

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035838.D
 Acq On : 24 May 2023 16:01
 Operator : JC/MD
 Sample : 02911-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230522

Quant Time: May 25 05:32:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

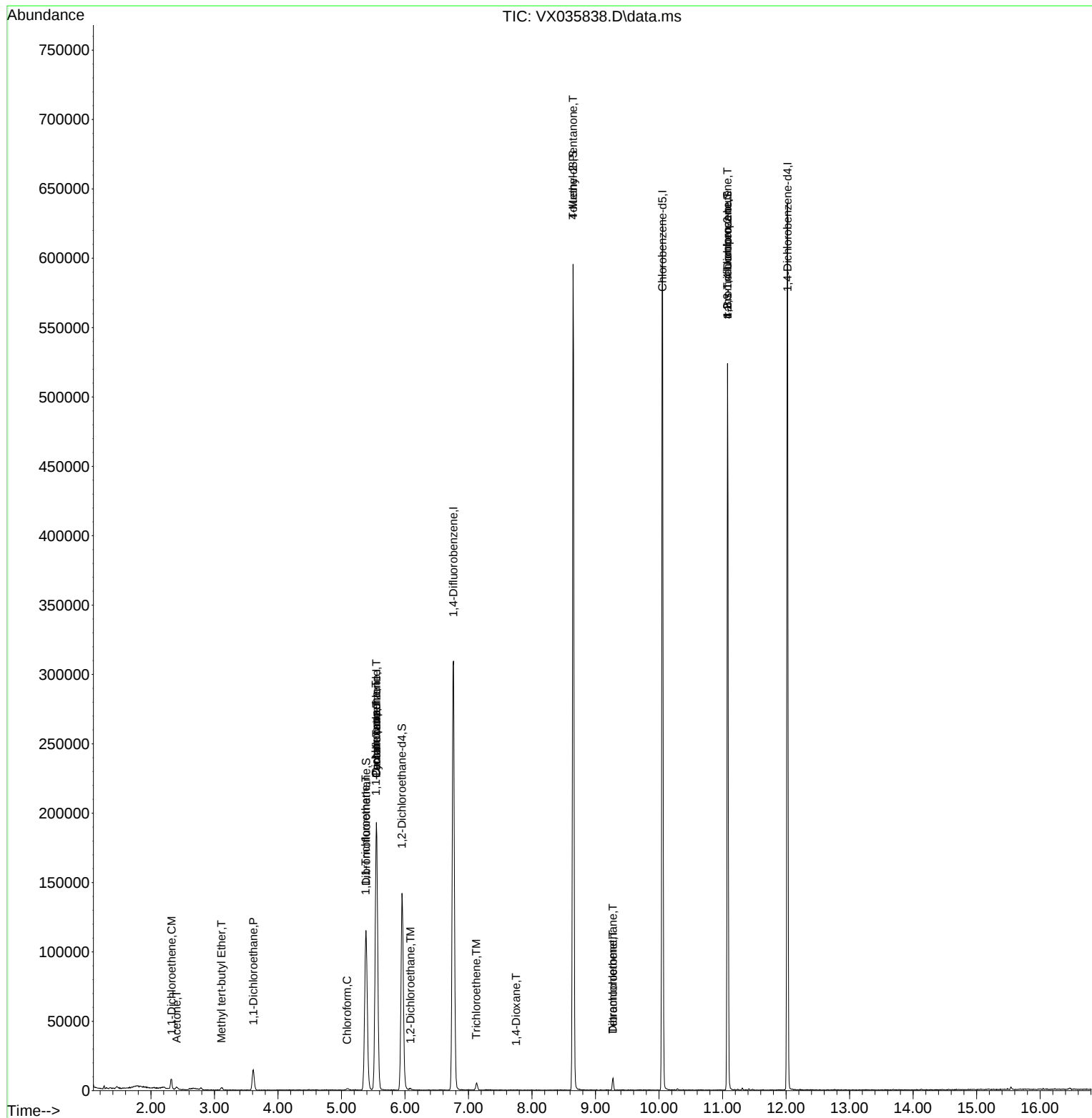
Internal Standards						
1) Pentafluorobenzene	5.550	168	173318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	130399	43.127	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.260%
35) Dibromofluoromethane	5.385	113	98506	47.691	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.647	98	335135	43.920	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.840%#
62) 4-Bromofluorobenzene	11.079	95	132662	43.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.360%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	2234	1.157	ug/l	91
16) Acetone	2.404	43	2937	2.260	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1873	0.244	ug/l	93
24) 1,1-Dichloroethane	3.611	63	15960	3.686	ug/l	98
30) Chloroform	5.086	83	1358	0.306	ug/l	85
31) Cyclohexane	5.550	56	4371	1.144	ug/l #	3
32) 1,1,1-Trichloroethane	5.379	97	1302	0.337	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	14883	4.565	ug/l #	51
38) Carbon Tetrachloride	5.550	117	18800	6.087	ug/l #	16
42) 1,2-Dichloroethane	6.086	62	991	0.253	ug/l #	75
44) Trichloroethene	7.123	130	1897	0.820	ug/l	96
49) 1,4-Dioxane	7.751	88	53	2.817	ug/l #	60
51) 4-Methyl-2-Pentanone	8.647	43	1734	0.508	ug/l #	1
60) Dibromochloromethane	9.275	129	1291	0.599	ug/l #	10
64) Tetrachloroethene	9.275	164	1293	0.716	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	71383	23.203	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	71383	74.781	ug/l #	8

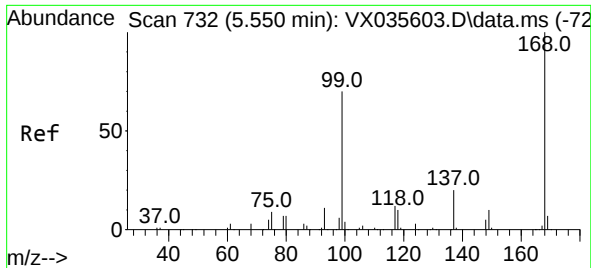
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

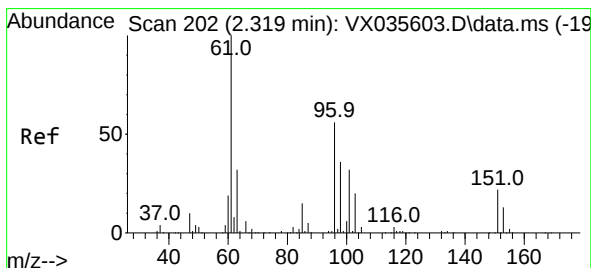
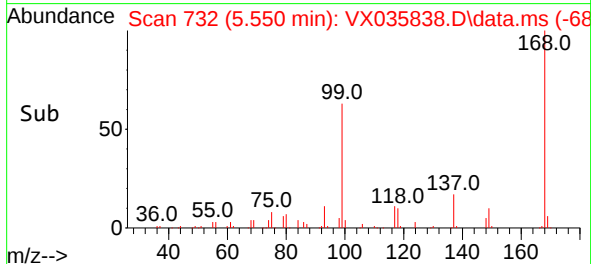
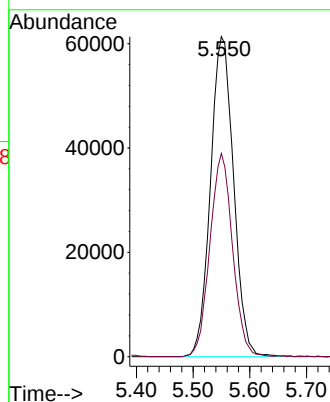
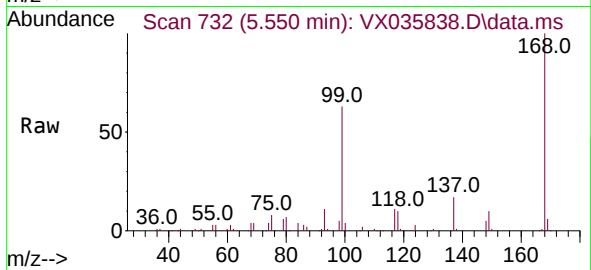




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

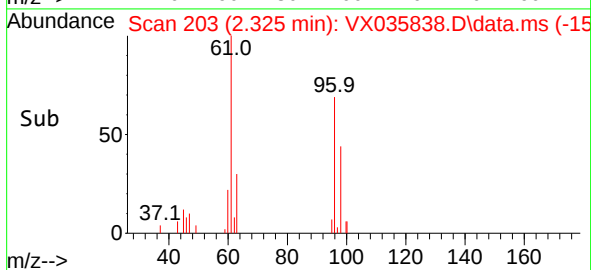
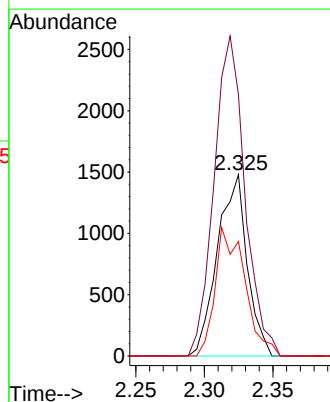
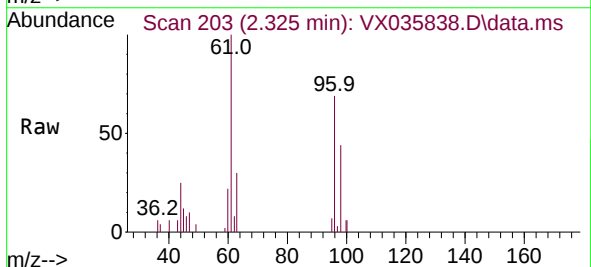
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

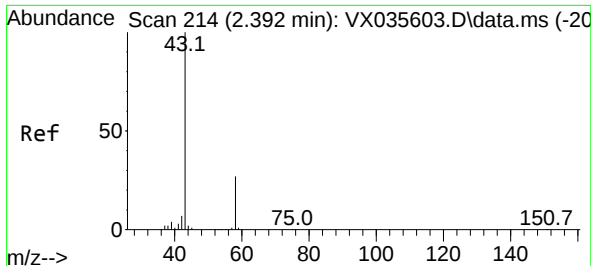
Tgt Ion:168 Resp: 173318
Ion Ratio Lower Upper
168 100
99 63.5 45.7 68.5



#12
1,1-Dichloroethene
Concen: 1.157 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Tgt Ion: 96 Resp: 2234
Ion Ratio Lower Upper
96 100
61 144.2 128.8 193.2
98 63.2 51.4 77.0





#16

Acetone

Concen: 2.260 ug/l

RT: 2.404 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX035838.D

Acq: 24 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

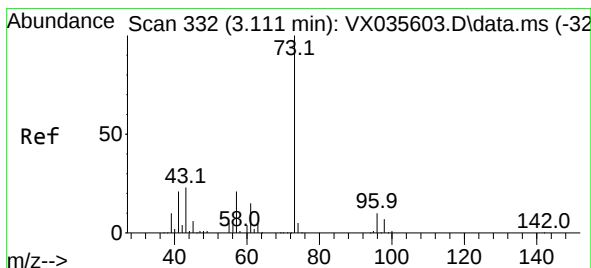
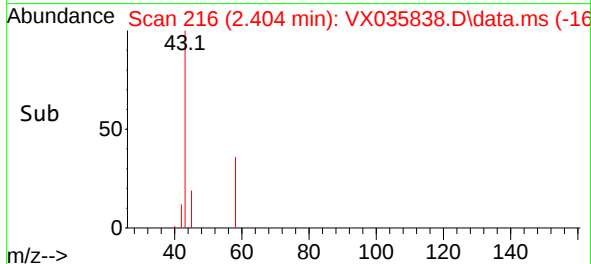
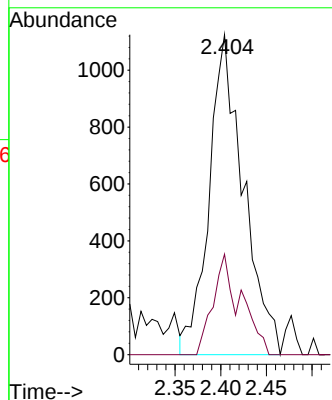
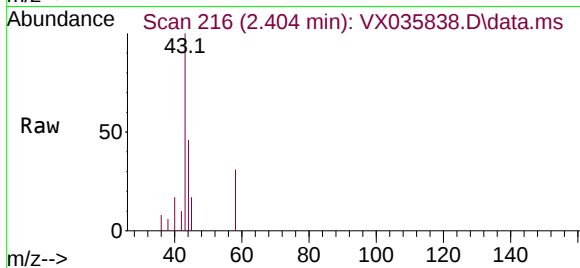
TT17411-20230522

Tgt Ion: 43 Resp: 2937

Ion Ratio Lower Upper

43 100

58 31.4 24.7 37.1



#19

Methyl tert-butyl Ether

Concen: 0.244 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX035838.D

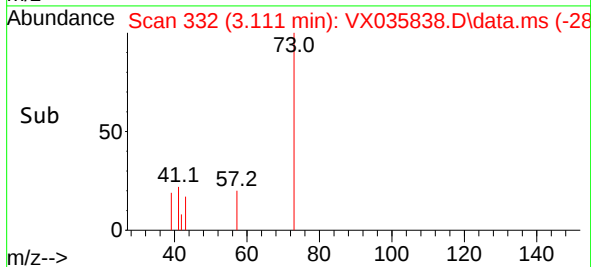
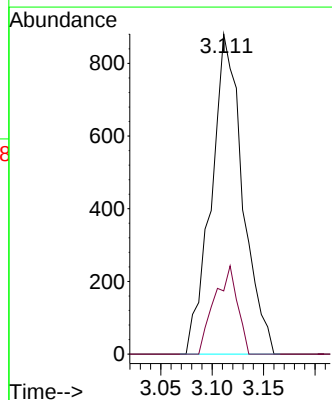
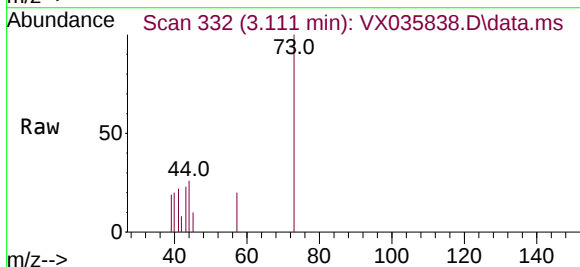
Acq: 24 May 2023 16:01

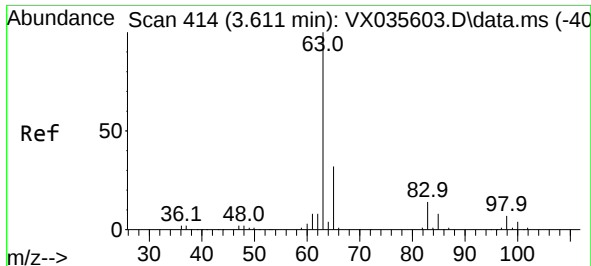
Tgt Ion: 73 Resp: 1873

Ion Ratio Lower Upper

73 100

57 19.8 18.5 27.7

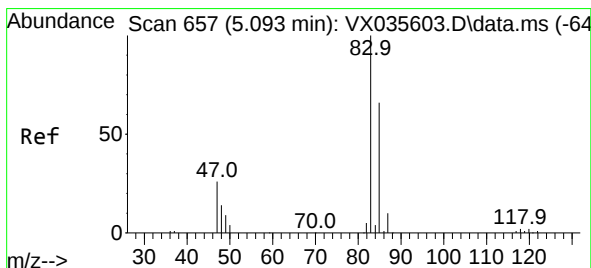
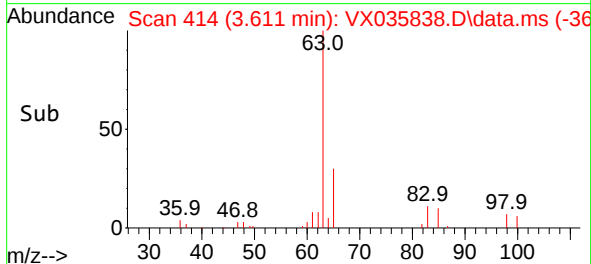
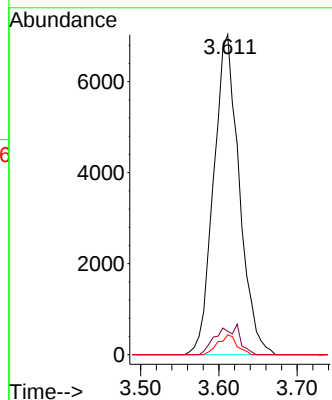
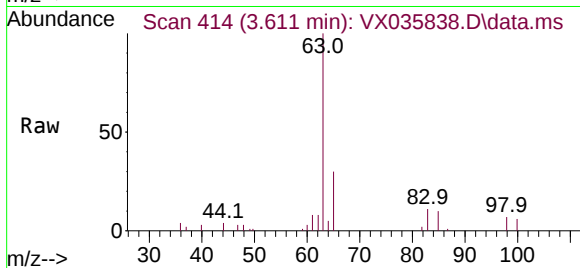




#24
1,1-Dichloroethane
Concen: 3.686 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

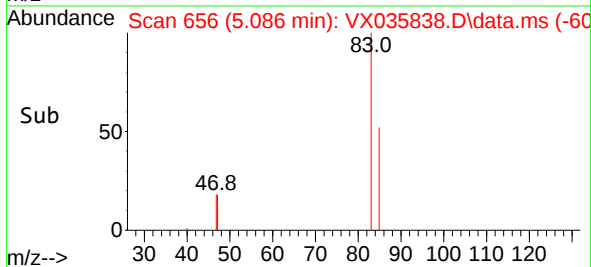
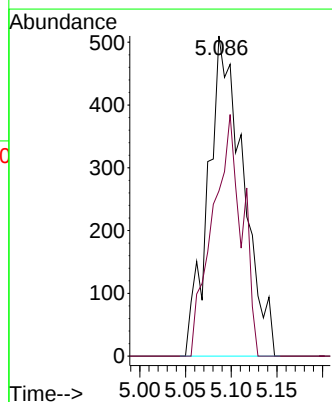
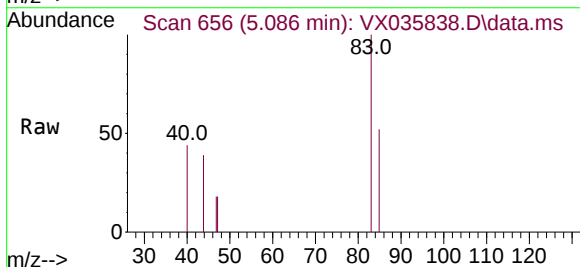
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

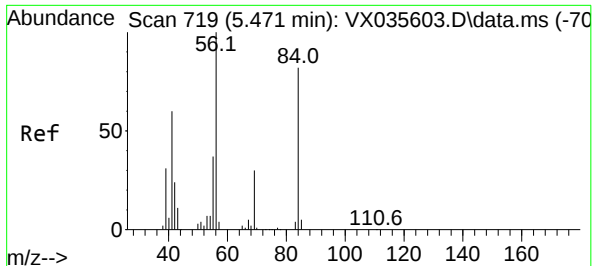
Tgt Ion: 63 Resp: 15960
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.2
100 6.2 2.4 7.1



#30
Chloroform
Concen: 0.306 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.007 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

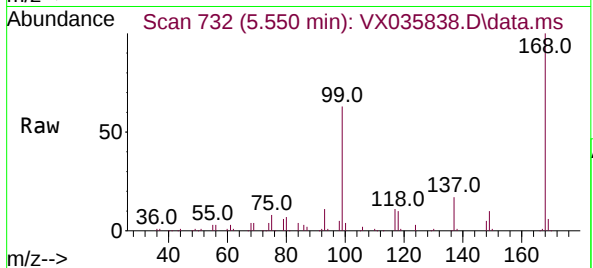
Tgt Ion: 83 Resp: 1358
Ion Ratio Lower Upper
83 100
85 51.6 50.6 76.0



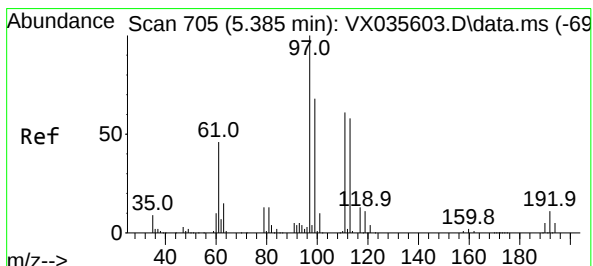
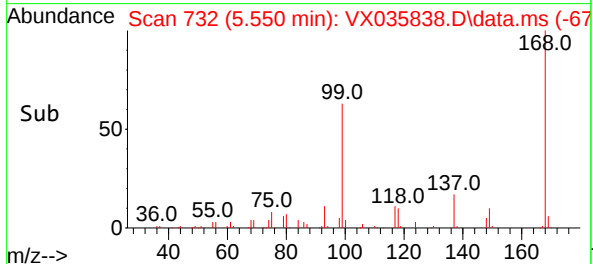
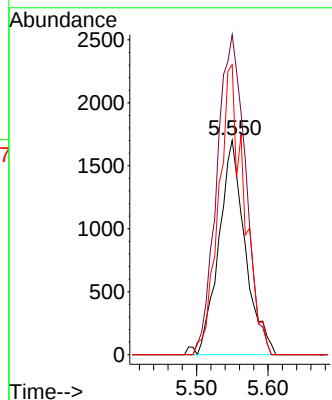


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

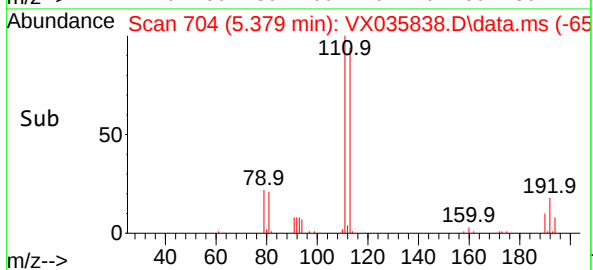
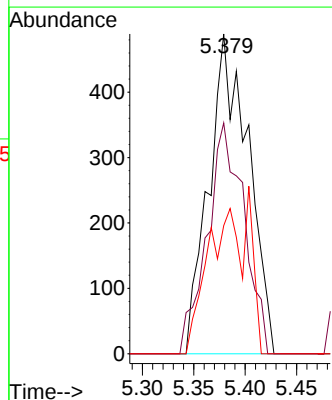
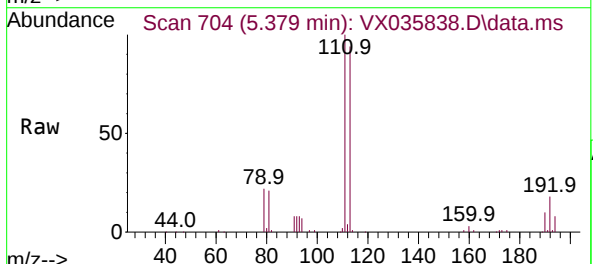


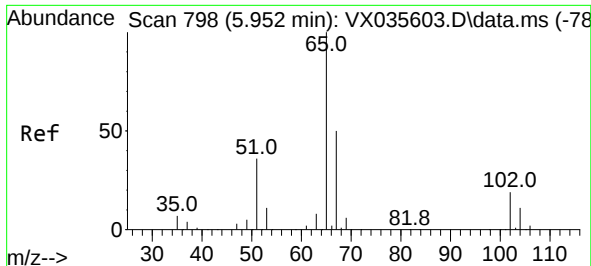
Tgt Ion: 56 Resp: 4371
Ion Ratio Lower Upper
56 100
69 149.2 23.7 35.5#
84 135.2 68.5 102.7#



#32
1,1,1-Trichloroethane
Concen: 0.337 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Tgt Ion: 97 Resp: 1302
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 37.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 43.127 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035838.D

Acq: 24 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

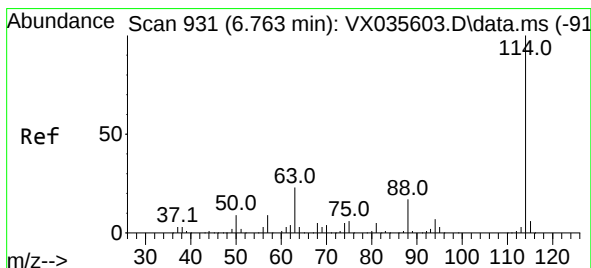
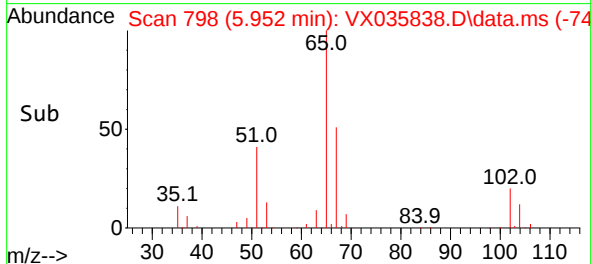
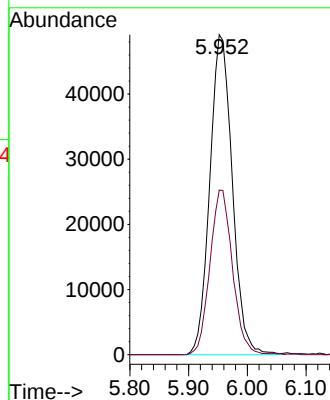
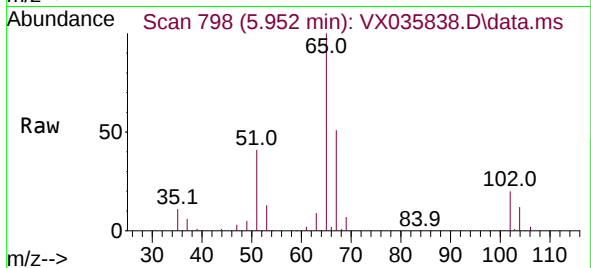
TT17411-20230522

Tgt Ion: 65 Resp: 130399

Ion Ratio Lower Upper

65 100

67 51.7 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: VX035838.D

Acq: 24 May 2023 16:01

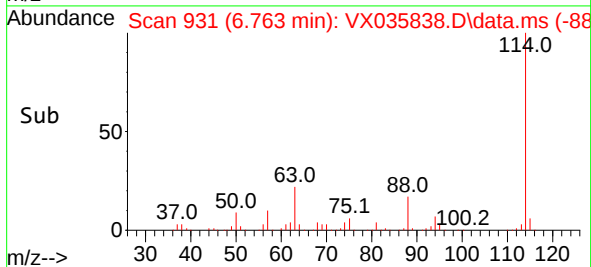
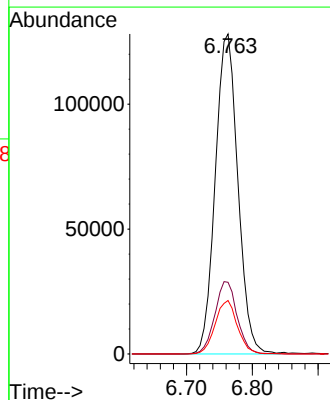
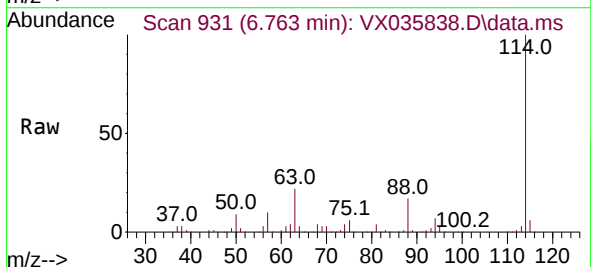
Tgt Ion: 114 Resp: 306275

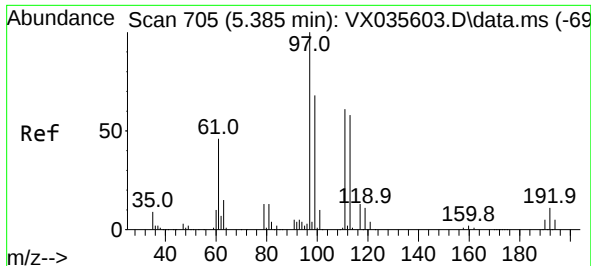
Ion Ratio Lower Upper

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63 22.4 0.0 42.2

88 16.7 0.0 33.2

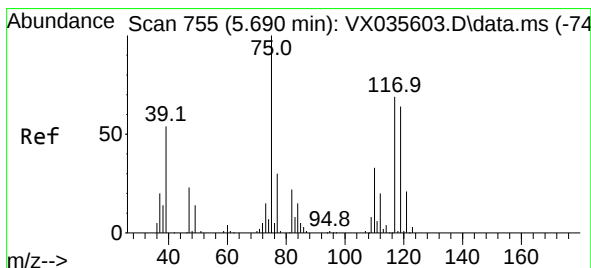
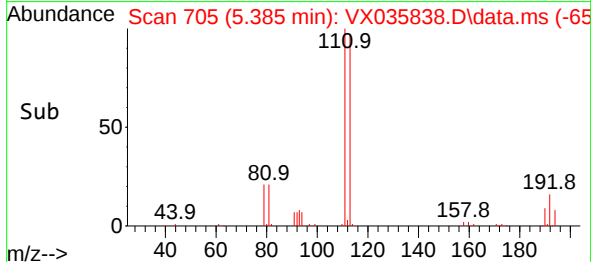
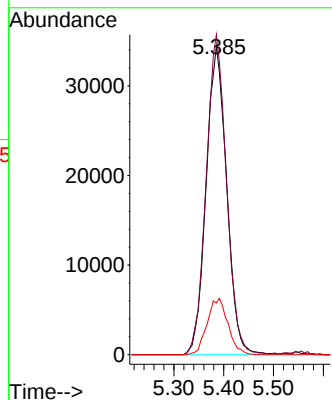
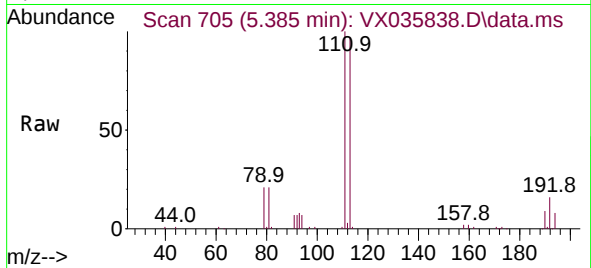




#35
Dibromofluoromethane
Concen: 47.691 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

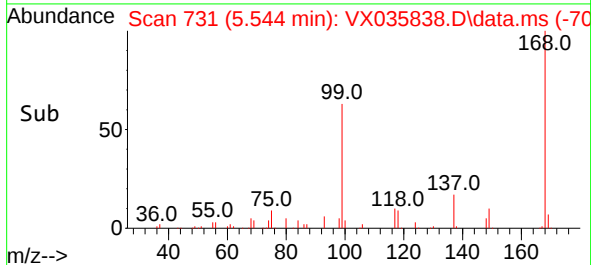
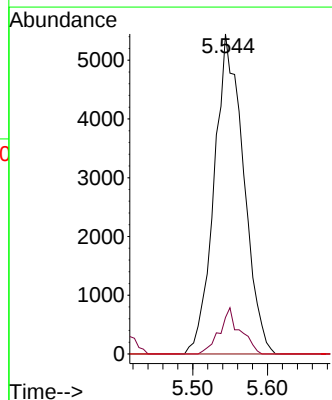
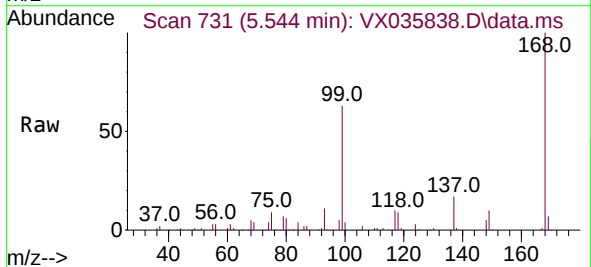
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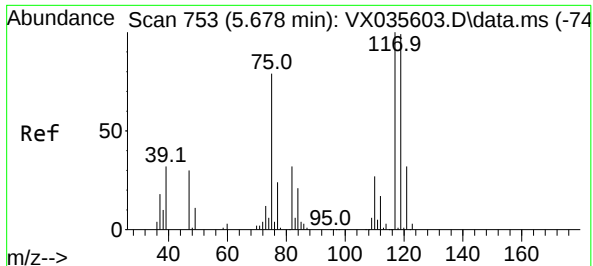
Tgt Ion:113 Resp: 98506
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

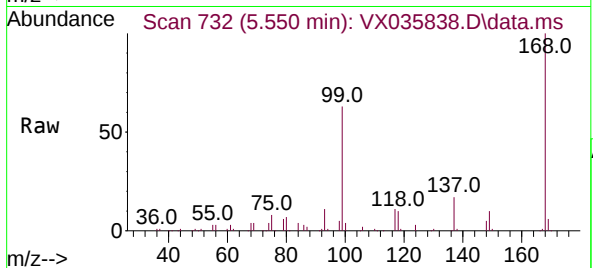
Tgt Ion: 75 Resp: 14883
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



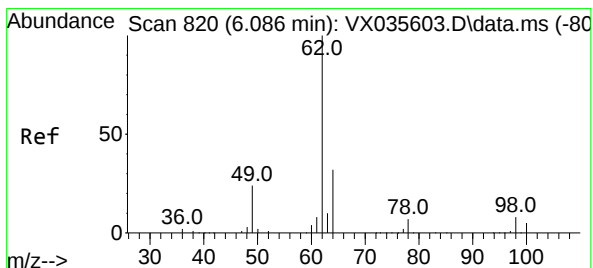
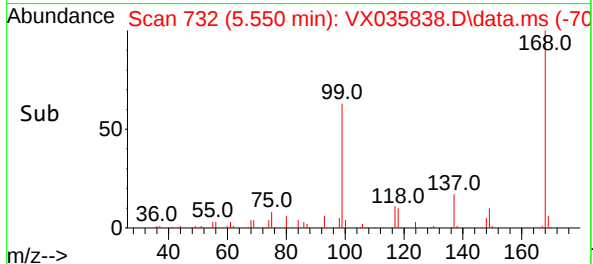
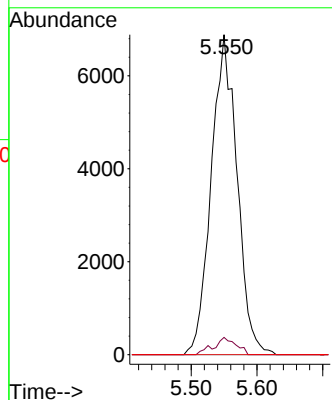


#38
Carbon Tetrachloride
Concen: 6.087 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
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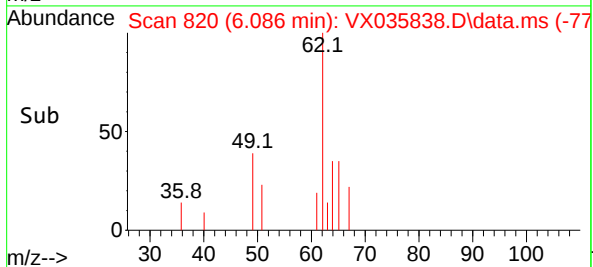
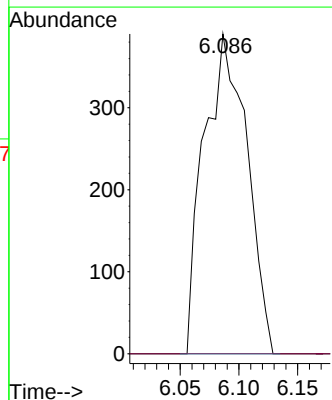
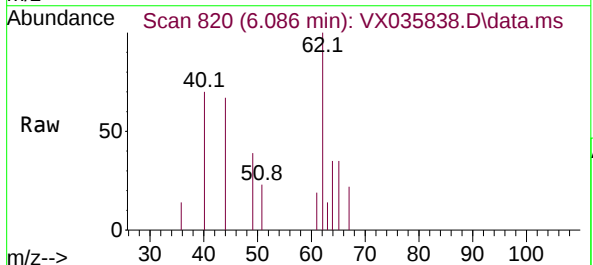


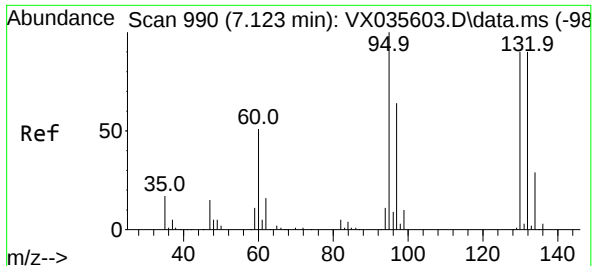
Tgt Ion:117 Resp: 18800
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#



#42
1,2-Dichloroethane
Concen: 0.253 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

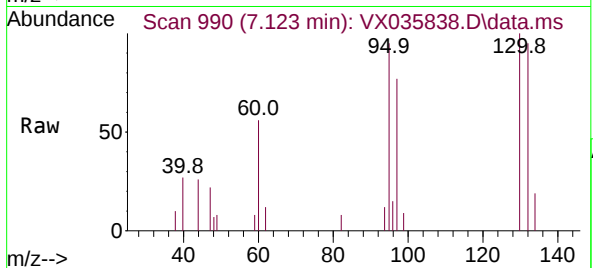
Tgt Ion: 62 Resp: 991
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.0



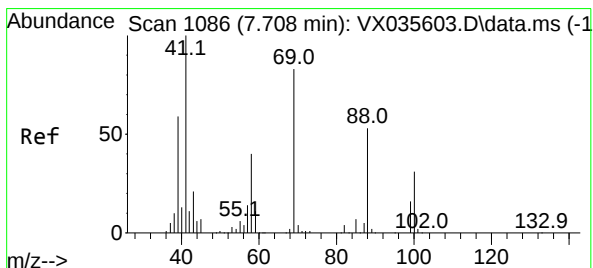
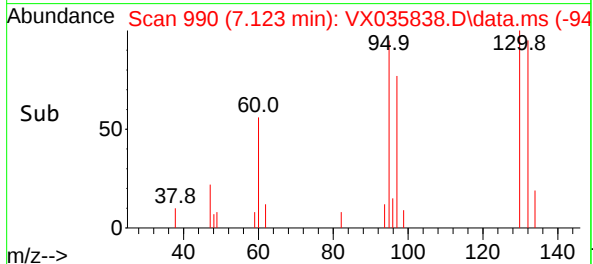
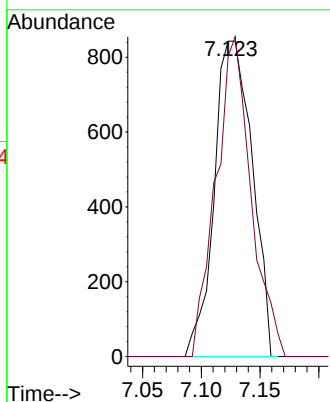


#44
Trichloroethene
Concen: 0.820 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

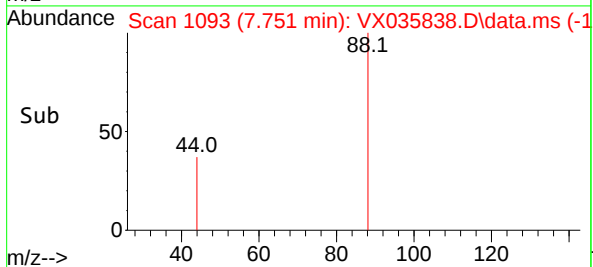
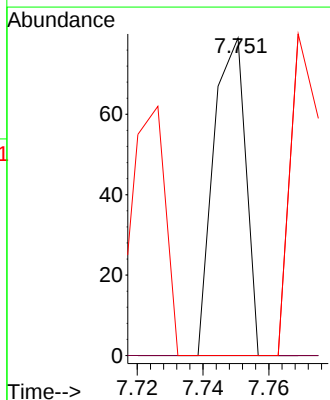
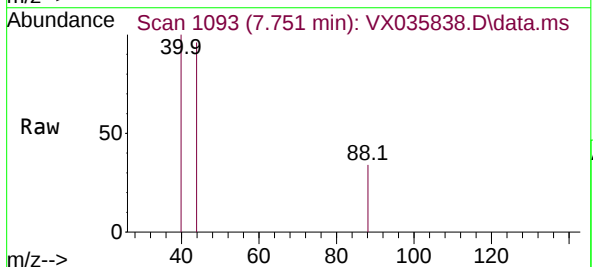


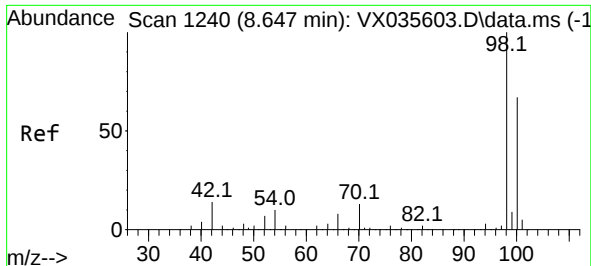
Tgt Ion:130 Resp: 1897
Ion Ratio Lower Upper
130 100
95 95.1 0.0 198.4



#49
1,4-Dioxane
Concen: 2.817 ug/l
RT: 7.751 min Scan# 1093
Delta R.T. 0.043 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 96.2 56.8 85.2#

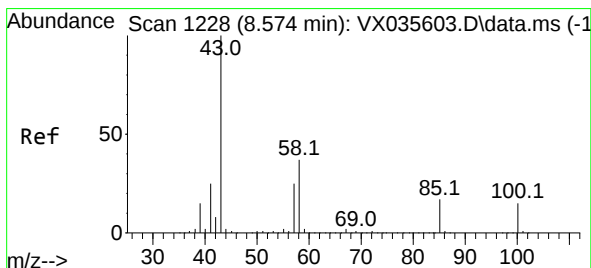
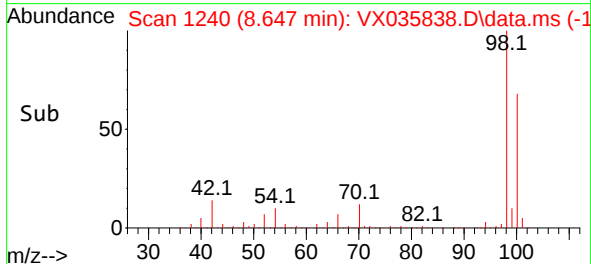
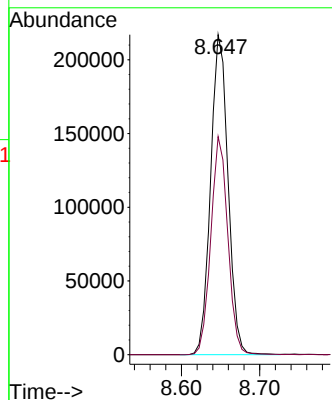
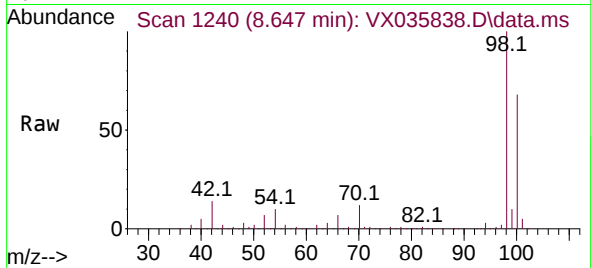




#50
Toluene-d8
Concen: 43.920 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

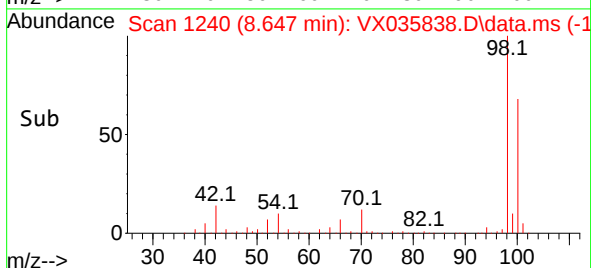
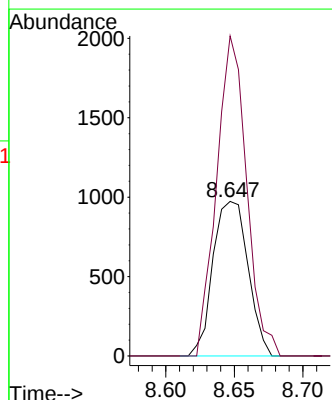
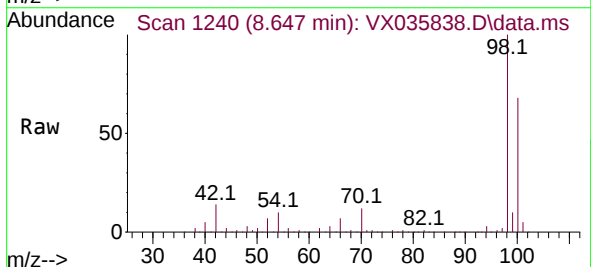
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

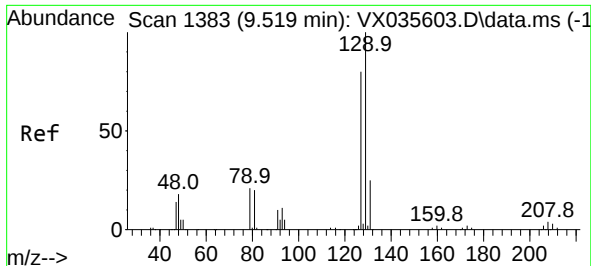
Tgt Ion: 98 Resp: 335135
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Tgt Ion: 43 Resp: 1734
Ion Ratio Lower Upper
43 100
58 177.4 30.6 46.0#

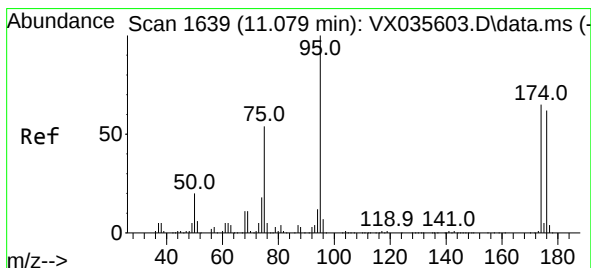
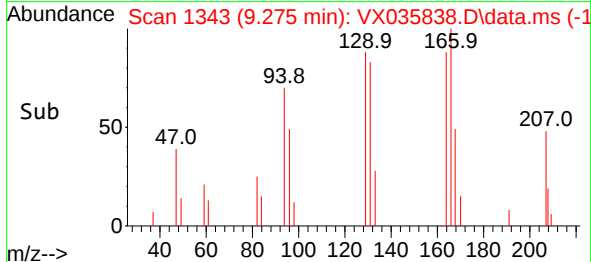
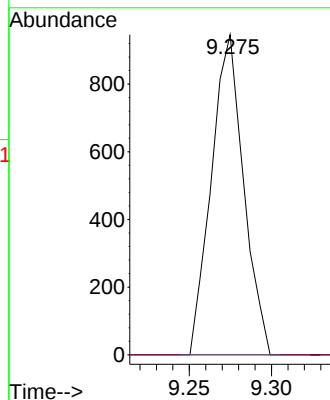
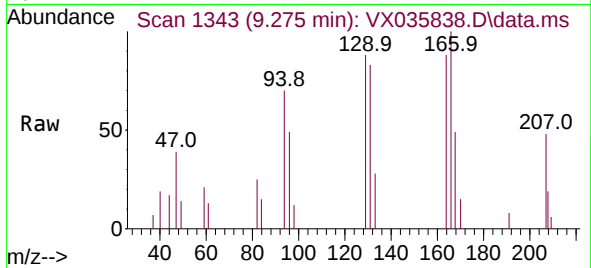




#60
Dibromochloromethane
Concen: 0.599 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

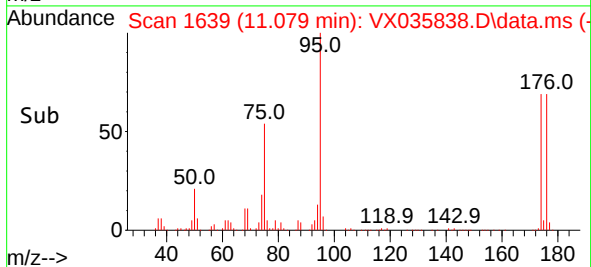
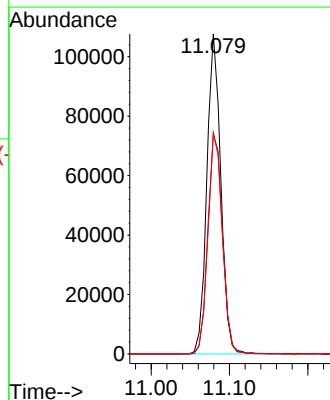
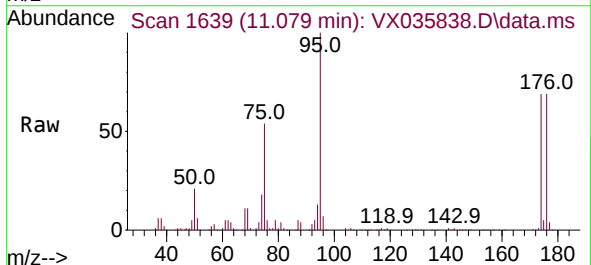
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

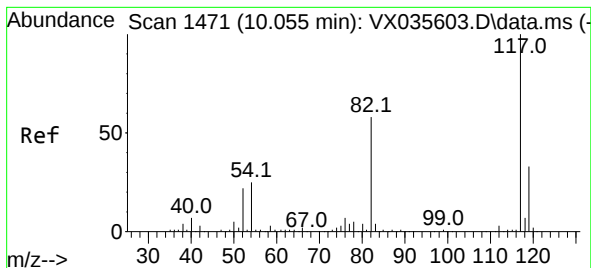
Tgt Ion:129 Resp: 1291
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 43.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Tgt Ion: 95 Resp: 132662
Ion Ratio Lower Upper
95 100
174 72.2 0.0 147.4
176 70.9 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: VX035838.D

Acq: 24 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20230522

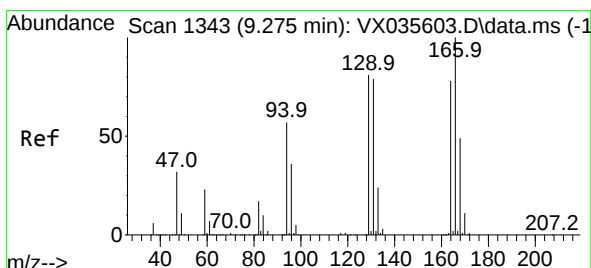
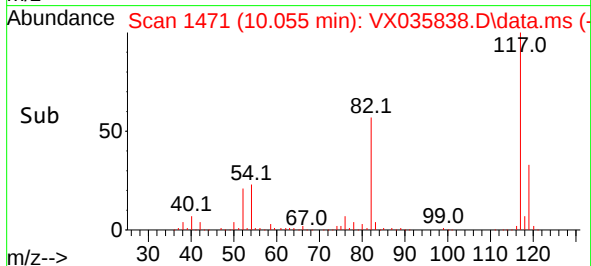
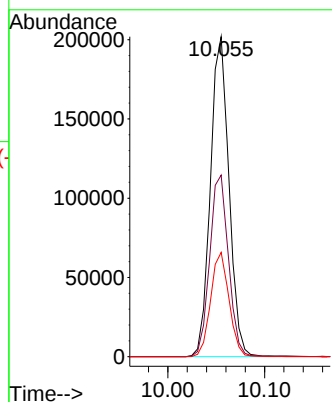
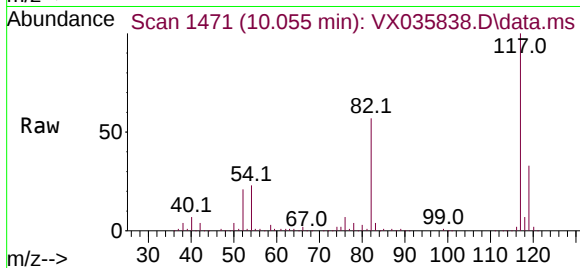
Tgt Ion:117 Resp: 268414

Ion Ratio Lower Upper

117 100

82 56.8 45.0 67.4

119 32.6 26.0 39.0



#64

Tetrachloroethene

Concen: 0.716 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035838.D

Acq: 24 May 2023 16:01

Tgt Ion:164 Resp: 1293

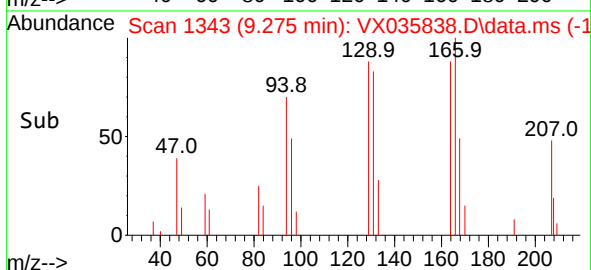
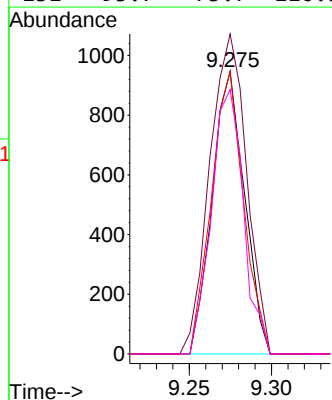
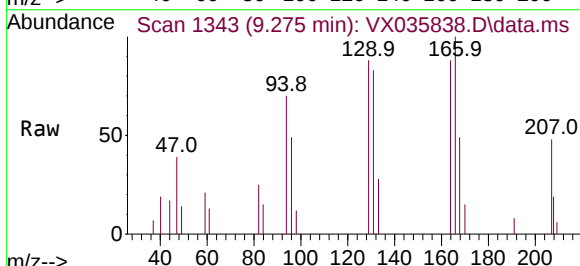
Ion Ratio Lower Upper

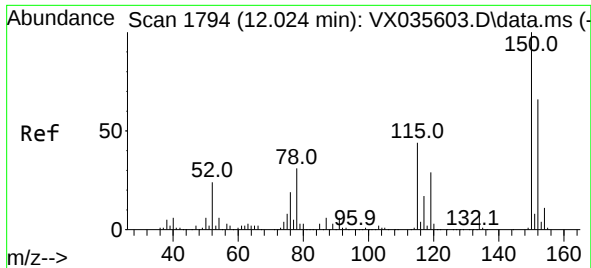
164 100

166 113.3 102.7 154.1

129 100.0 75.6 113.4

131 93.7 73.7 110.5

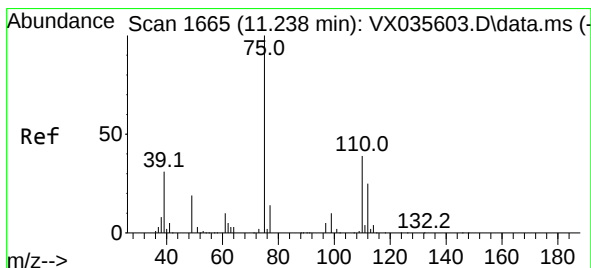
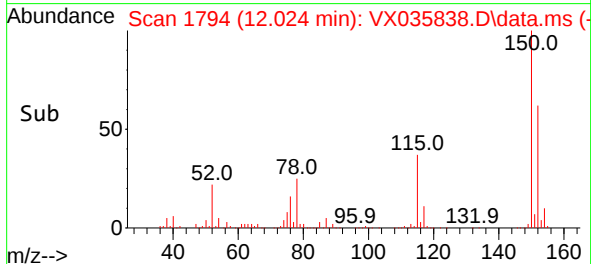
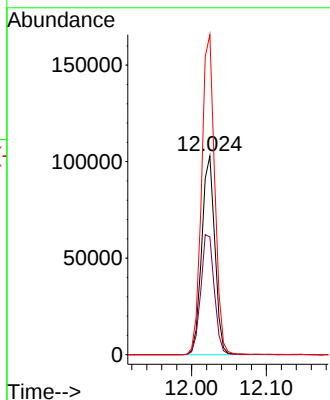
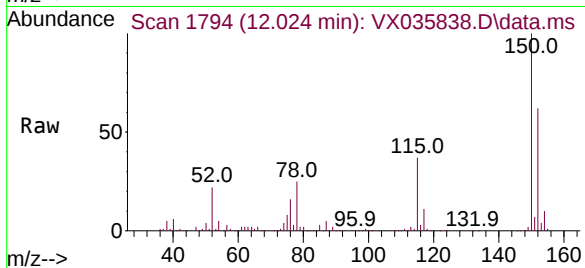




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035838.D
 Acq: 24 May 2023 16:01

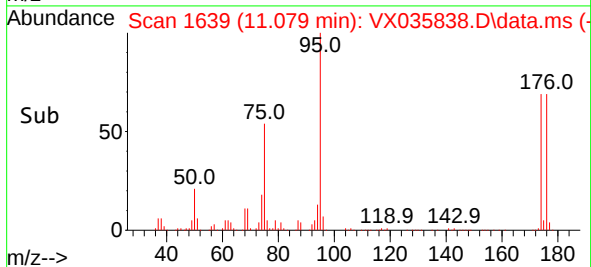
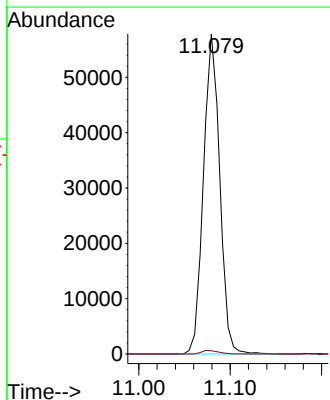
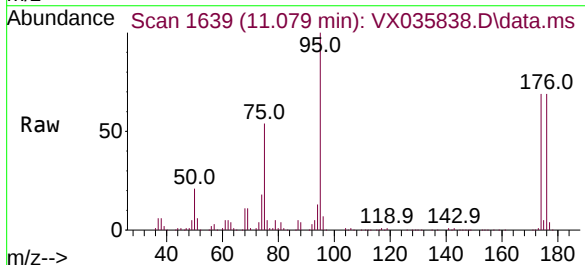
Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230522

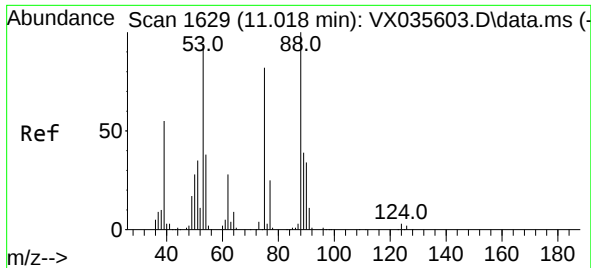
Tgt Ion:152 Resp: 125772
 Ion Ratio Lower Upper
 152 100
 115 62.2 45.0 135.0
 150 161.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 23.203 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035838.D
 Acq: 24 May 2023 16:01

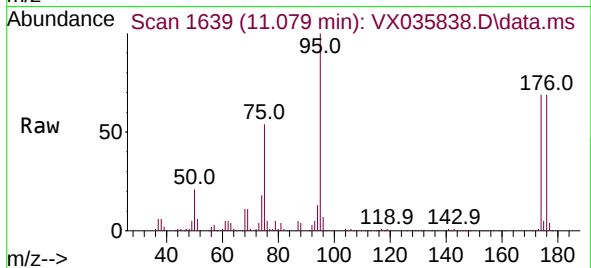
Tgt Ion: 75 Resp: 71383
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.781 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035838.D
 Acq: 24 May 2023 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230522



Tgt Ion: 75 Resp: 71383
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

