

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032625.D
 Acq On : 07 Nov 2022 14:28
 Operator : JC/MD
 Sample : N5484-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Nov 08 03:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

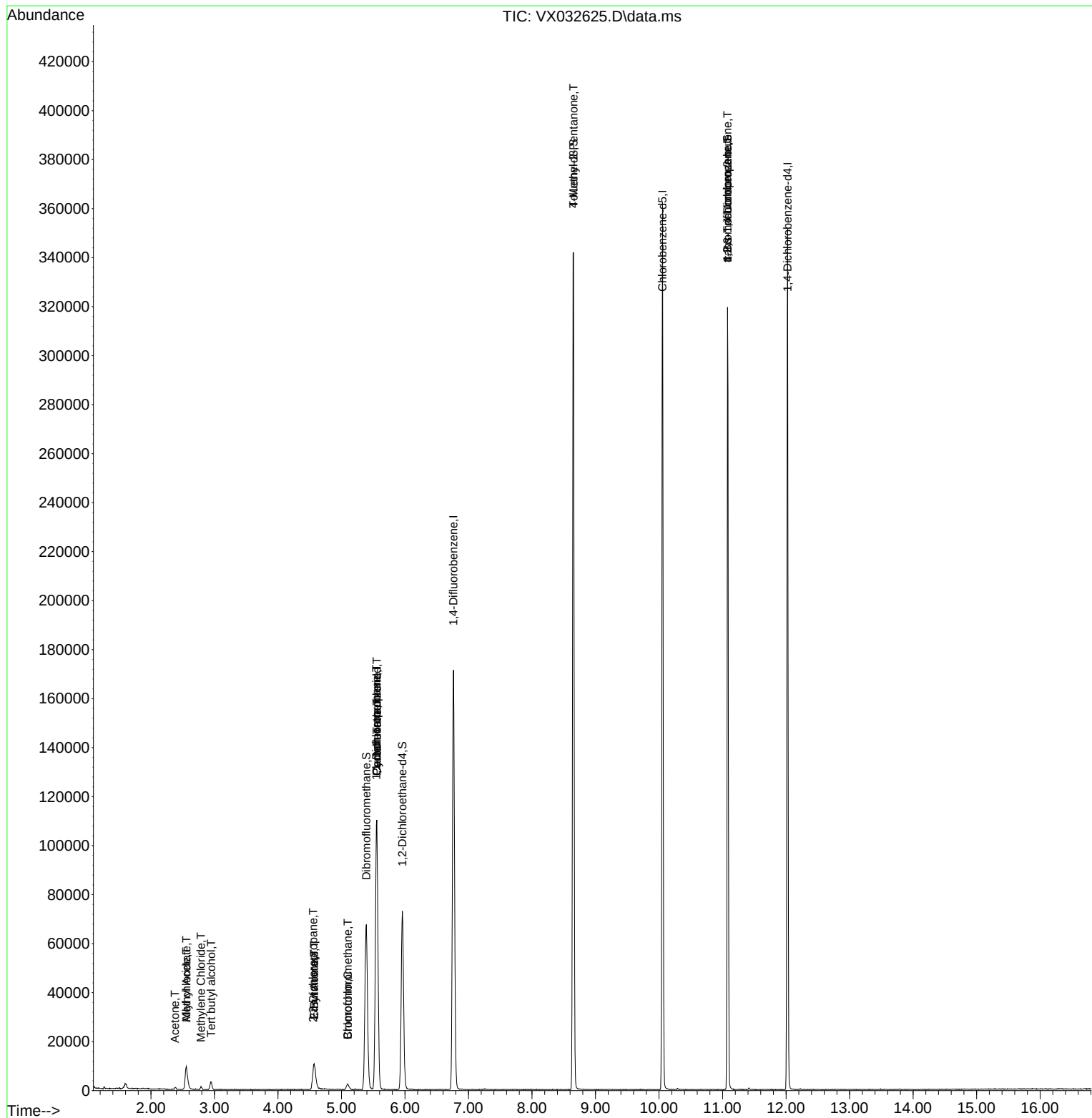
Internal Standards						
1) Pentafluorobenzene	5.556	168	103841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72140	49.998	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.000%		
35) Dibromofluoromethane	5.391	113	56887	46.598	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.200%		
50) Toluene-d8	8.653	98	205756	48.470	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.940%		
62) 4-Bromofluorobenzene	11.079	95	77032	46.455	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.920%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1972	9.390	ug/l #	72
14) Allyl chloride	2.556	41	1603	0.966	ug/l #	75
16) Acetone	2.380	43	1040	1.983	ug/l	97
18) Methyl Acetate	2.556	43	4176	2.449	ug/l #	51
20) Methylene Chloride	2.788	84	613	0.510	ug/l	93
25) 2-Butanone	4.568	43	744	0.916	ug/l #	47
26) 2,2-Dichloropropane	4.556	77	607	0.370	ug/l #	53
28) Bromochloromethane	5.099	49	189	0.257	ug/l #	9
30) Chloroform	5.099	83	2854	1.259	ug/l	98
31) Cyclohexane	5.556	56	2253	1.288	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7985	4.697	ug/l #	45
37) Ethyl Acetate	4.568	43	744	0.420	ug/l #	6
38) Carbon Tetrachloride	5.556	117	10780	5.717	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1013	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42410	27.382	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42410	87.130	ug/l #	6

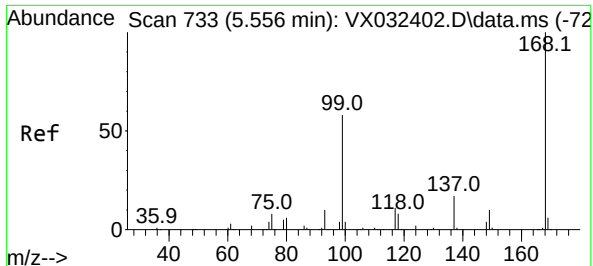
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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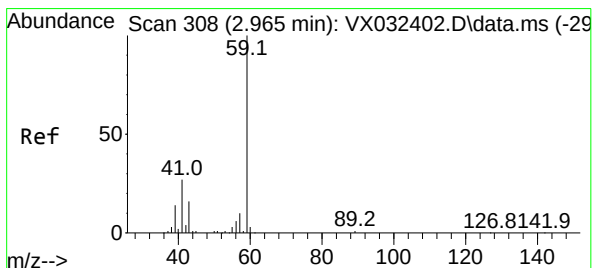
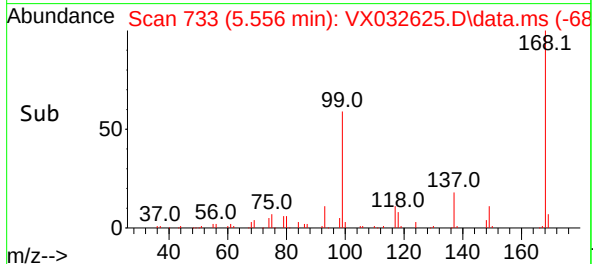
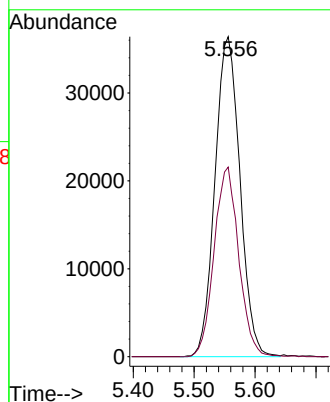
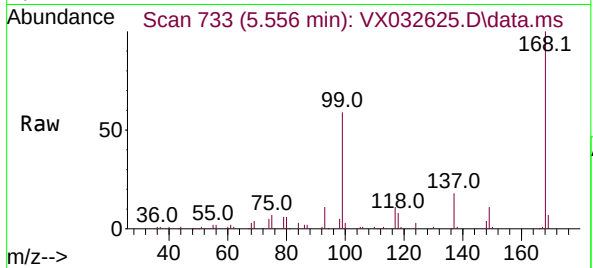




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

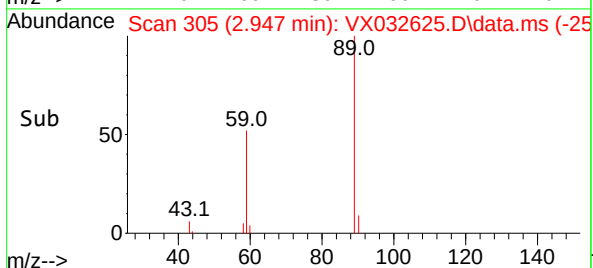
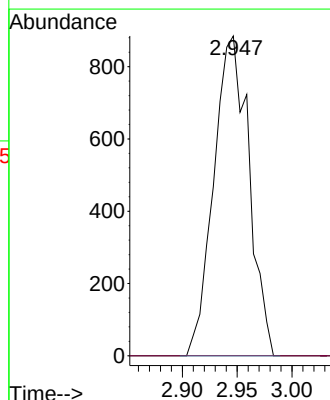
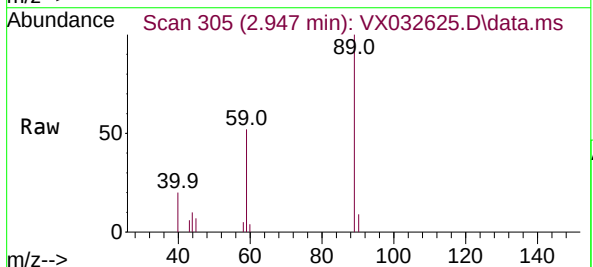
Instrument :
MSVOA_X
ClientSampleId :
MW-17

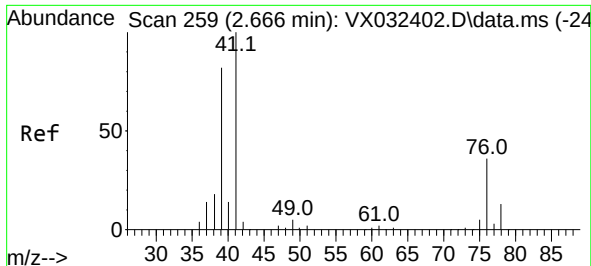
Tgt Ion:168 Resp: 103841
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 9.390 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 59 Resp: 1972
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

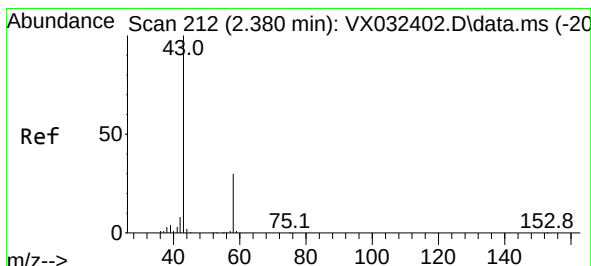
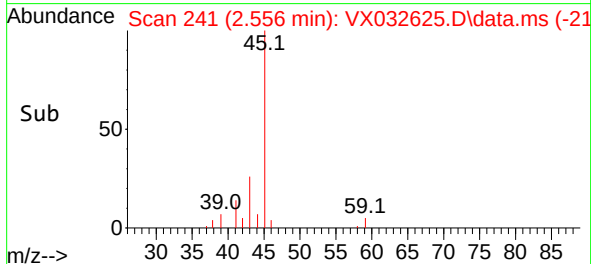
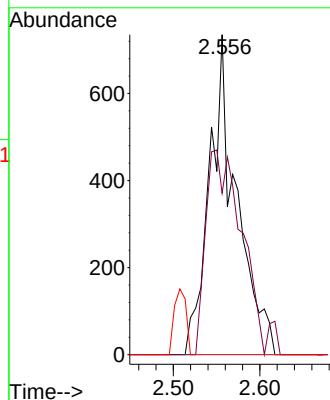
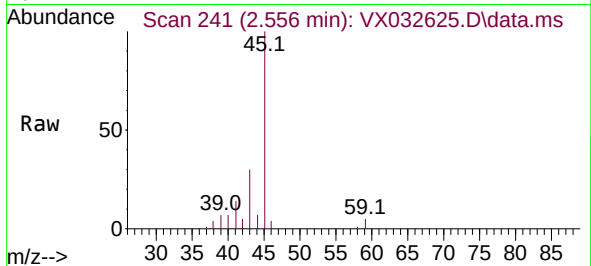




#14
 Allyl chloride
 Concen: 0.966 ug/l
 RT: 2.556 min Scan# 241
 Delta R.T. -0.110 min
 Lab File: VX032625.D
 Acq: 07 Nov 2022 14:28

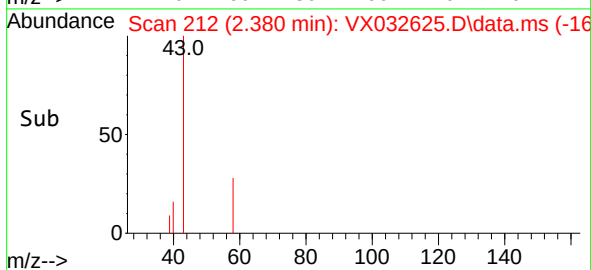
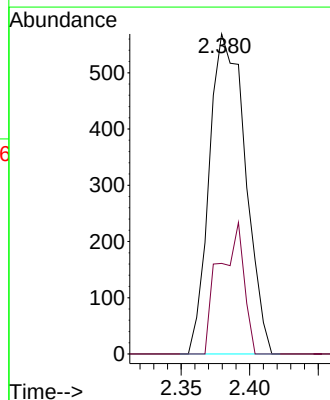
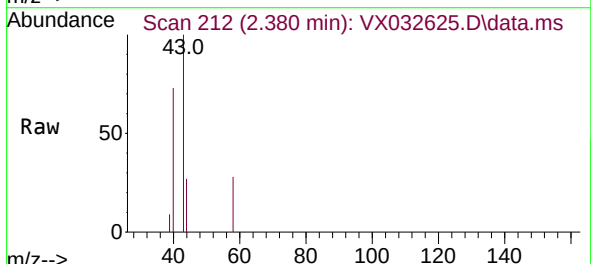
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

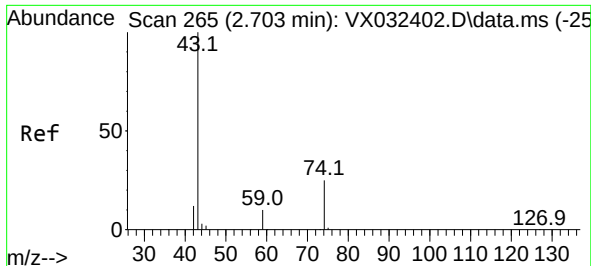
Tgt Ion: 41 Resp: 1603
 Ion Ratio Lower Upper
 41 100
 39 83.7 61.4 92.2
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 1.983 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VX032625.D
 Acq: 07 Nov 2022 14:28

Tgt Ion: 43 Resp: 1040
 Ion Ratio Lower Upper
 43 100
 58 28.3 23.8 35.8

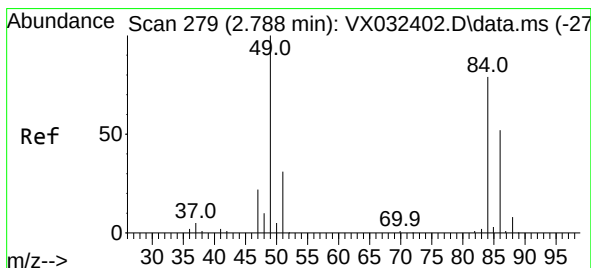
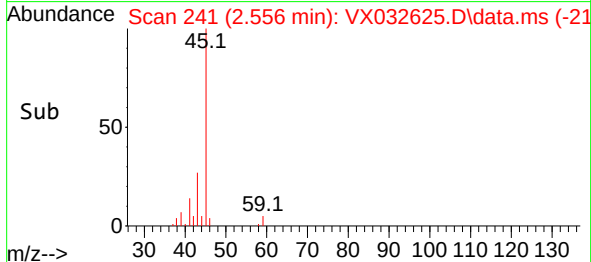
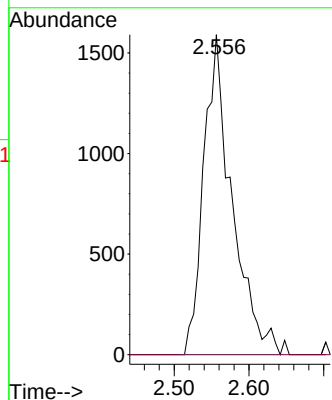
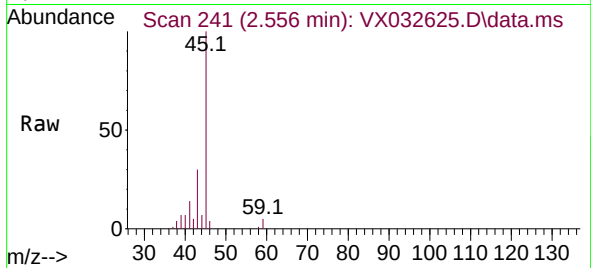




#18
Methyl Acetate
Concen: 2.449 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.146 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

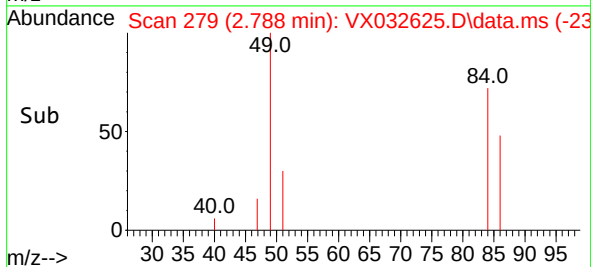
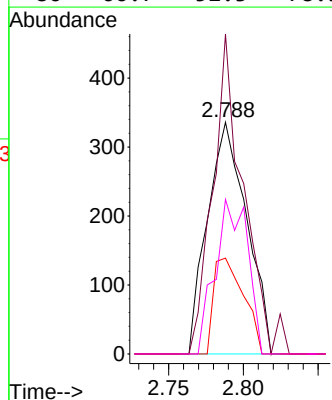
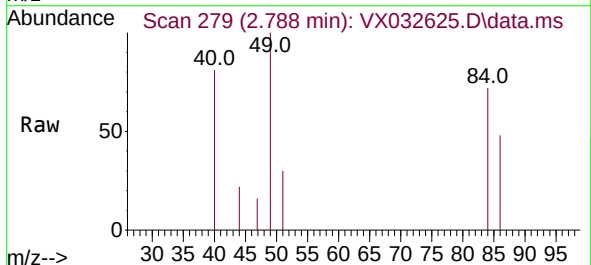
Instrument :
MSVOA_X
ClientSampleId :
MW-17

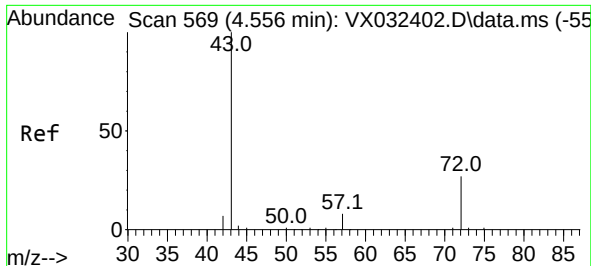
Tgt Ion: 43 Resp: 4176
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#20
Methylene Chloride
Concen: 0.510 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 84 Resp: 613
Ion Ratio Lower Upper
84 100
49 138.1 101.0 151.6
51 41.4 31.1 46.7
86 66.7 52.3 78.5





#25

2-Butanone

Concen: 0.916 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

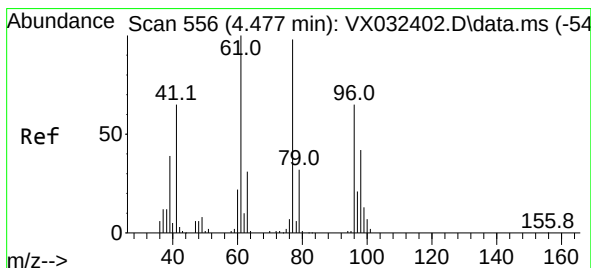
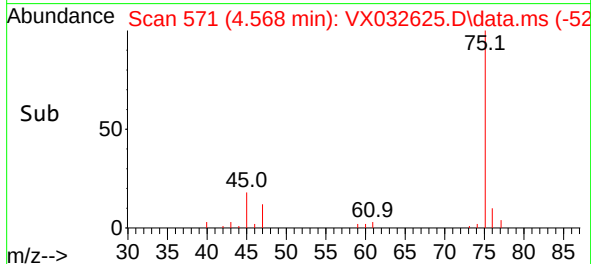
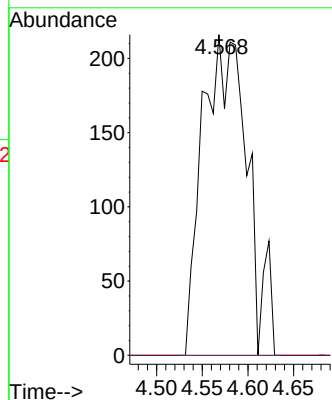
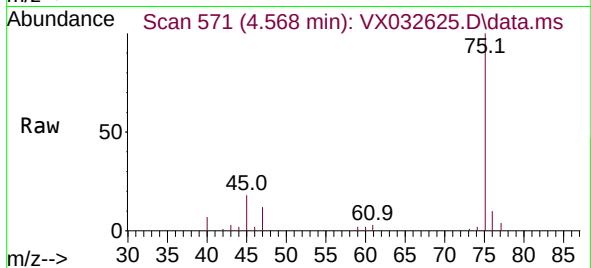
MW-17

Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#26

2,2-Dichloropropane

Concen: 0.370 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.079 min

Lab File: VX032625.D

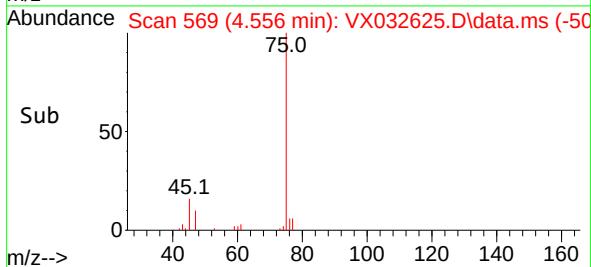
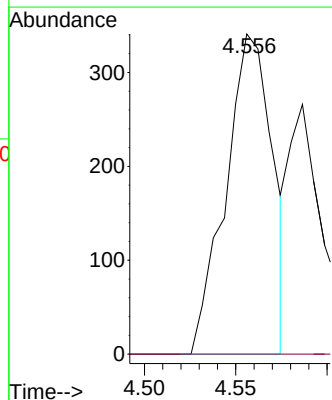
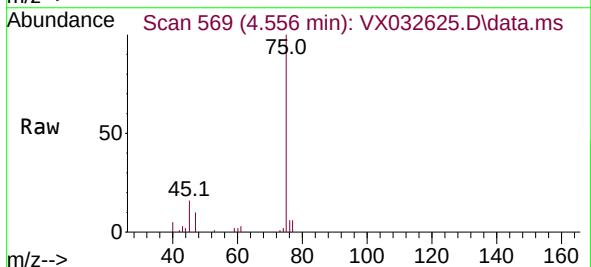
Acq: 07 Nov 2022 14:28

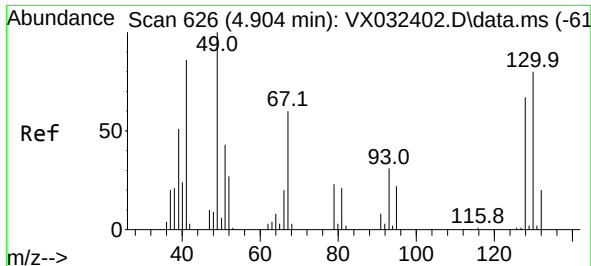
Tgt Ion: 77 Resp: 607

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#

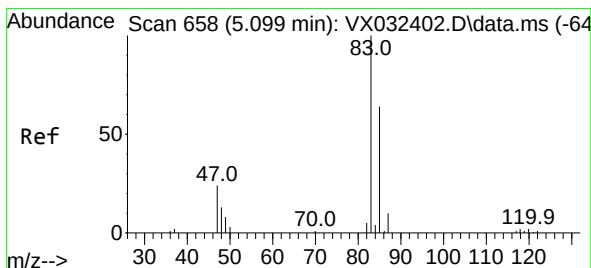
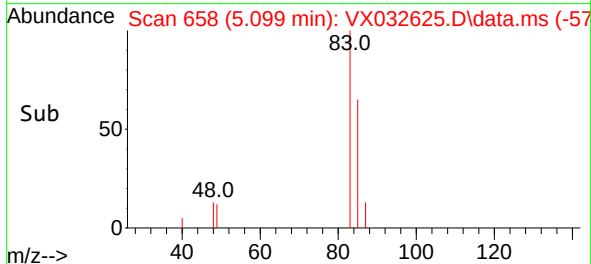
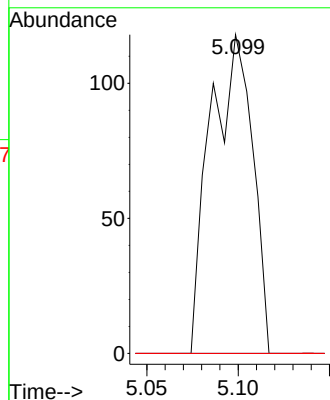
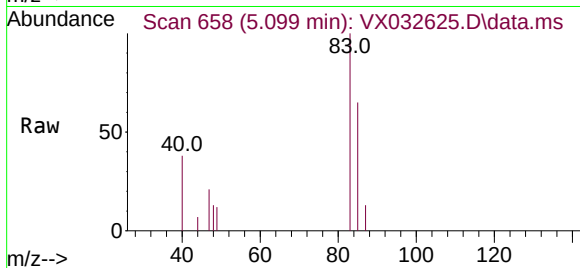




#28
Bromochloromethane
Concen: 0.257 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

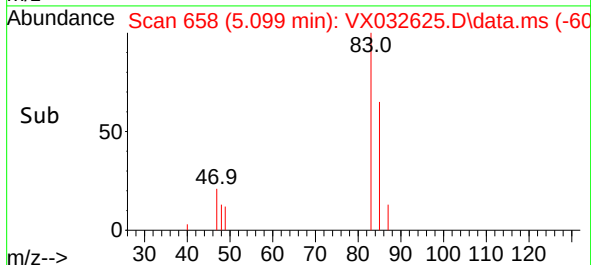
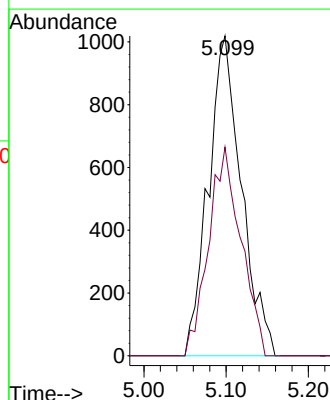
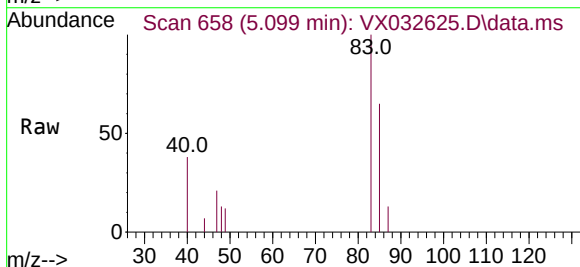
Instrument :
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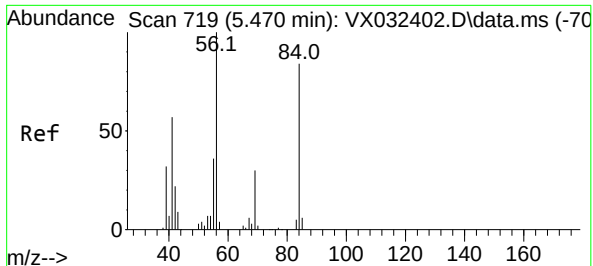
Tgt Ion: 49 Resp: 189
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 1.259 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 83 Resp: 2854
Ion Ratio Lower Upper
83 100
85 65.3 51.1 76.7

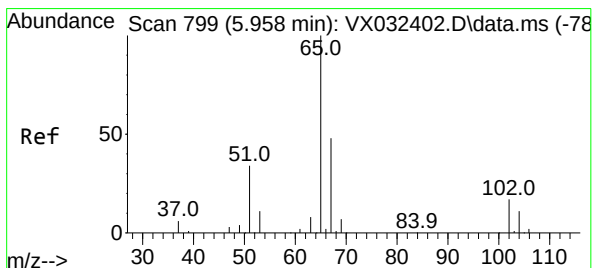
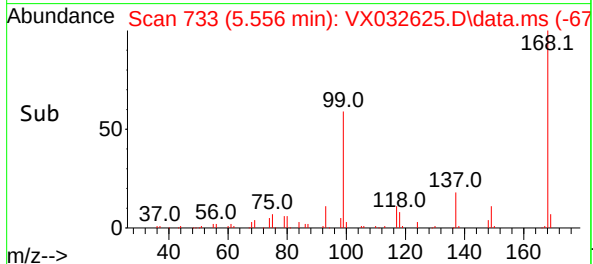
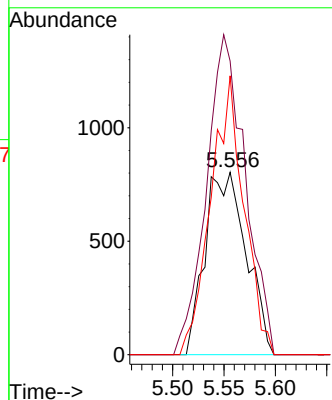
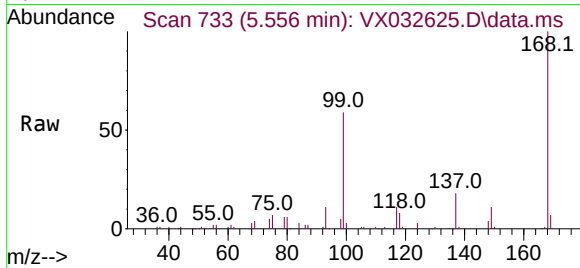




#31
Cyclohexane
Concen: 1.288 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

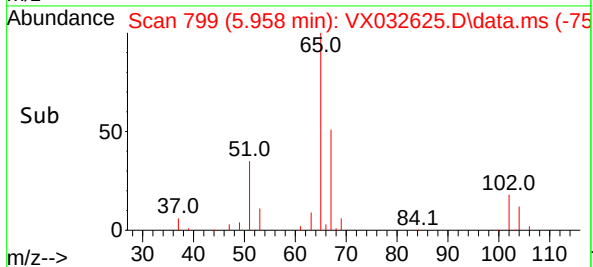
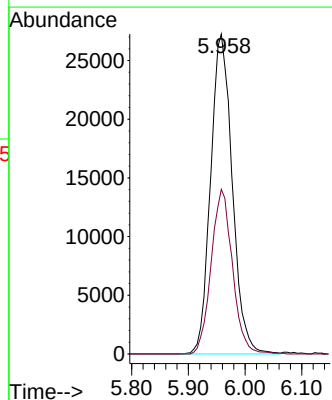
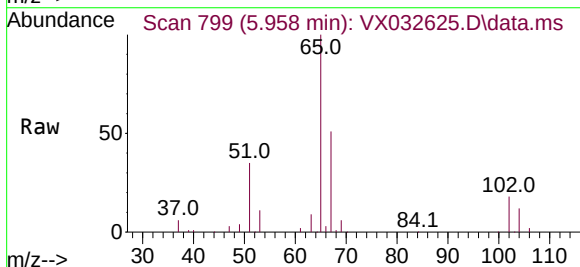
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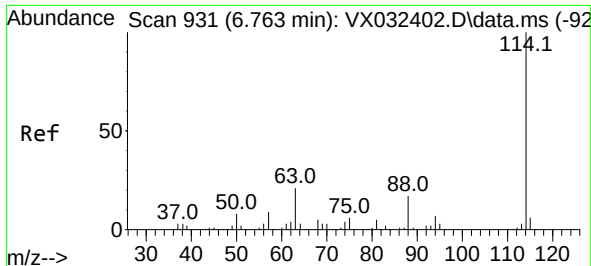
Tgt Ion: 56 Resp: 2253
Ion Ratio Lower Upper
56 100
69 160.9 24.1 36.1#
84 152.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.998 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 65 Resp: 72140
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

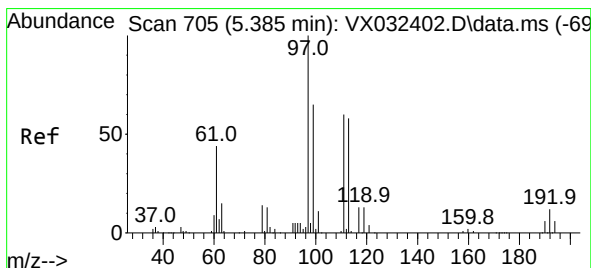
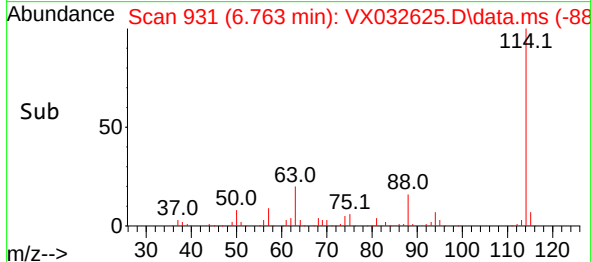
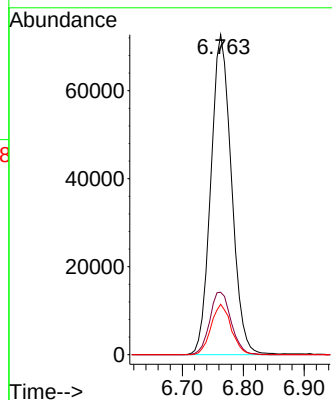
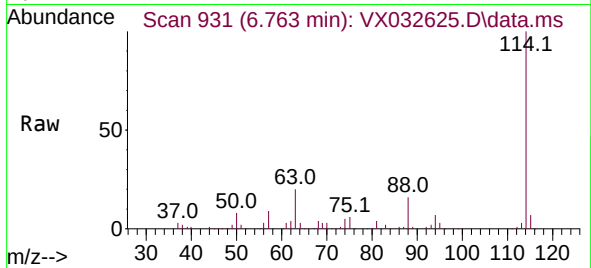




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

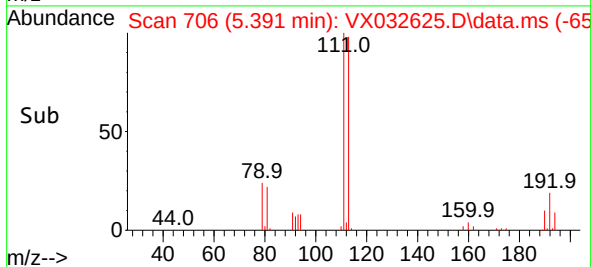
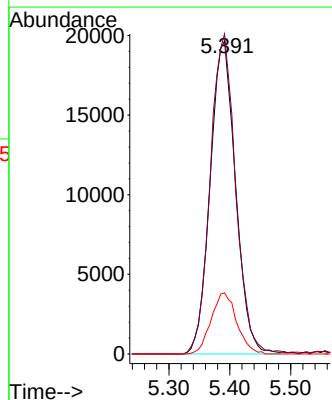
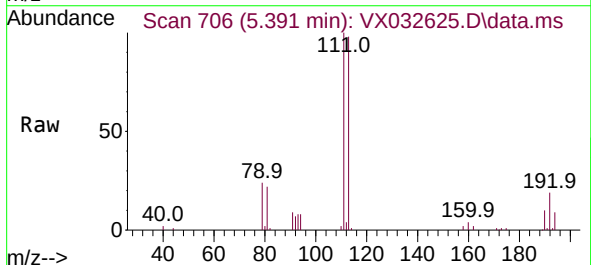
Instrument :
MSVOA_X
ClientSampleId :
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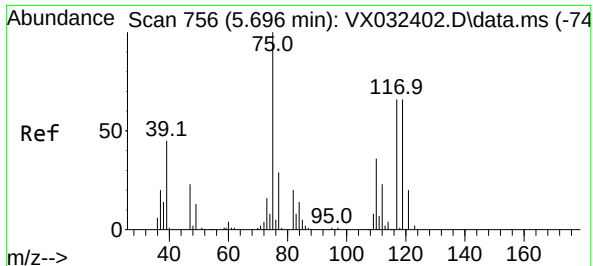
Tgt Ion:114 Resp: 171147
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.598 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion:113 Resp: 56887
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.7 15.4 23.2

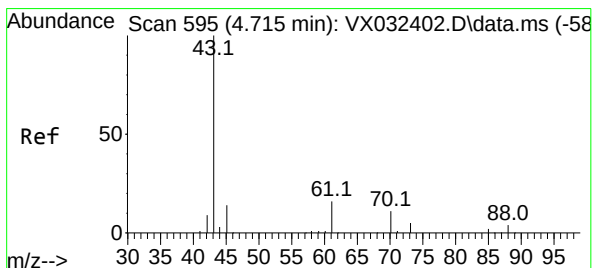
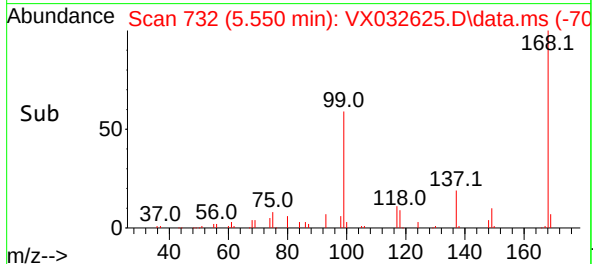
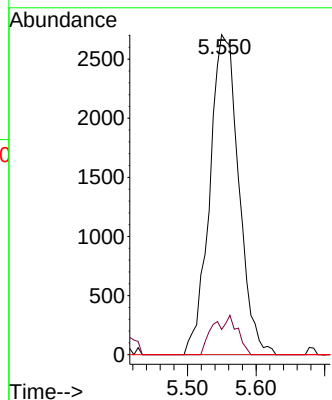
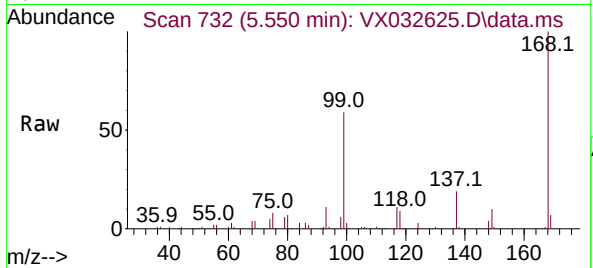




#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

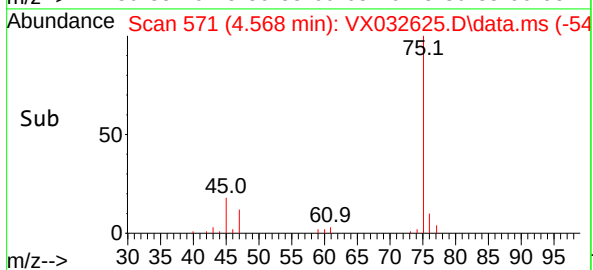
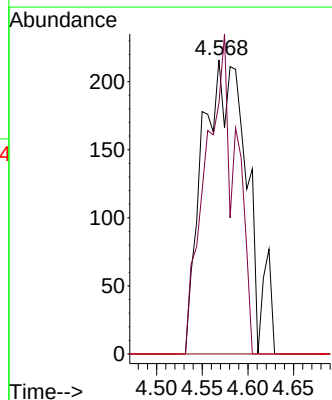
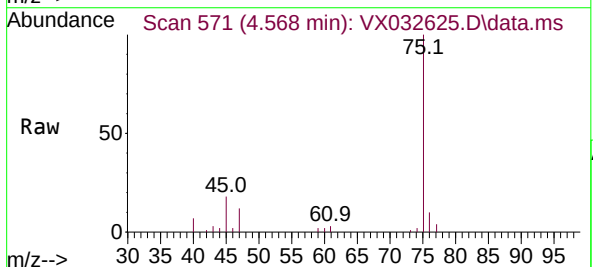
Instrument :
MSVOA_X
ClientSampleId :
MW-17

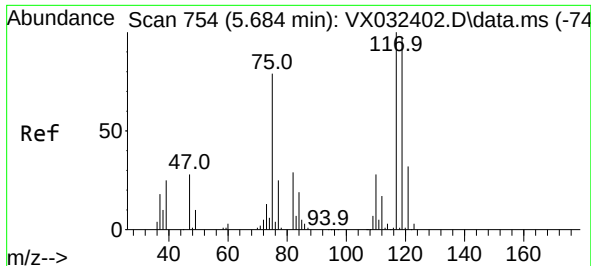
Tgt Ion: 75 Resp: 7985
Ion Ratio Lower Upper
75 100
110 4.8 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 0.420 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.146 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
61 73.5 11.5 17.3#
70 0.0 9.1 13.7#

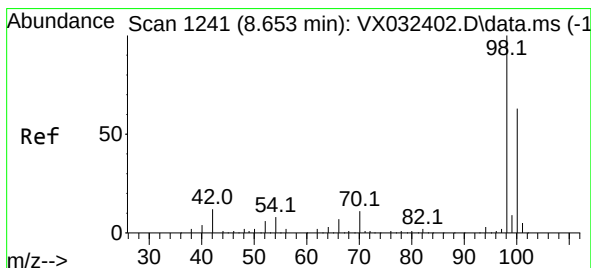
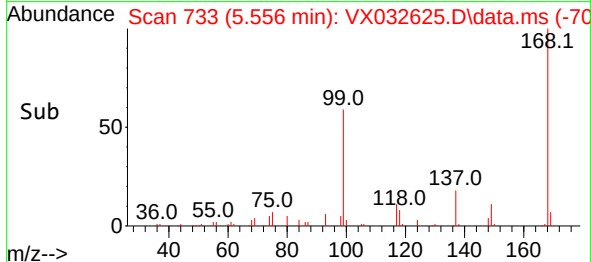
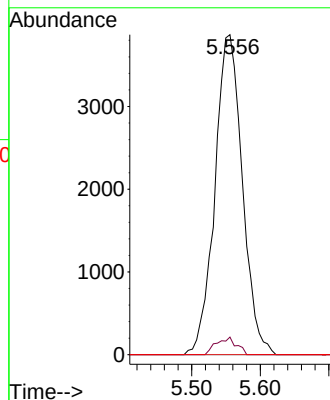
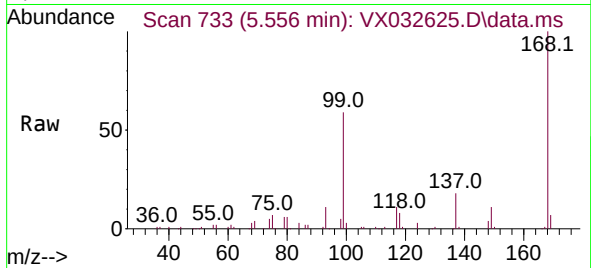




#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

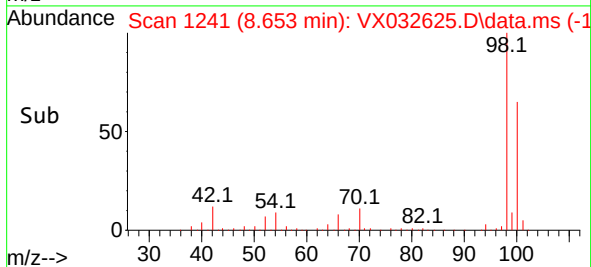
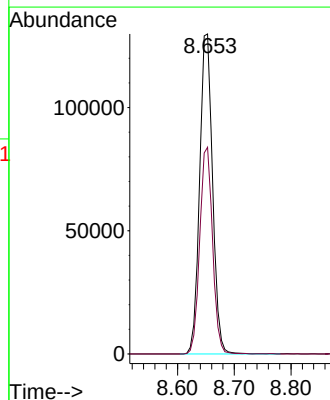
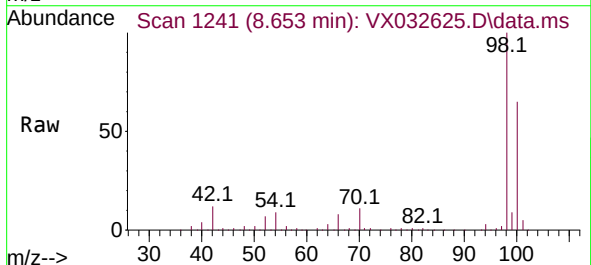
Instrument :
MSVOA_X
ClientSampleId :
MW-17

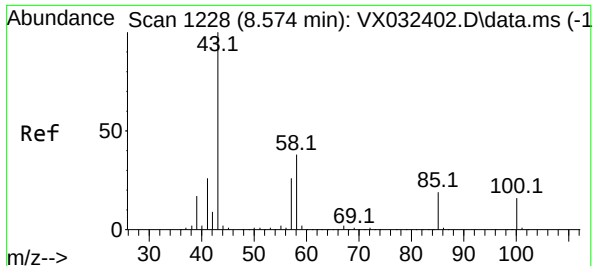
Tgt Ion:117 Resp: 10780
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.470 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 98 Resp: 205756
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.592 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.079 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

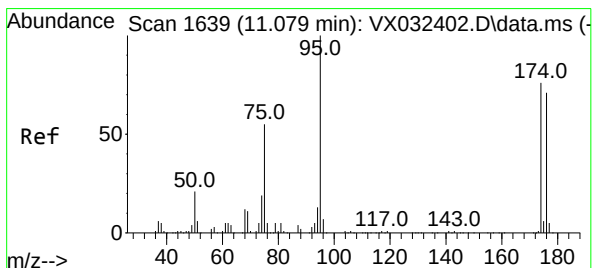
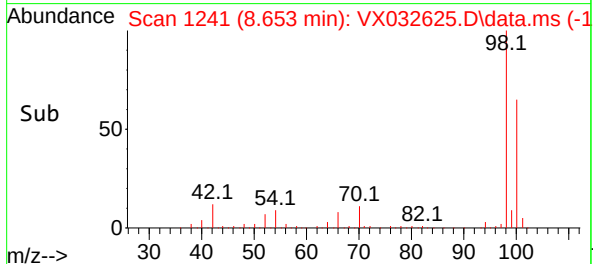
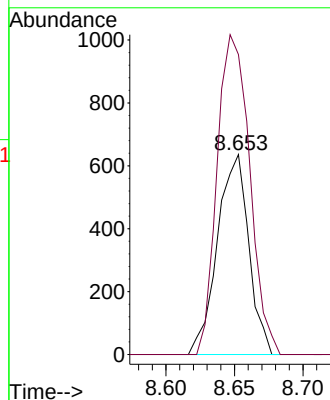
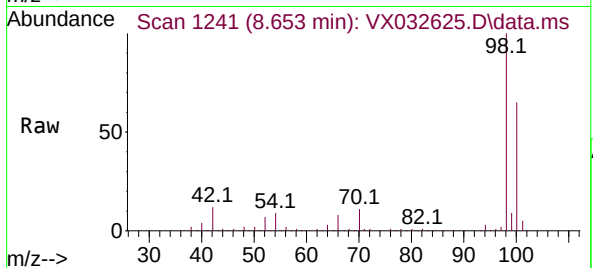
MW-17

Tgt Ion: 43 Resp: 1013

Ion Ratio Lower Upper

43 100

58 166.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.455 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

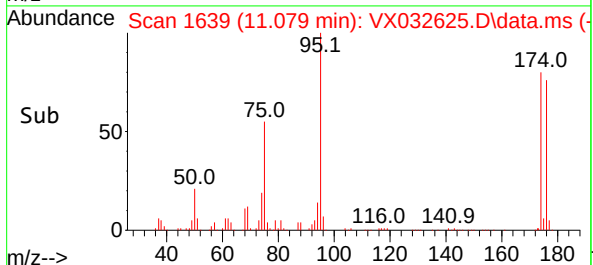
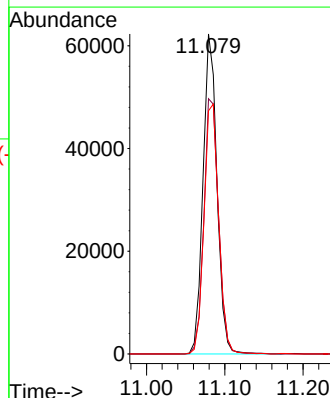
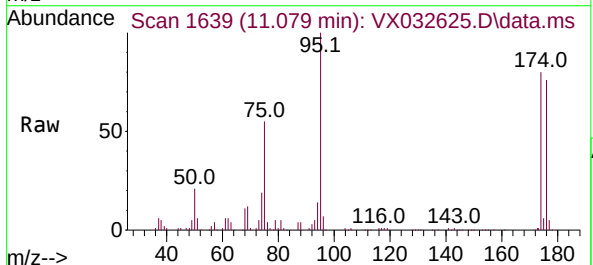
Tgt Ion: 95 Resp: 77032

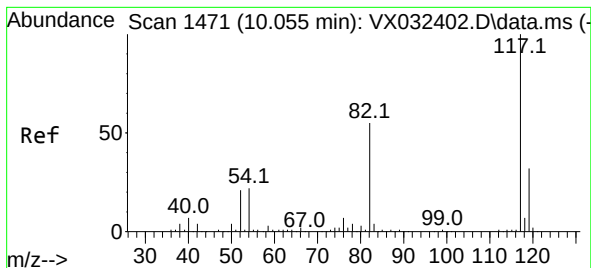
Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

176 82.3 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW-17

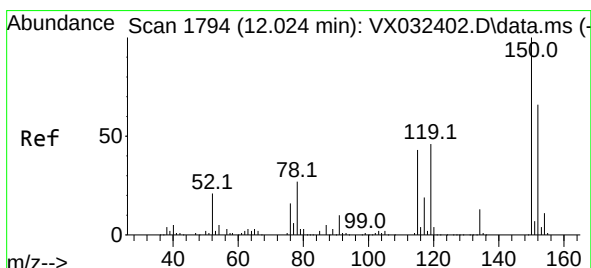
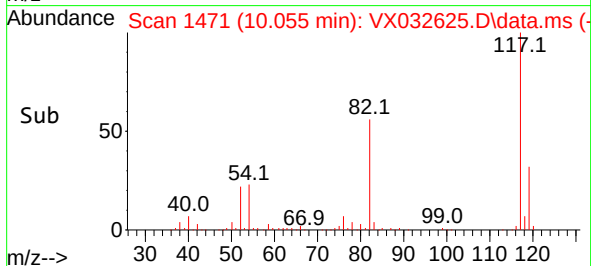
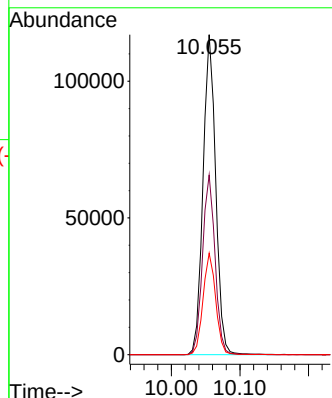
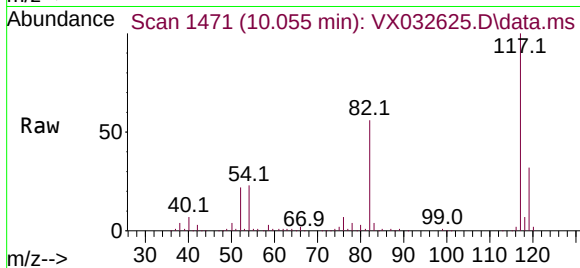
Tgt Ion:117 Resp: 150854

Ion Ratio Lower Upper

117 100

82 56.1 44.3 66.5

119 31.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX032625.D

Acq: 07 Nov 2022 14:28

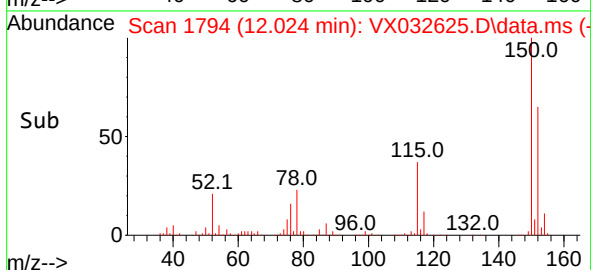
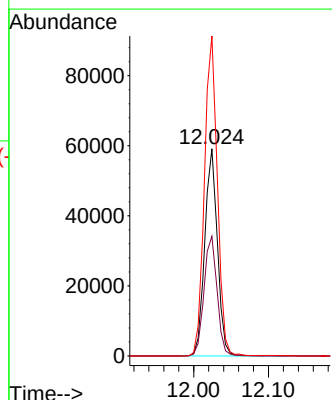
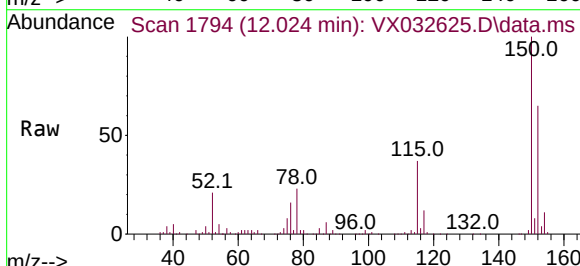
Tgt Ion:152 Resp: 69618

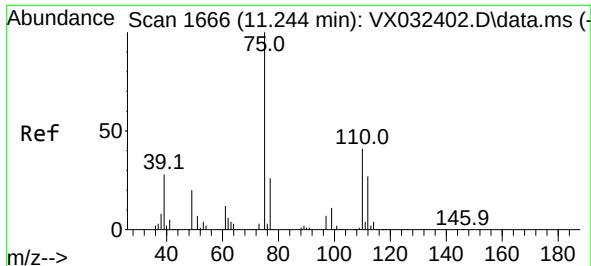
Ion Ratio Lower Upper

152 100

115 59.7 44.0 132.0

150 157.4 0.0 351.8

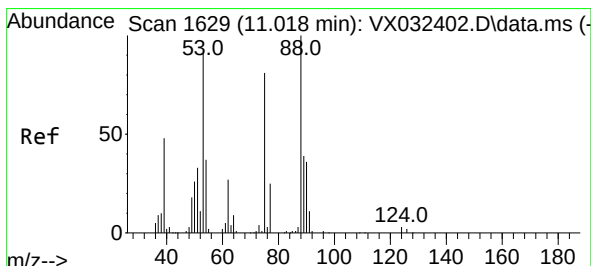
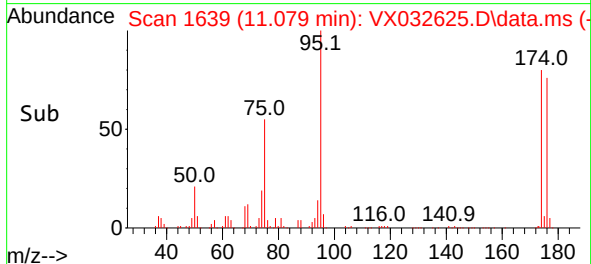
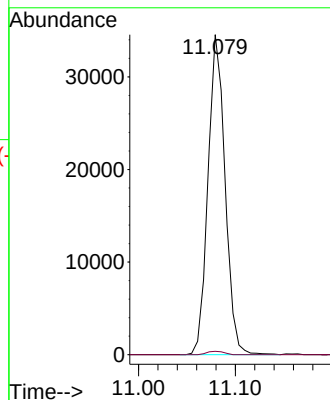
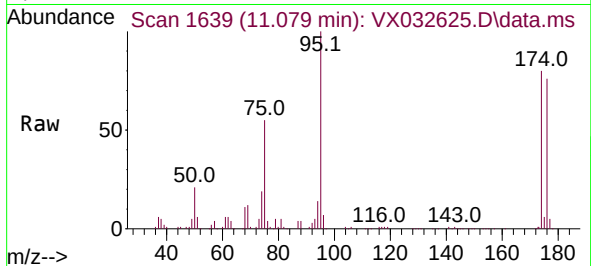




#76
1,2,3-Trichloropropane
Concen: 27.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW-17

Tgt Ion: 75 Resp: 42410
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032625.D
Acq: 07 Nov 2022 14:28

Tgt Ion: 75 Resp: 42410
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

