

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)

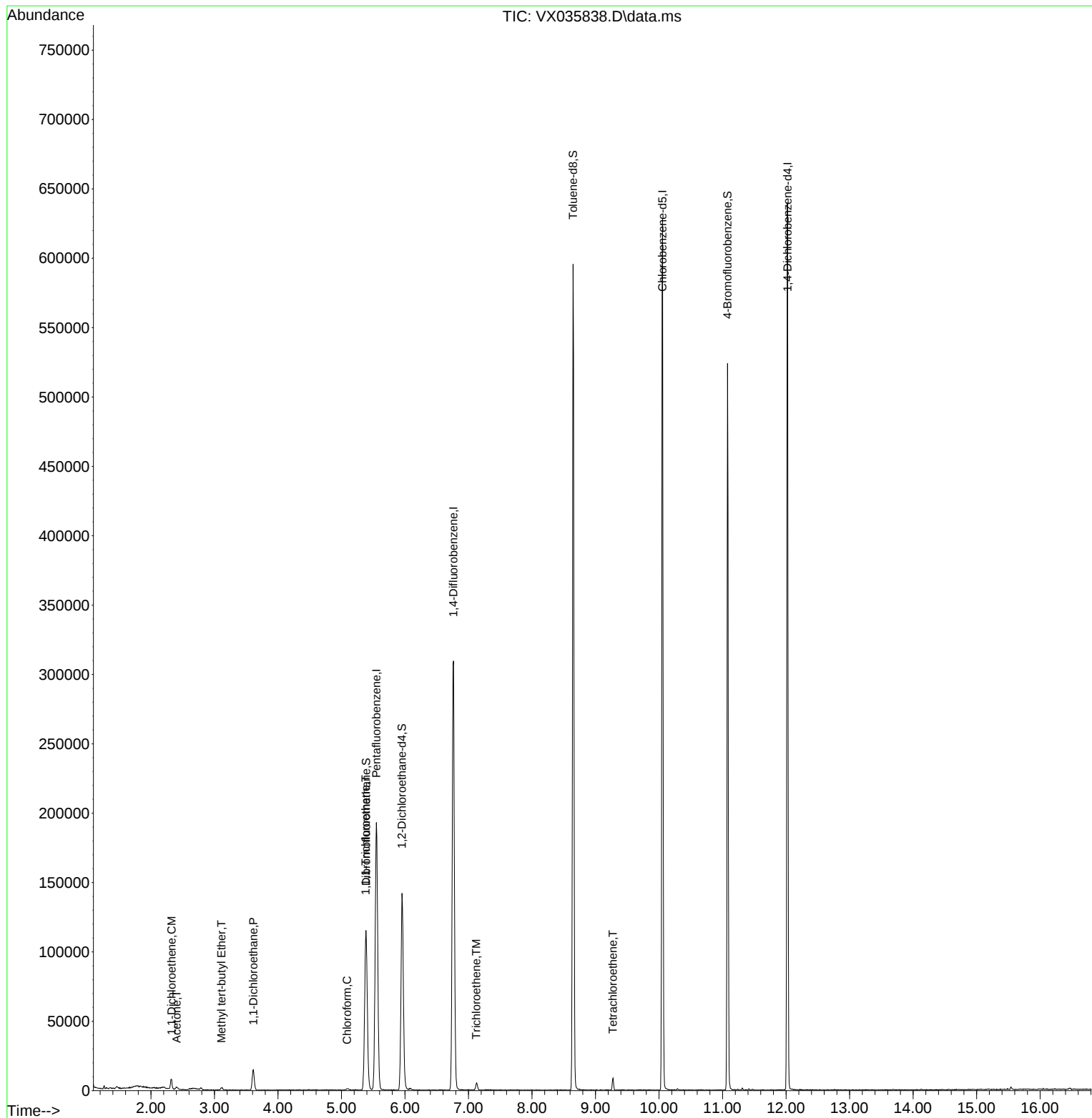
Internal Standards						
1) Pentafluorobenzene	5.550	168	173318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
32) 1,1,1-Trichloroethane	5.379	97	1302	0.337	ug/l #	47
44) Trichloroethene	7.123	130	1897	0.820	ug/l	96
64) Tetrachloroethene	9.275	164	1293	0.716	ug/l	93

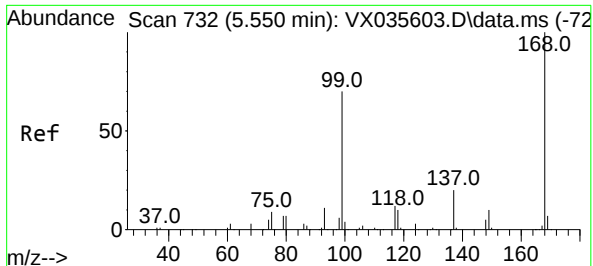
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
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Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

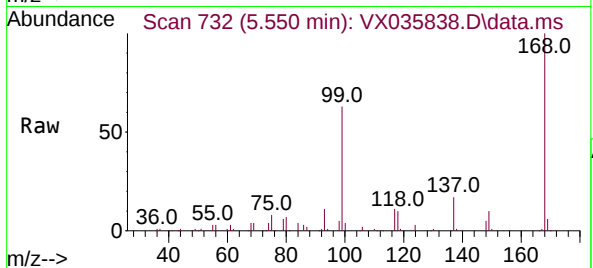
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration



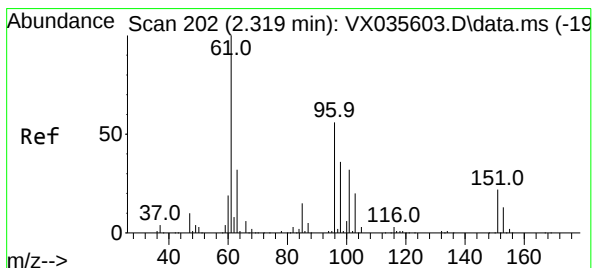
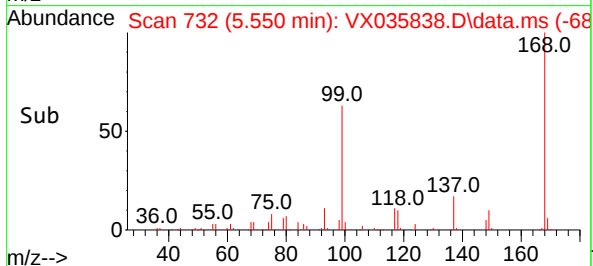
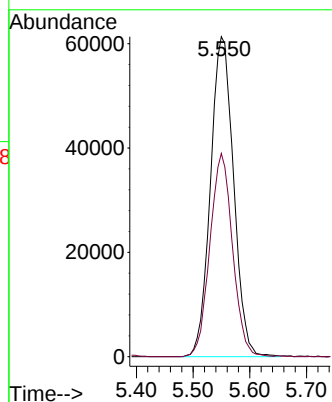


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

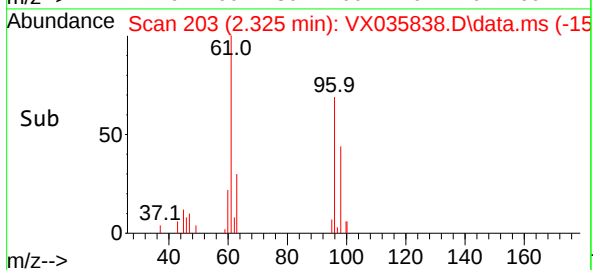
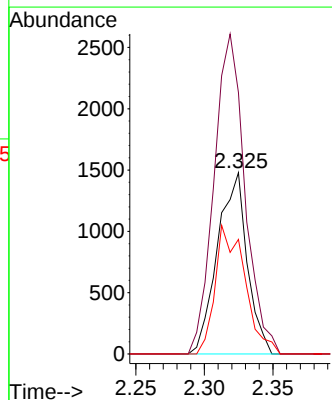
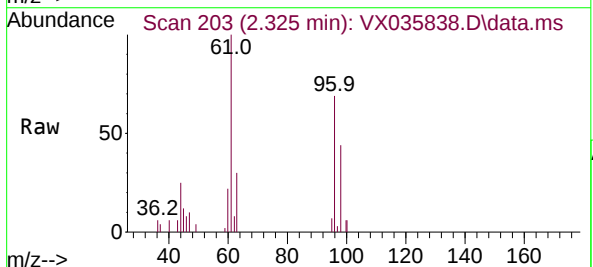


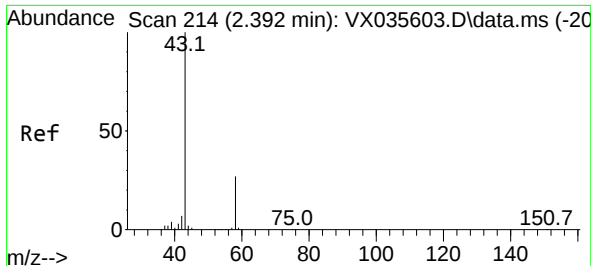
Tgt Ion:168 Resp: 173318
Ion Ratio Lower Upper
168 100
99 63.5 45.7 68.5



#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 :

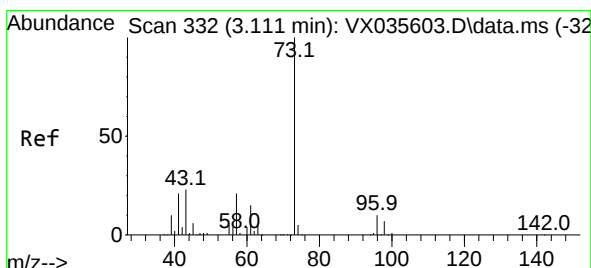
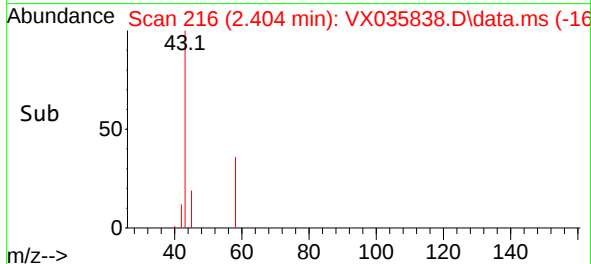
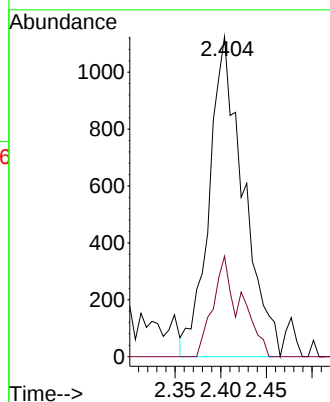
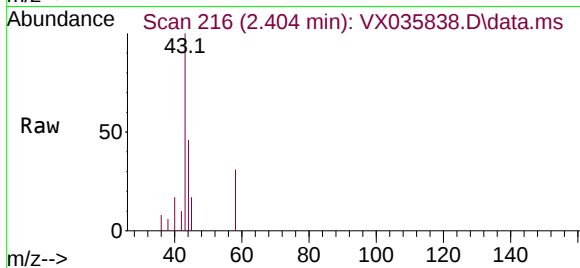
TT17411-20230522

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

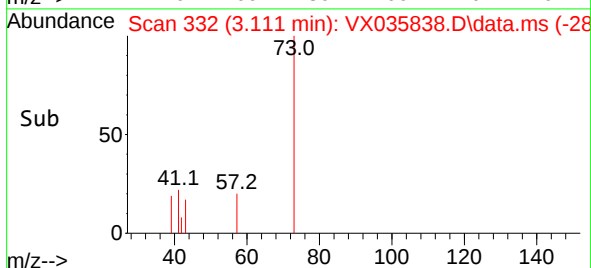
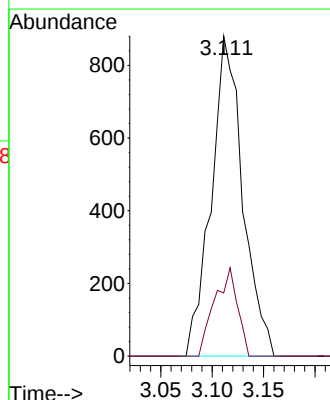
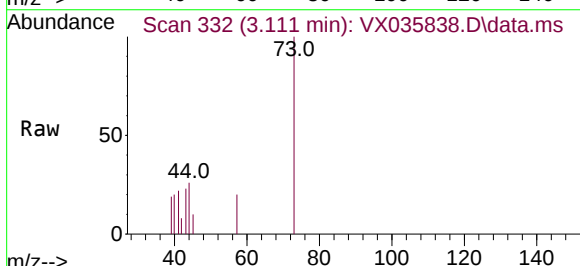
Acq: 24 May 2023 16:01

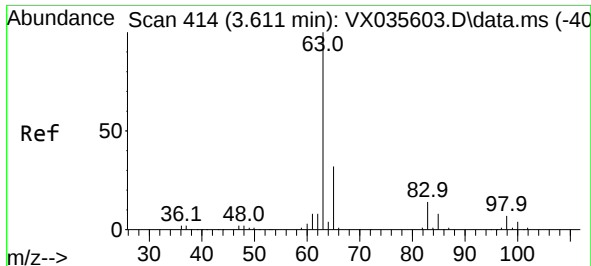
Tgt Ion: 73 Resp: 1873

Ion Ratio Lower Upper

73 100

57 19.8 18.5 27.7

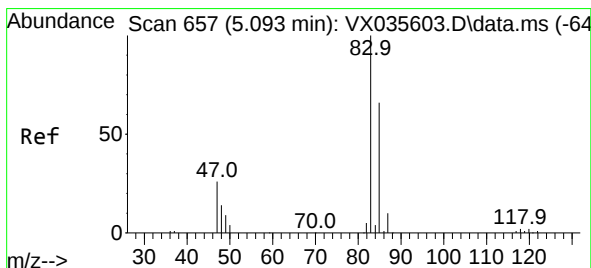
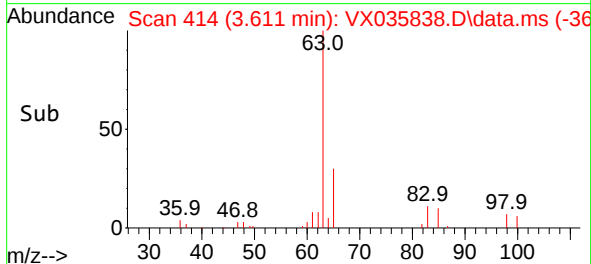
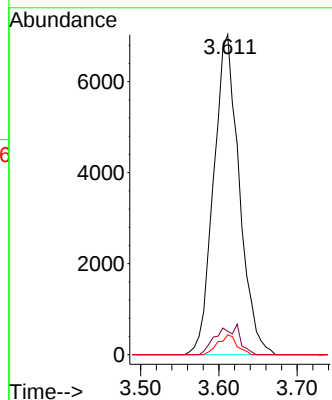
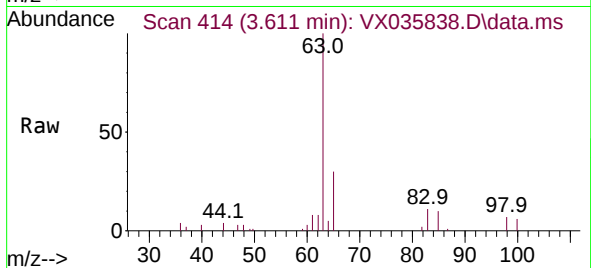




#24
1,1-Dichloroethane
Concen: 3.686 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

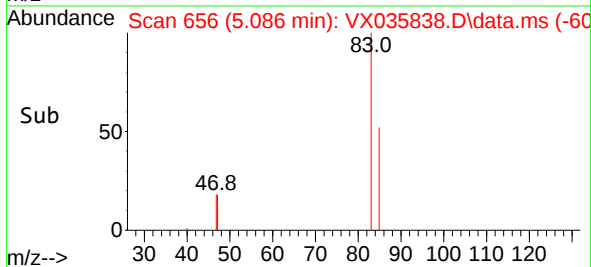
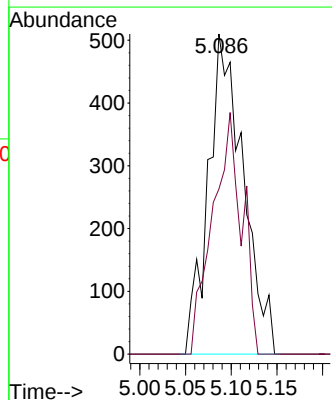
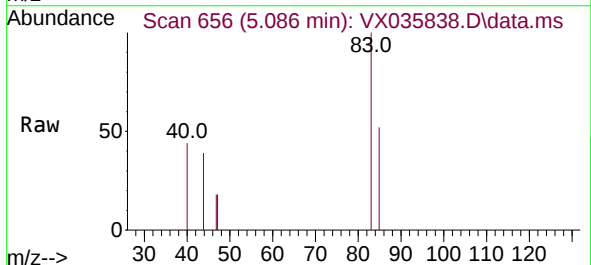
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

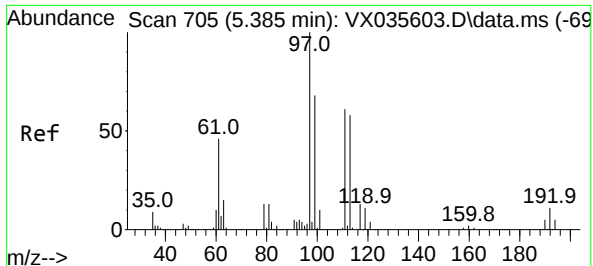
Tgt Ion: 63 Resp: 15960
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.2
100 6.2 2.4 7.1



#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

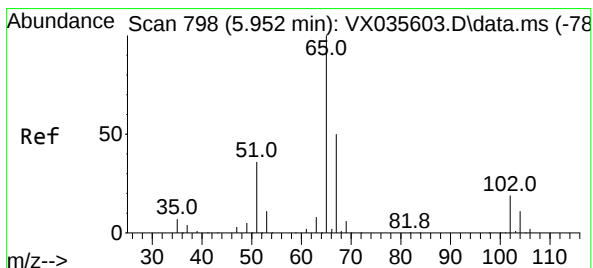
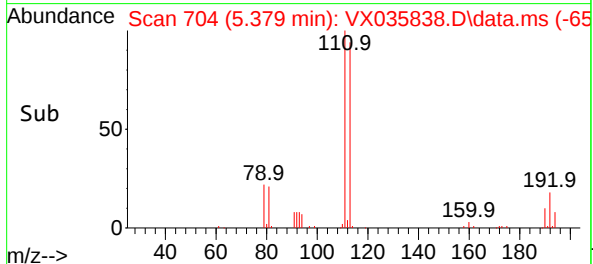
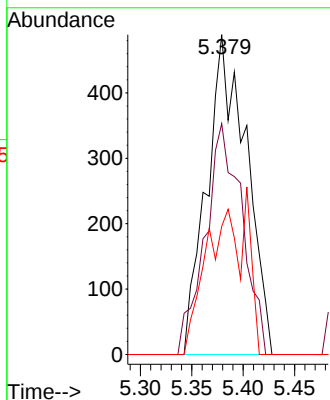
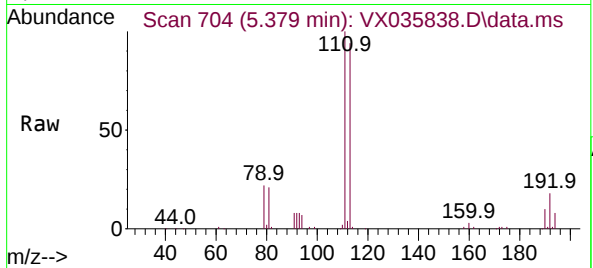




#32
1,1,1-Trichloroethane
Concen: 0.337 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

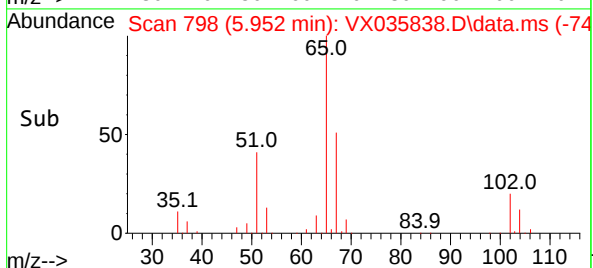
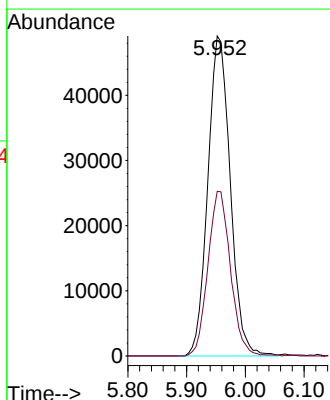
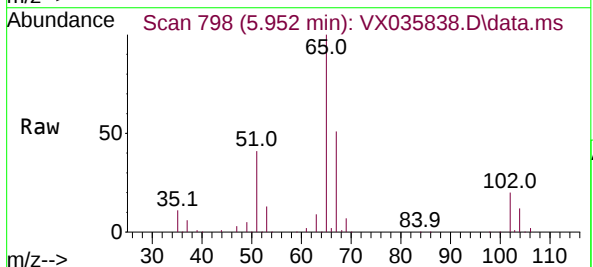
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

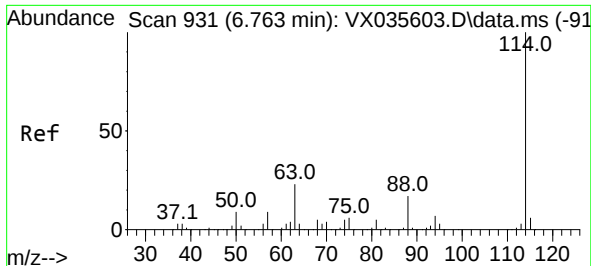
Tgt Ion: 97 Resp: 1302
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 37.3 36.5 54.7



#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

Tgt Ion: 65 Resp: 130399
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

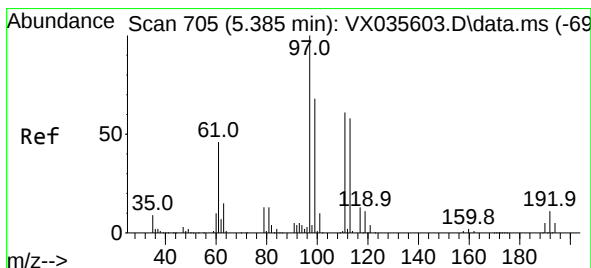
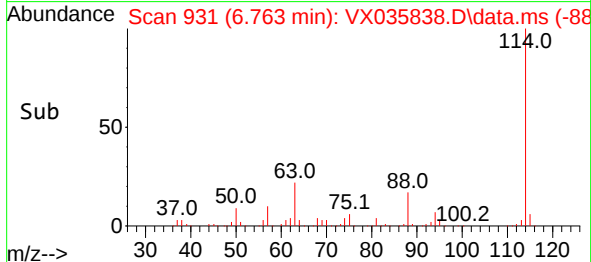
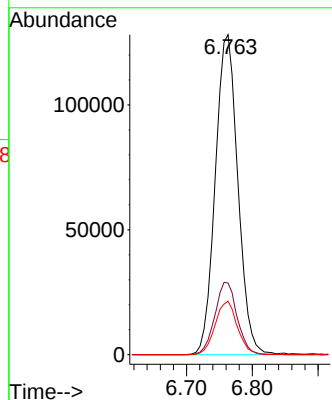
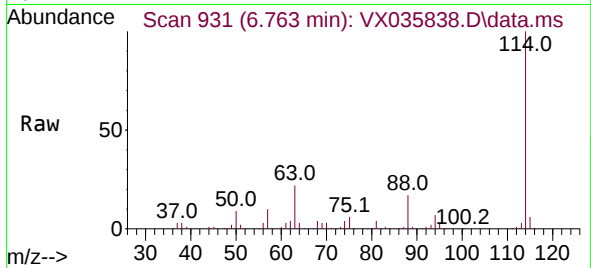




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

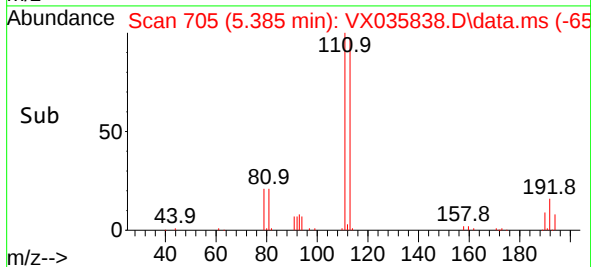
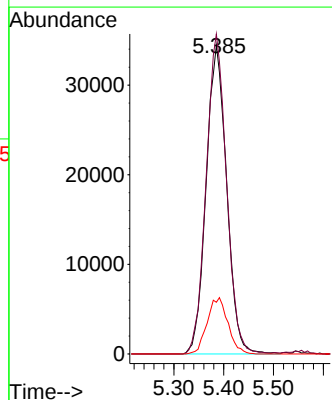
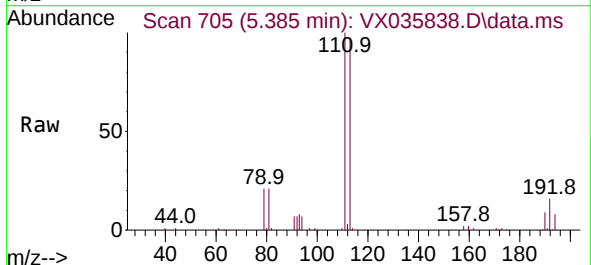
Instrument :
MSVOA_X
ClientSampleId :
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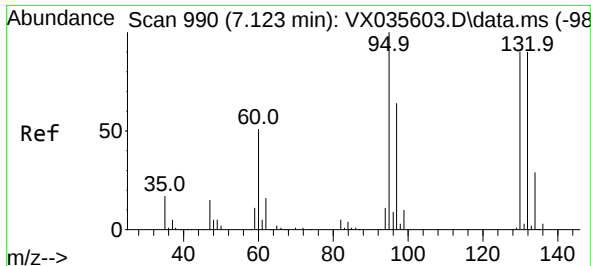
Tgt Ion:114 Resp: 306275
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.2
88 16.7 0.0 33.2



#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

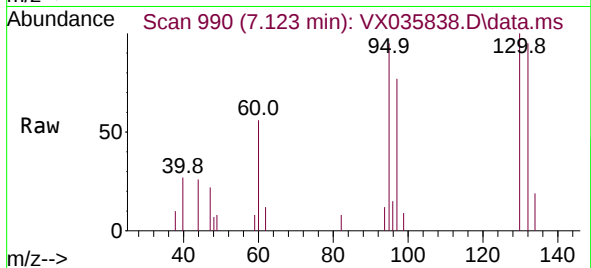
Tgt Ion:113 Resp: 98506
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.5 15.4 23.2



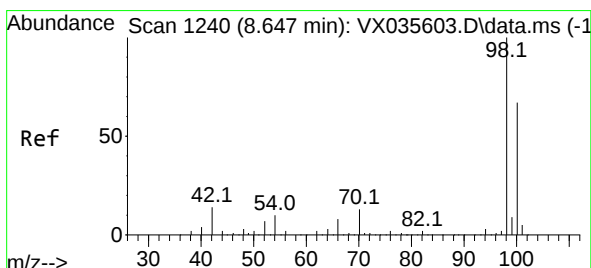
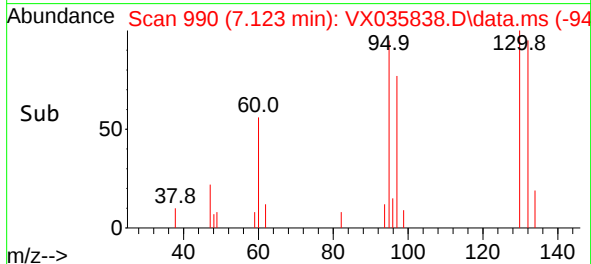
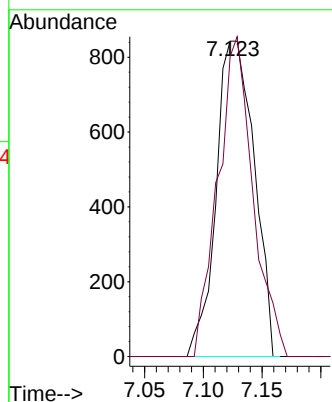


#44
Trichloroethene
Concen: 0.820 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

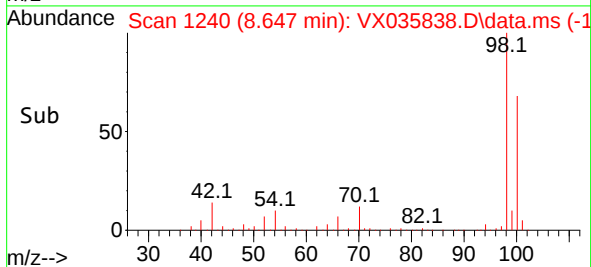
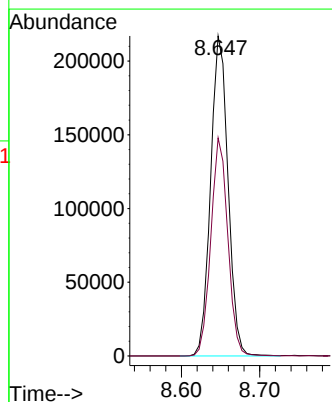
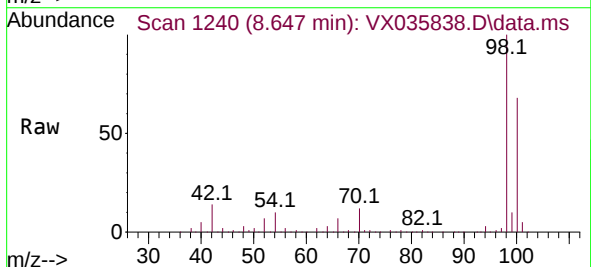


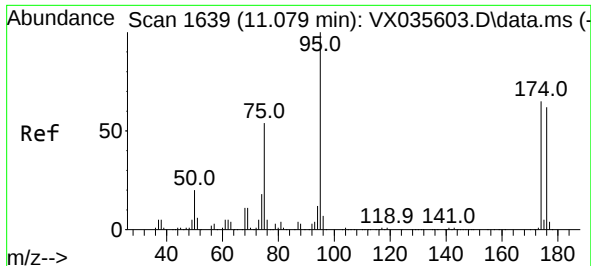
Tgt Ion:130 Resp: 1897
Ion Ratio Lower Upper
130 100
95 95.1 0.0 198.4



#50
Toluene-d8
Concen: 43.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

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





#62

4-Bromofluorobenzene

Concen: 43.179 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035838.D

Acq: 24 May 2023 16:01

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20230522

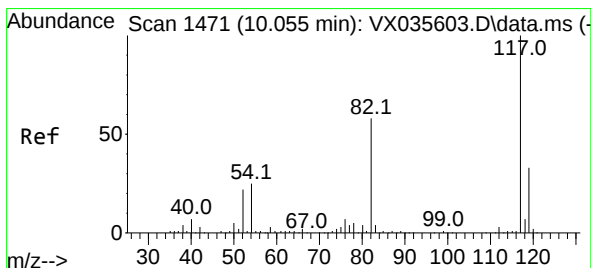
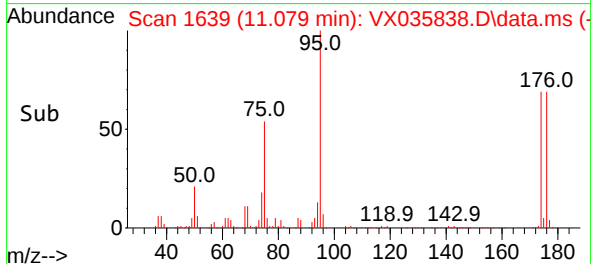
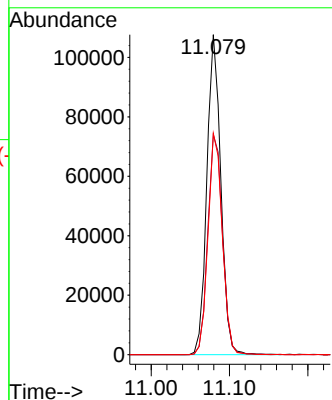
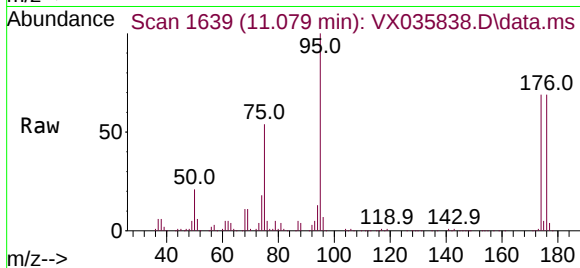
Tgt Ion: 95 Resp: 132662

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

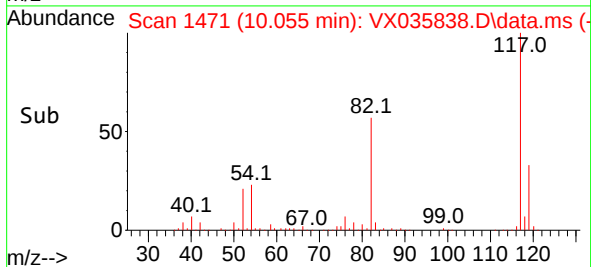
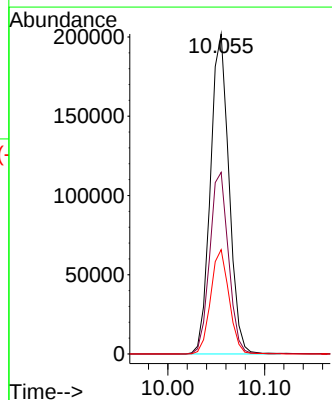
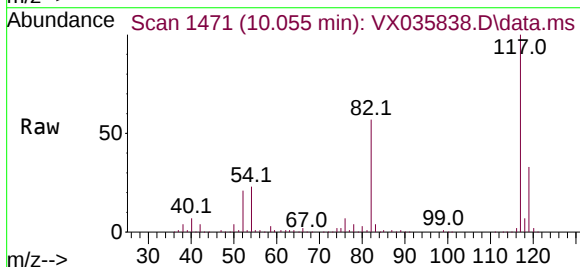
Tgt Ion: 117 Resp: 268414

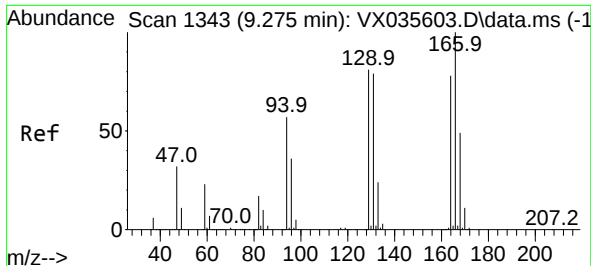
Ion Ratio Lower Upper

117 100

82 56.8 45.0 67.4

119 32.6 26.0 39.0



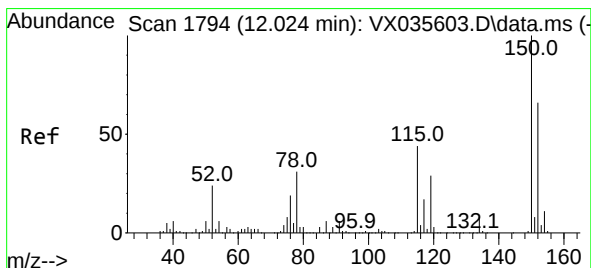
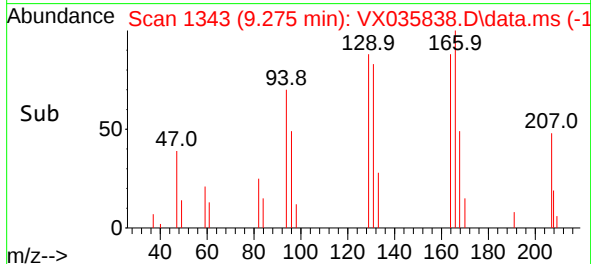
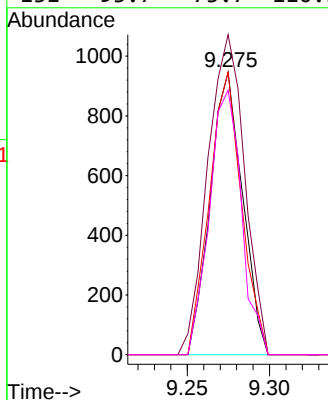
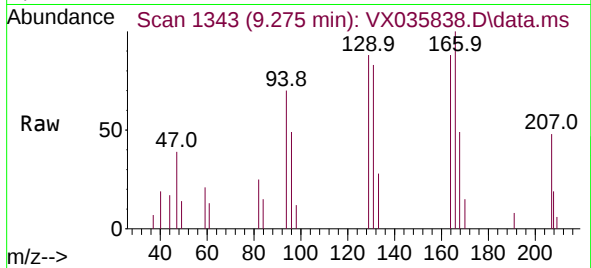


#64
Tetrachloroethene
Concen: 0.716 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

Tgt Ion: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# 1794
Delta R.T. 0.000 min
Lab File: VX035838.D
Acq: 24 May 2023 16:01

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

