

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045334.D
 Acq On : 18 Mar 2025 18:43
 Operator : JC/MD
 Sample : Q1576-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW14

Quant Time: Mar 19 01:49:16 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)

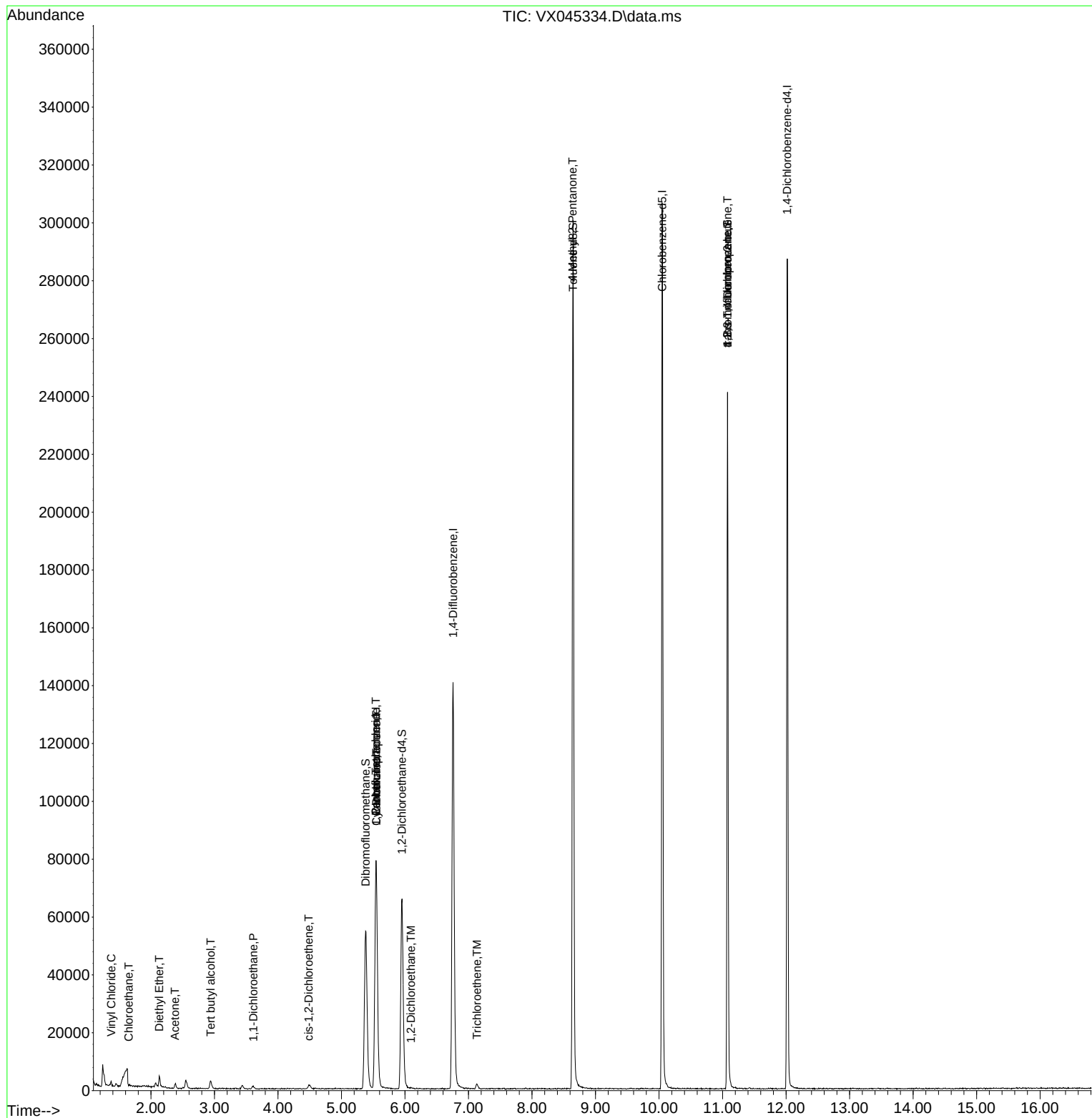
Internal Standards						
1) Pentafluorobenzene	5.544	168	70033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63738	57.217	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.440%	
35) Dibromofluoromethane	5.379	113	47622	51.784	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	8.647	98	171547	51.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	11.079	95	61548	55.710	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.420%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	525	0.491	ug/l #	72
6) Chloroethane	1.648	64	142	0.288	ug/l #	41
8) Diethyl Ether	2.130	74	818	1.476	ug/l	50
11) Tert butyl alcohol	2.940	59	1699	8.052	ug/l #	73
16) Acetone	2.379	43	1951	3.775	ug/l	96
24) 1,1-Dichloroethane	3.611	63	1375	0.788	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	826	0.787	ug/l	85
31) Cyclohexane	5.550	56	1955	1.290	ug/l #	30
36) 1,1-Dichloropropene	5.550	75	6601	5.234	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7935	6.197	ug/l #	17
42) 1,2-Dichloroethane	6.092	62	348	0.243	ug/l #	75
44) Trichloroethene	7.135	130	860	0.920	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	947	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35332	27.984	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	35332	95.766	ug/l #	6

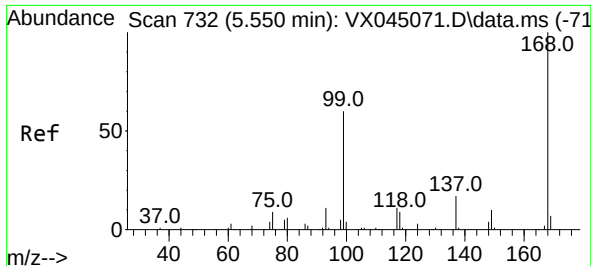
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
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Quant Time: Mar 19 01:49:16 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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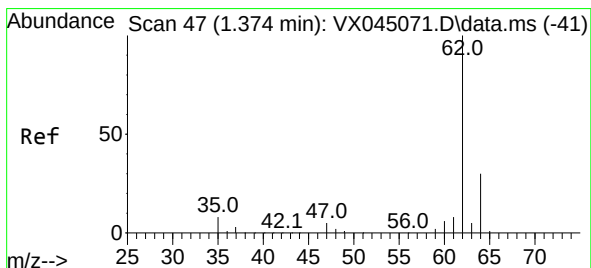
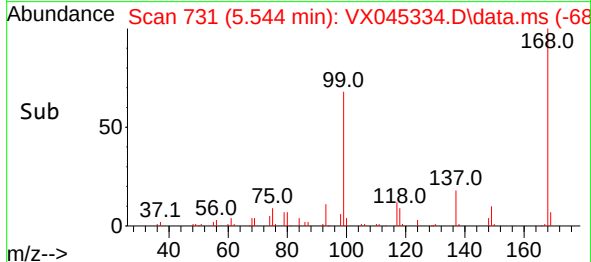
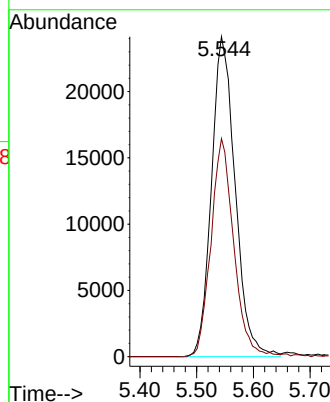
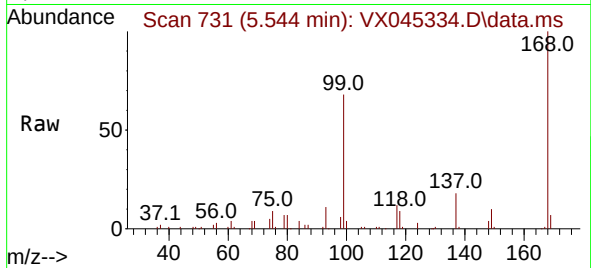




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

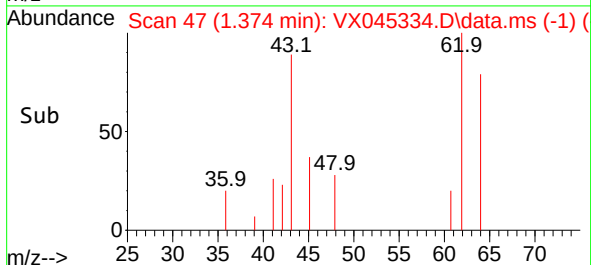
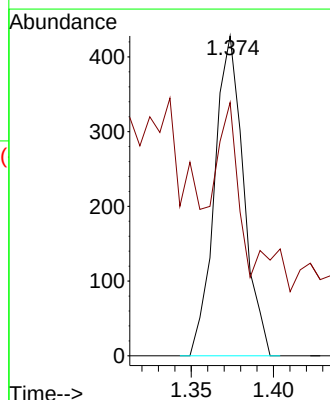
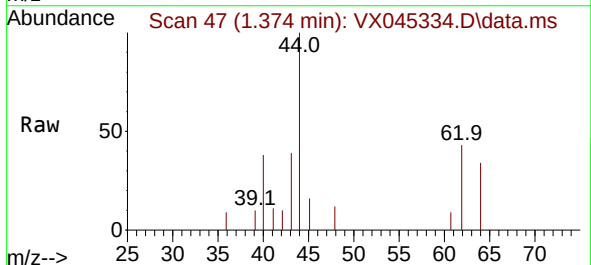
Instrument :
MSVOA_X
ClientSampleId :
MW14

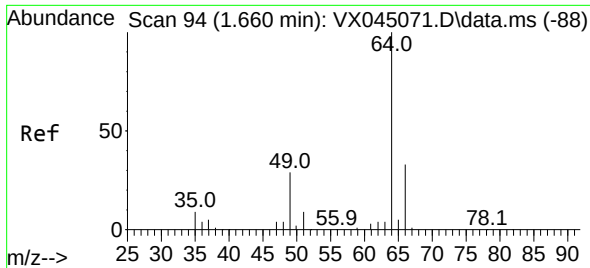
Tgt Ion:168 Resp: 70033
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.4



#4
Vinyl Chloride
Concen: 0.491 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 62 Resp: 525
Ion Ratio Lower Upper
62 100
64 45.8 24.3 36.5#

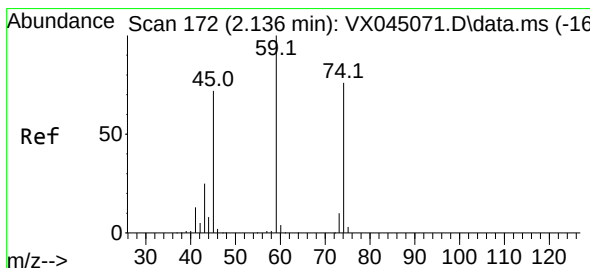
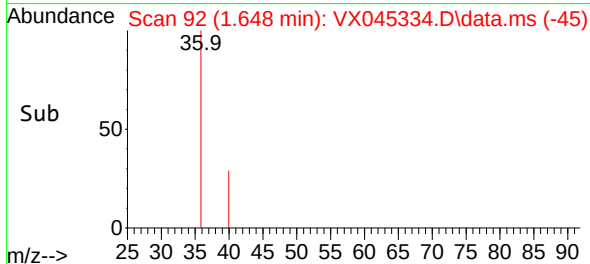
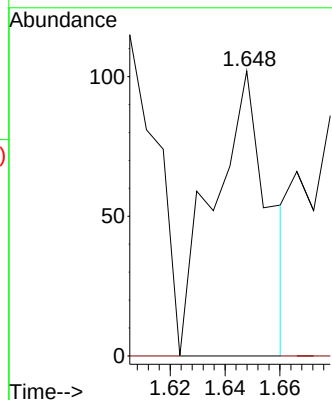
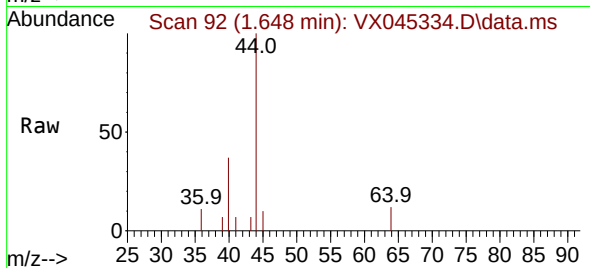




#6
Chloroethane
Concen: 0.288 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

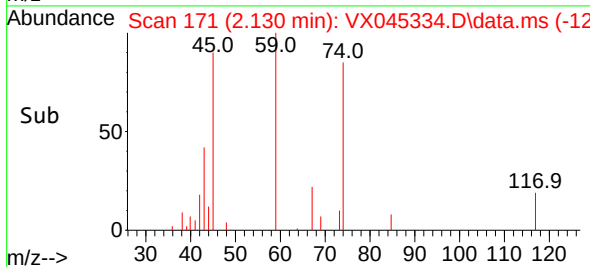
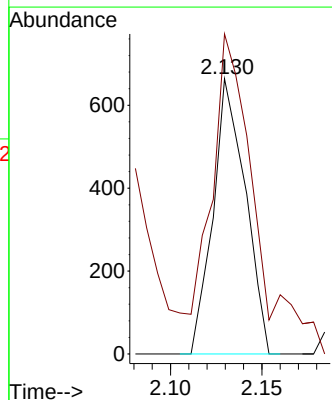
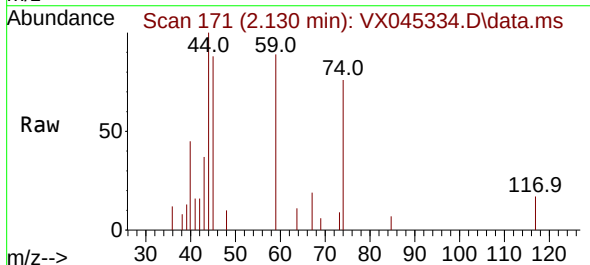
Instrument :
MSVOA_X
ClientSampleId :
MW14

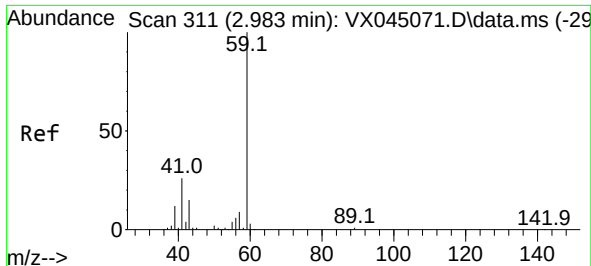
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#8
Diethyl Ether
Concen: 1.476 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 74 Resp: 818
Ion Ratio Lower Upper
74 100
45 153.4 51.5 154.5

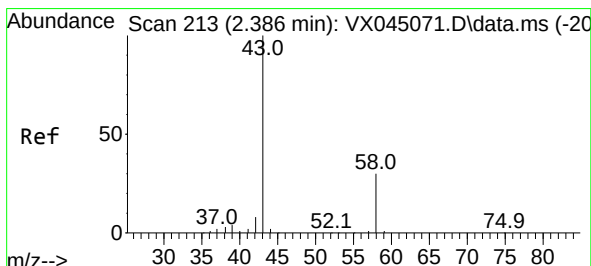
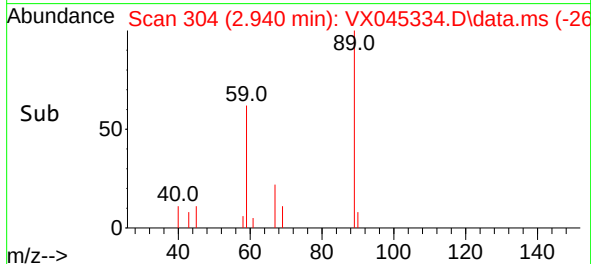
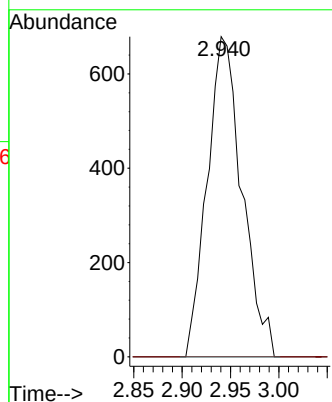
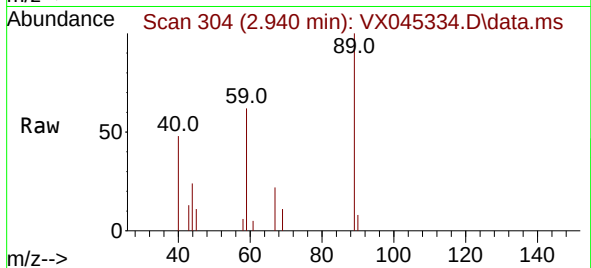




#11
Tert butyl alcohol
Concen: 8.052 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

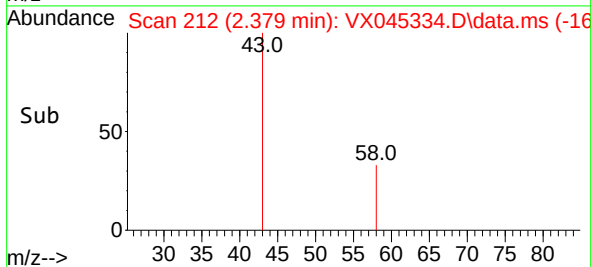
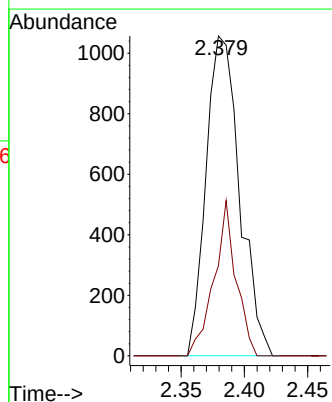
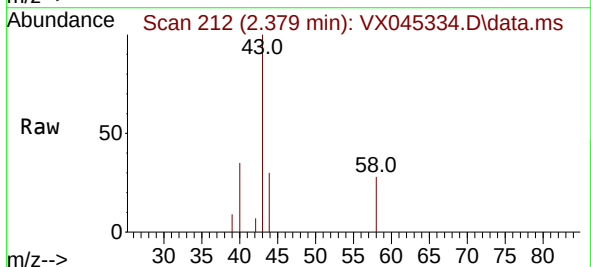
Instrument :
MSVOA_X
ClientSampleId :
MW14

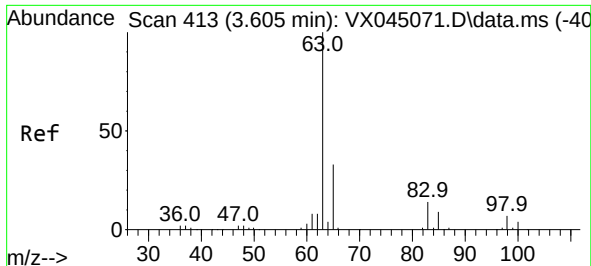
Tgt Ion: 59 Resp: 1699
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.775 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 43 Resp: 1951
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4

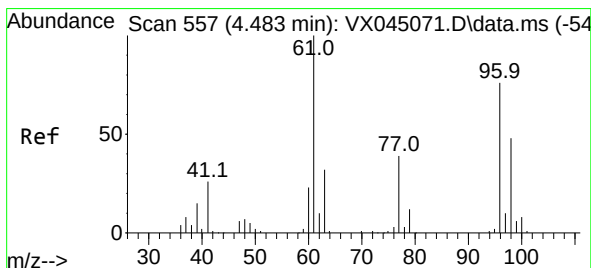
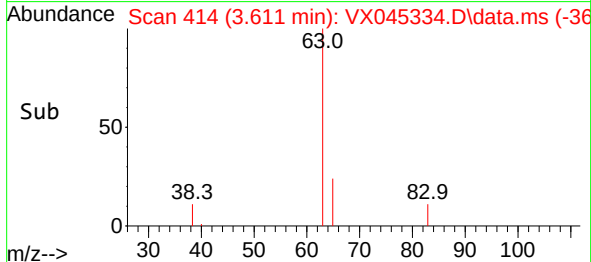
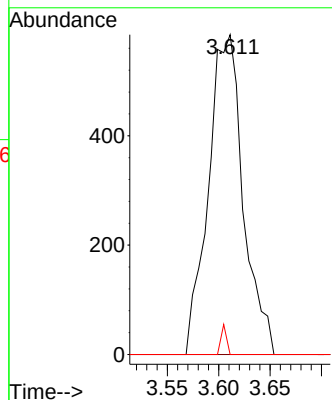
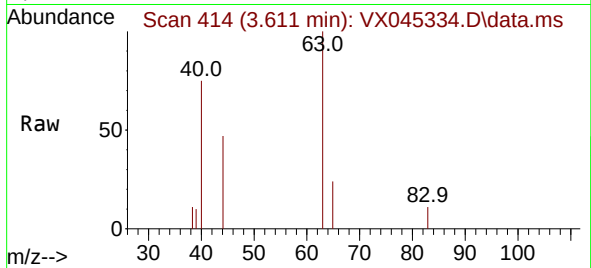




#24
1,1-Dichloroethane
Concen: 0.788 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

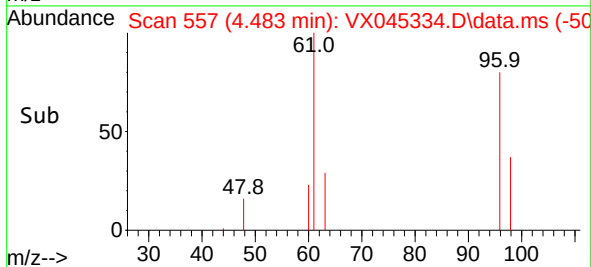
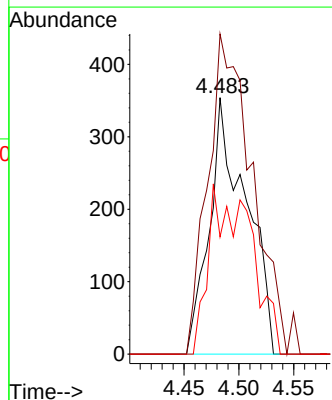
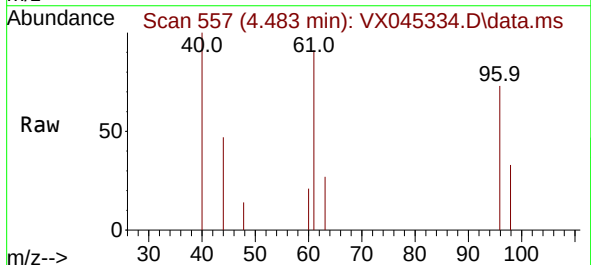
Instrument :
MSVOA_X
ClientSampleId :
MW14

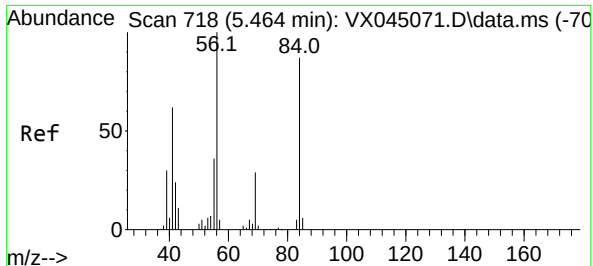
Tgt Ion: 63 Resp: 1375
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.1 6.5#



#27
cis-1,2-Dichloroethene
Concen: 0.787 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 96 Resp: 826
Ion Ratio Lower Upper
96 100
61 152.1 0.0 283.2
98 40.9 0.0 128.0

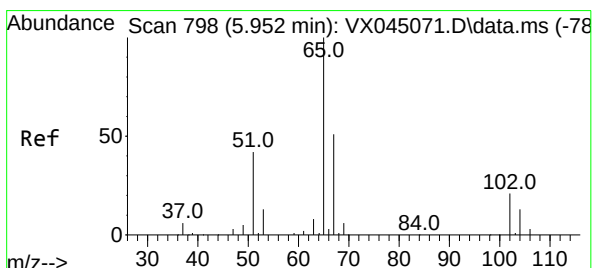
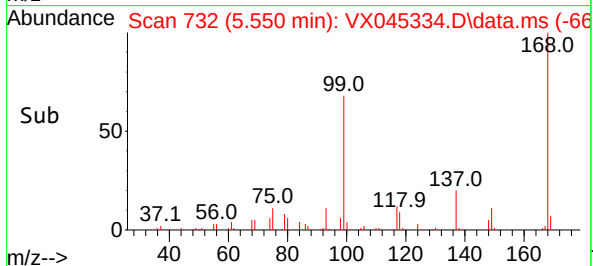
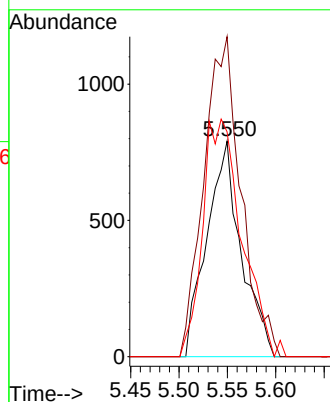
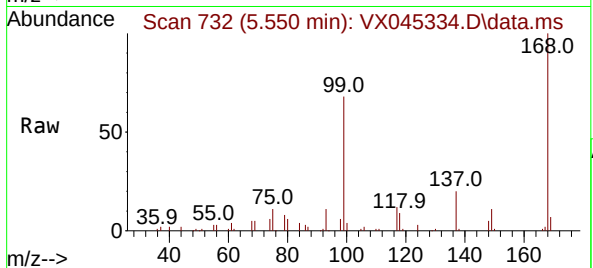




#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

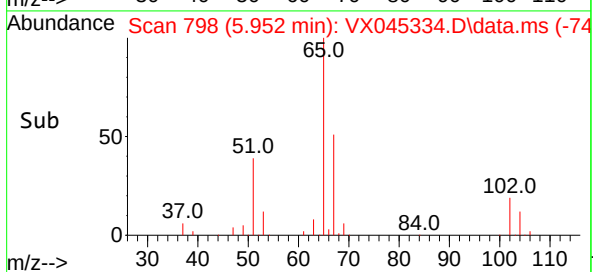
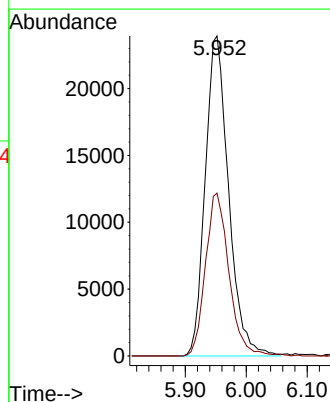
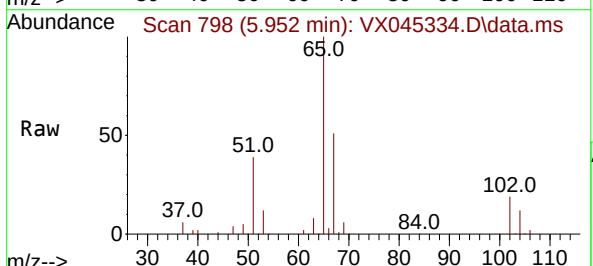
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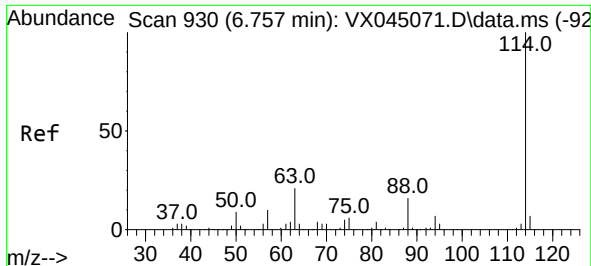
Tgt Ion: 56 Resp: 1955
Ion Ratio Lower Upper
56 100
69 148.4 23.4 35.2#
84 104.3 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 57.217 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 65 Resp: 63738
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.2

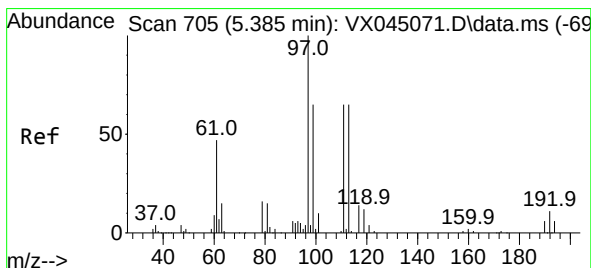
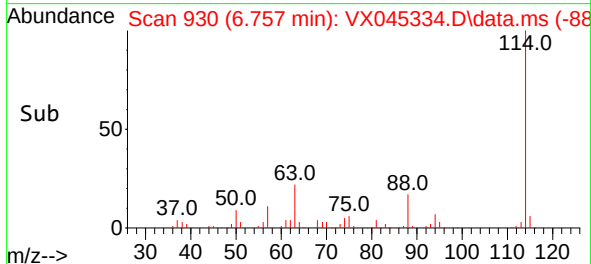
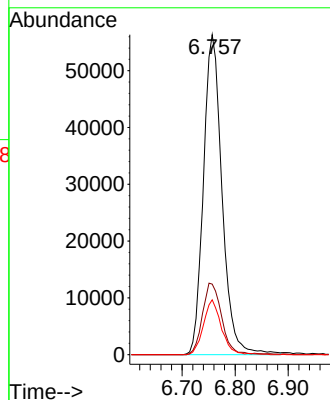
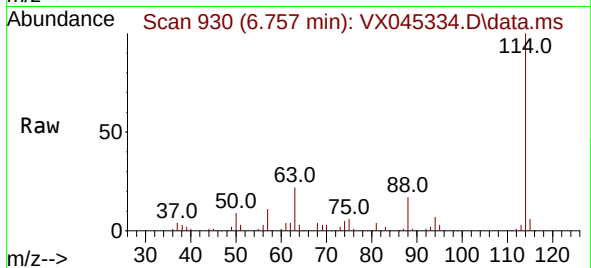




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

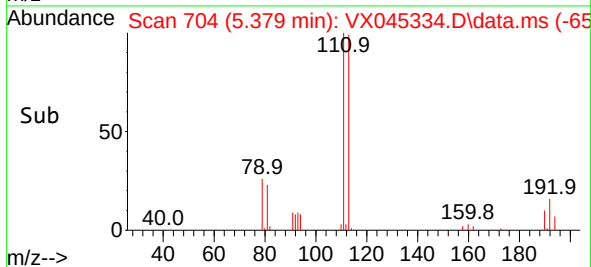
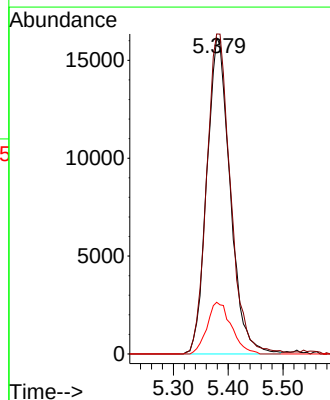
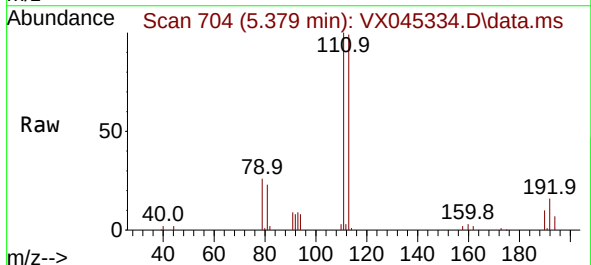
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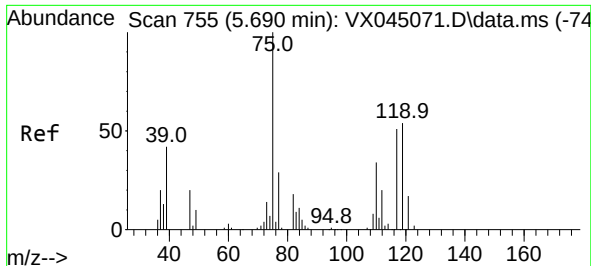
Tgt Ion:114 Resp: 137531
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:113 Resp: 47622
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.6
192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.234 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045334.D

Acq: 18 Mar 2025 18:43

Instrument :

MSVOA_X

ClientSampleId :

MW14

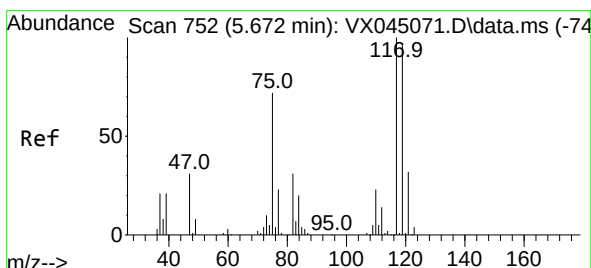
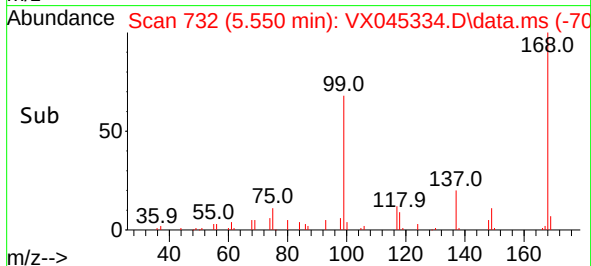
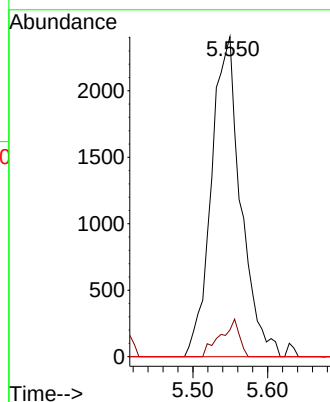
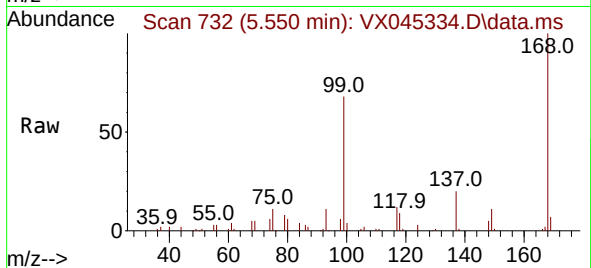
Tgt Ion: 75 Resp: 6601

Ion Ratio Lower Upper

75 100

110 7.5 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.197 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045334.D

Acq: 18 Mar 2025 18:43

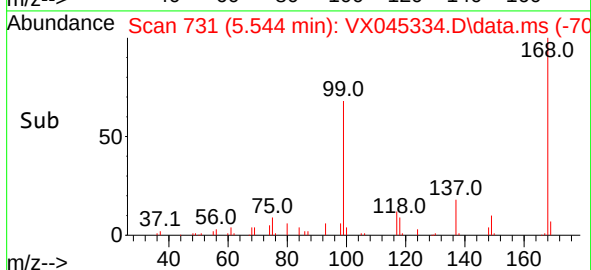
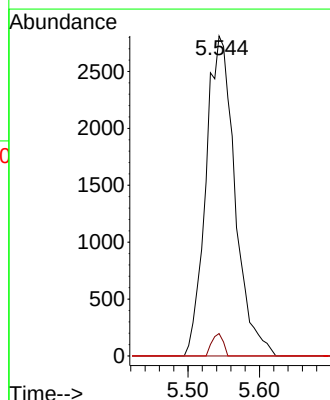
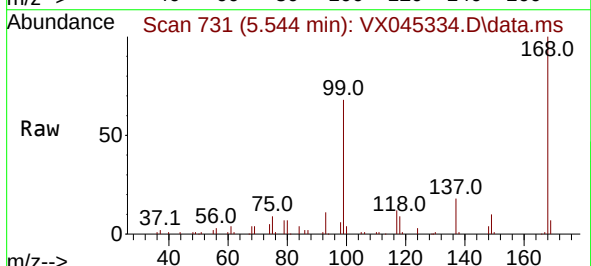
Tgt Ion: 117 Resp: 7935

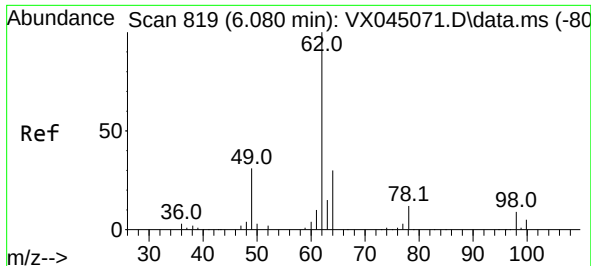
Ion Ratio Lower Upper

117 100

119 7.0 76.7 115.1#

121 0.0 25.5 38.3#

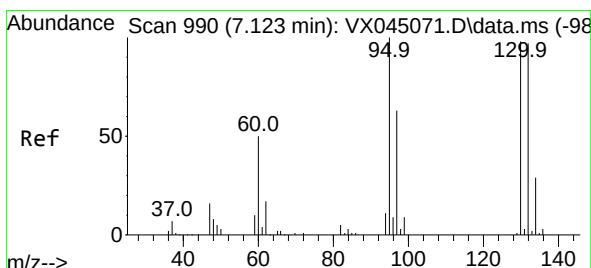
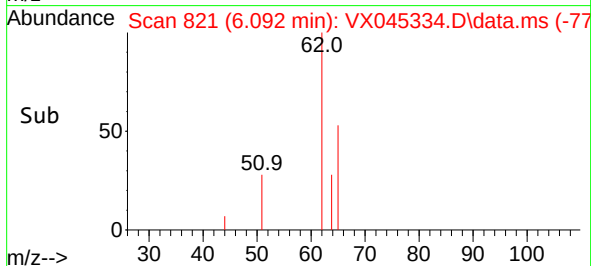
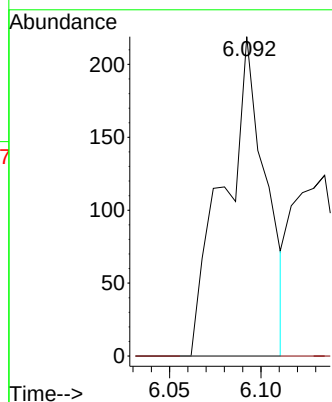
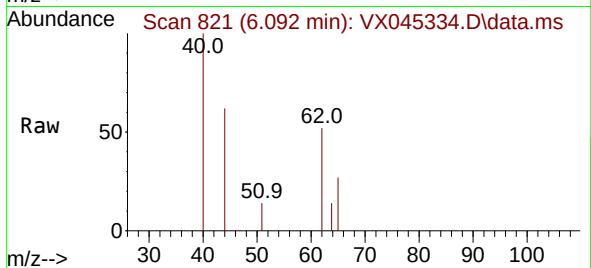




#42
1,2-Dichloroethane
Concen: 0.243 ug/l
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

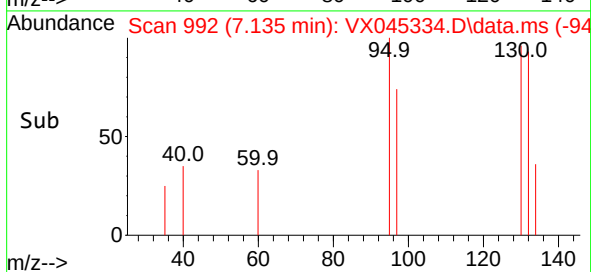
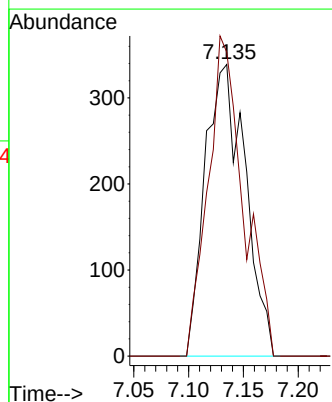
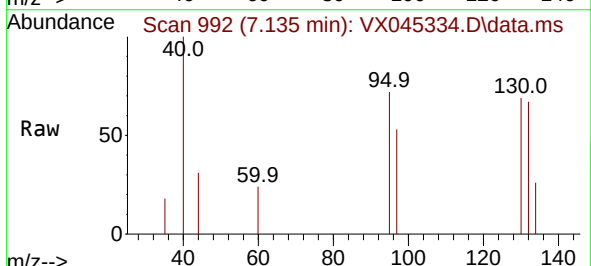
Instrument :
MSVOA_X
ClientSampleId :
MW14

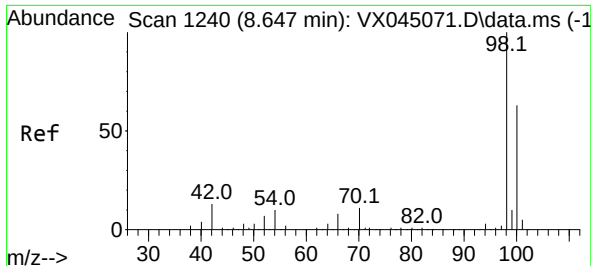
Tgt Ion: 62 Resp: 348
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



#44
Trichloroethene
Concen: 0.920 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:130 Resp: 860
Ion Ratio Lower Upper
130 100
95 104.1 0.0 205.0

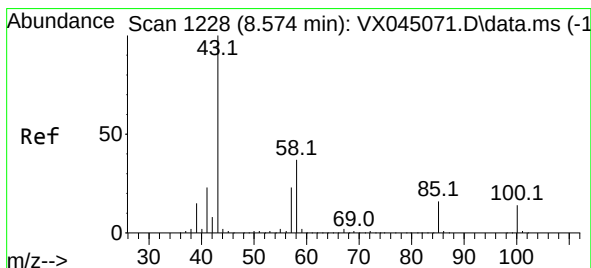
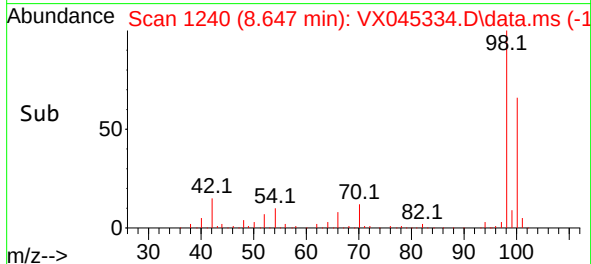
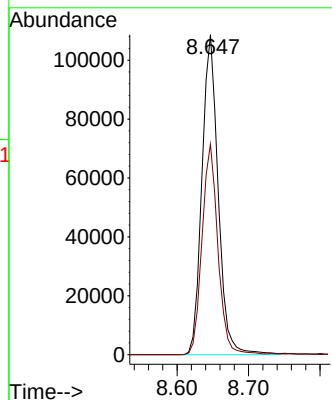
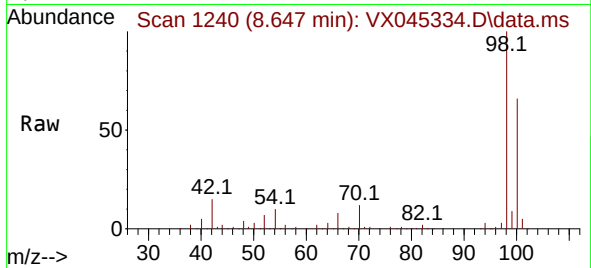




#50
Toluene-d8
Concen: 51.454 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

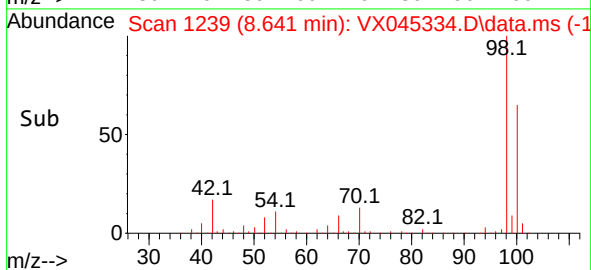
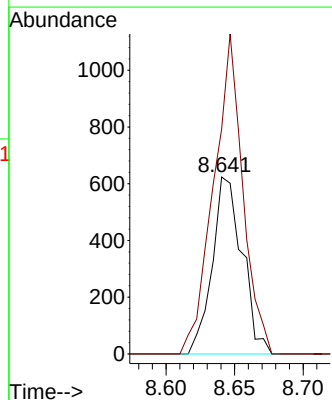
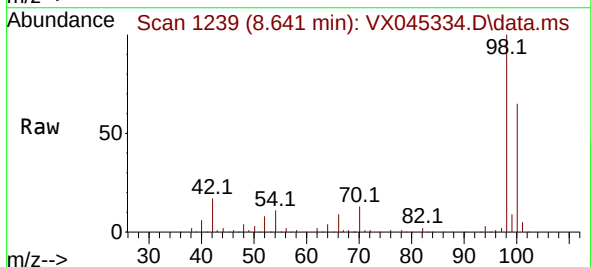
Instrument :
MSVOA_X
ClientSampleId :
MW14

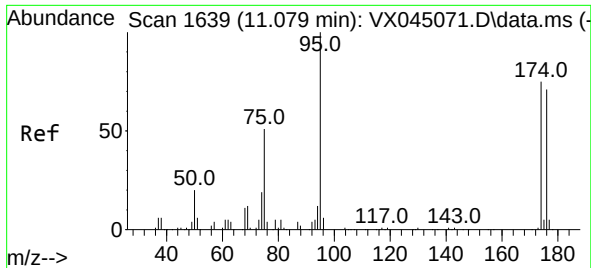
Tgt Ion: 98 Resp: 171547
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 176.5 29.2 43.8#

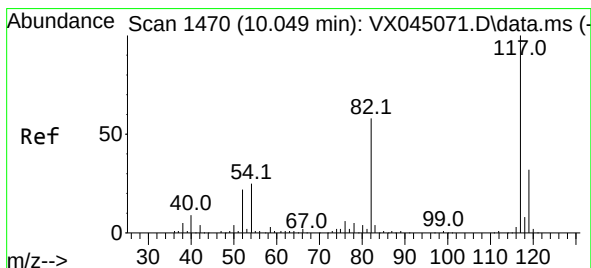
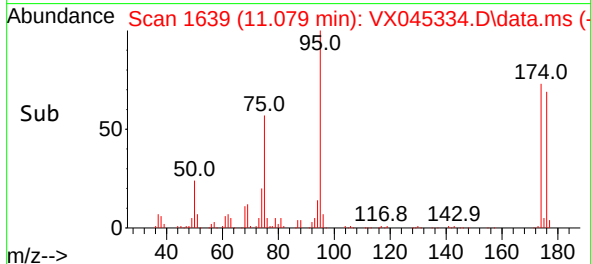
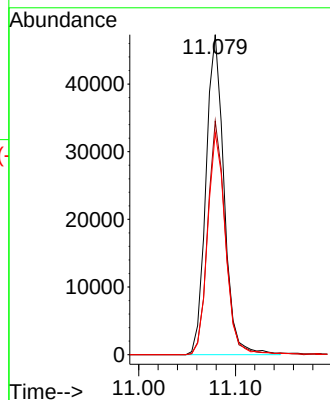
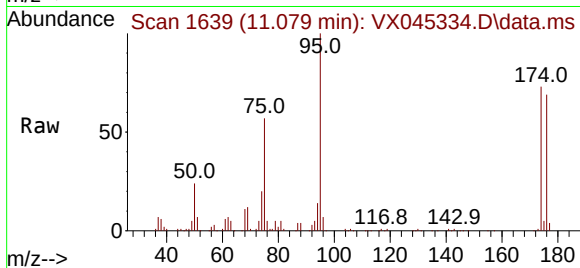




#62
4-Bromofluorobenzene
Concen: 55.710 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

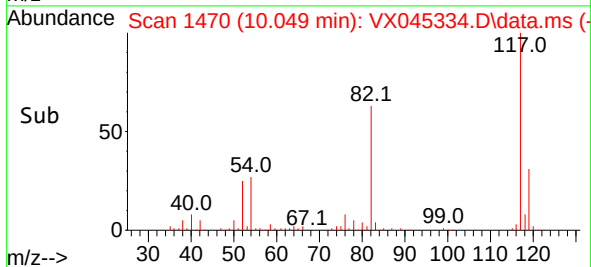
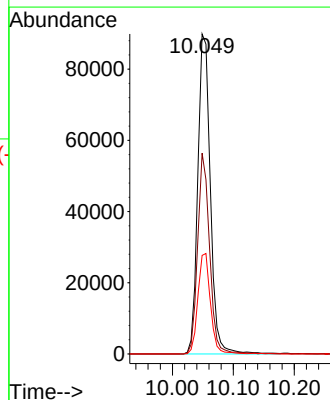
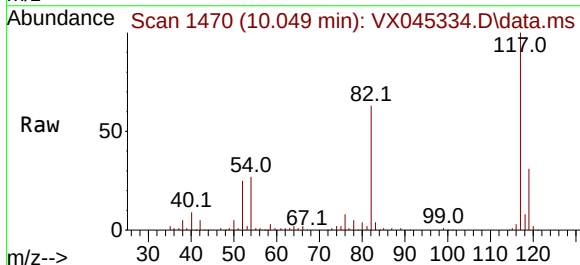
Instrument :
MSVOA_X
ClientSampleId :
MW14

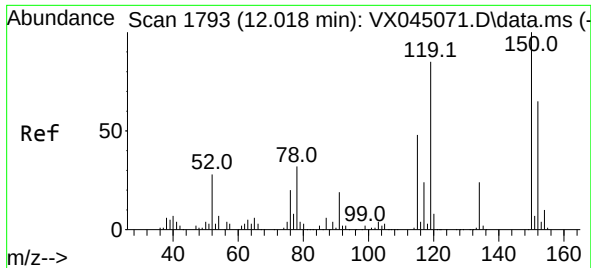
Tgt Ion: 95 Resp: 61548
Ion Ratio Lower Upper
95 100
174 71.3 0.0 148.2
176 69.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 117 Resp: 128480
Ion Ratio Lower Upper
117 100
82 62.8 46.3 69.5
119 30.8 25.7 38.5

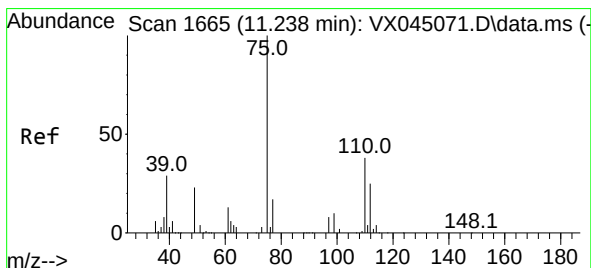
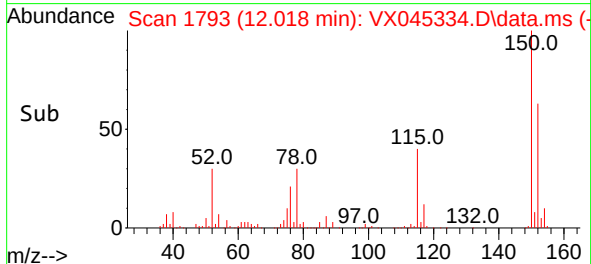
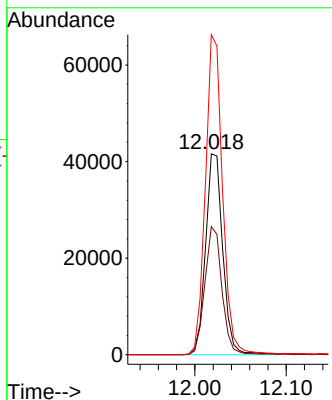
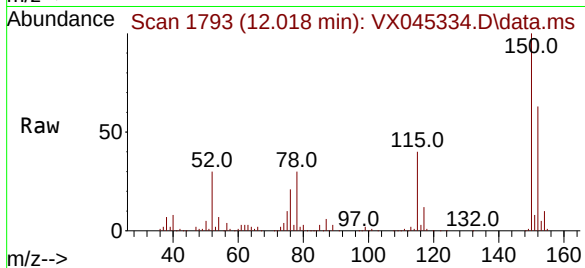




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX045334.D
 Acq: 18 Mar 2025 18:43

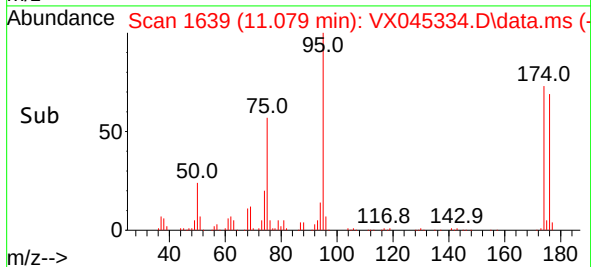
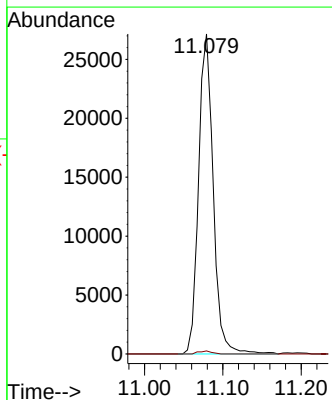
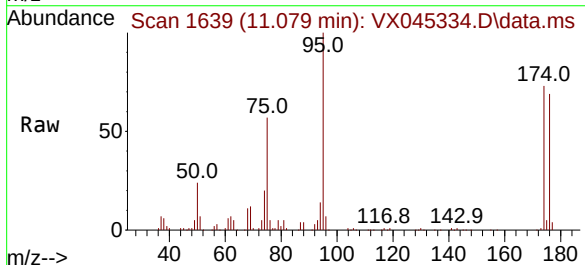
Instrument :
 MSVOA_X
 ClientSampleId :
 MW14

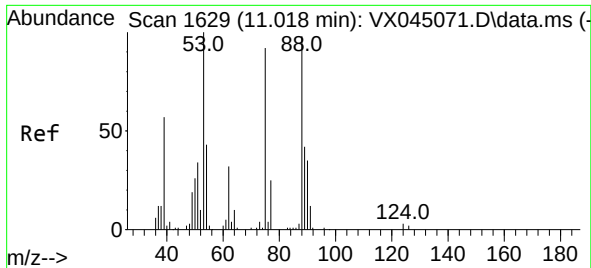
Tgt Ion:152 Resp: 54246
 Ion Ratio Lower Upper
 152 100
 115 63.6 44.2 132.6
 150 159.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.984 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045334.D
 Acq: 18 Mar 2025 18:43

Tgt Ion: 75 Resp: 35332
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.766 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045334.D
 Acq: 18 Mar 2025 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MW14

Tgt Ion: 75 Resp: 35332
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

