

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035372.D
 Acq On : 28 Apr 2023 07:41
 Operator : JC/MD
 Sample : 02522-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

Quant Time: Apr 28 08:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

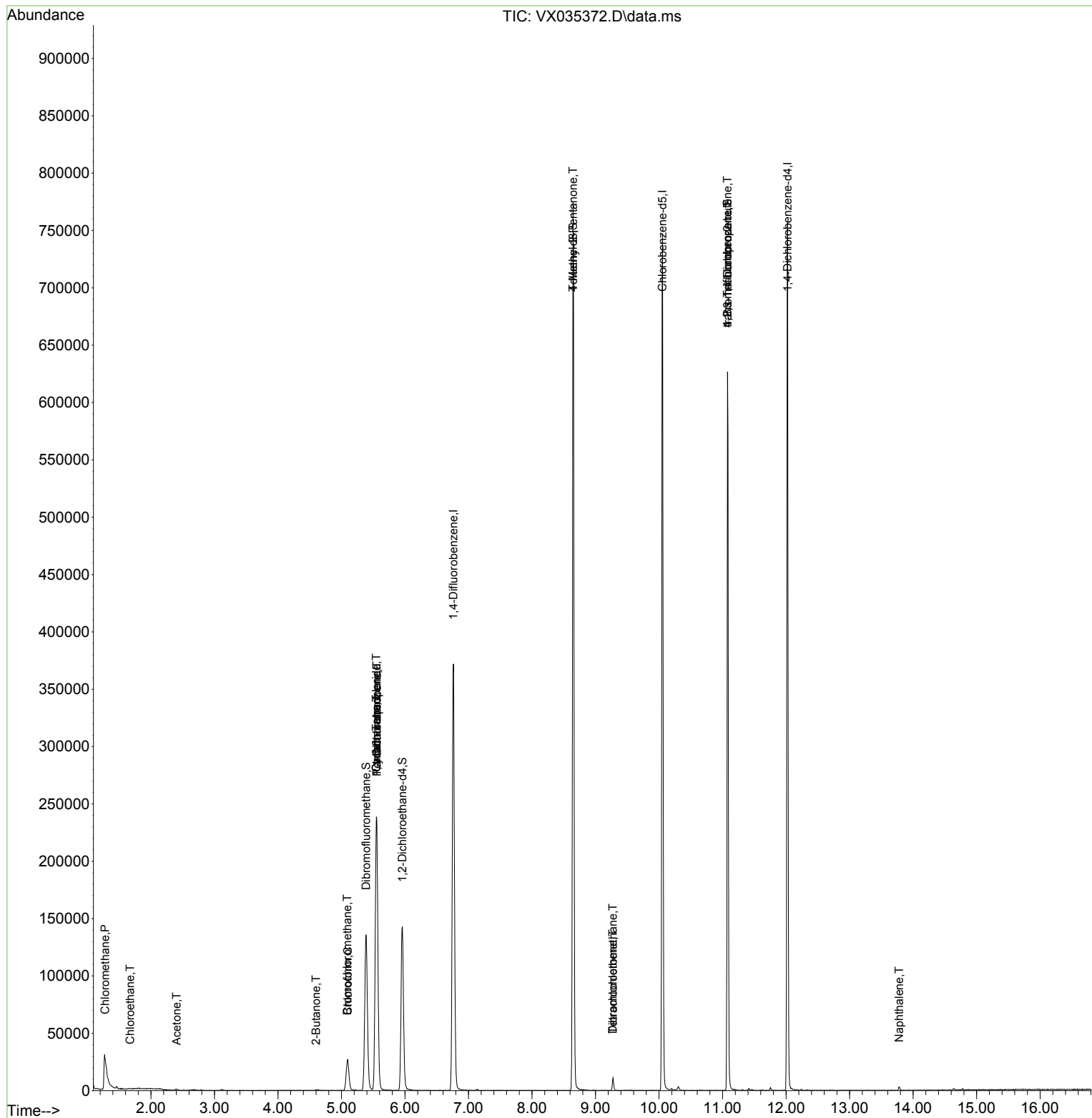
Internal Standards						
1) Pentafluorobenzene	5.556	168	241115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142104	48.851	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.700%
35) Dibromofluoromethane	5.385	113	120418	50.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.260%
50) Toluene-d8	8.647	98	463779	51.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.079	95	175917	51.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	734	0.316	ug/l #	42
6) Chloroethane	1.672	64	450	0.331	ug/l #	42
16) Acetone	2.404	43	1681	1.331	ug/l	91
25) 2-Butanone	4.599	43	1002	0.543	ug/l	97
28) Bromochloromethane	5.092	49	2684	1.371	ug/l #	15
30) Chloroform	5.099	83	33648	7.256	ug/l	99
31) Cyclohexane	5.550	56	4162	1.009	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16854	4.493	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23930	6.720	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1986	0.562	ug/l #	1
60) Dibromochloromethane	9.275	129	1852	0.711	ug/l #	10
64) Tetrachloroethene	9.275	164	2110	0.768	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	87044	25.506	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87044	82.610	ug/l #	8
95) Naphthalene	13.780	128	2863	0.250	ug/l #	93

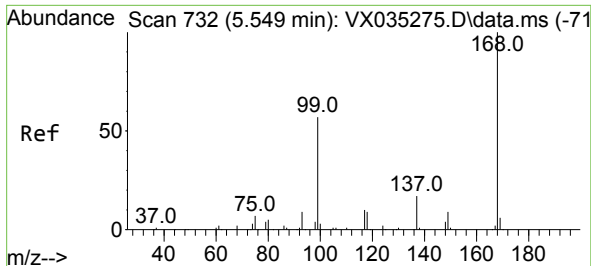
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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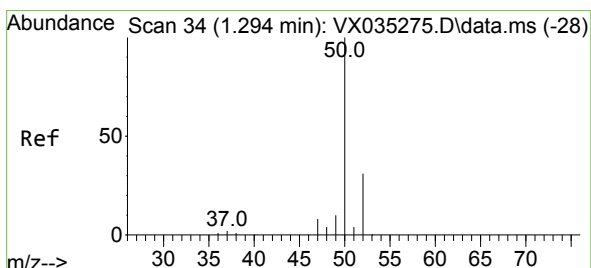
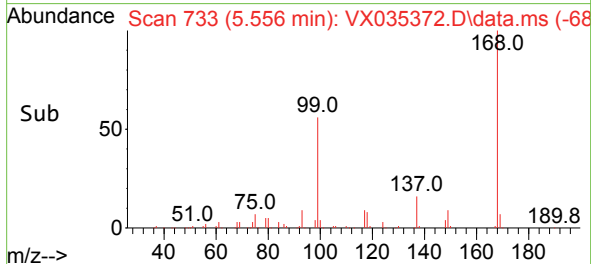
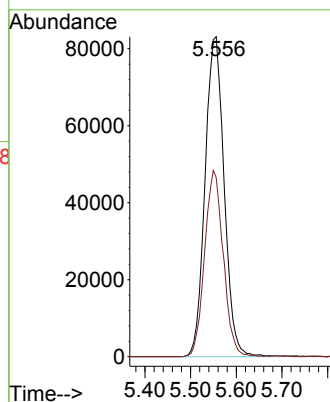
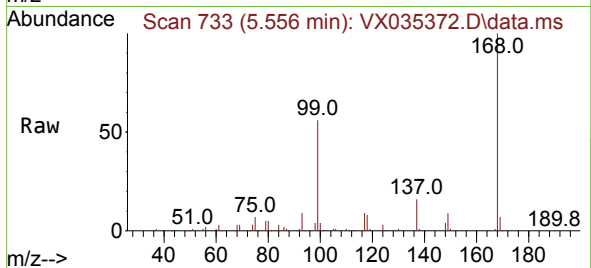




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

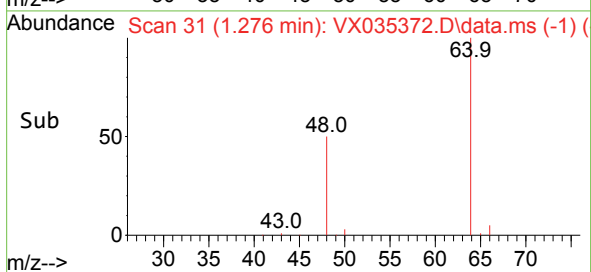
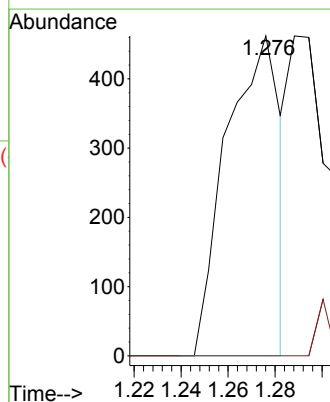
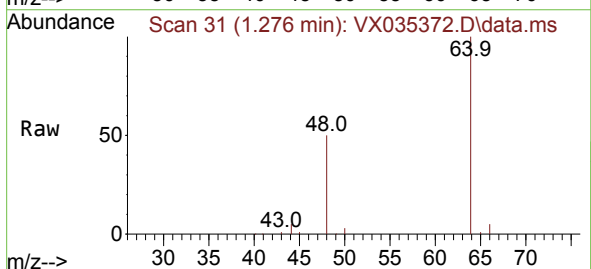
Instrument :
MSVOA_X
ClientSampleId :
MW-17

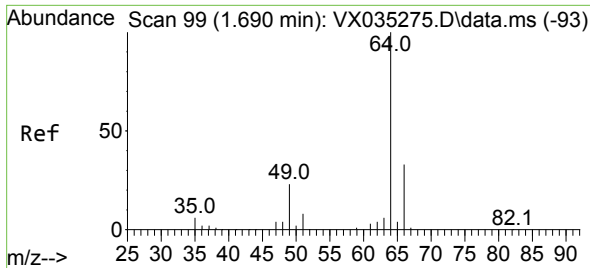
Tgt Ion:168 Resp: 241115
Ion Ratio Lower Upper
168 100
99 55.9 45.7 68.5



#3
Chloromethane
Concen: 0.316 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

Tgt Ion: 50 Resp: 734
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

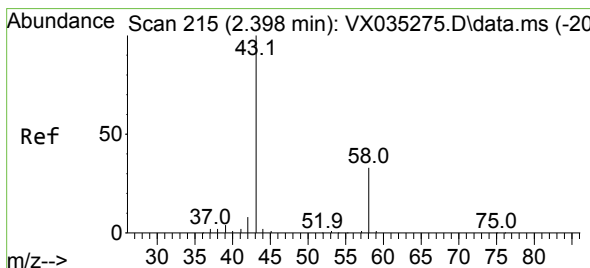
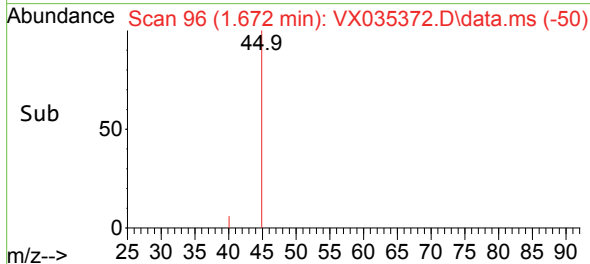
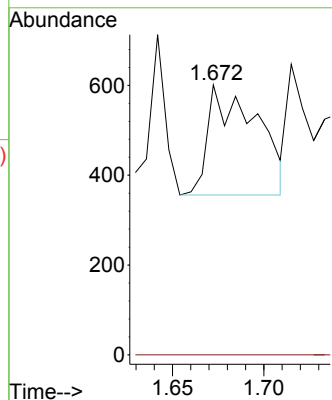
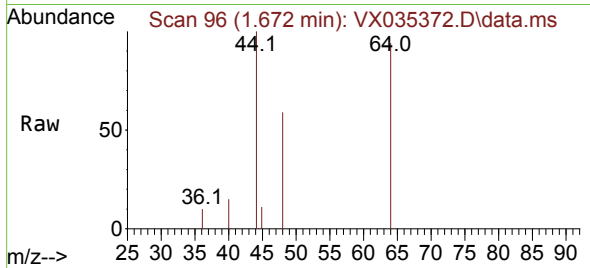




#6
 Chloroethane
 Concen: 0.331 ug/l
 RT: 1.672 min Scan# 99
 Delta R.T. -0.018 min
 Lab File: VX035372.D
 Acq: 28 Apr 2023 07:41

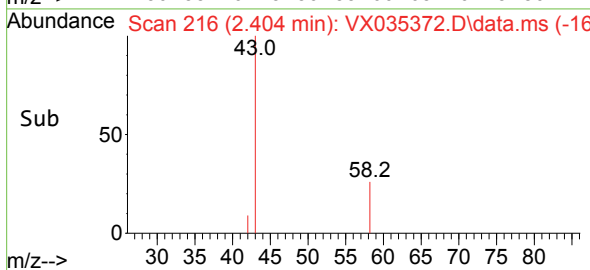
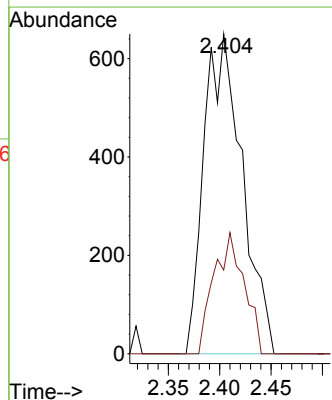
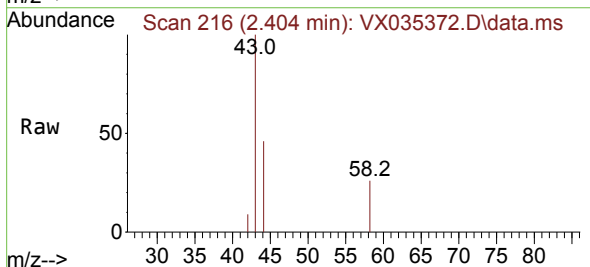
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

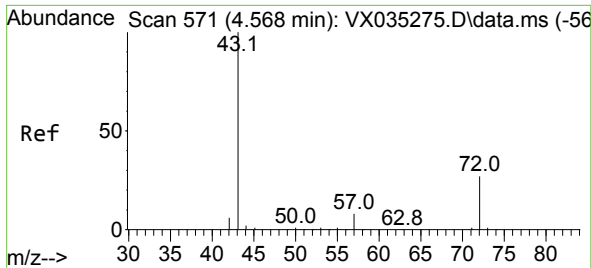
Tgt Ion: 64 Resp: 450
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.2 39.4#



#16
 Acetone
 Concen: 1.331 ug/l
 RT: 2.404 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VX035372.D
 Acq: 28 Apr 2023 07:41

Tgt Ion: 43 Resp: 1681
 Ion Ratio Lower Upper
 43 100
 58 26.2 24.7 37.1

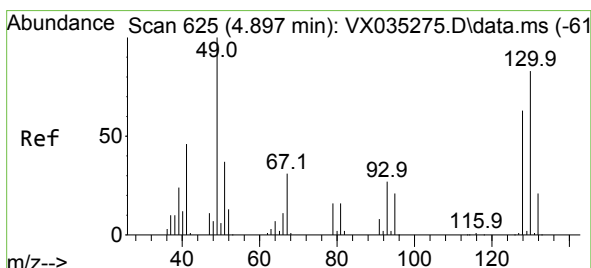
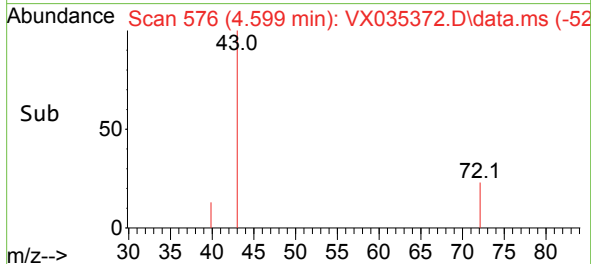
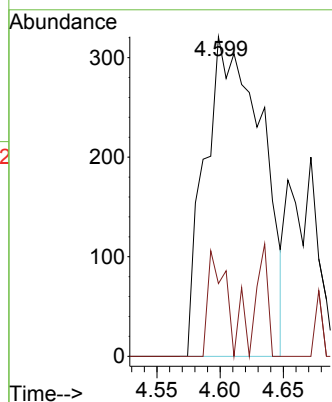
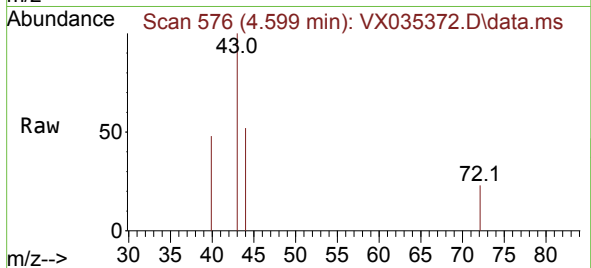




#25
2-Butanone
Concen: 0.543 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

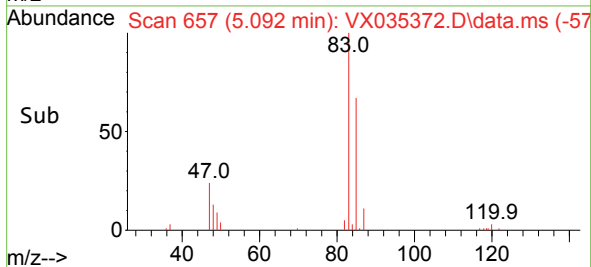
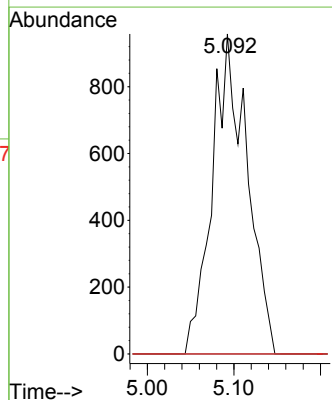
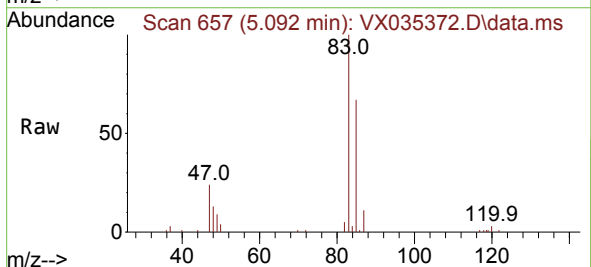
Instrument :
MSVOA_X
ClientSampleId :
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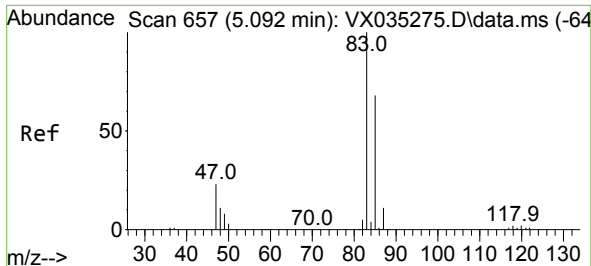
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
72 22.7 19.3 28.9



#28
Bromochloromethane
Concen: 1.371 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

Tgt Ion: 49 Resp: 2684
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#

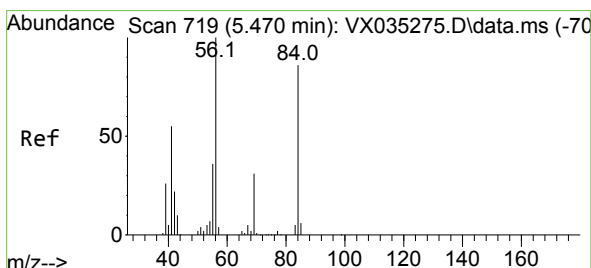
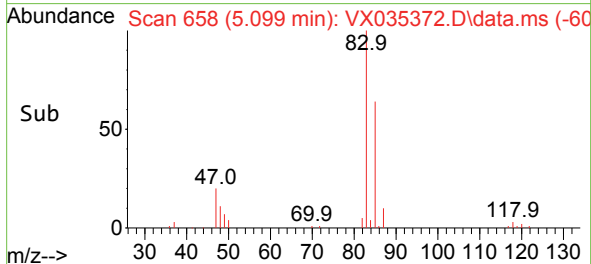
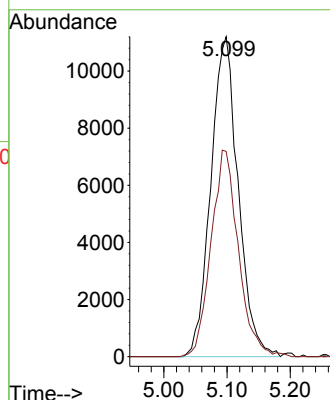
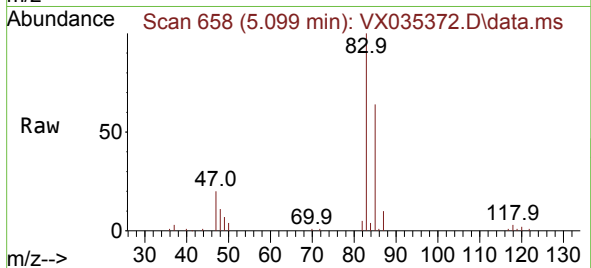




#30
Chloroform
Concen: 7.256 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

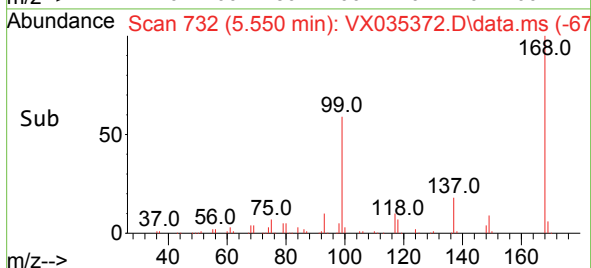
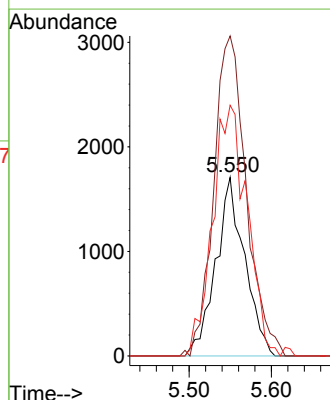
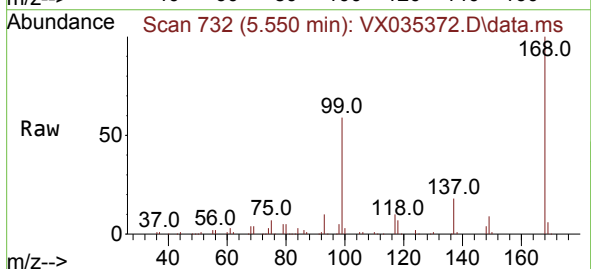
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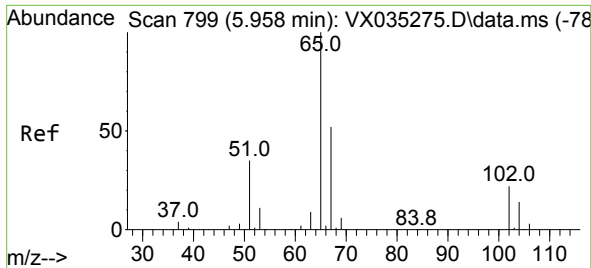
Tgt Ion: 83 Resp: 33648
Ion Ratio Lower Upper
83 100
85 64.2 50.6 76.0



#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

Tgt Ion: 56 Resp: 4162
Ion Ratio Lower Upper
56 100
69 179.2 23.7 35.5#
84 140.5 68.5 102.7#

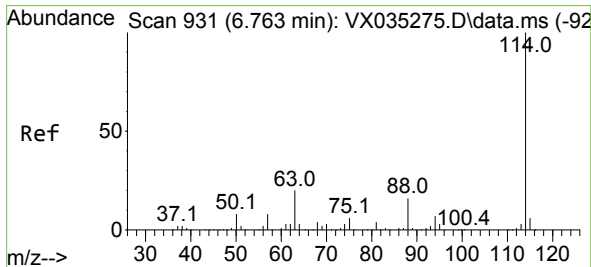
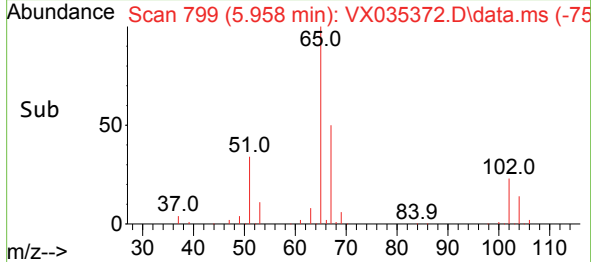
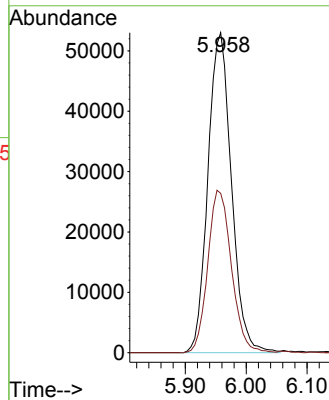
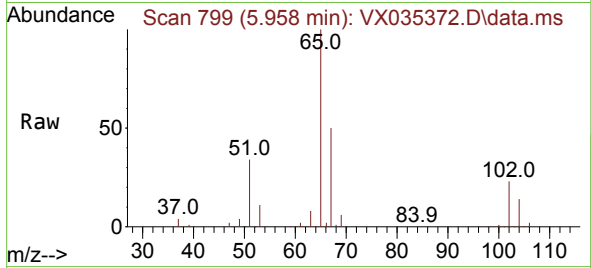




#33
1,2-Dichloroethane-d4
Concen: 48.851 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

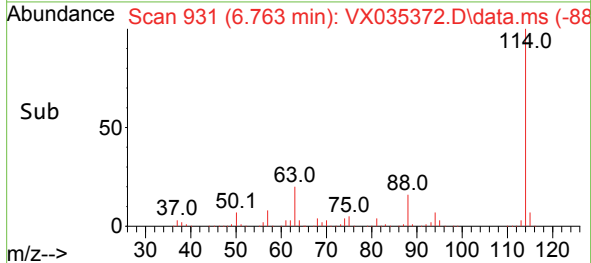
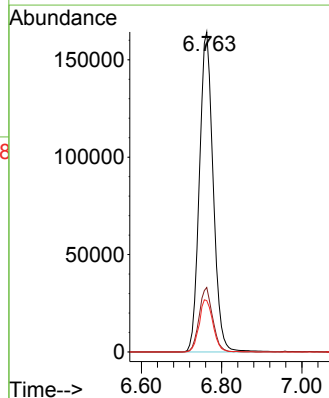
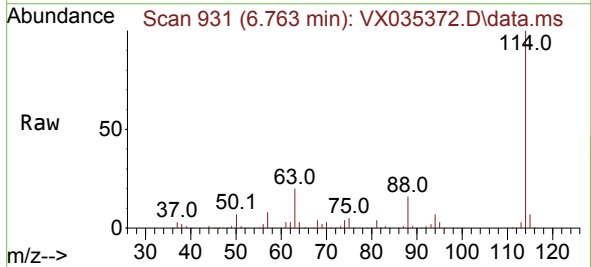
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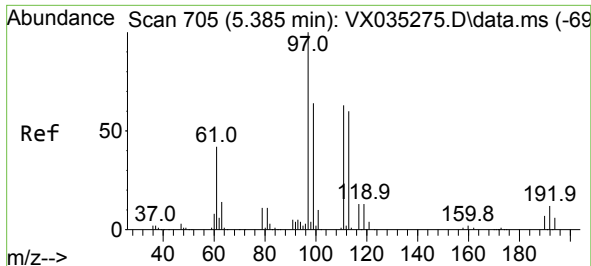
Tgt Ion: 65 Resp: 142104
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

Tgt Ion: 114 Resp: 391392
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.2
88 16.1 0.0 33.2

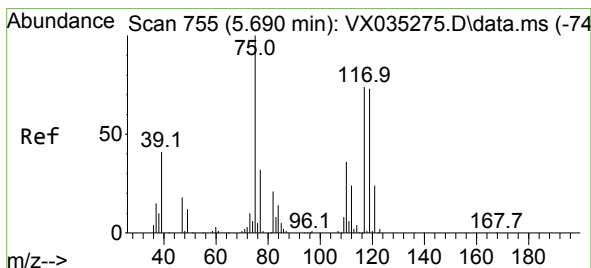
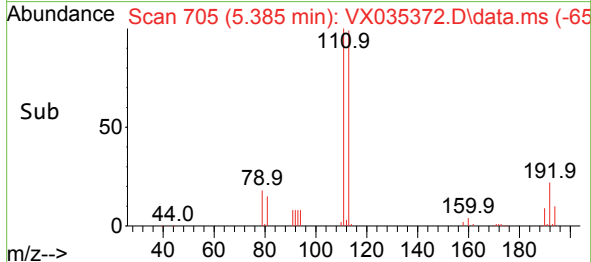
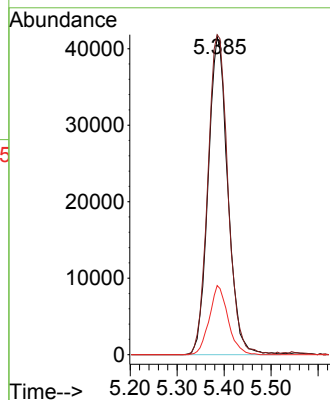
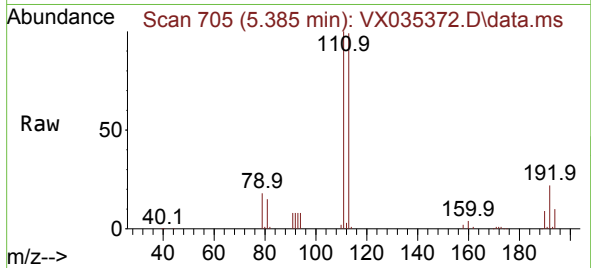




#35
Dibromofluoromethane
Concen: 50.127 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

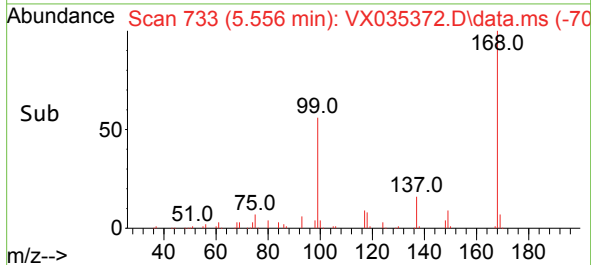
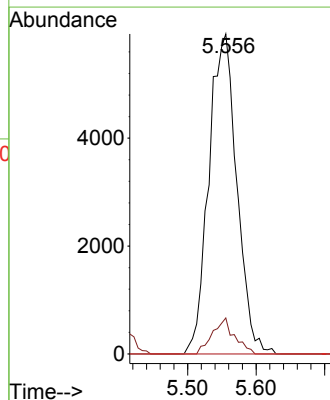
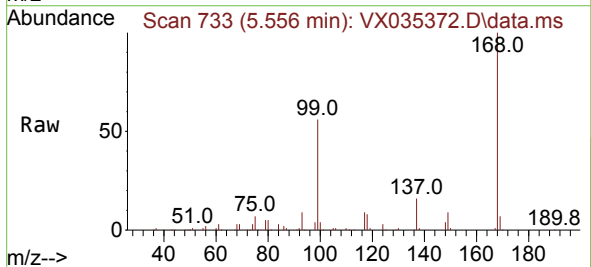
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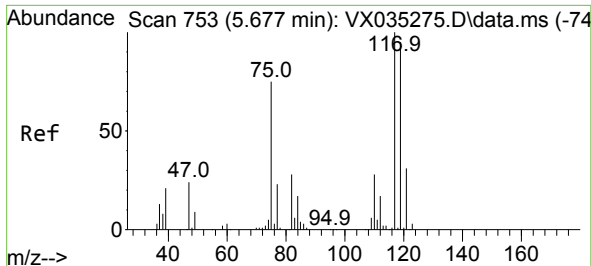
Tgt Ion:113 Resp: 120418
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 20.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

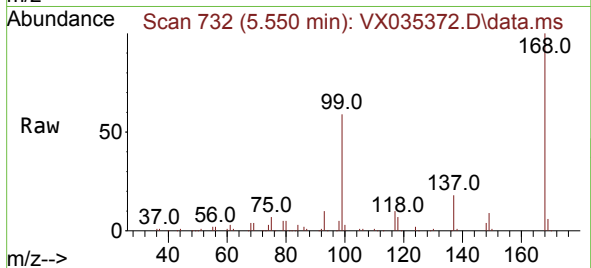
Tgt Ion: 75 Resp: 16854
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.3 36.5#



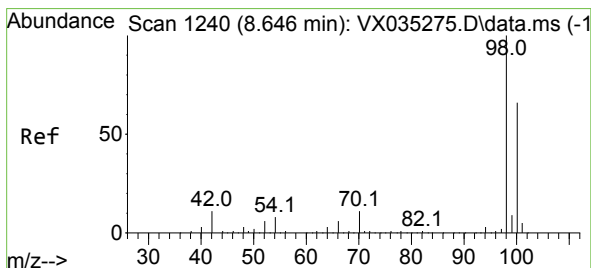
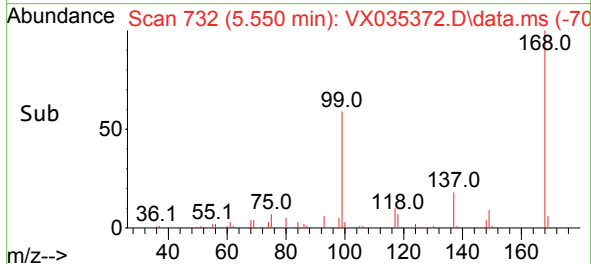
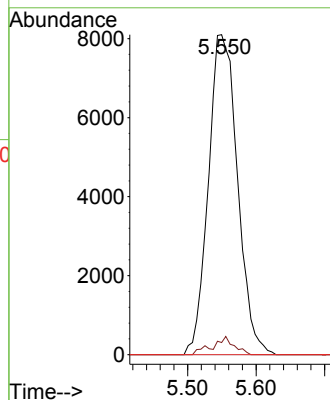


#38
Carbon Tetrachloride
Concen: 6.720 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

Instrument :
MSVOA_X
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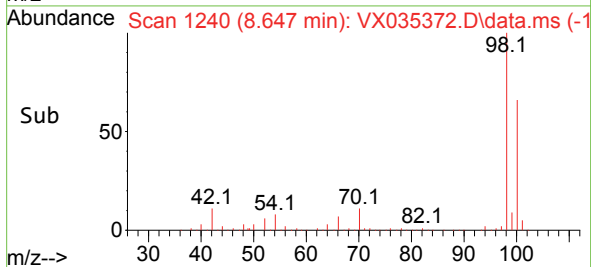
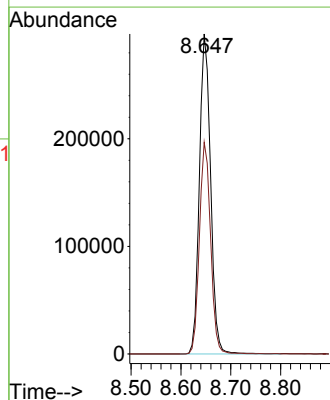
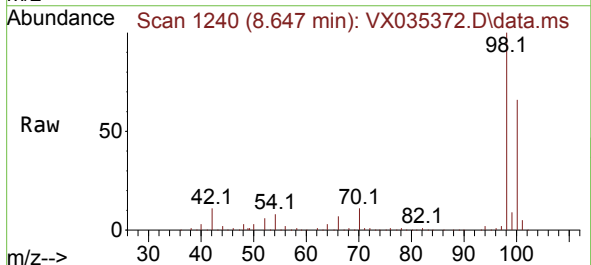


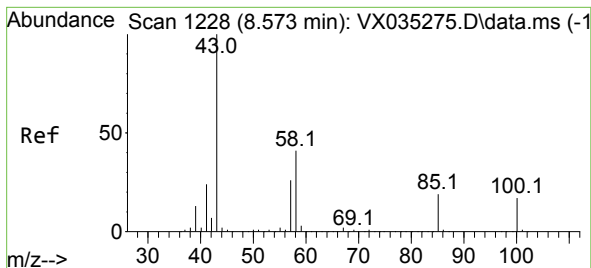
Tgt Ion:117 Resp: 23930
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

Tgt Ion: 98 Resp: 463779
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7

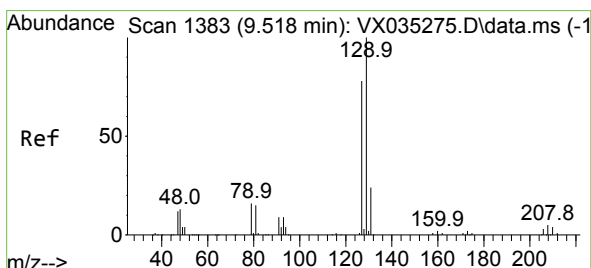
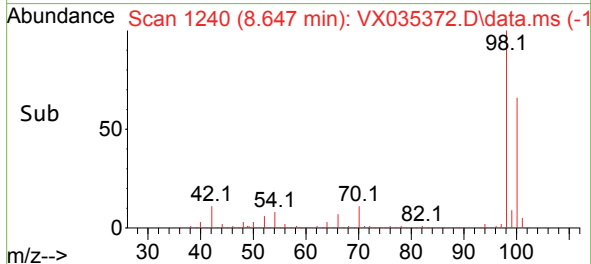
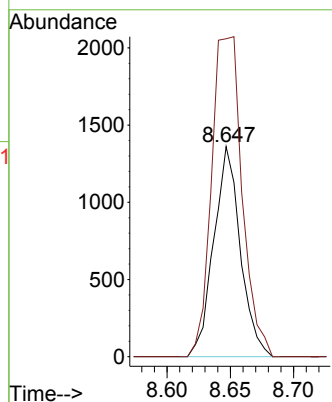
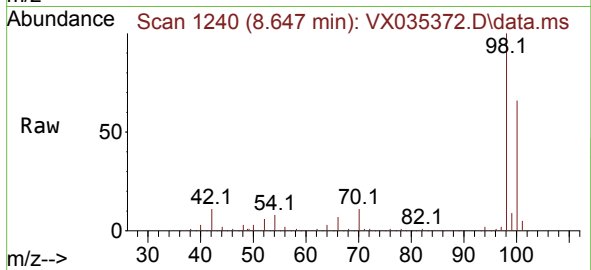




#51
 4-Methyl-2-Pentanone
 Concen: 0.562 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.074 min
 Lab File: VX035372.D
 Acq: 28 Apr 2023 07:41

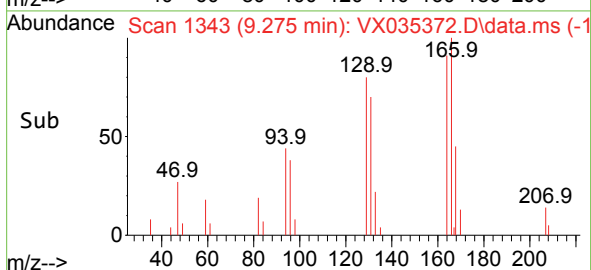
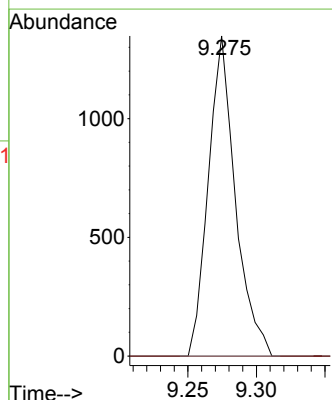
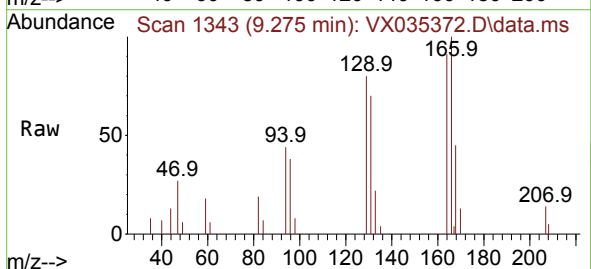
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-17

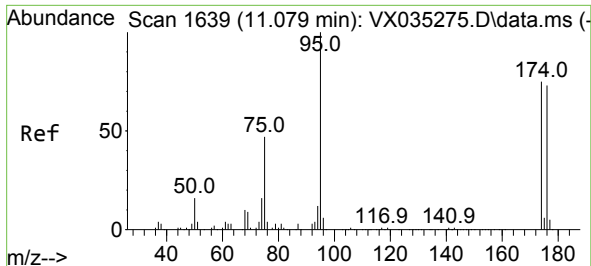
Tgt Ion: 43 Resp: 1986
 Ion Ratio Lower Upper
 43 100
 58 176.3 30.6 46.0#



#60
 Dibromochloromethane
 Concen: 0.711 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.243 min
 Lab File: VX035372.D
 Acq: 28 Apr 2023 07:41

Tgt Ion: 129 Resp: 1852
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.0 117.0#

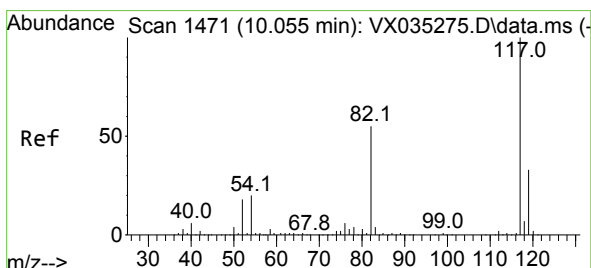
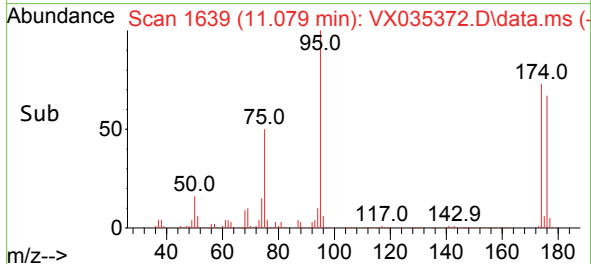
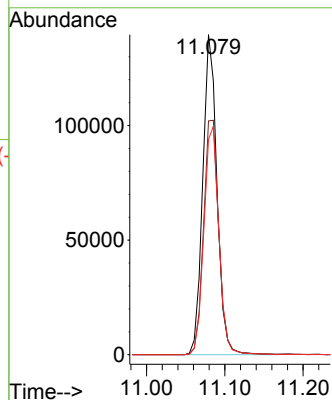
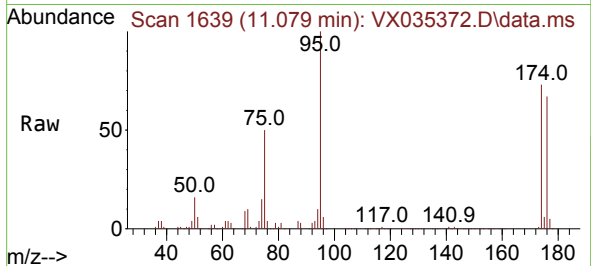




#62
4-Bromofluorobenzene
Concen: 51.604 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

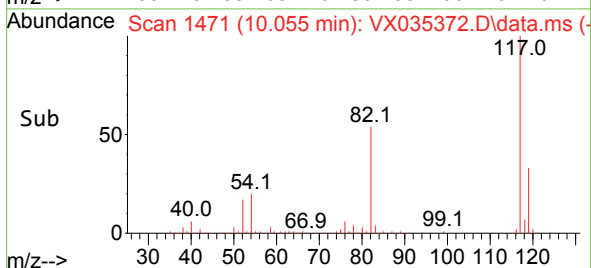
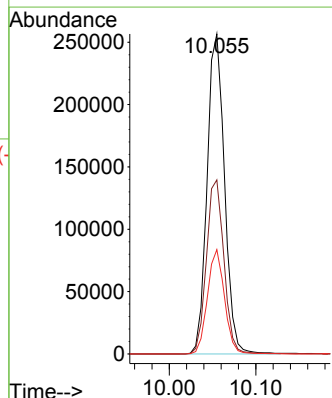
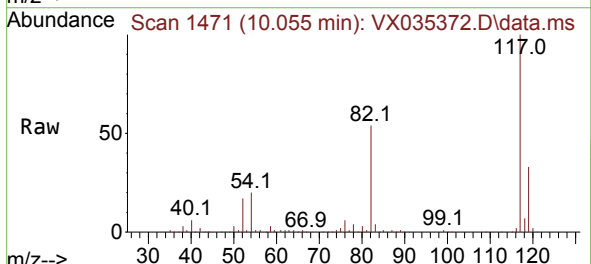
Instrument :
MSVOA_X
ClientSampleId :
MW-17

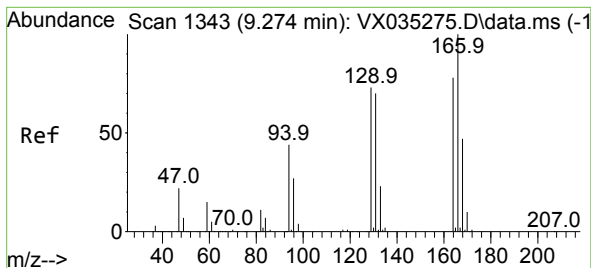
Tgt Ion: 95 Resp: 175917
Ion Ratio Lower Upper
95 100
174 78.7 0.0 147.4
176 75.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035372.D
Acq: 28 Apr 2023 07:41

Tgt Ion: 117 Resp: 358782
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.6 26.0 39.0





#64

Tetrachloroethene

Concen: 0.768 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035372.D

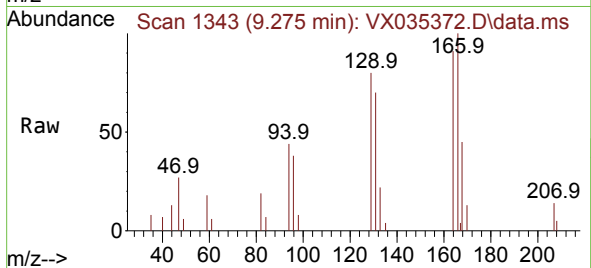
Acq: 28 Apr 2023 07:41

Instrument :

MSVOA_X

ClientSampleId :

MW-17



Tgt Ion:164 Resp: 2110

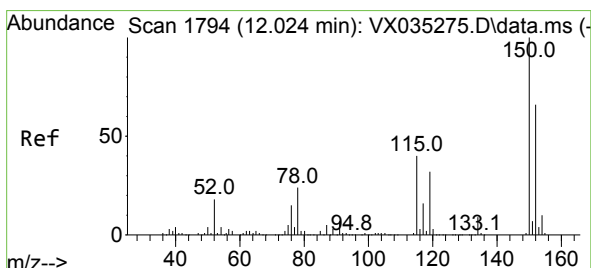
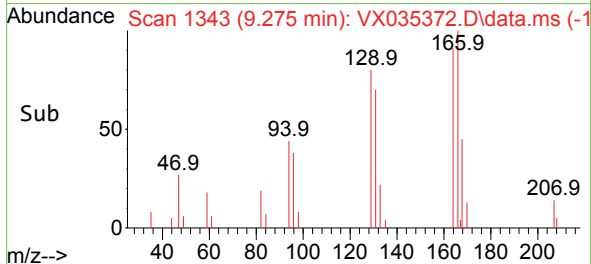
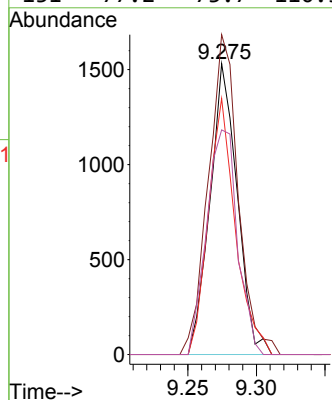
Ion Ratio Lower Upper

164 100

166 109.9 102.7 154.1

129 88.0 75.6 113.4

131 77.2 73.7 110.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035372.D

Acq: 28 Apr 2023 07:41

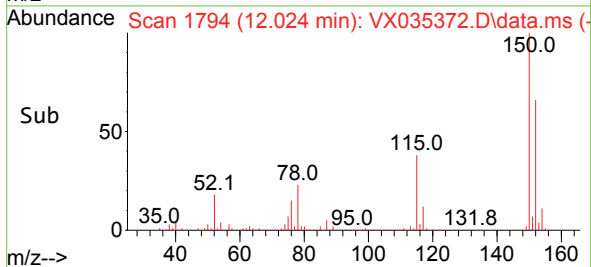
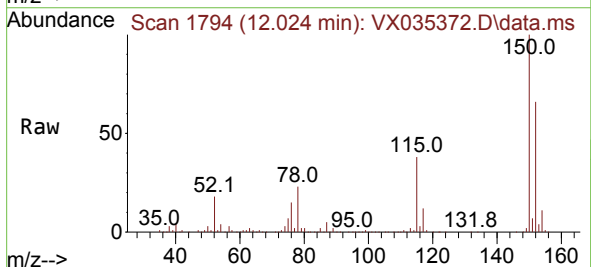
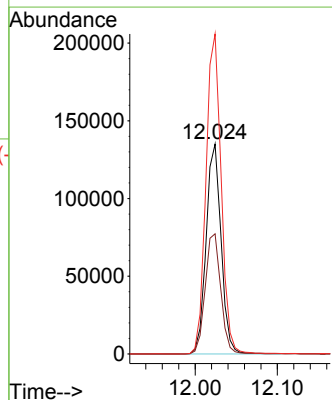
Tgt Ion:152 Resp: 171080

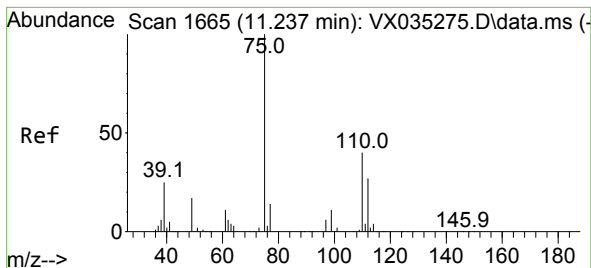
Ion Ratio Lower Upper

152 100

115 59.4 45.0 135.0

150 154.7 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.506 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035372.D

Acq: 28 Apr 2023 07:41

Instrument :

MSVOA_X

ClientSampleId :

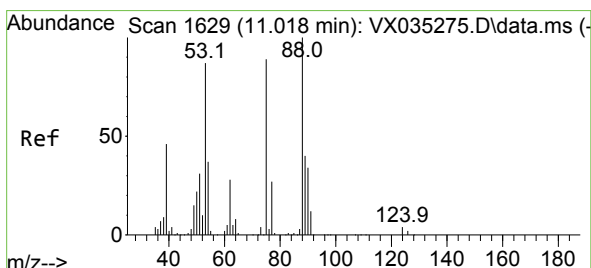
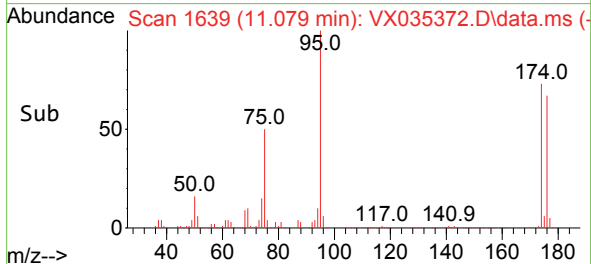
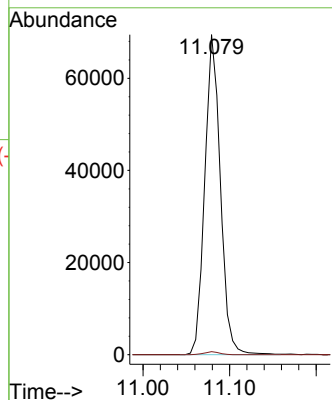
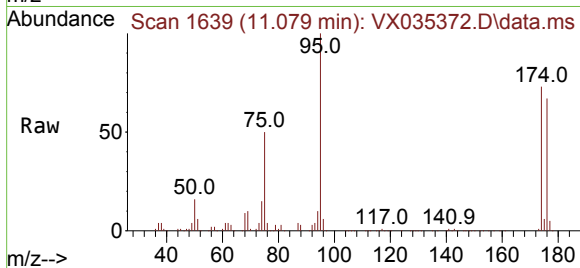
MW-17

Tgt Ion: 75 Resp: 87044

Ion Ratio Lower Upper

75 100

77 0.9 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 82.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035372.D

Acq: 28 Apr 2023 07:41

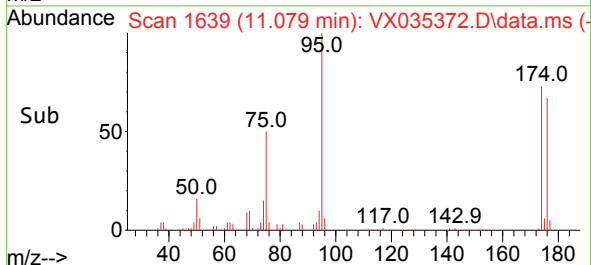
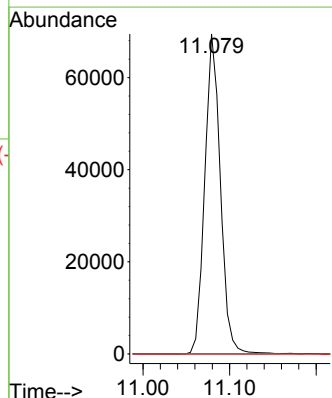
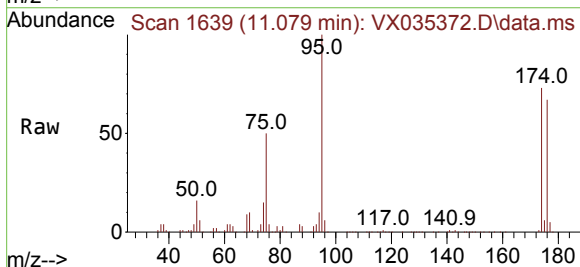
Tgt Ion: 75 Resp: 87044

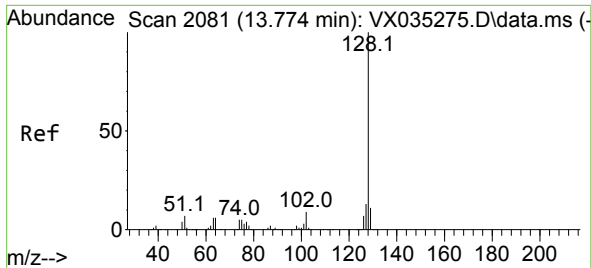
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.250 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX035372.D

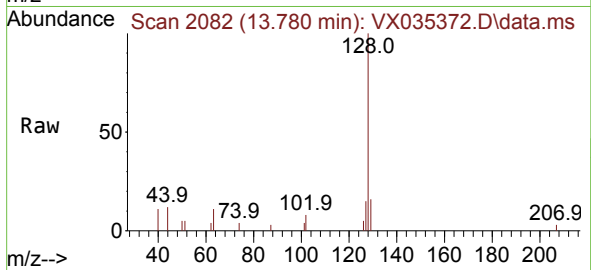
Acq: 28 Apr 2023 07:41

Instrument :

MSVOA_X

ClientSampleId :

MW-17



Tgt Ion:128 Resp: 2863

Ion Ratio Lower Upper

128 100

127 15.7 10.2 15.4#

129 13.4 8.6 13.0#

