

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045220.D
 Acq On : 11 Mar 2025 13:36
 Operator : JC/MD
 Sample : Q1500-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20250305DL

Quant Time: Mar 12 01:48:14 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)

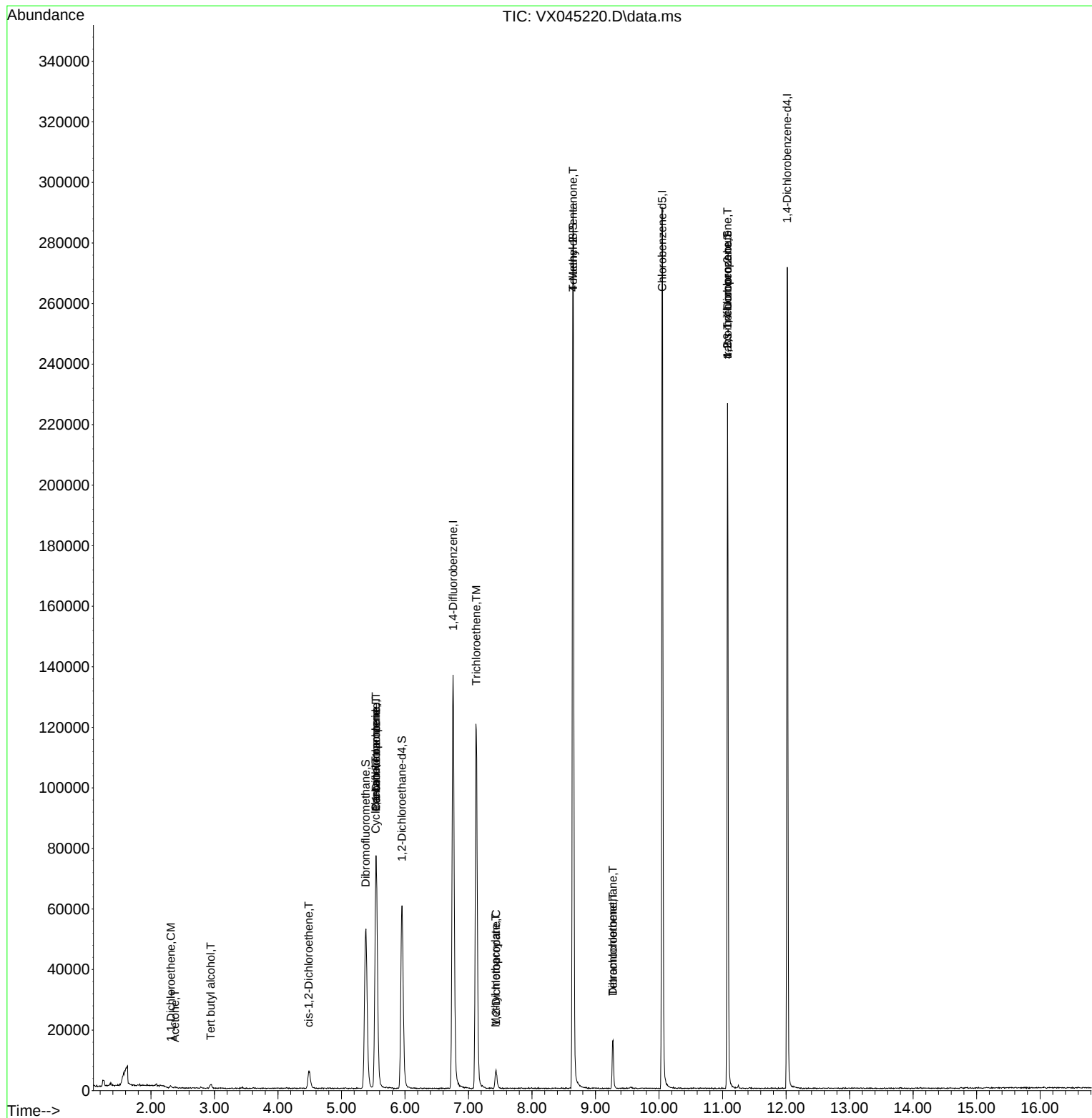
Internal Standards						
1) Pentafluorobenzene	5.544	168	68963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58212	53.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.140%			
35) Dibromofluoromethane	5.379	113	46412	51.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	8.647	98	169965	51.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	11.079	95	57299	52.578	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.940	59	819	3.942	ug/l #	73
12) 1,1-Dichloroethene	2.312	96	288	0.340	ug/l #	43
16) Acetone	2.380	43	389	0.764	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	3795	3.672	ug/l	97
31) Cyclohexane	5.537	56	1831	1.227	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	6483	5.211	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7480	5.922	ug/l #	14
44) Trichloroethene	7.123	130	45855	49.711	ug/l	100
45) 1,2-Dichloropropane	7.434	63	2537	2.512	ug/l	92
48) Methyl methacrylate	7.427	41	1660	1.396	ug/l #	42
51) 4-Methyl-2-Pentanone	8.647	43	895	0.562	ug/l #	1
60) Dibromochloromethane	9.275	129	3077	3.101	ug/l #	11
64) Tetrachloroethene	9.275	164	3048	3.772	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	32376	27.064	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32376	92.618	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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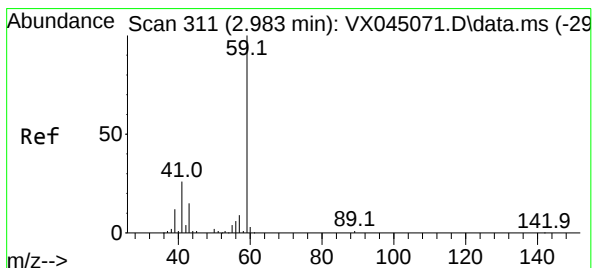
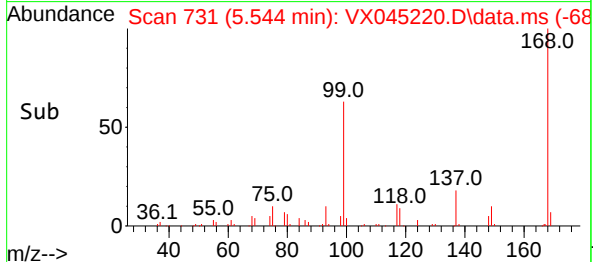
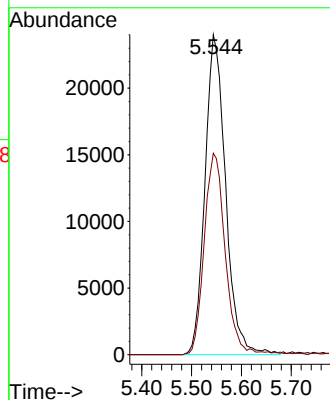
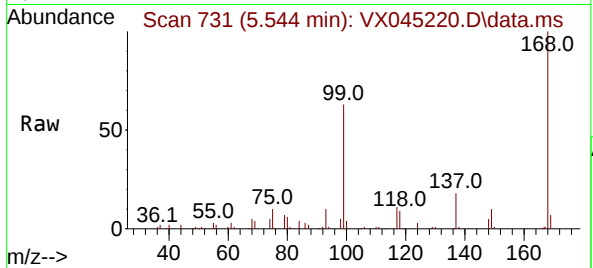




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

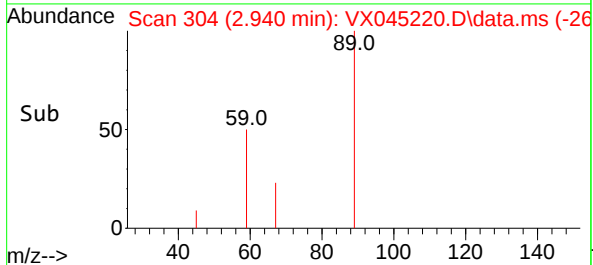
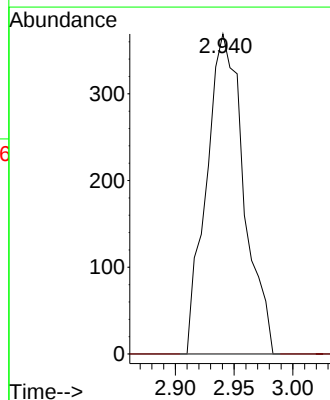
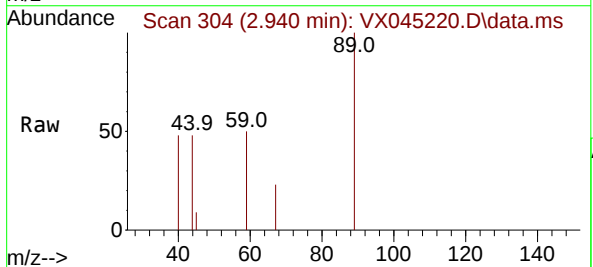
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20250305DL

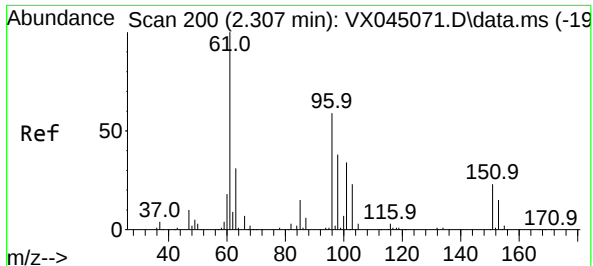
Tgt Ion:168 Resp: 68963
Ion Ratio Lower Upper
168 100
99 62.9 48.2 72.4



#11
Tert butyl alcohol
Concen: 3.942 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Tgt Ion: 59 Resp: 819
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.340 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045220.D

Acq: 11 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

MW17811-20250305DL

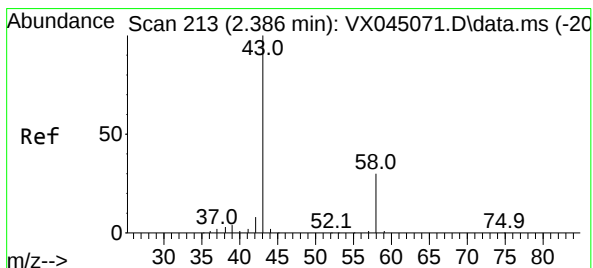
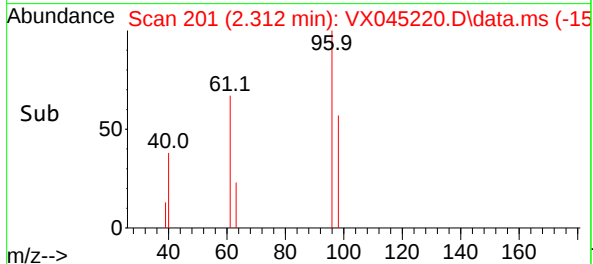
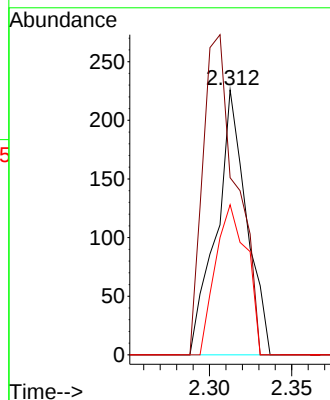
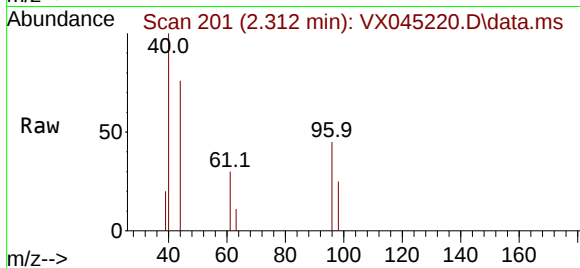
Tgt Ion: 96 Resp: 288

Ion Ratio Lower Upper

96 100

61 66.8 134.6 202.0#

98 56.6 51.0 76.6



#16

Acetone

Concen: 0.764 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045220.D

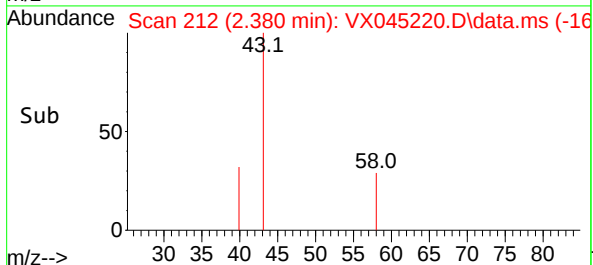
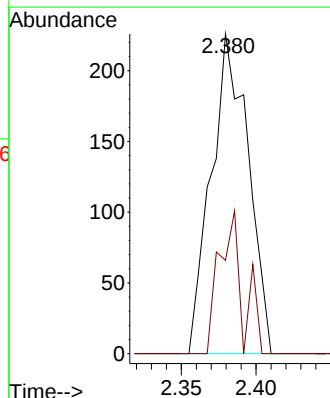
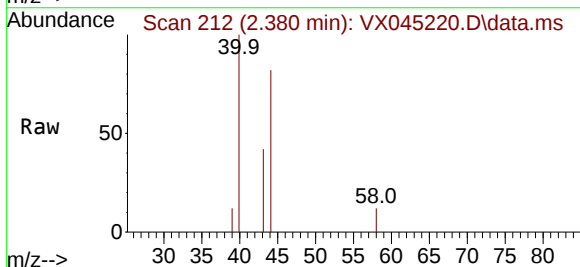
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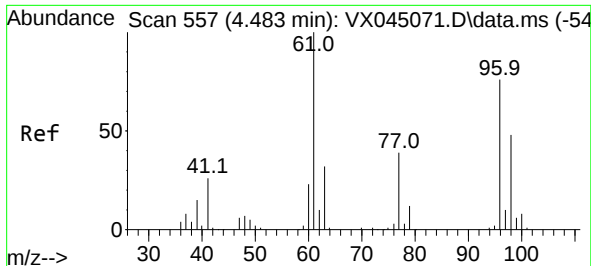
Tgt Ion: 43 Resp: 389

Ion Ratio Lower Upper

43 100

58 29.2 24.2 36.4

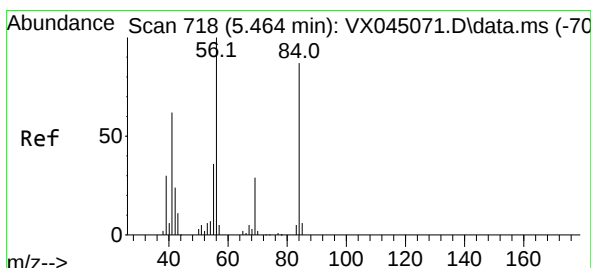
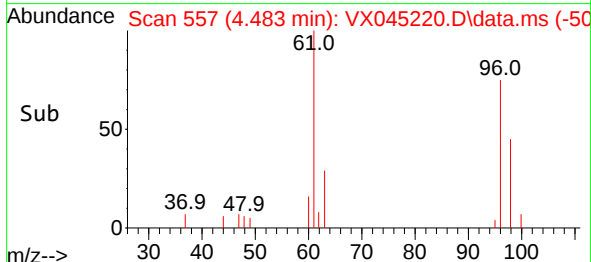
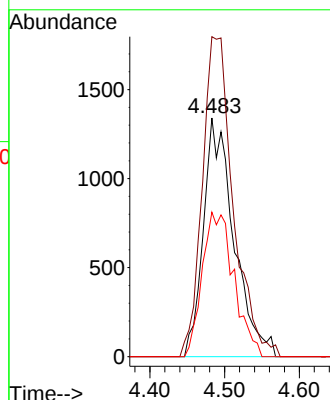
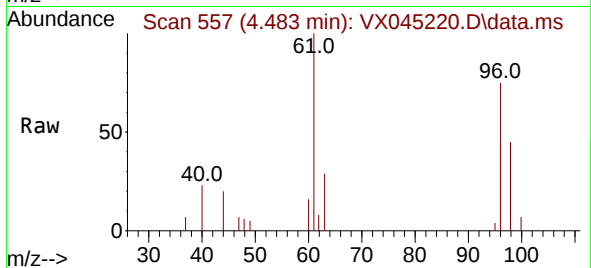




#27
 cis-1,2-Dichloroethene
 Concen: 3.672 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045220.D
 Acq: 11 Mar 2025 13:36

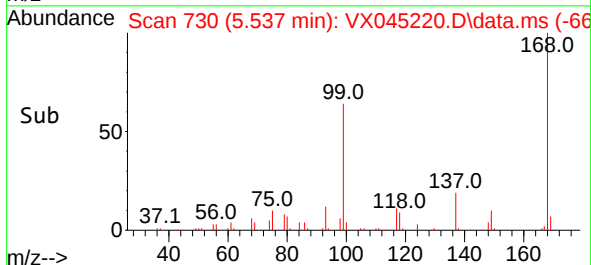
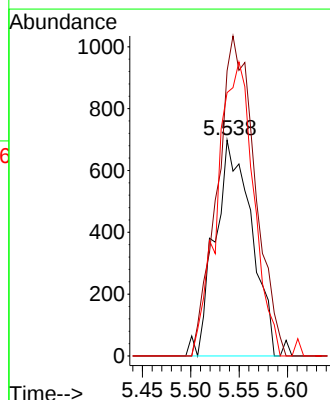
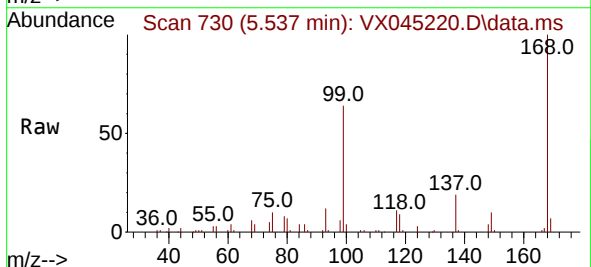
Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20250305DL

Tgt Ion:	96	Resp:	3795
Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	283.2
98	62.7	0.0	128.0



#31
 Cyclohexane
 Concen: 1.227 ug/l
 RT: 5.537 min Scan# 730
 Delta R.T. 0.073 min
 Lab File: VX045220.D
 Acq: 11 Mar 2025 13:36

Tgt Ion:	56	Resp:	1831
Ion	Ratio	Lower	Upper
56	100		
69	132.1	23.4	35.2#
84	122.1	69.4	104.2#

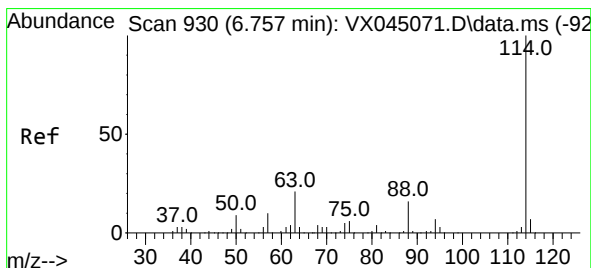
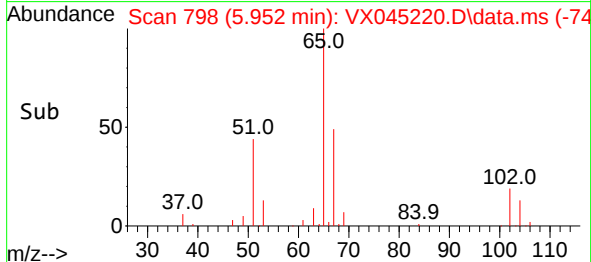
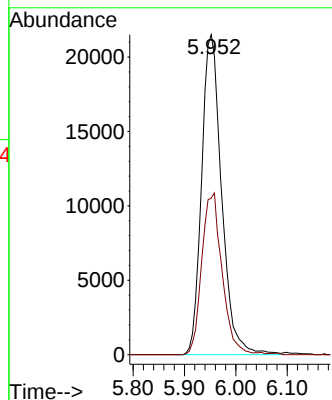
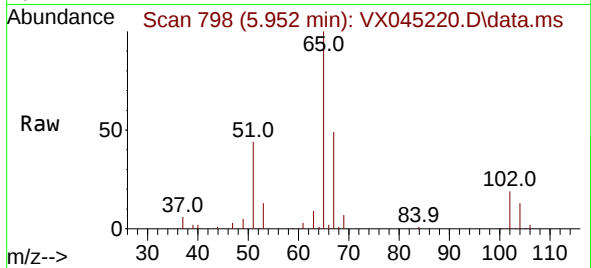




#33
 1,2-Dichloroethane-d4
 Concen: 53.067 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045220.D
 Acq: 11 Mar 2025 13:36

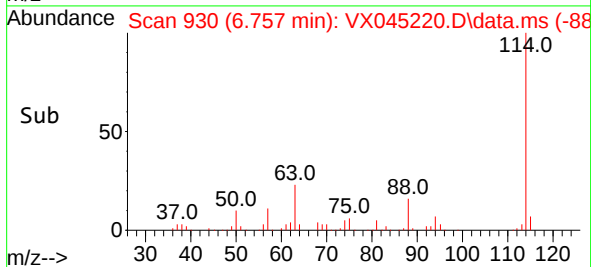
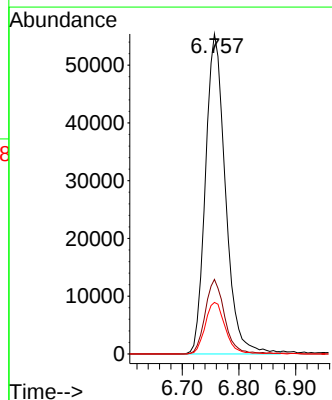
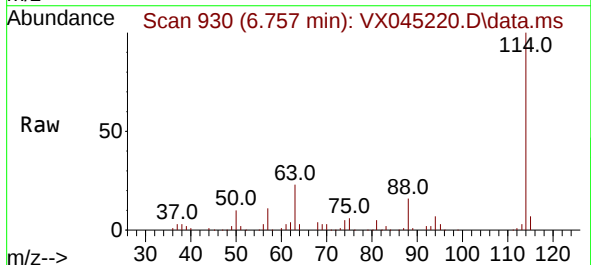
Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20250305DL

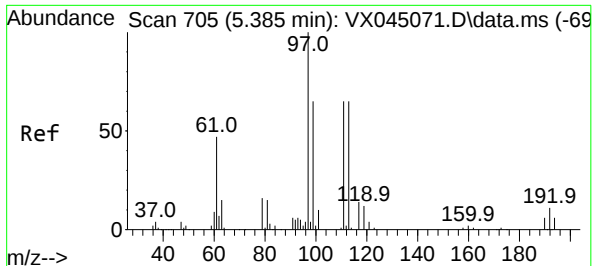
Tgt Ion: 65 Resp: 58212
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045220.D
 Acq: 11 Mar 2025 13:36

Tgt Ion: 114 Resp: 135664
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 41.8
 88 16.1 0.0 32.8

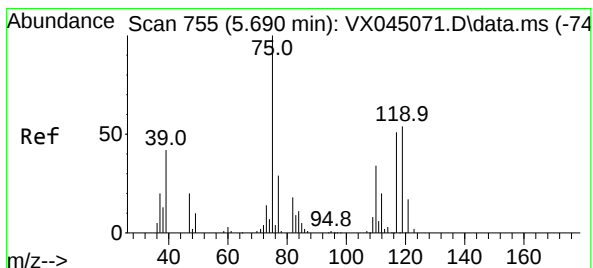
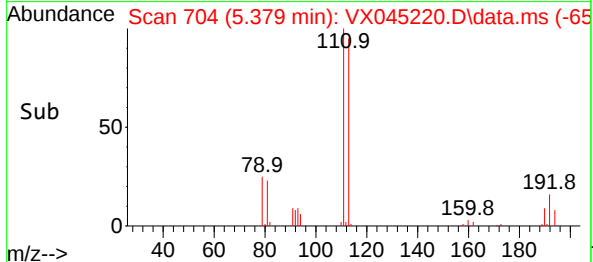
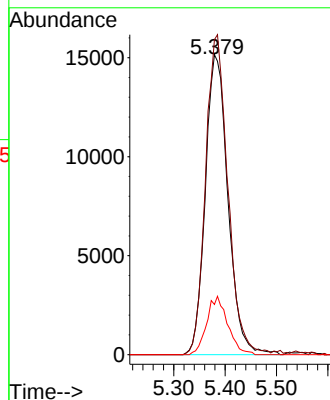
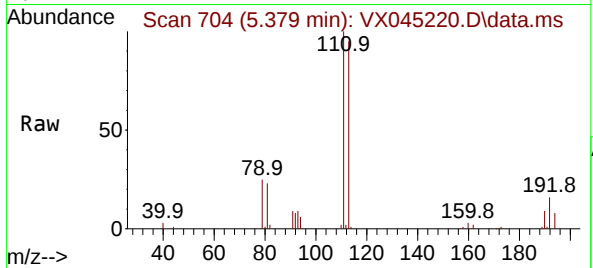




#35
Dibromofluoromethane
Concen: 51.162 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

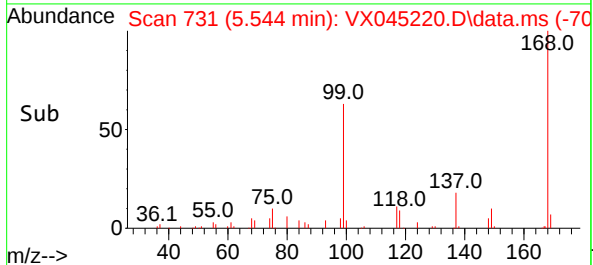
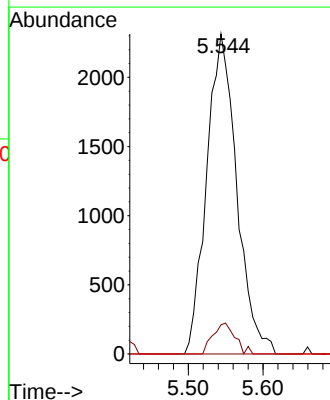
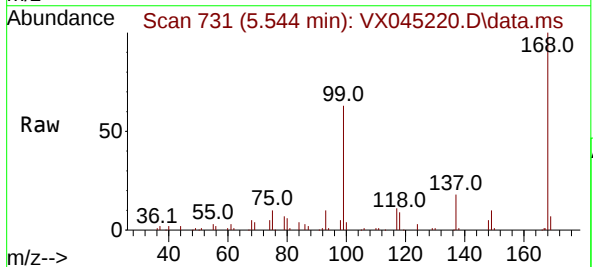
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ClientSampleId :
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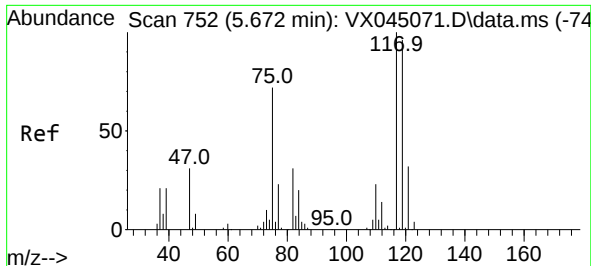
Tgt Ion:113 Resp: 46412
Ion Ratio Lower Upper
113 100
111 104.8 81.8 122.6
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

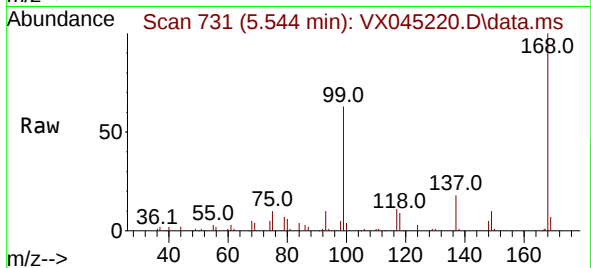
Tgt Ion: 75 Resp: 6483
Ion Ratio Lower Upper
75 100
110 7.1 16.9 50.6#
77 0.0 24.5 36.7#



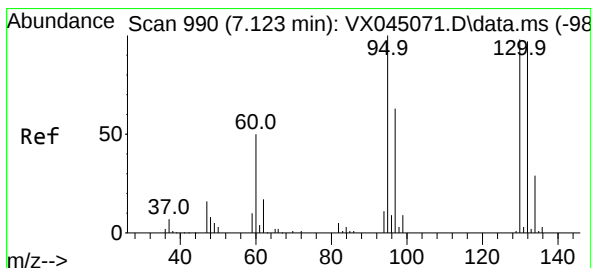
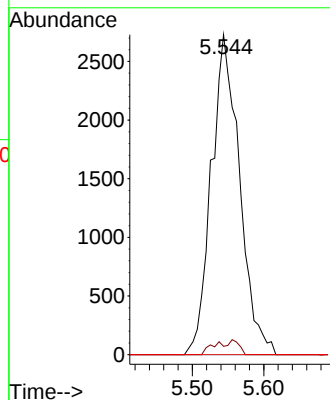
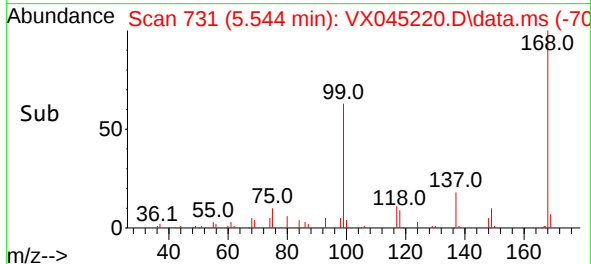


#38
Carbon Tetrachloride
Concen: 5.922 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW17811-20250305DL

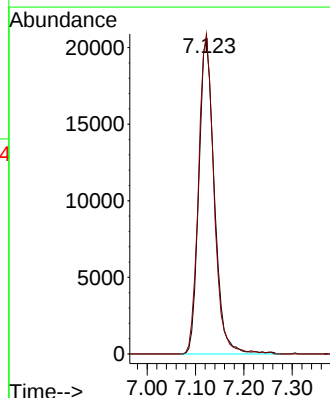
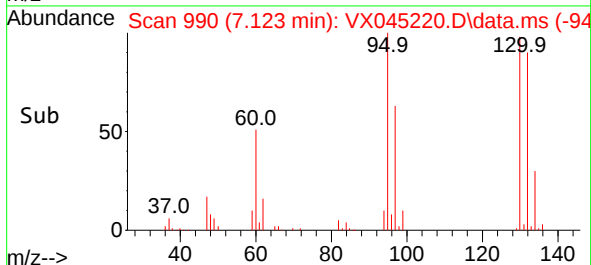
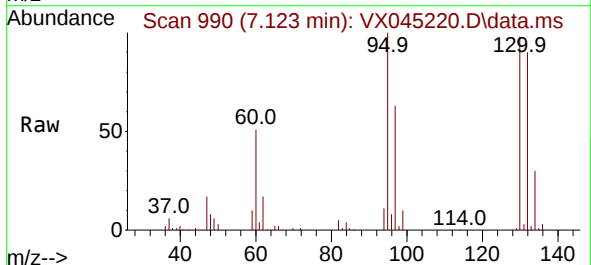


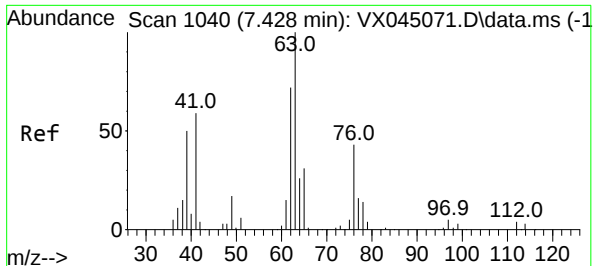
Tgt Ion:117 Resp: 7480
Ion Ratio Lower Upper
117 100
119 2.6 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 49.711 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Tgt Ion:130 Resp: 45855
Ion Ratio Lower Upper
130 100
95 102.1 0.0 205.0





#45

1,2-Dichloropropane

Concen: 2.512 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX045220.D

Acq: 11 Mar 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

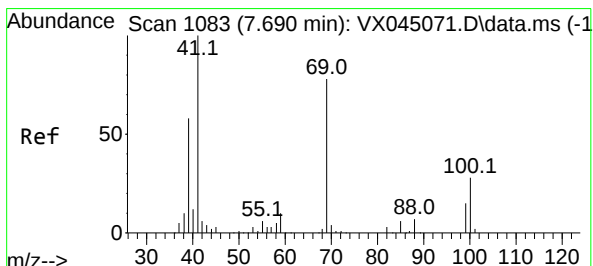
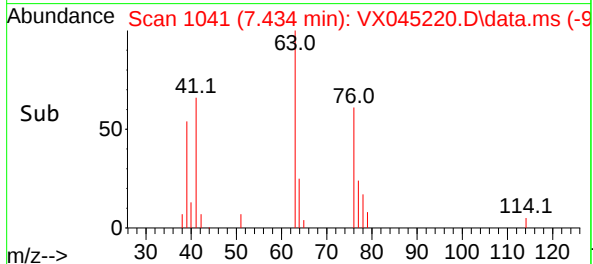
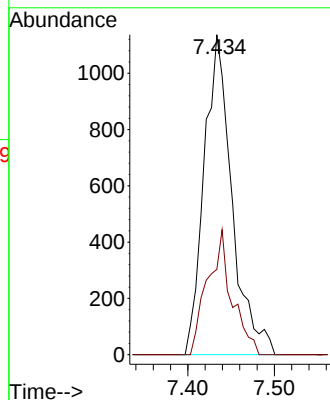
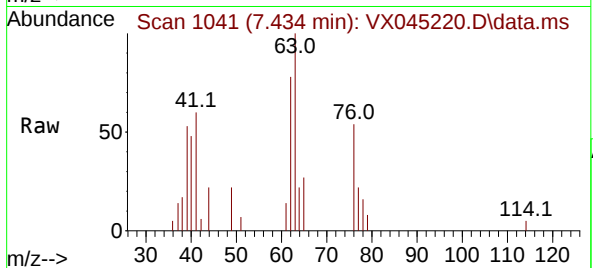
MW17811-20250305DL

Tgt Ion: 63 Resp: 2537

Ion Ratio Lower Upper

63 100

65 26.6 24.7 37.1



#48

Methyl methacrylate

Concen: 1.396 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.262 min

Lab File: VX045220.D

Acq: 11 Mar 2025 13:36

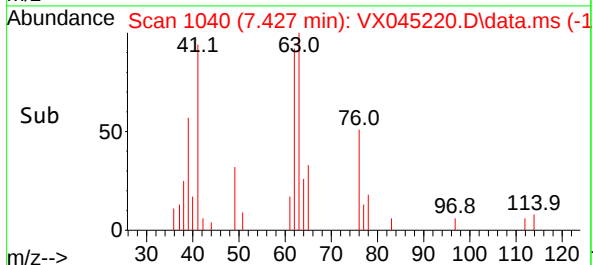
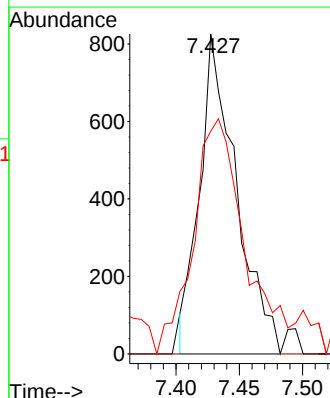
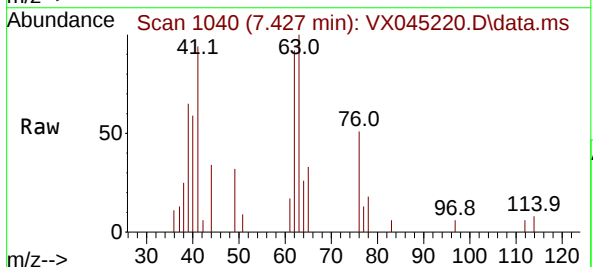
Tgt Ion: 41 Resp: 1660

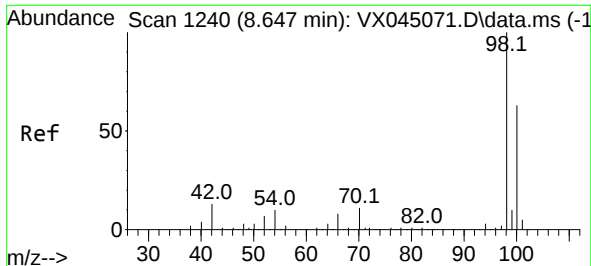
Ion Ratio Lower Upper

41 100

69 0.0 63.0 94.6#

39 70.9 47.5 71.3

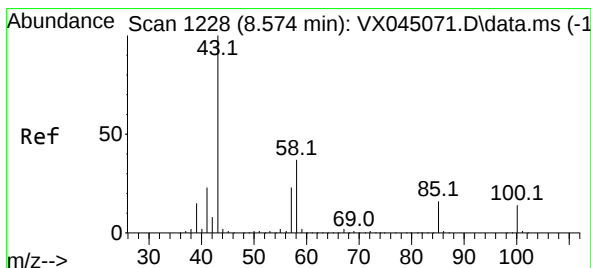
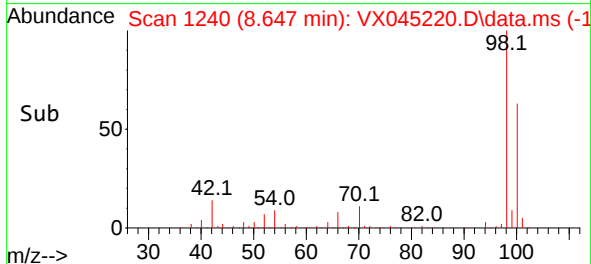
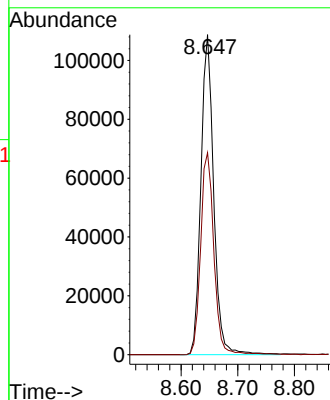
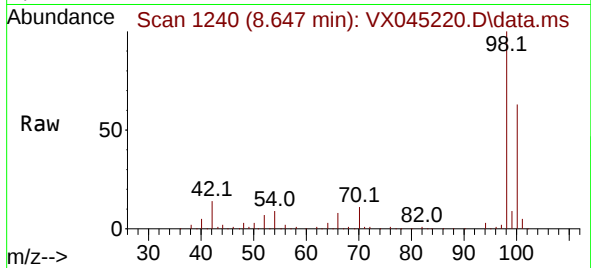




#50
Toluene-d8
Concen: 51.681 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

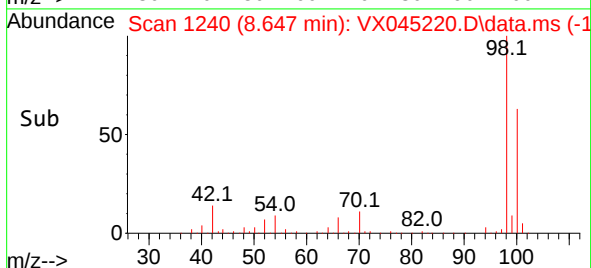
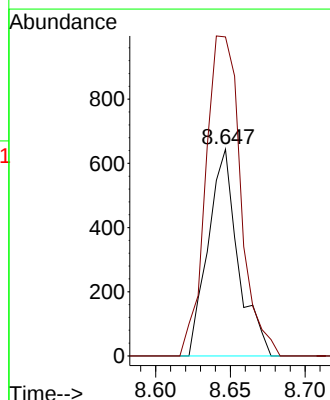
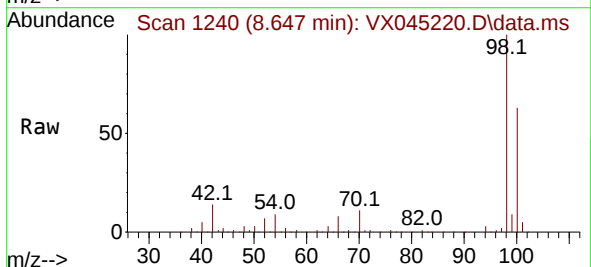
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20250305DL

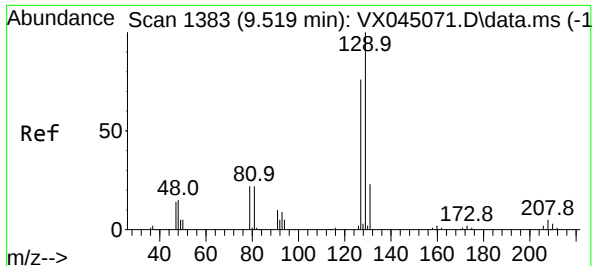
Tgt Ion: 98 Resp: 169965
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Tgt Ion: 43 Resp: 895
Ion Ratio Lower Upper
43 100
58 181.1 29.2 43.8#

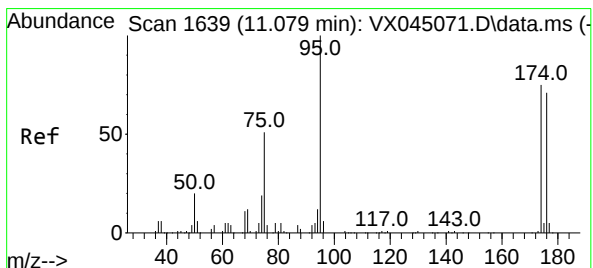
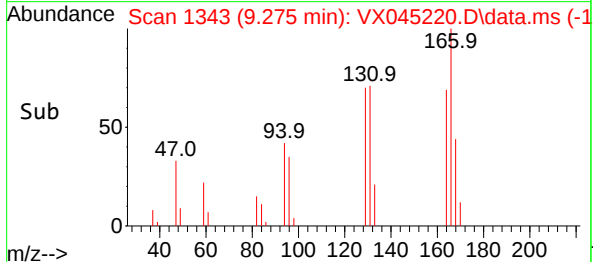
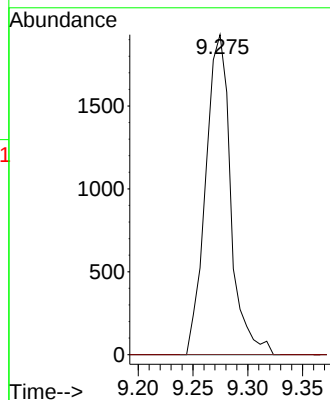
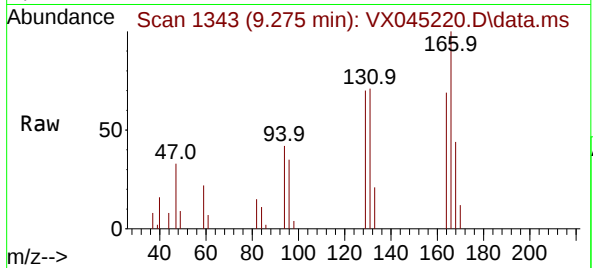




#60
Dibromochloromethane
Concen: 3.101 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

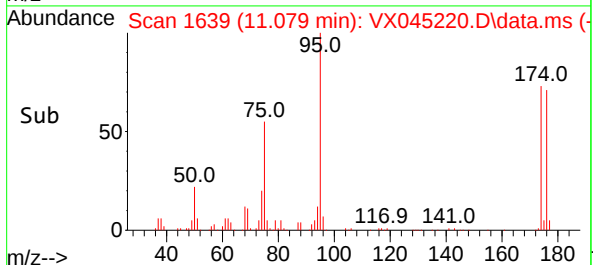
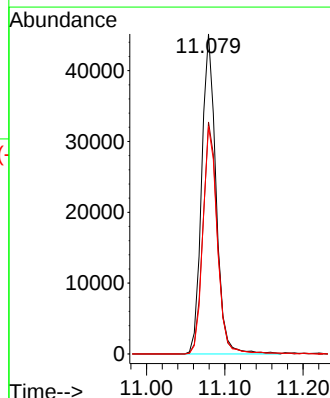
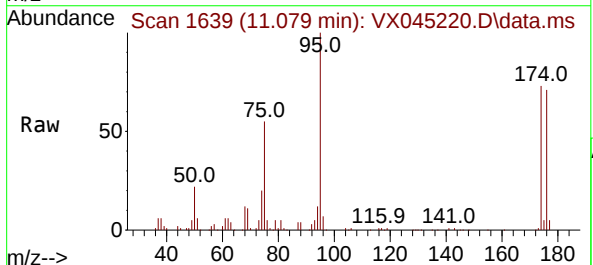
Instrument :
MSVOA_X
ClientSampleId :
MW178I1-20250305DL

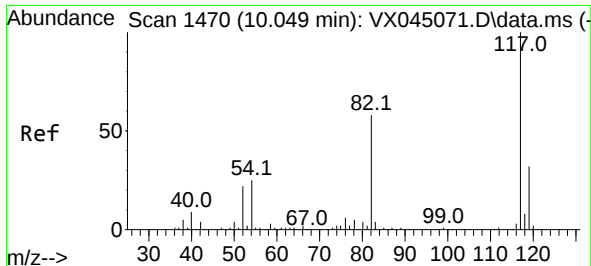
Tgt Ion:129 Resp: 3077
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 52.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Tgt Ion: 95 Resp: 57299
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.2
176 71.6 0.0 141.4

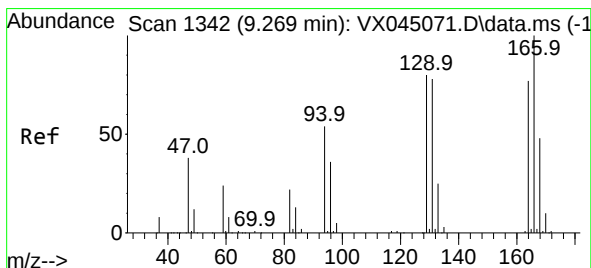
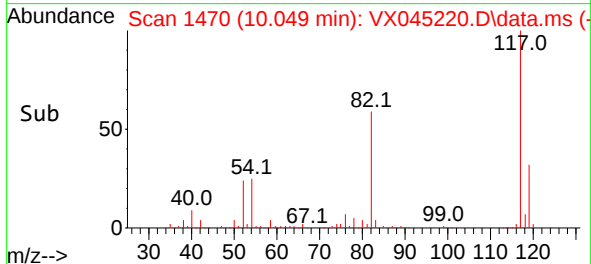
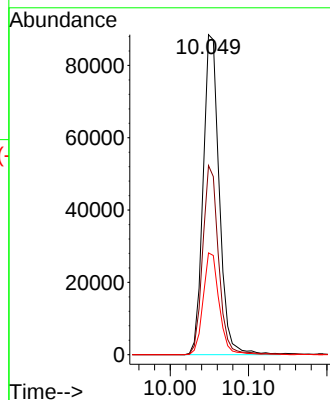
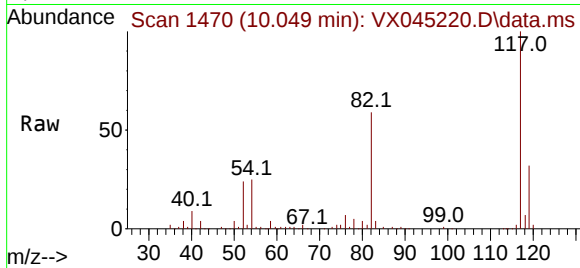




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

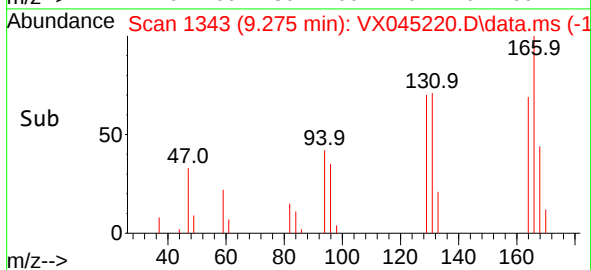
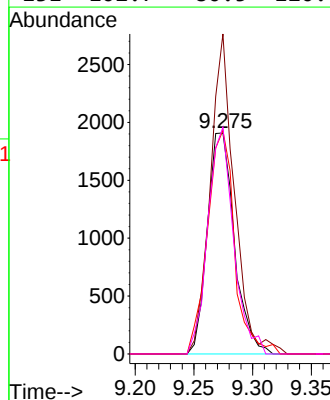
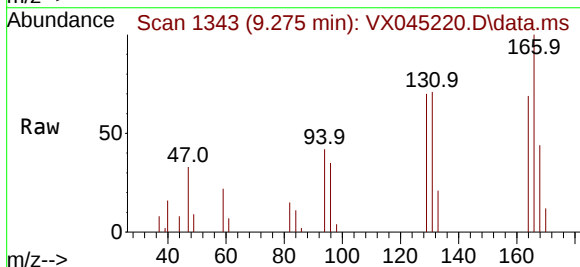
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20250305DL

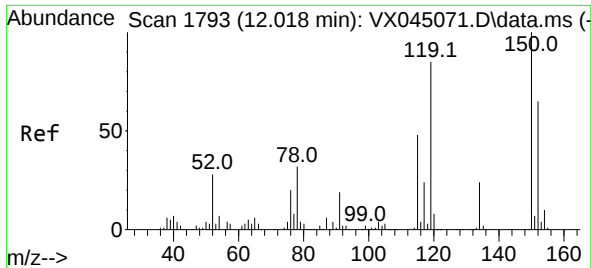
Tgt Ion:117 Resp: 126161
Ion Ratio Lower Upper
117 100
82 59.1 46.3 69.5
119 31.8 25.7 38.5



#64
Tetrachloroethene
Concen: 3.772 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Tgt Ion:164 Resp: 3048
Ion Ratio Lower Upper
164 100
166 144.9 103.6 155.4
129 101.2 82.7 124.1
131 102.7 80.5 120.7

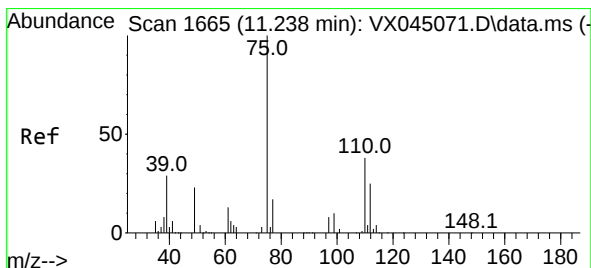
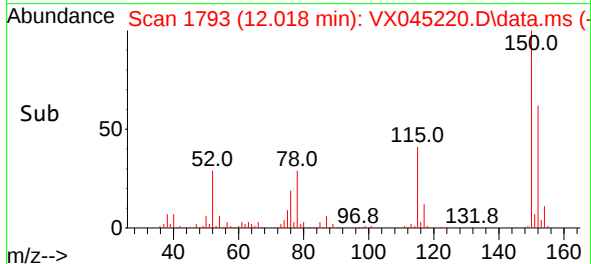
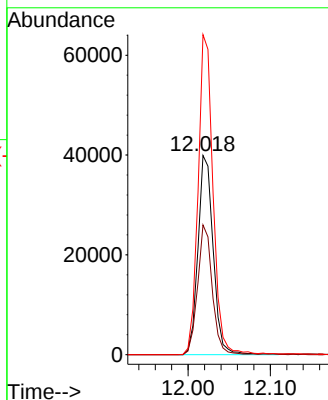
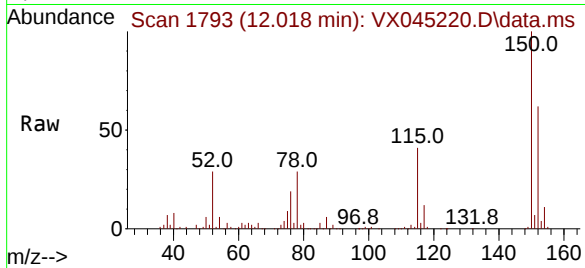




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045220.D
 Acq: 11 Mar 2025 13:36

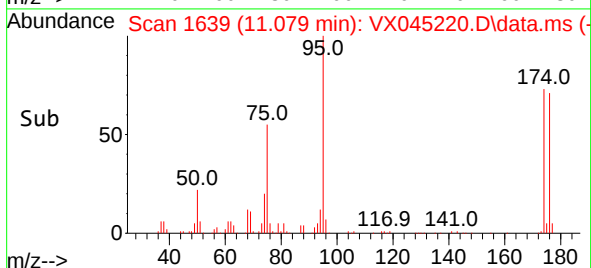
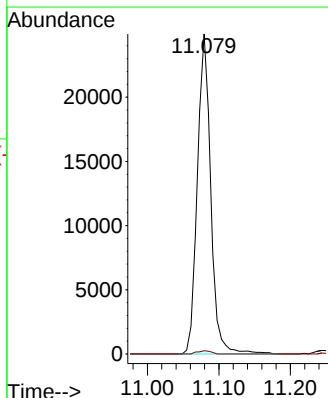
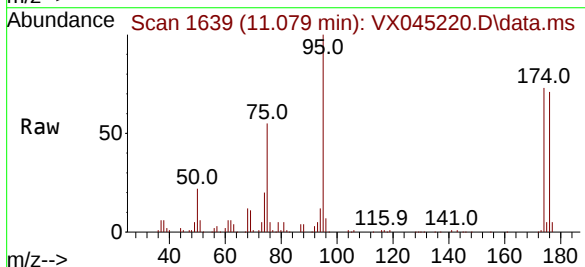
Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20250305DL

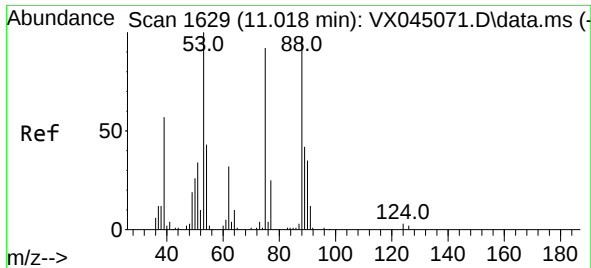
Tgt Ion:152 Resp: 51397
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.2 132.6
 150 157.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.064 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045220.D
 Acq: 11 Mar 2025 13:36

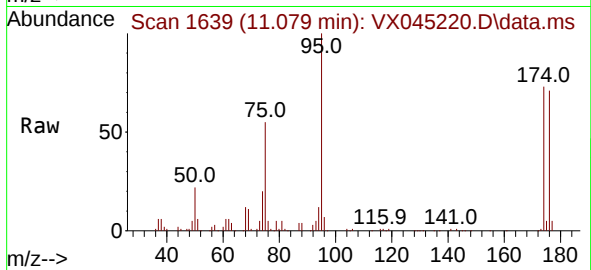
Tgt Ion: 75 Resp: 32376
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045220.D
Acq: 11 Mar 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
MW17811-20250305DL



Tgt Ion: 75 Resp: 32376
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

