

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035867.D
 Acq On : 25 May 2023 20:37
 Operator : JC/MD
 Sample : 02911-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230522

Quant Time: May 26 07:26:04 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)

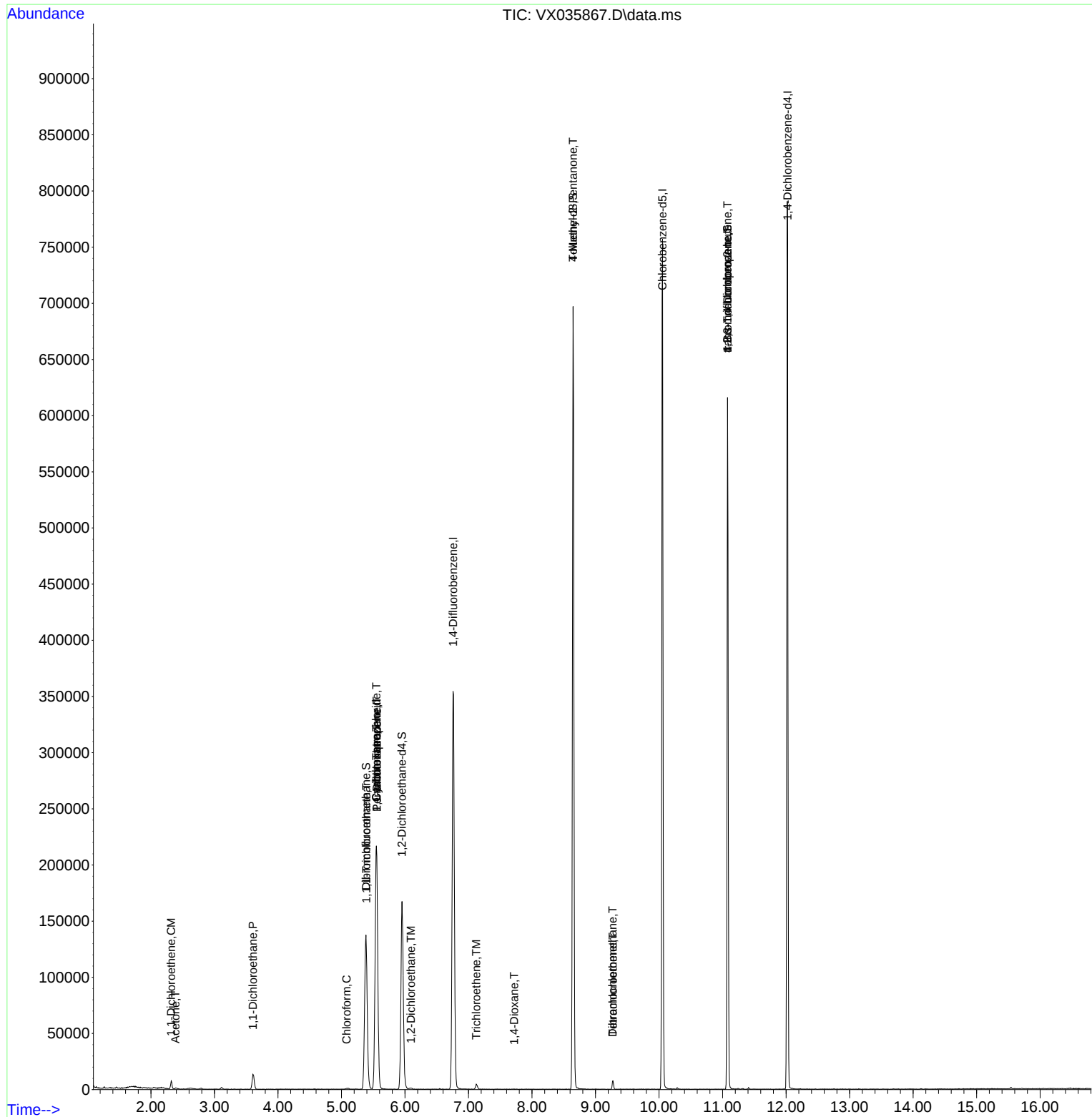
Internal Standards						
1) Pentafluorobenzene	5.556	168	201658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	357265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151503	43.065	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.140%		
35) Dibromofluoromethane	5.385	113	116538	48.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.740%		
50) Toluene-d8	8.647	98	393867	44.250	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.500%#		
62) 4-Bromofluorobenzene	11.079	95	158280	44.165	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.320%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.319	96	2098	0.934	ug/l #	50
16) Acetone	2.386	43	1571	1.039	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	14653	2.909	ug/l	96
30) Chloroform	5.080	83	1224	0.237	ug/l #	80
31) Cyclohexane	5.550	56	4727	1.064	ug/l #	15
32) 1,1,1-Trichloroethane	5.391	97	1286	0.286	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	17804	4.681	ug/l #	50
38) Carbon Tetrachloride	5.550	117	21719	6.029	ug/l #	16
42) 1,2-Dichloroethane	6.092	62	1086	0.237	ug/l #	75
44) Trichloroethene	7.123	130	1643	0.609	ug/l	75
49) 1,4-Dioxane	7.720	88	78	3.031	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	2011	0.505	ug/l #	1
60) Dibromochloromethane	9.269	129	1307	0.520	ug/l #	10
64) Tetrachloroethene	9.275	164	1160	0.542	ug/l #	90
76) 1,2,3-Trichloropropane	11.079	75	83285	22.169	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	83285	71.448	ug/l #	8

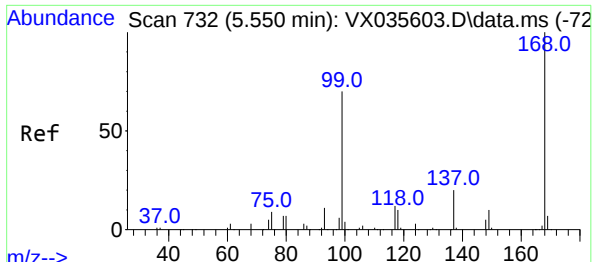
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
Data File : VX035867.D
Acq On : 25 May 2023 20:37
Operator : JC/MD
Sample : 02911-09RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

Quant Time: May 26 07:26:04 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

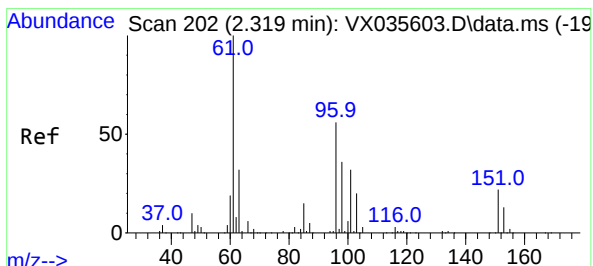
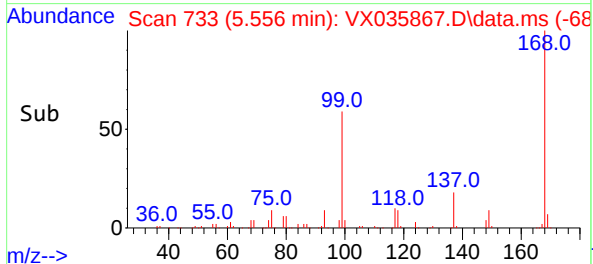
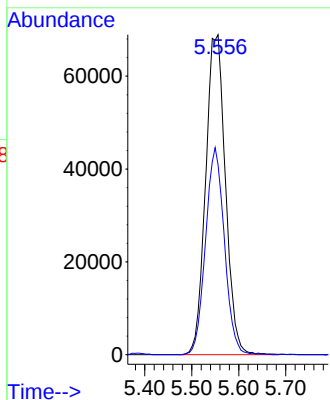
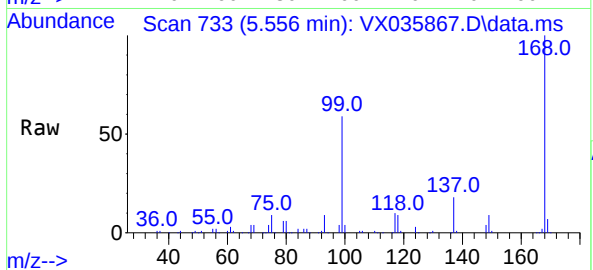




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

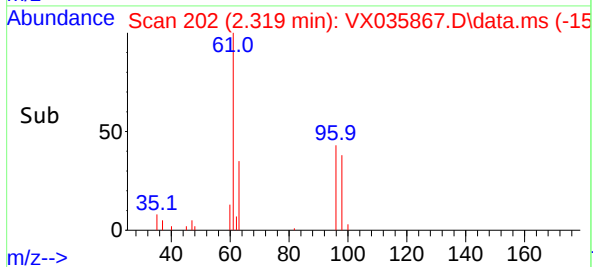
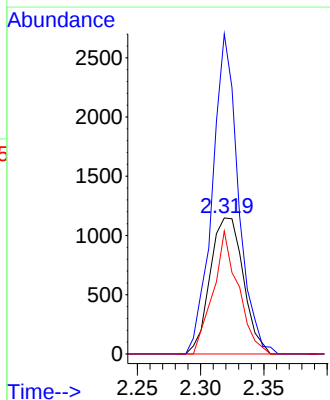
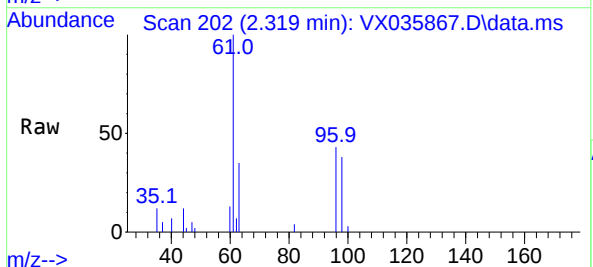
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

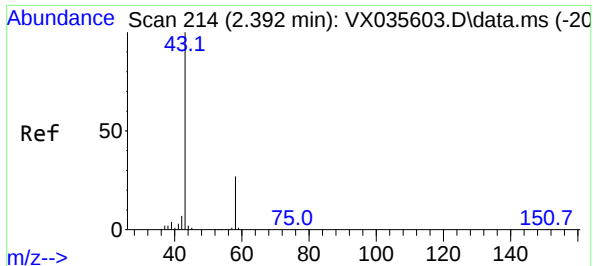
Tgt Ion:168 Resp: 201658
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#12
1,1-Dichloroethene
Concen: 0.934 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 96 Resp: 2098
Ion Ratio Lower Upper
96 100
61 235.3 128.8 193.2#
98 90.3 51.4 77.0#

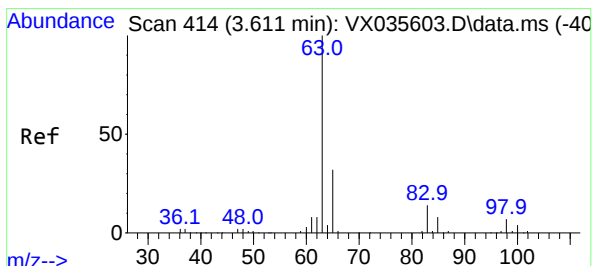
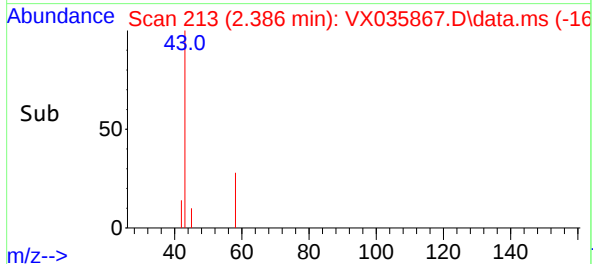
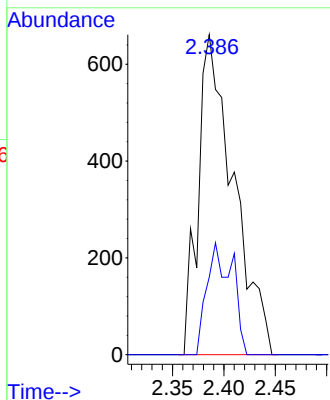
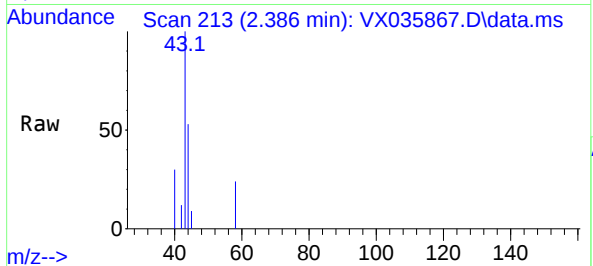




#16
Acetone
Concen: 1.039 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

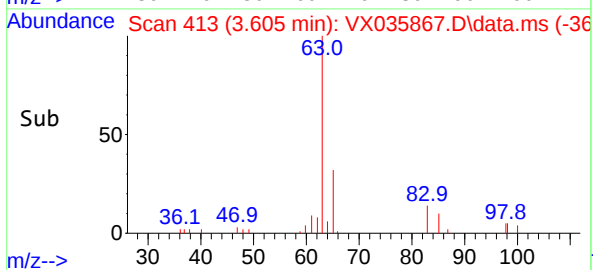
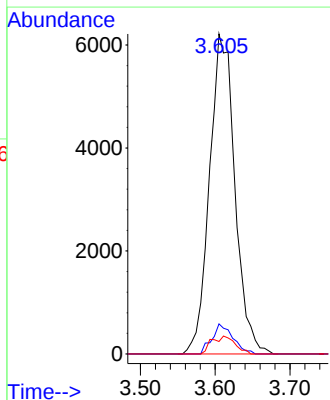
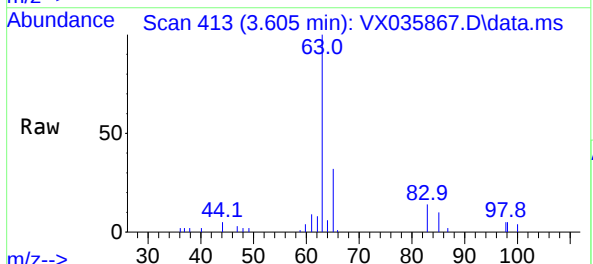
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

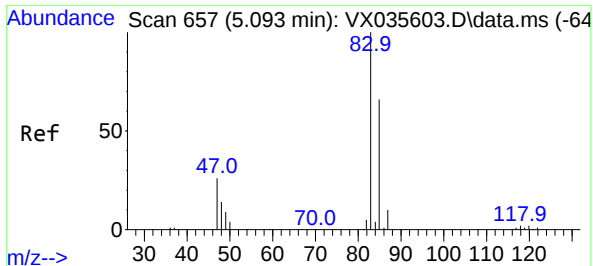
Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 24.2 24.7 37.1#



#24
1,1-Dichloroethane
Concen: 2.909 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 63 Resp: 14653
Ion Ratio Lower Upper
63 100
98 9.4 3.8 11.2
100 3.9 2.4 7.1

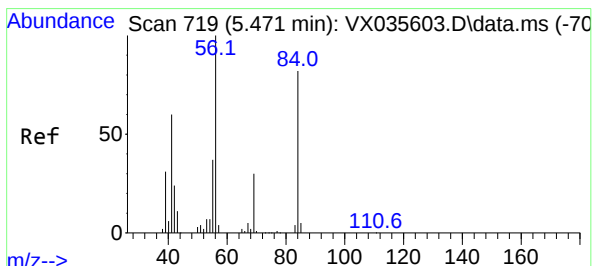
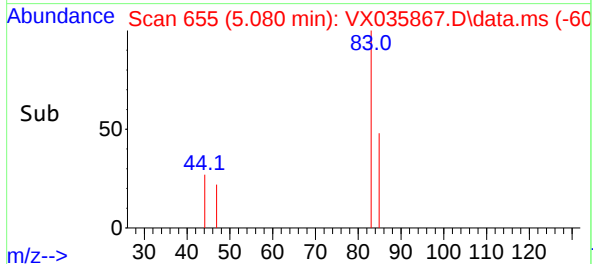
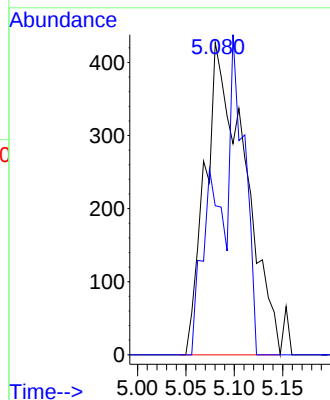
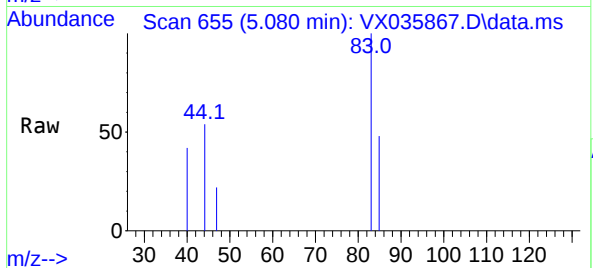




#30
Chloroform
Concen: 0.237 ug/l
RT: 5.080 min Scan# 611
Delta R.T. -0.013 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

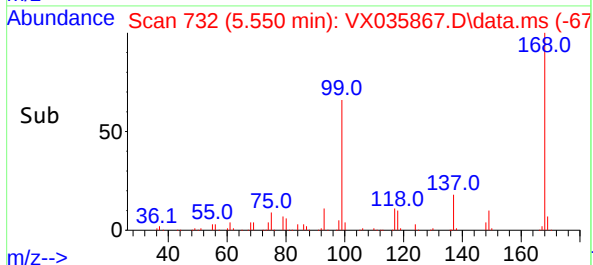
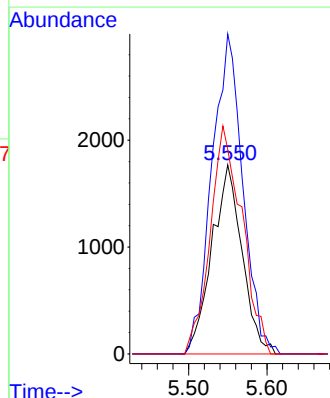
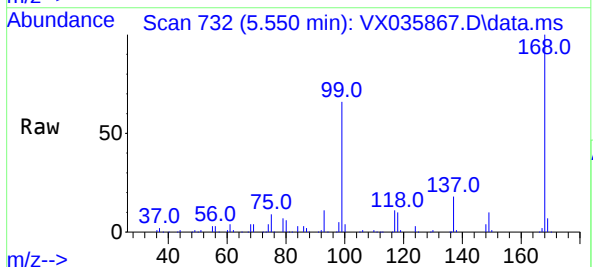
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

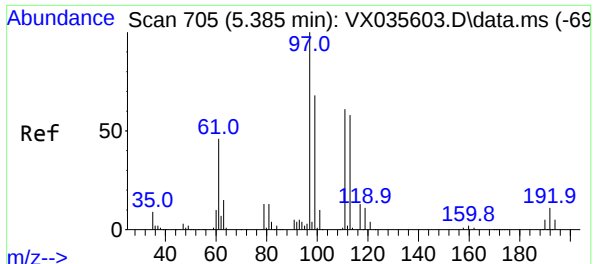
Tgt Ion: 83 Resp: 1224
Ion Ratio Lower Upper
83 100
85 47.8 50.6 76.0#



#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 56 Resp: 4727
Ion Ratio Lower Upper
56 100
69 169.2 23.7 35.5#
84 108.2 68.5 102.7#

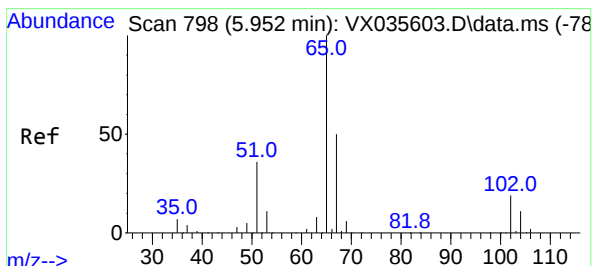
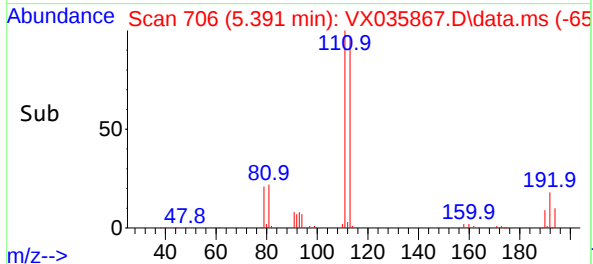
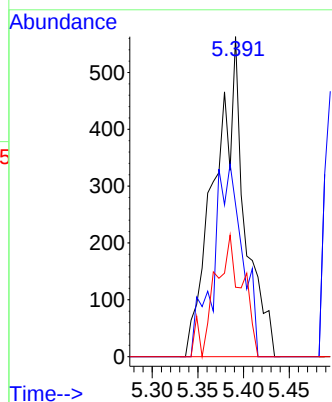
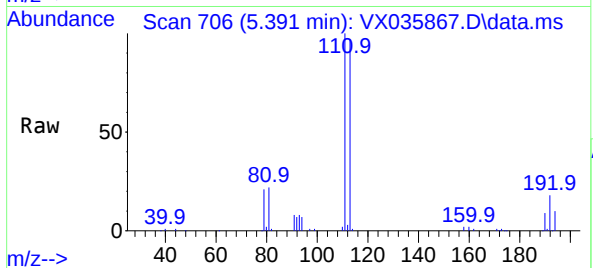




#32
1,1,1-Trichloroethane
Concen: 0.286 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

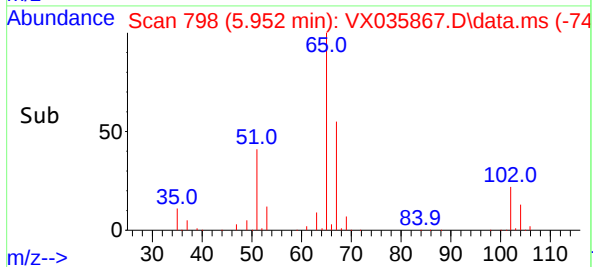
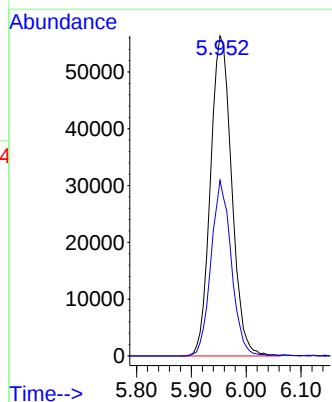
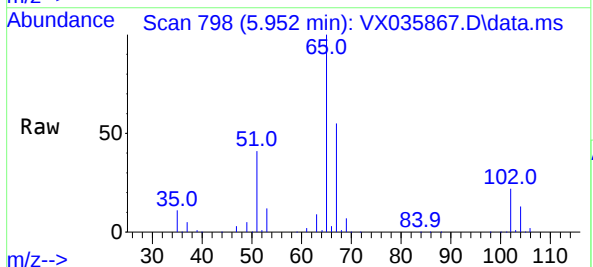
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

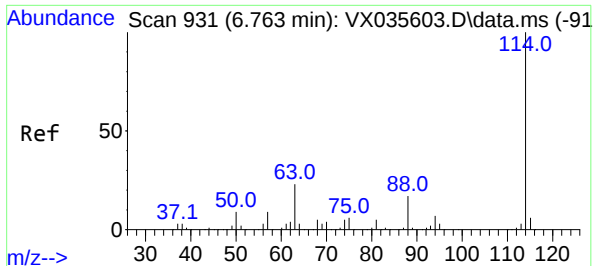
Tgt Ion: 97 Resp: 1286
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 34.8 36.5 54.7#



#33
1,2-Dichloroethane-d4
Concen: 43.065 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 65 Resp: 151503
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20230522

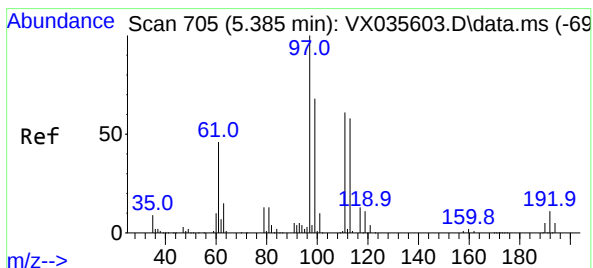
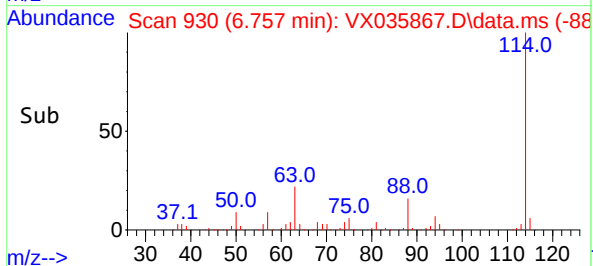
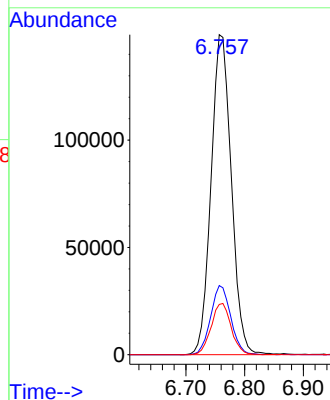
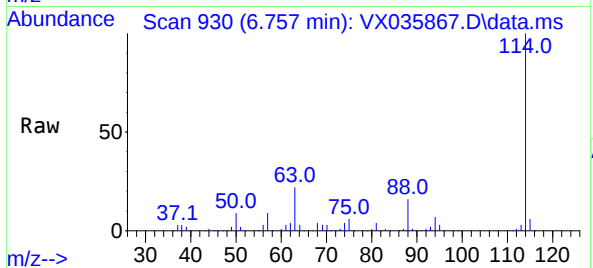
Tgt Ion:114 Resp: 357265

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.368 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

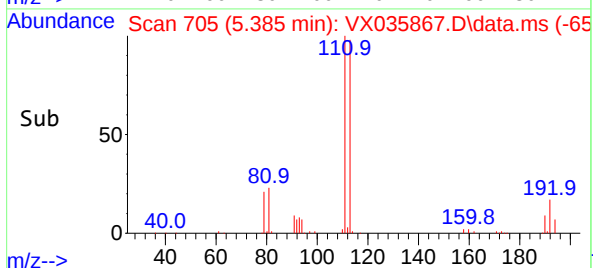
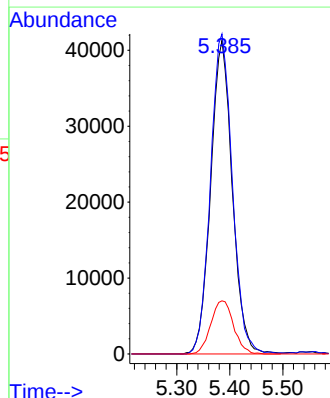
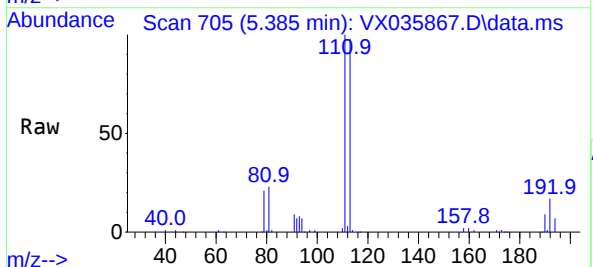
Tgt Ion:113 Resp: 116538

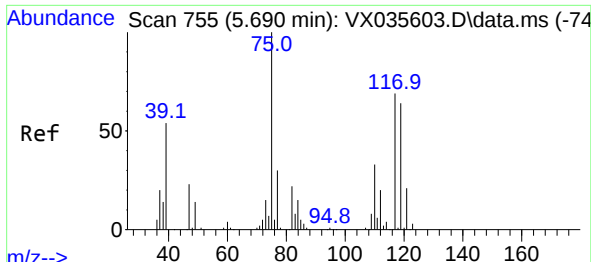
Ion Ratio Lower Upper

113 100

111 103.7 83.7 125.5

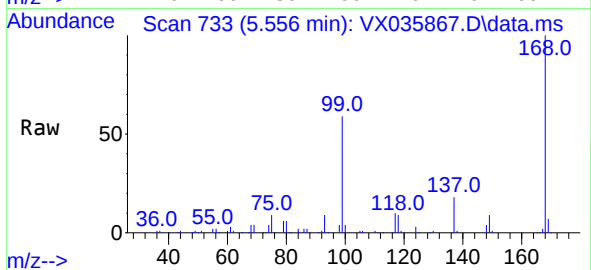
192 17.9 15.4 23.2



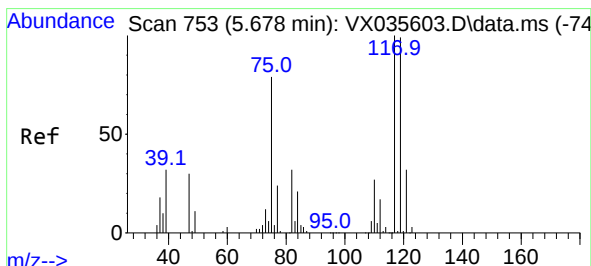
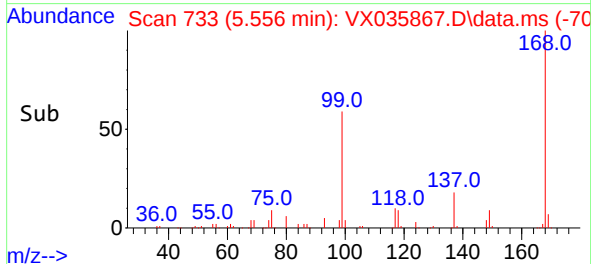
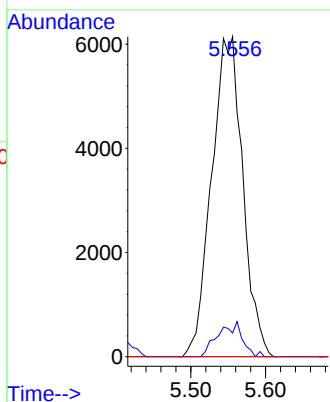


#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

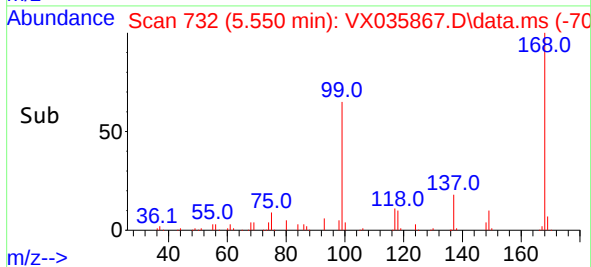
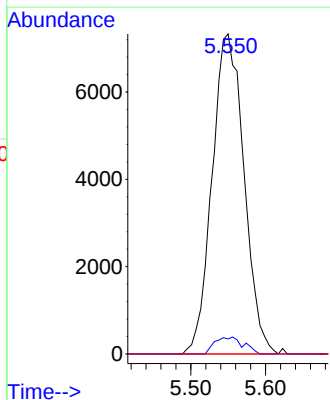
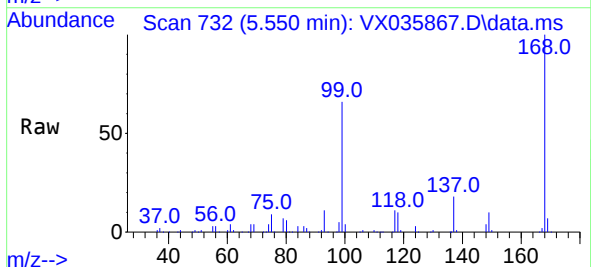


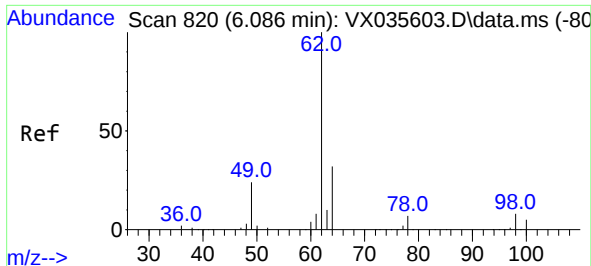
Tgt Ion: 75 Resp: 17804
Ion Ratio Lower Upper
75 100
110 8.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 117 Resp: 21719
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#





#42

1,2-Dichloroethane

Concen: 0.237 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX035867.D

Acq: 25 May 2023 20:37

Instrument :

MSVOA_X

ClientSampleId :

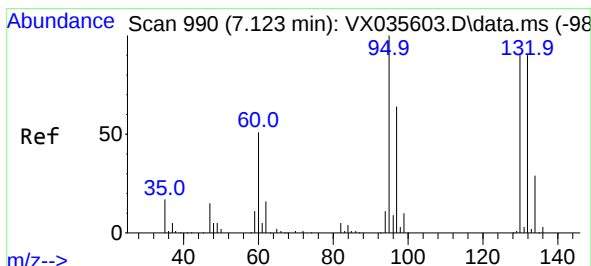
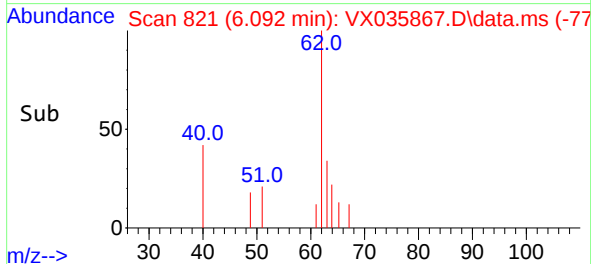
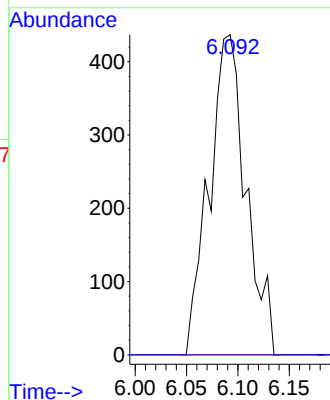
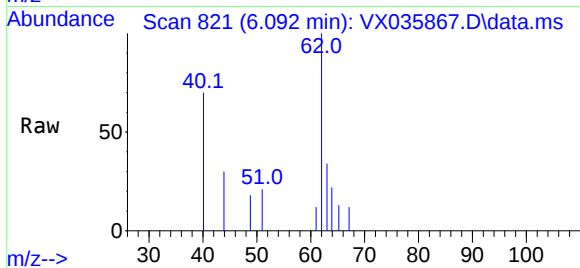
TT17411-20230522

Tgt Ion: 62 Resp: 1086

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#44

Trichloroethene

Concen: 0.609 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035867.D

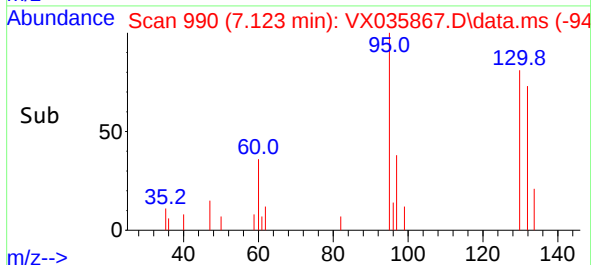
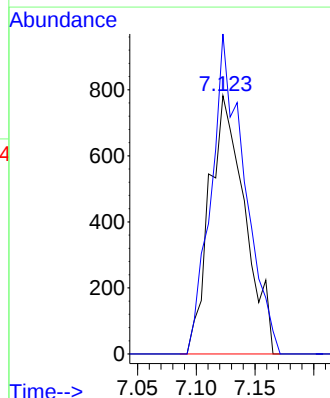
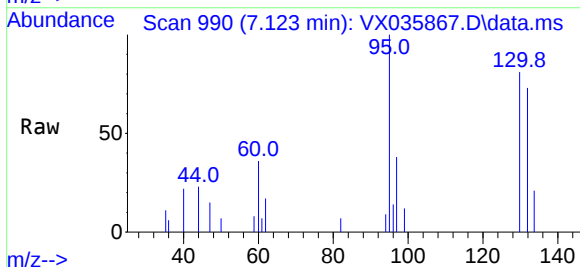
Acq: 25 May 2023 20:37

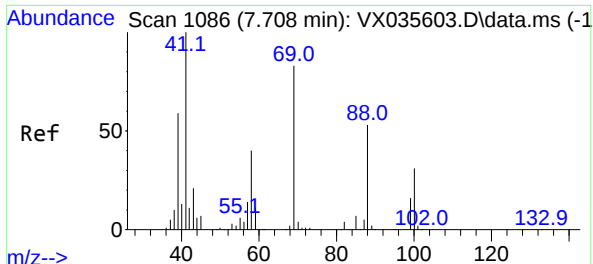
Tgt Ion:130 Resp: 1643

Ion Ratio Lower Upper

130 100

95 123.9 0.0 198.4

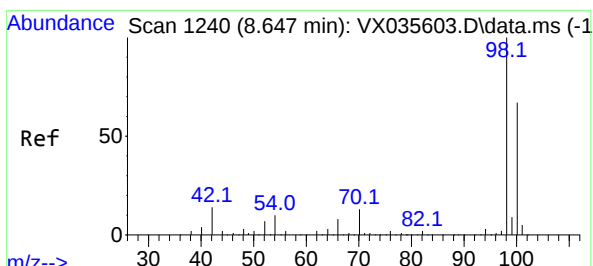
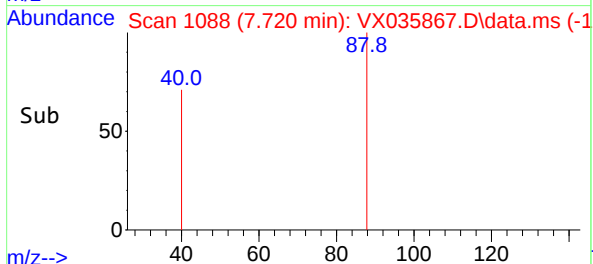
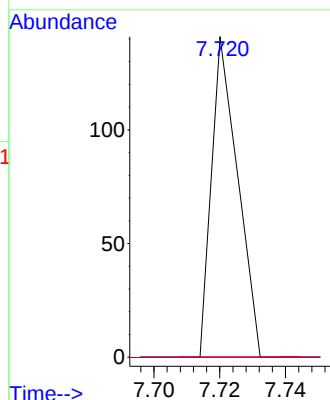
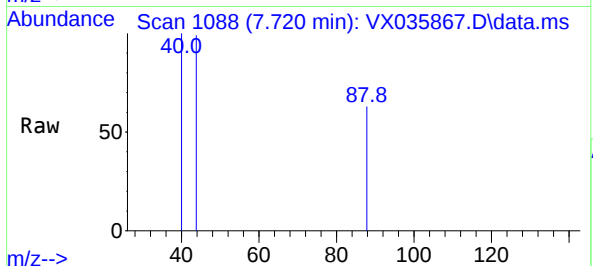




#49
1,4-Dioxane
Concen: 3.031 ug/l
RT: 7.720 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

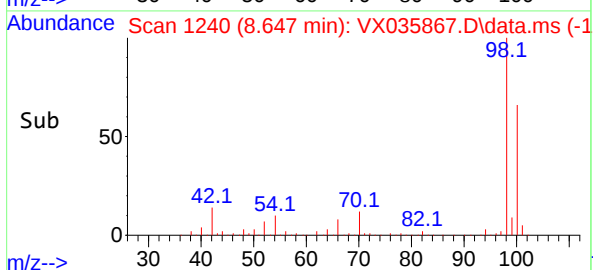
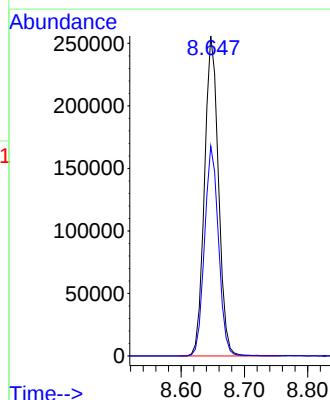
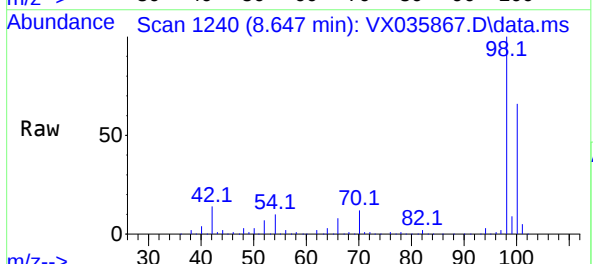
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

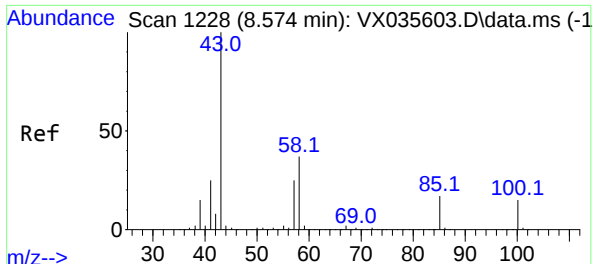
Tgt Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 44.250 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 98 Resp: 393867
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

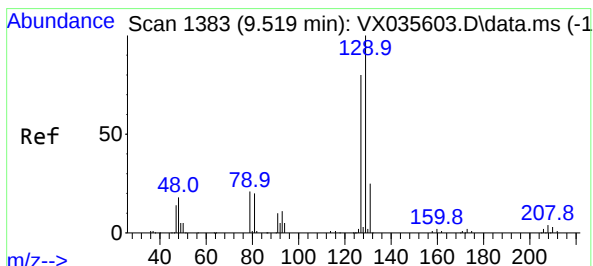
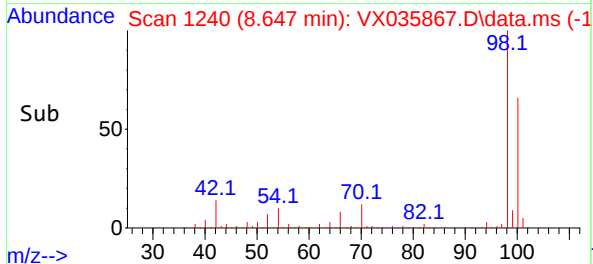
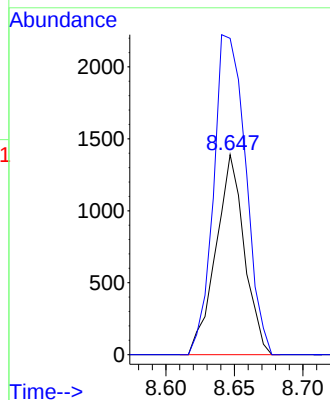
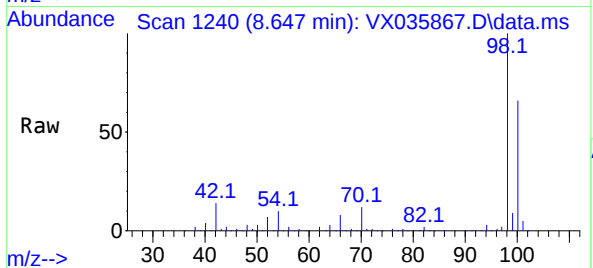




#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

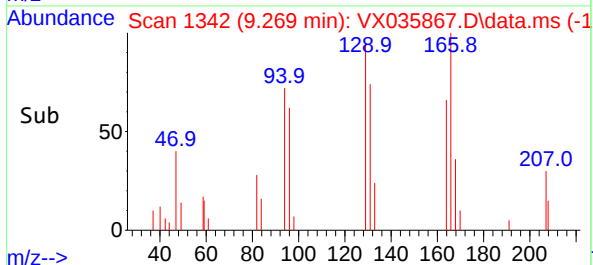
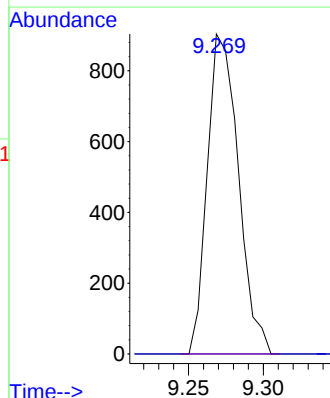
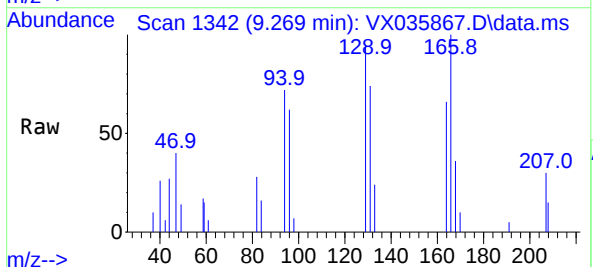
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

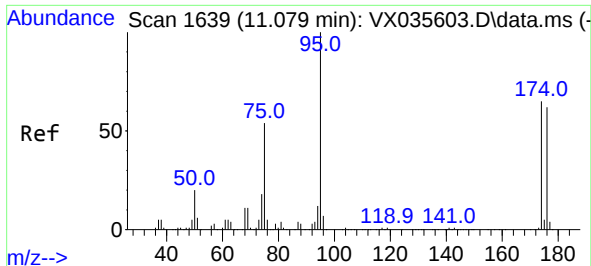
Tgt Ion: 43 Resp: 2011
Ion Ratio Lower Upper
43 100
58 179.8 30.6 46.0#



#60
Dibromochloromethane
Concen: 0.520 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 129 Resp: 1307
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

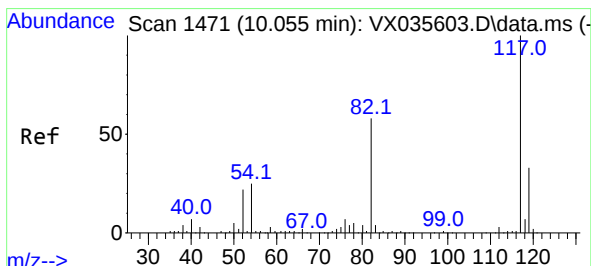
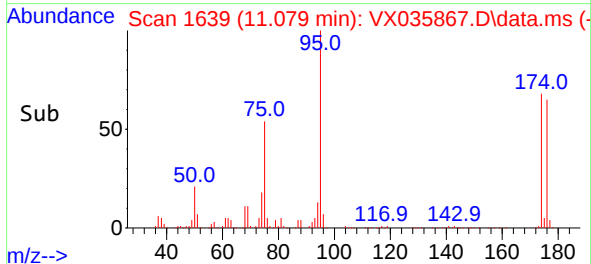
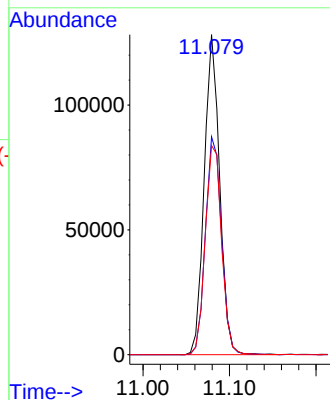
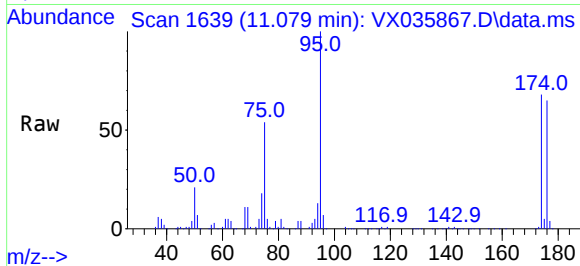




#62
4-Bromofluorobenzene
Concen: 44.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

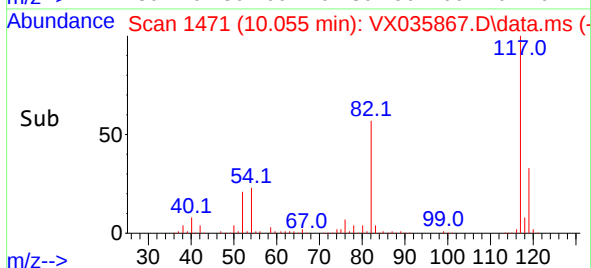
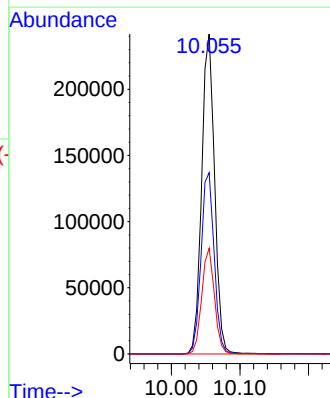
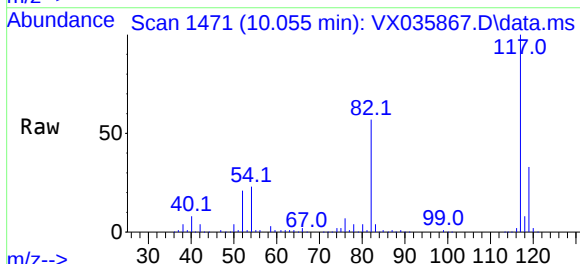
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

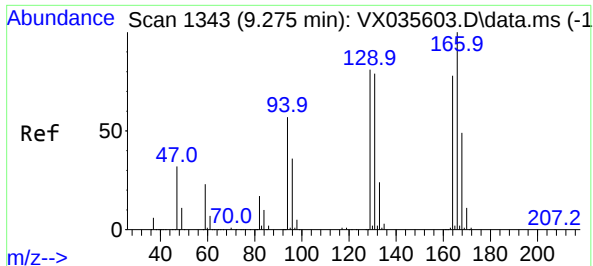
Tgt Ion: 95 Resp: 158280
Ion Ratio Lower Upper
95 100
174 71.3 0.0 147.4
176 69.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 117 Resp: 317659
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 33.1 26.0 39.0

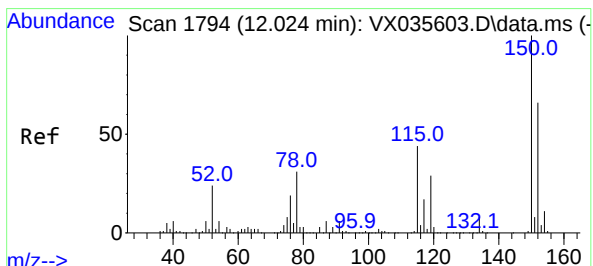
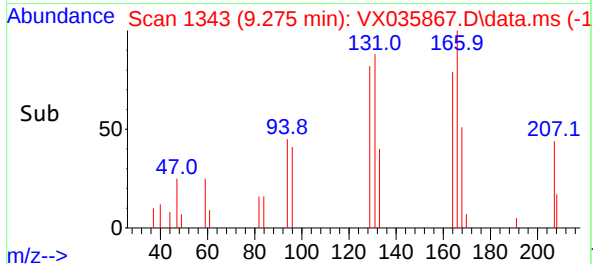
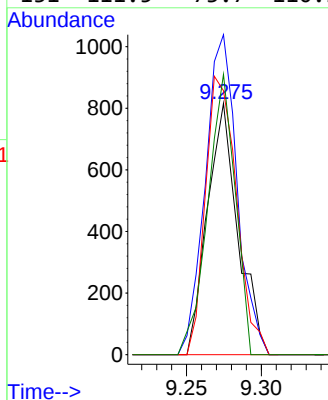
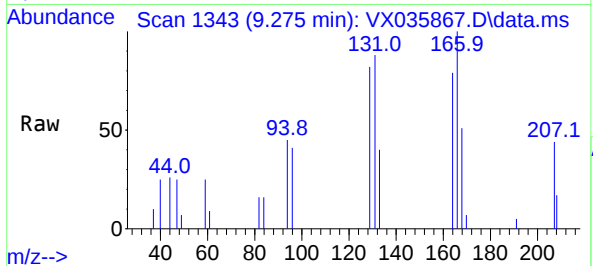




#64
Tetrachloroethene
Concen: 0.542 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

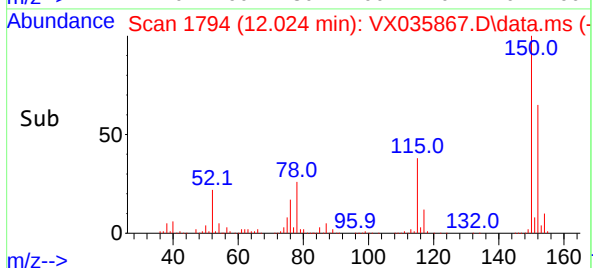
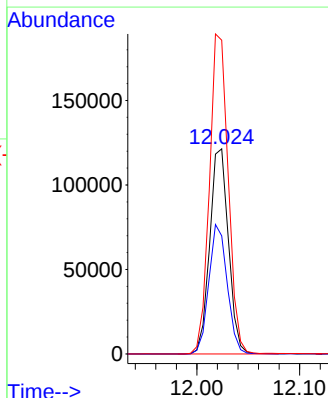
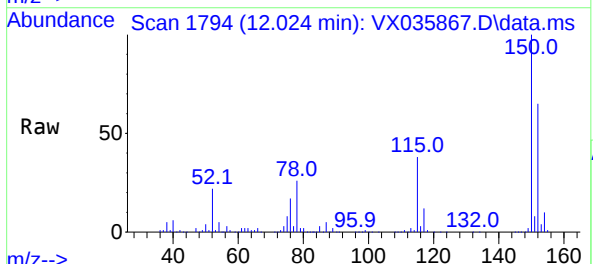
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

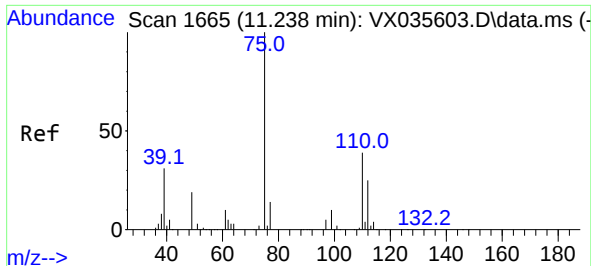
Tgt Ion:164 Resp: 1160
Ion Ratio Lower Upper
164 100
166 127.3 102.7 154.1
129 105.0 75.6 113.4
131 111.5 73.7 110.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion:152 Resp: 153588
Ion Ratio Lower Upper
152 100
115 61.9 45.0 135.0
150 156.5 0.0 352.4

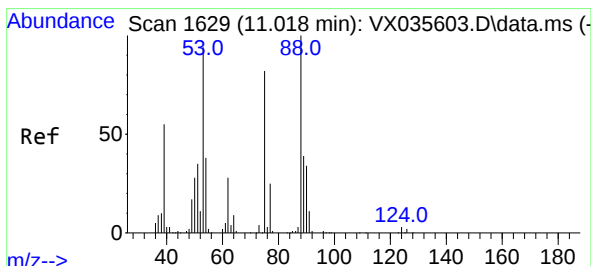
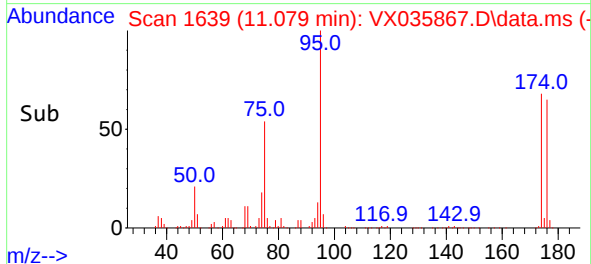
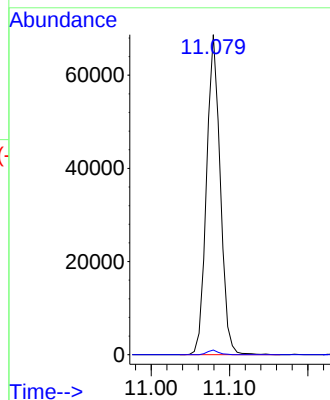
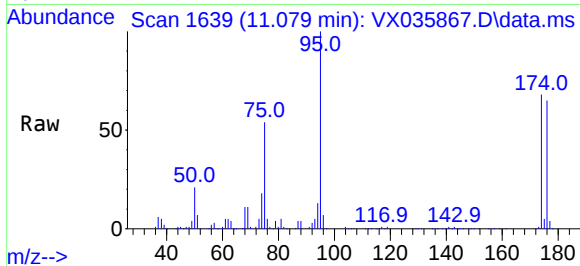




#76
1,2,3-Trichloropropane
Concen: 22.169 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230522

Tgt Ion: 75 Resp: 83285
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035867.D
Acq: 25 May 2023 20:37

Tgt Ion: 75 Resp: 83285
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

