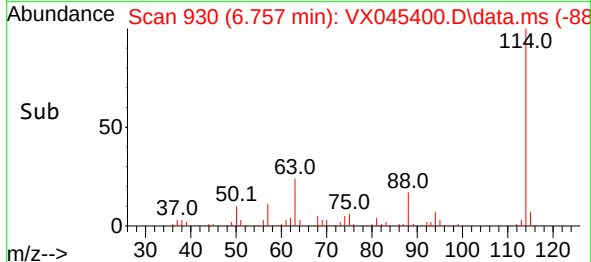
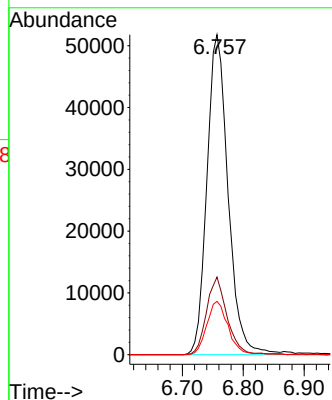
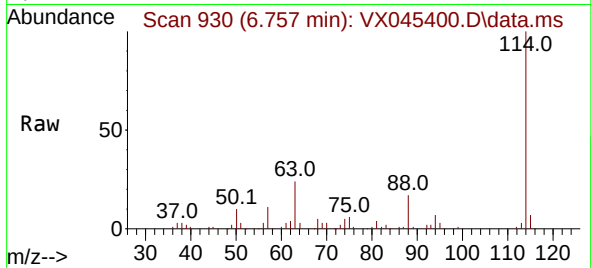




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045400.D
 Acq: 21 Mar 2025 19:54

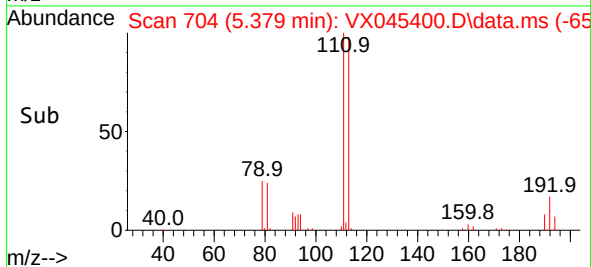
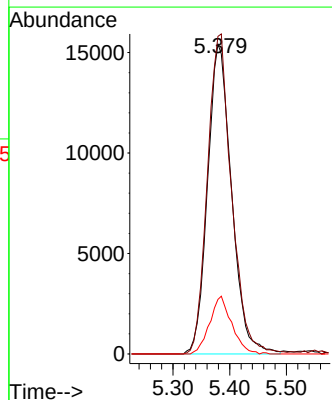
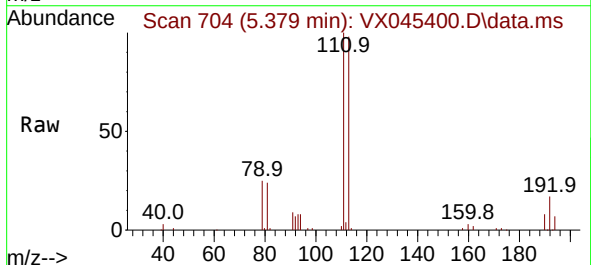
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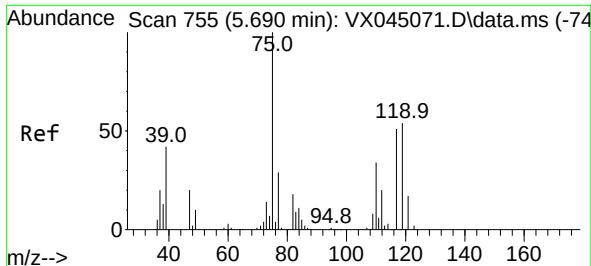
Tgt Ion:114 Resp: 124910
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 41.8
 88 16.6 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 54.239 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045400.D
 Acq: 21 Mar 2025 19:54

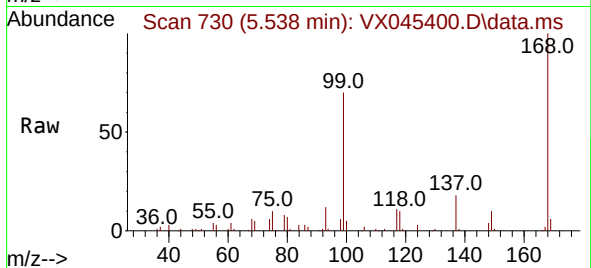
Tgt Ion:113 Resp: 45303
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.6
 192 17.2 14.3 21.5





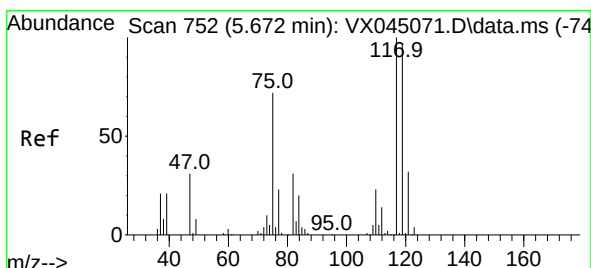
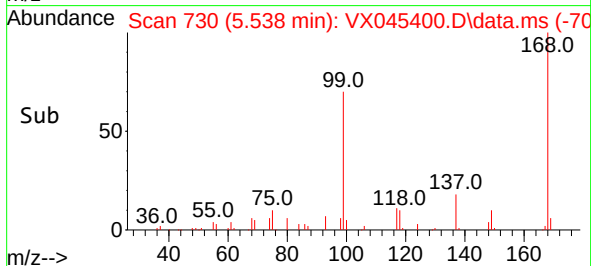
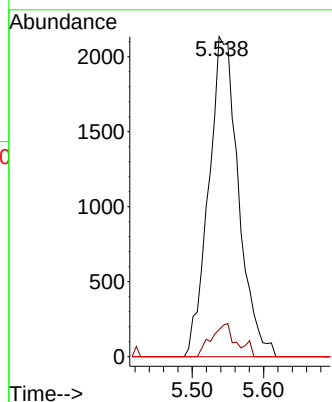
#36
 1,1-Dichloropropene
 Concen: 5.398 ug/l
 RT: 5.538 min Scan# 711
 Delta R.T. -0.152 min
 Lab File: VX045400.D
 Acq: 21 Mar 2025 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01S-20250317

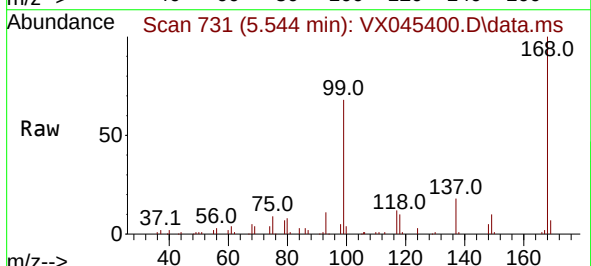


Tgt Ion: 75 Resp: 6183

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.9	50.6#
77	0.0	24.5	36.7#

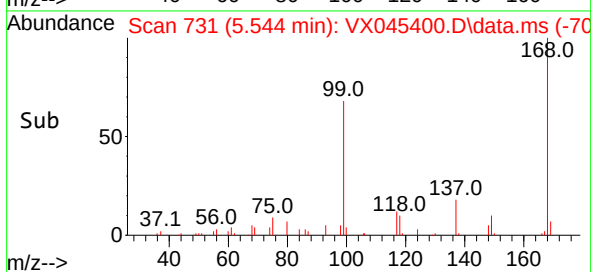
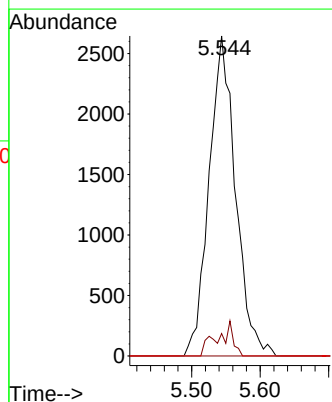


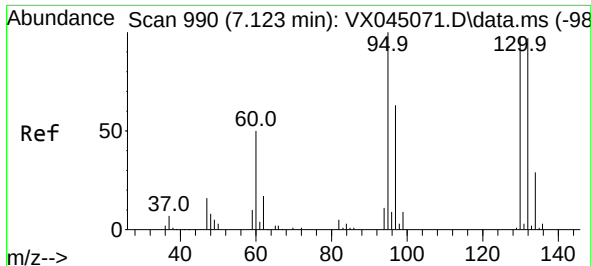
#38
 Carbon Tetrachloride
 Concen: 6.112 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX045400.D
 Acq: 21 Mar 2025 19:54



Tgt Ion: 117 Resp: 7108

Ion	Ratio	Lower	Upper
117	100		
119	7.0	76.7	115.1#
121	0.0	25.5	38.3#

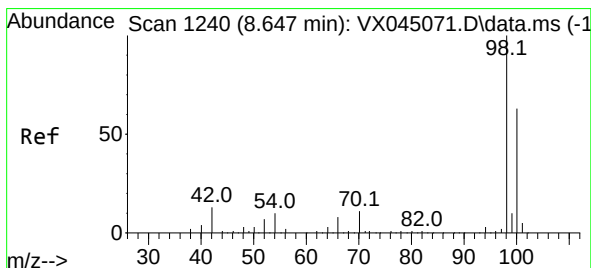
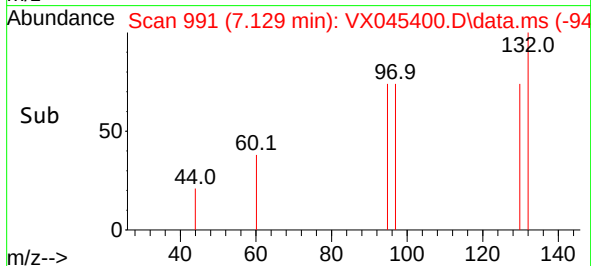
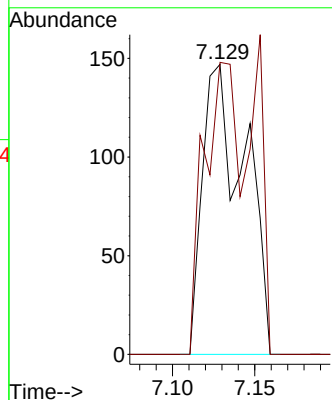
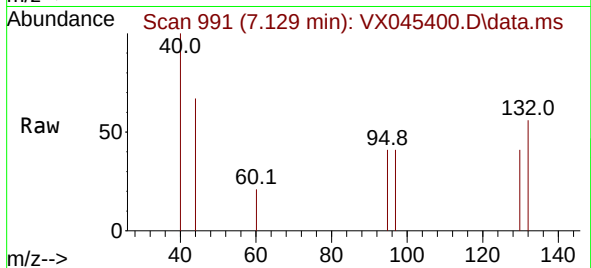




#44
Trichloroethene
Concen: 0.310 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

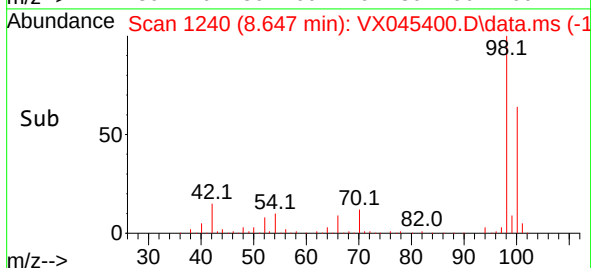
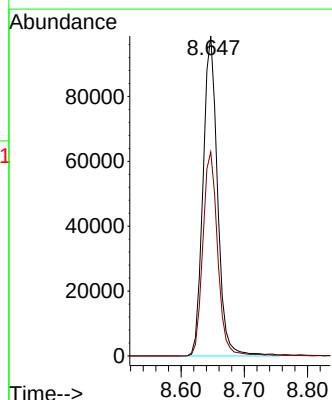
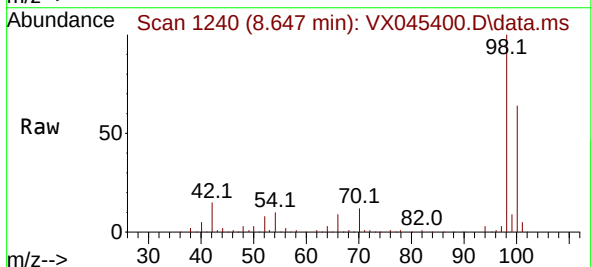
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250317

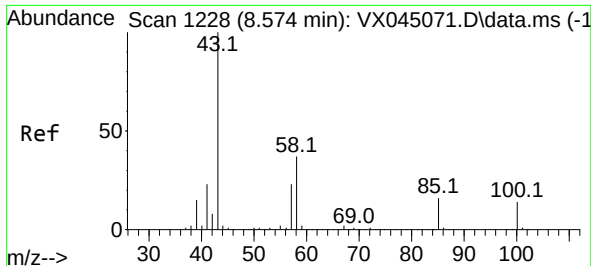
Tgt Ion:130 Resp: 263
Ion Ratio Lower Upper
130 100
95 100.7 0.0 205.0



#50
Toluene-d8
Concen: 52.155 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion: 98 Resp: 157928
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

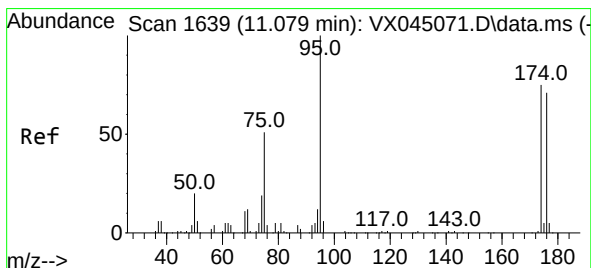
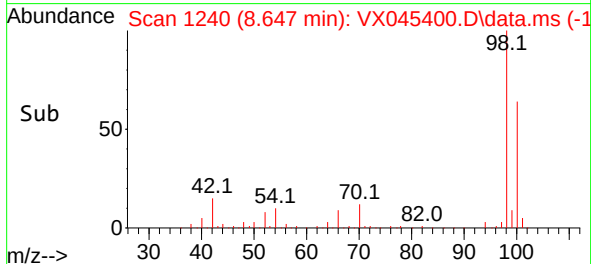
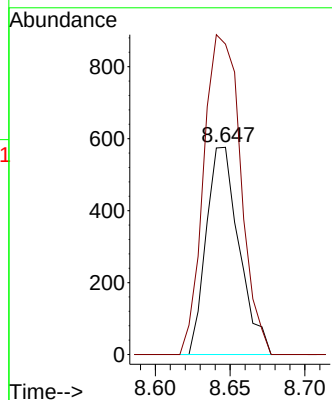
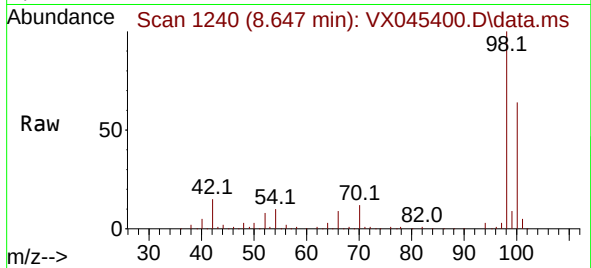




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

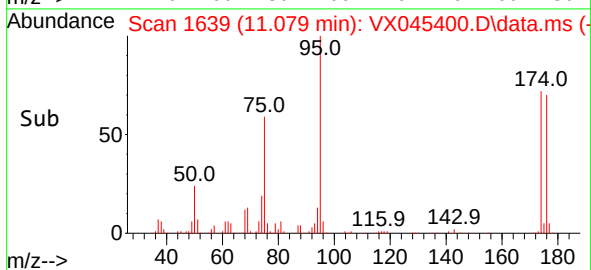
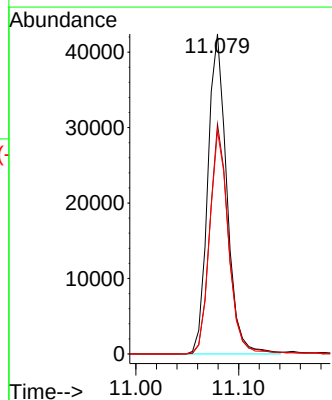
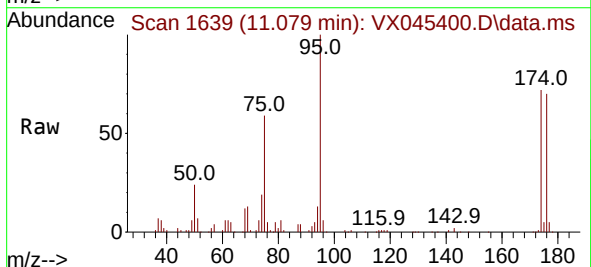
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250317

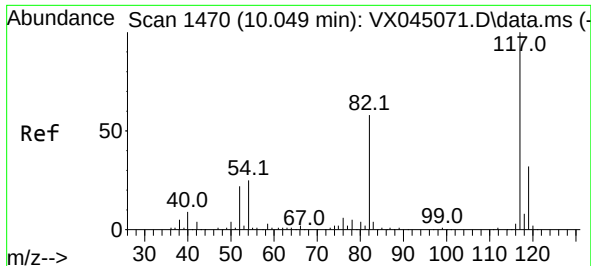
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 173.9 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion: 95 Resp: 54354
Ion Ratio Lower Upper
95 100
174 70.9 0.0 148.2
176 69.4 0.0 141.4

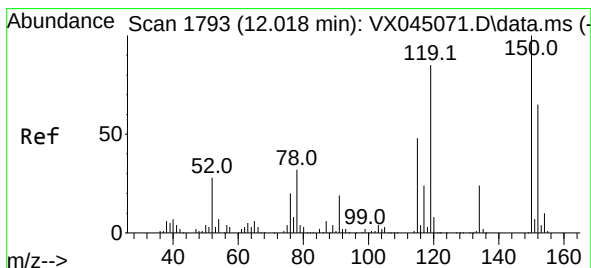
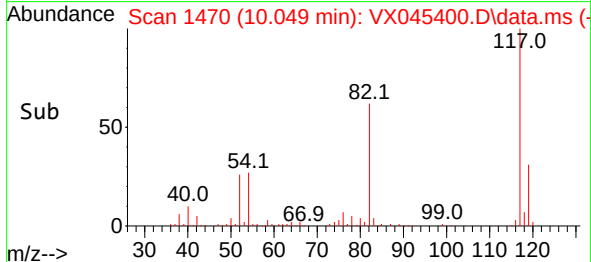
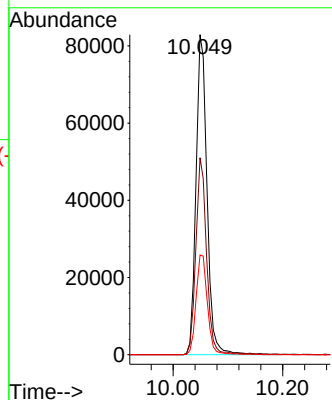
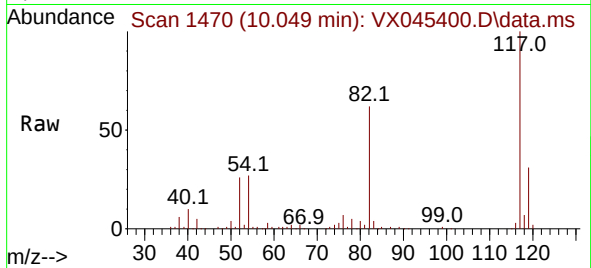




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

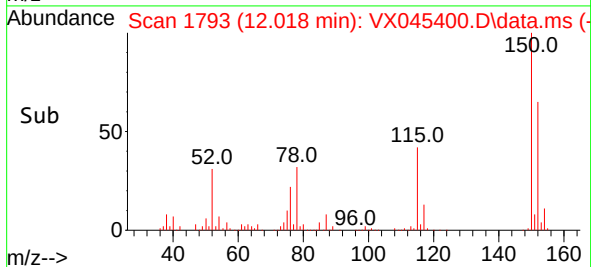
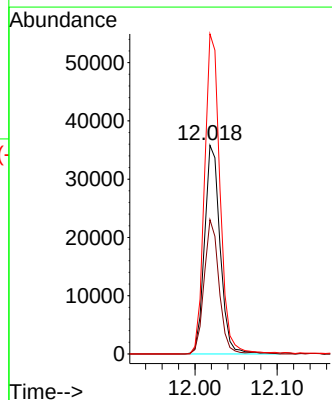
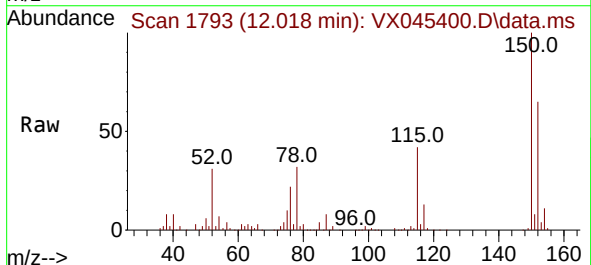
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250317

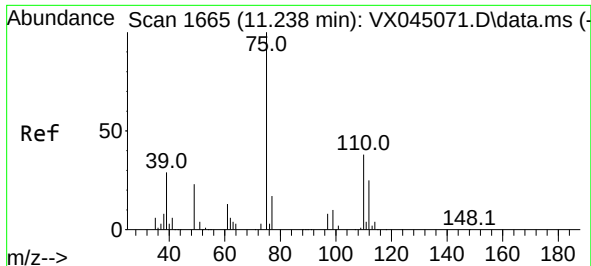
Tgt Ion:117 Resp: 116362
Ion Ratio Lower Upper
117 100
82 61.5 46.3 69.5
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion:152 Resp: 47301
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 152.6 0.0 349.0

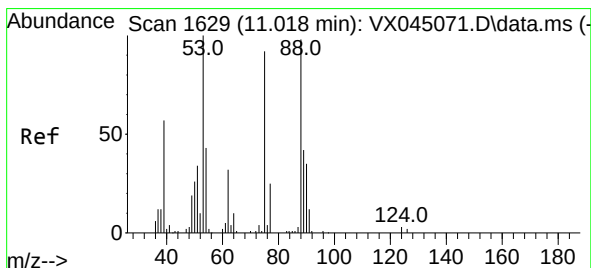
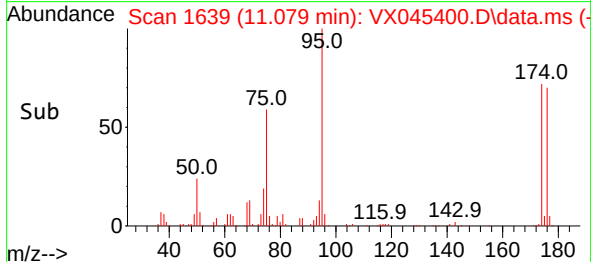
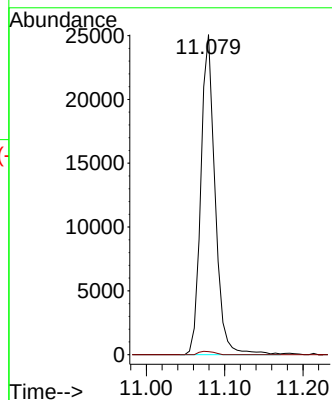
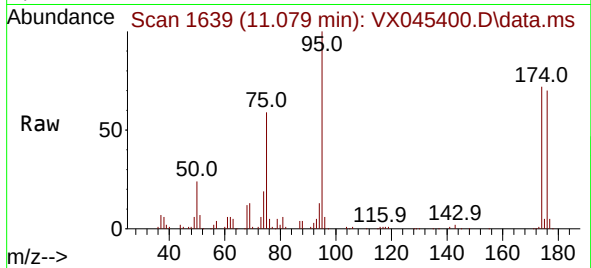




#76
1,2,3-Trichloropropane
Concen: 28.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01S-20250317

Tgt Ion: 75 Resp: 31771
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.758 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045400.D
Acq: 21 Mar 2025 19:54

Tgt Ion: 75 Resp: 31771
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

