

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035866.D
 Acq On : 25 May 2023 20:14
 Operator : JC/MD
 Sample : 02911-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20230523RE

Quant Time: May 26 07:25:55 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)

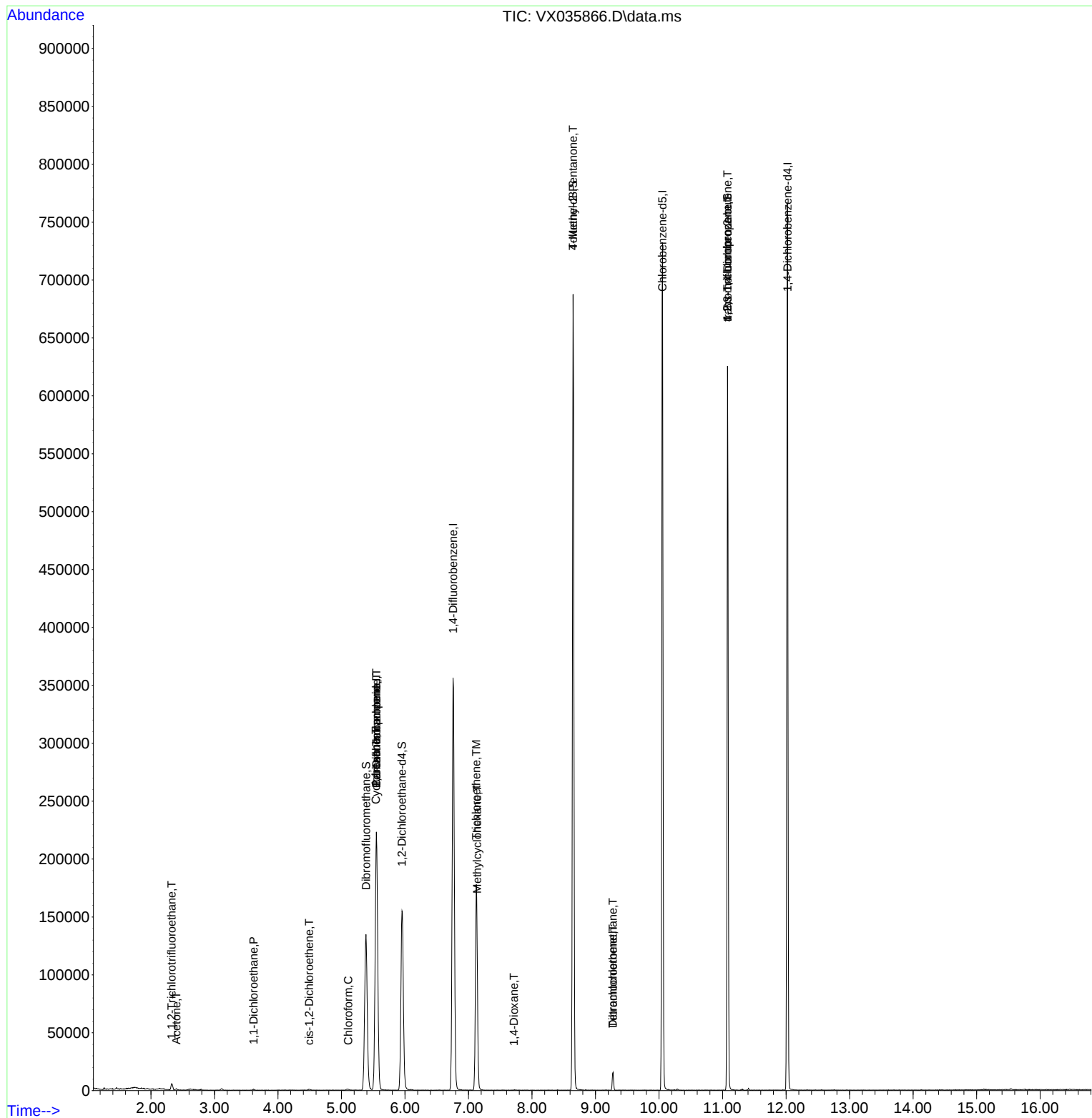
Internal Standards						
1) Pentafluorobenzene	5.550	168	202435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	353074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149972	42.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.940%		
35) Dibromofluoromethane	5.385	113	115893	48.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	386147	43.898	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.800%#		
62) 4-Bromofluorobenzene	11.079	95	156374	44.151	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.300%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.325	101	2069	0.872	ug/l	98
16) Acetone	2.398	43	1200	0.791	ug/l #	85
24) 1,1-Dichloroethane	3.617	63	1229	0.243	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	748	0.252	ug/l	55
30) Chloroform	5.105	83	1292	0.249	ug/l	95
31) Cyclohexane	5.544	56	5328	1.194	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17663	4.699	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20693	5.812	ug/l #	16
39) Methylcyclohexane	7.135	83	903	0.204	ug/l #	1
44) Trichloroethene	7.123	130	64978	24.372	ug/l	98
49) 1,4-Dioxane	7.714	88	291	5.888	ug/l #	23
51) 4-Methyl-2-Pentanone	8.647	43	1837	0.466	ug/l #	1
60) Dibromochloromethane	9.275	129	2701	1.087	ug/l #	10
64) Tetrachloroethene	9.275	164	2378	1.118	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	84805	23.096	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	84805	74.435	ug/l #	8

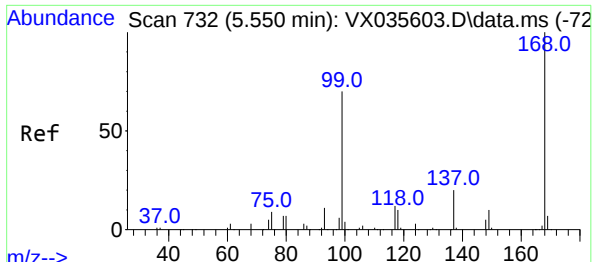
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
Data File : VX035866.D
Acq On : 25 May 2023 20:14
Operator : JC/MD
Sample : 02911-08RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

Quant Time: May 26 07:25:55 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

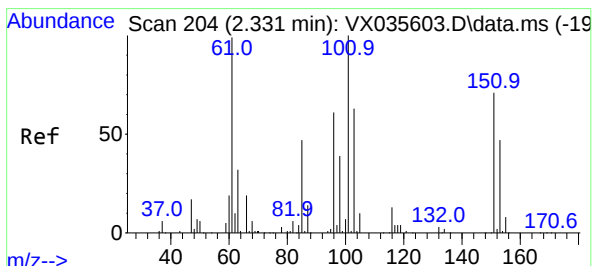
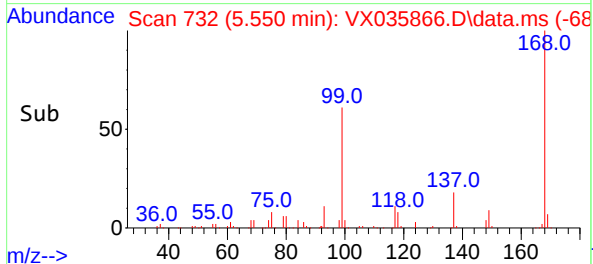
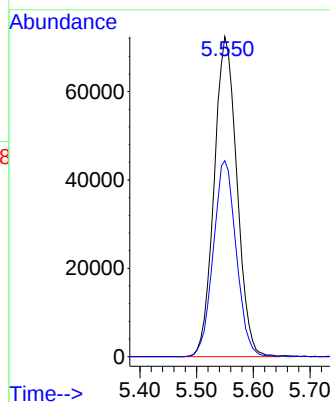
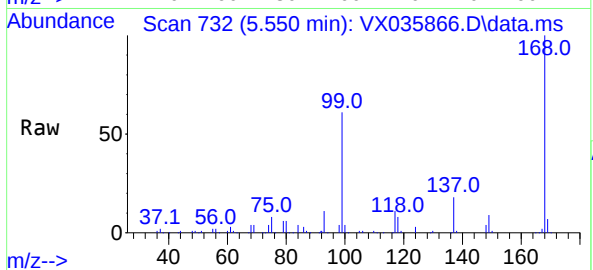




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

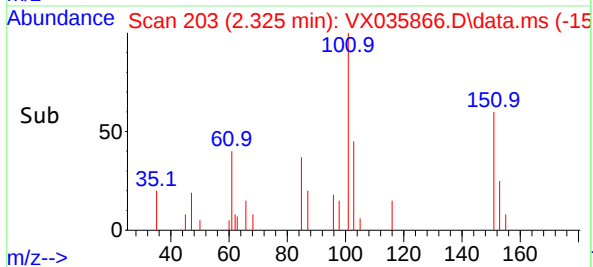
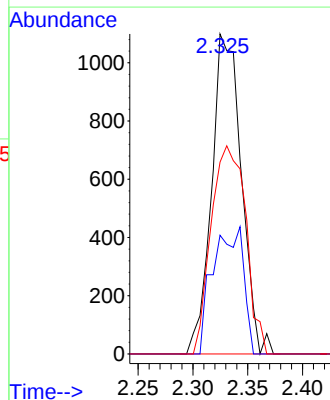
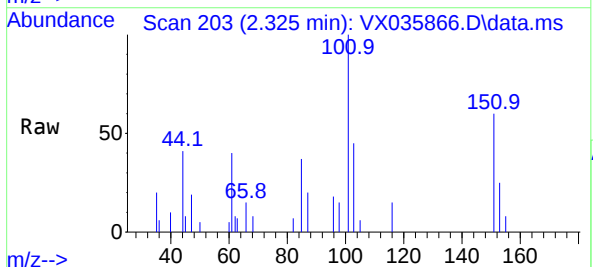
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

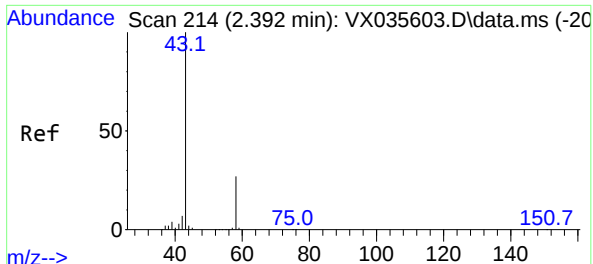
Tgt Ion:168 Resp: 202435
Ion Ratio Lower Upper
168 100
99 61.3 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.872 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion:101 Resp: 2069
Ion Ratio Lower Upper
101 100
85 40.8 35.4 53.2
151 75.8 60.2 90.4

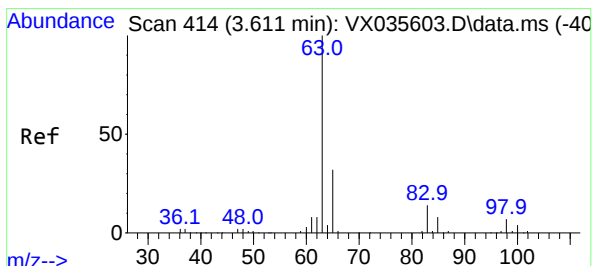
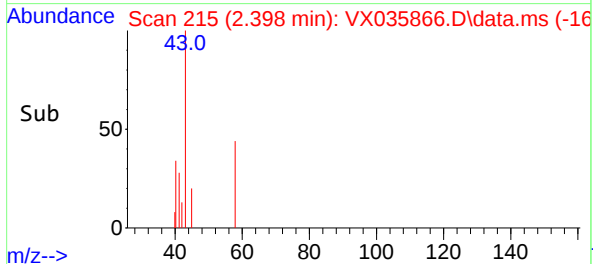
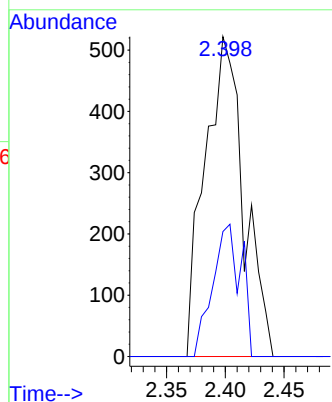
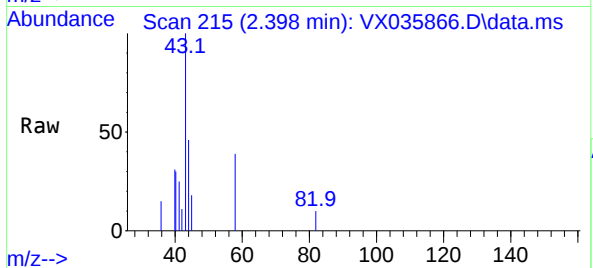




#16
Acetone
Concen: 0.791 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

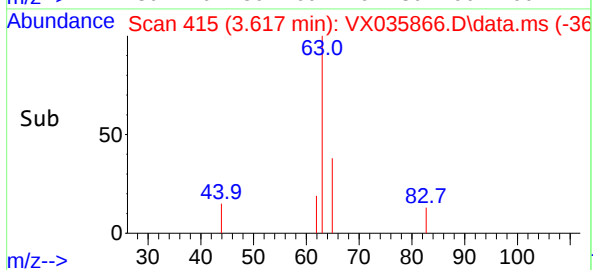
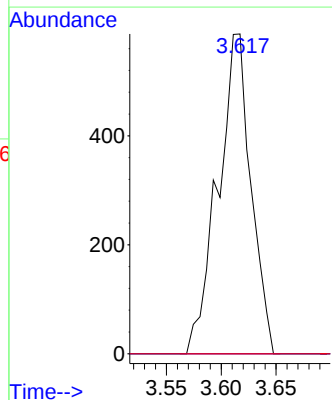
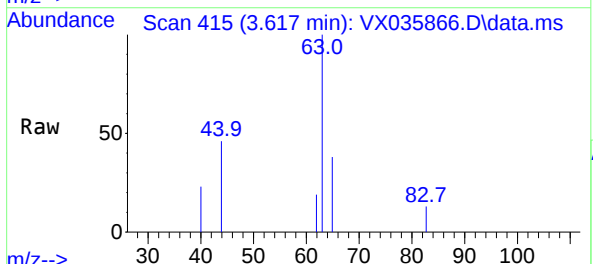
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

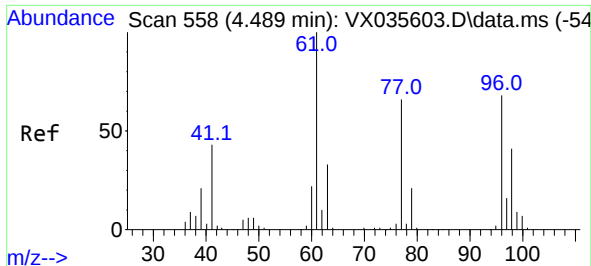
Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 39.1 24.7 37.1#



#24
1,1-Dichloroethane
Concen: 0.243 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion: 63 Resp: 1229
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.4 7.1#

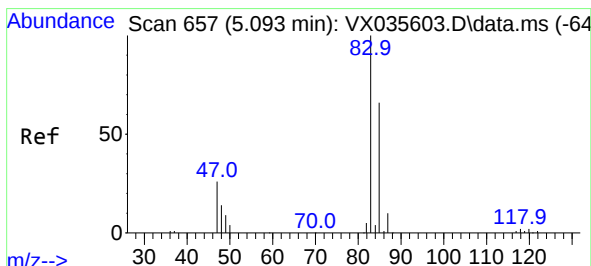
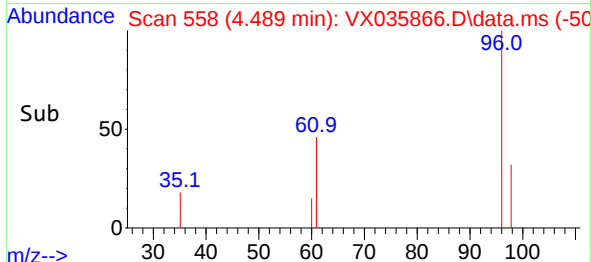
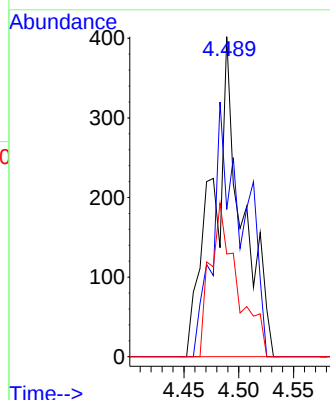
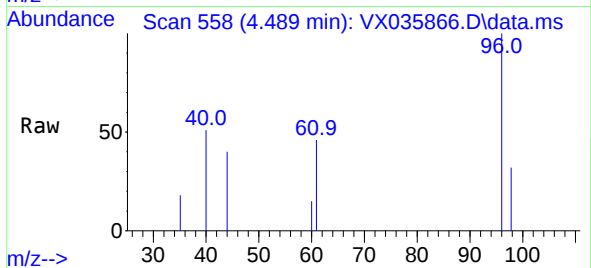




#27
cis-1,2-Dichloroethene
Concen: 0.252 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

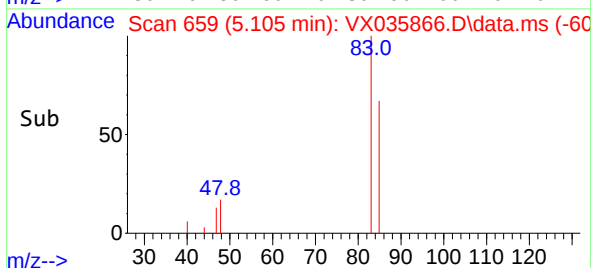
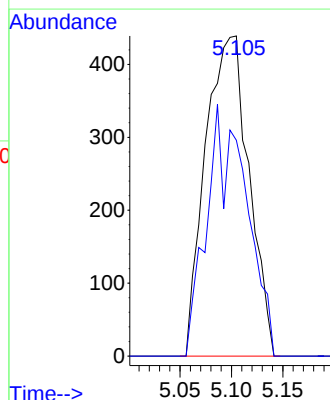
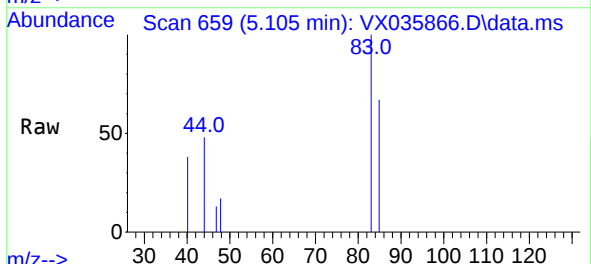
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

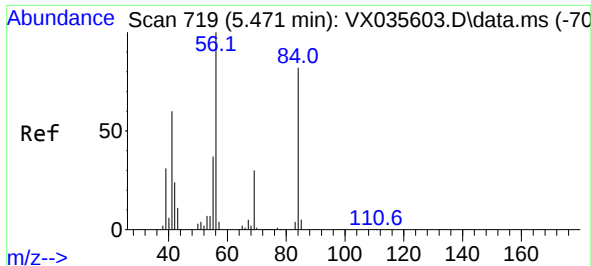
Tgt Ion: 96 Resp: 748
Ion Ratio Lower Upper
96 100
61 82.2 0.0 300.4
98 44.4 0.0 129.0



#30
Chloroform
Concen: 0.249 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

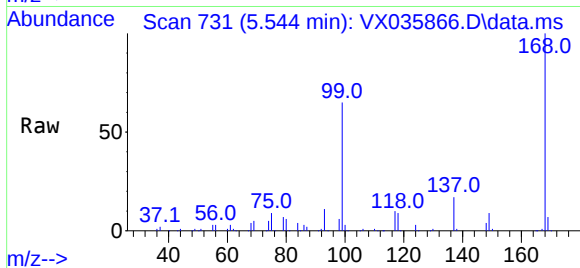
Tgt Ion: 83 Resp: 1292
Ion Ratio Lower Upper
83 100
85 67.4 50.6 76.0



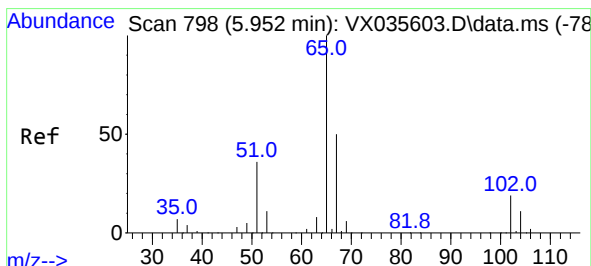
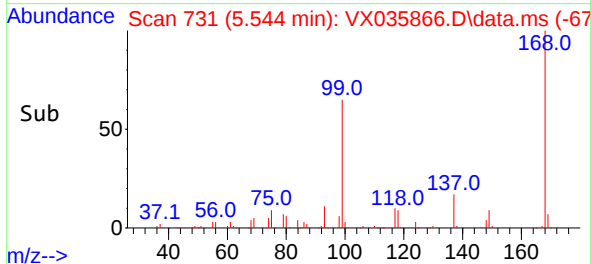
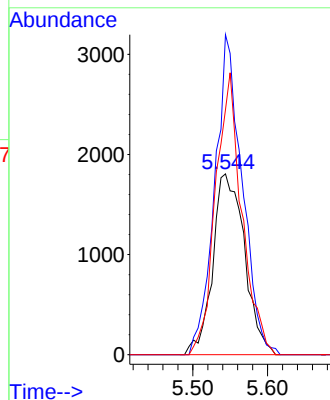


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

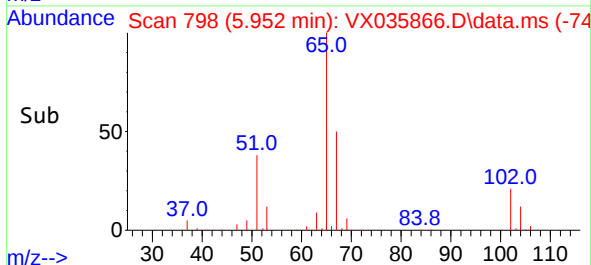
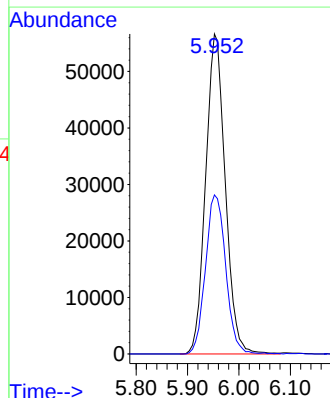
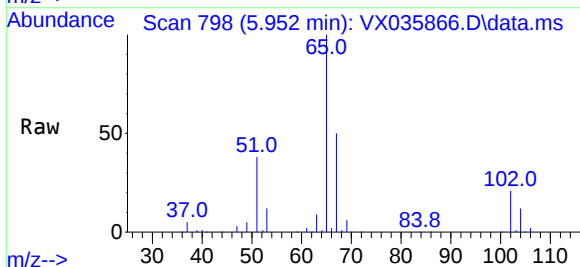


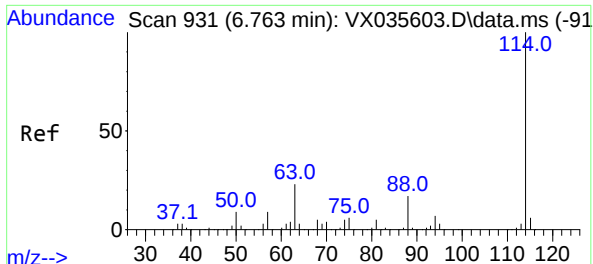
Tgt Ion: 56 Resp: 5328
Ion Ratio Lower Upper
56 100
69 176.9 23.7 35.5#
84 139.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.466 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion: 65 Resp: 149972
Ion Ratio Lower Upper
65 100
67 51.2 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: VX035866.D

Acq: 25 May 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20230523RE

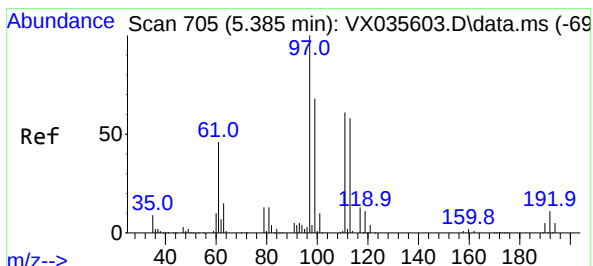
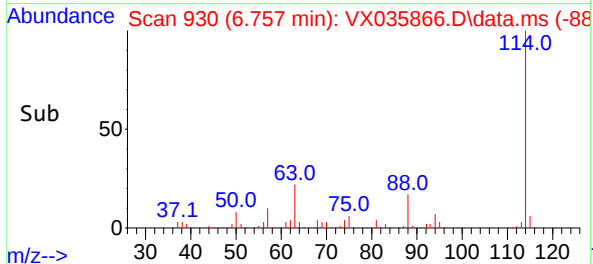
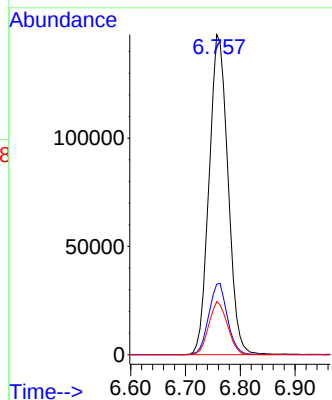
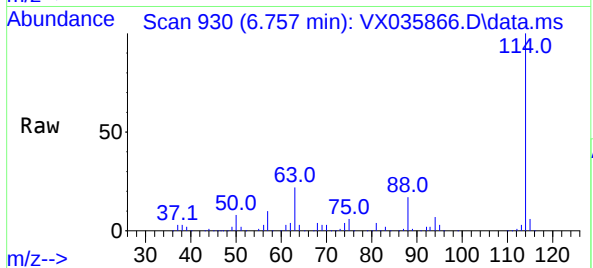
Tgt Ion:114 Resp: 353074

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.2

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.672 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

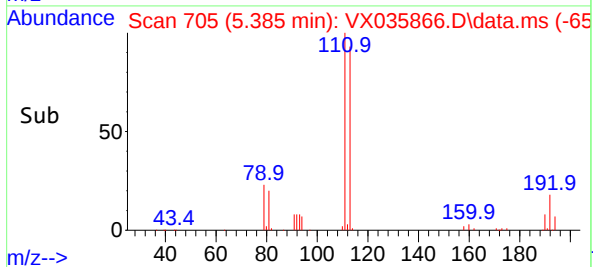
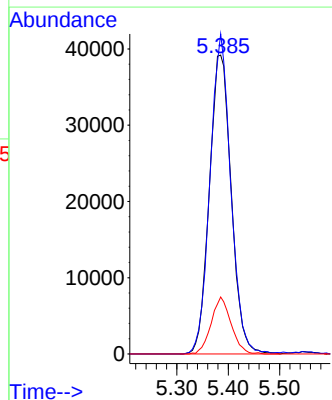
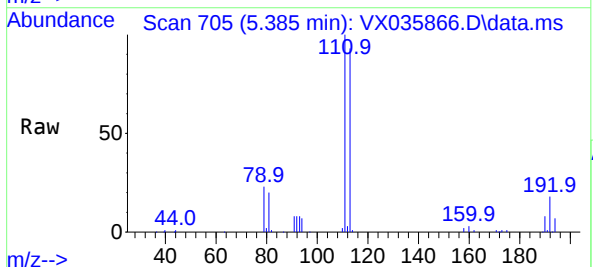
Tgt Ion:113 Resp: 115893

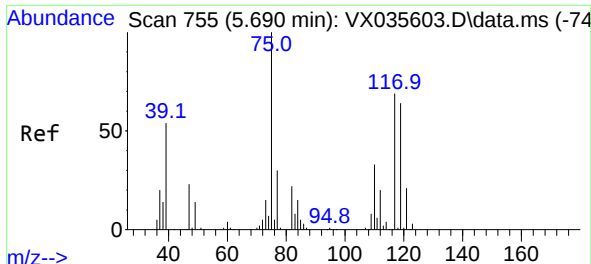
Ion Ratio Lower Upper

113 100

111 101.4 83.7 125.5

192 17.4 15.4 23.2

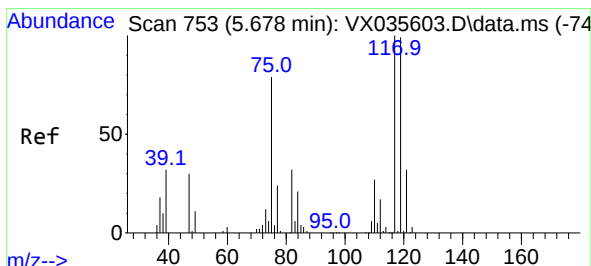
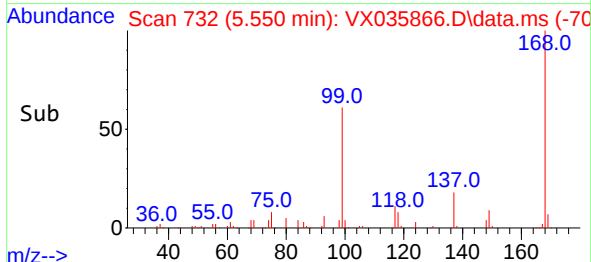
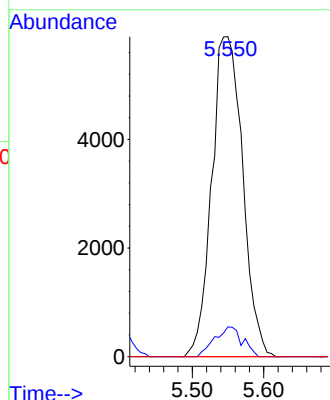
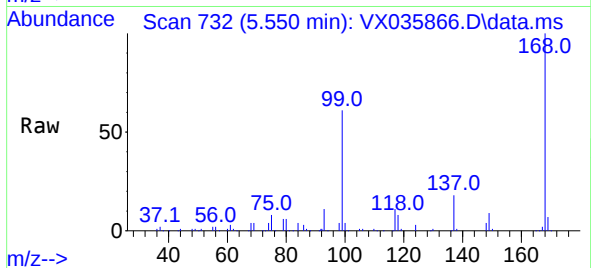




#36
1,1-Dichloropropene
Concen: 4.699 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

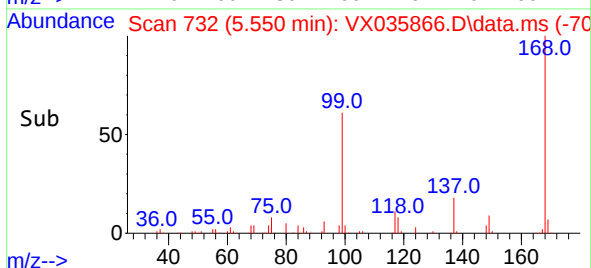
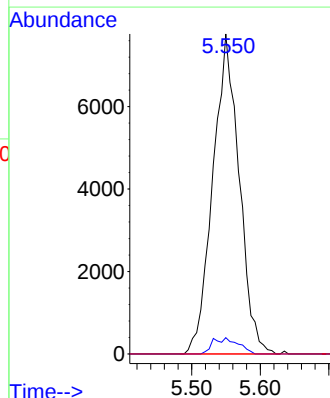
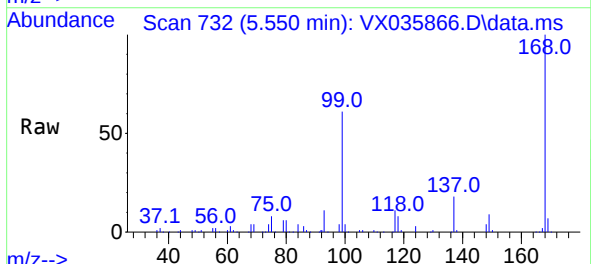
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

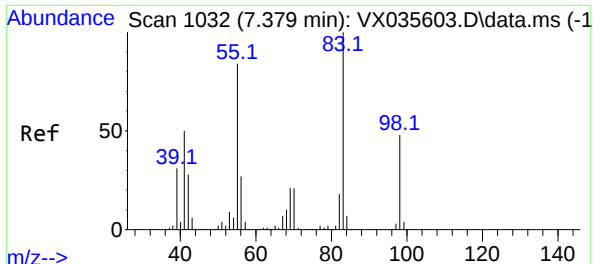
Tgt Ion: 75 Resp: 17663
Ion Ratio Lower Upper
75 100
110 8.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion: 117 Resp: 20693
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.204 ug/l

RT: 7.135 min Scan# 991

Delta R.T. -0.244 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20230523RE

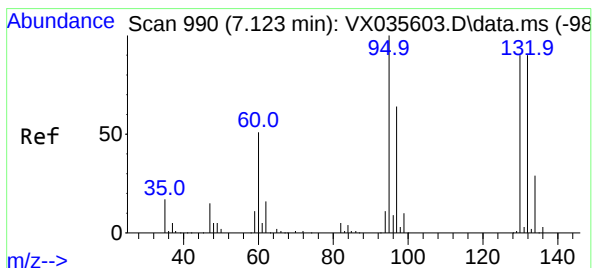
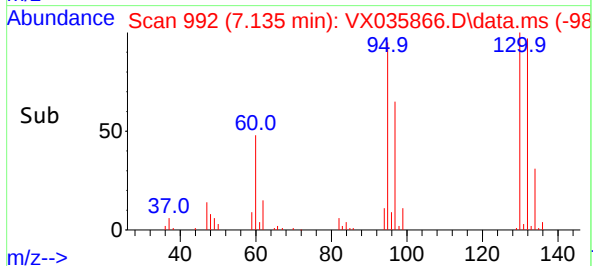
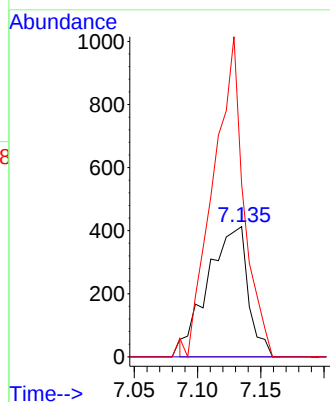
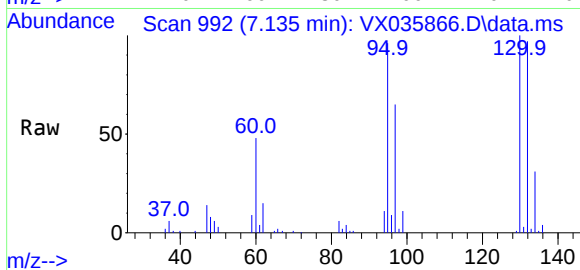
Tgt Ion: 83 Resp: 903

Ion Ratio Lower Upper

83 100

55 0.0 60.5 90.7#

98 132.7 40.4 60.6#



#44

Trichloroethene

Concen: 24.372 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035866.D

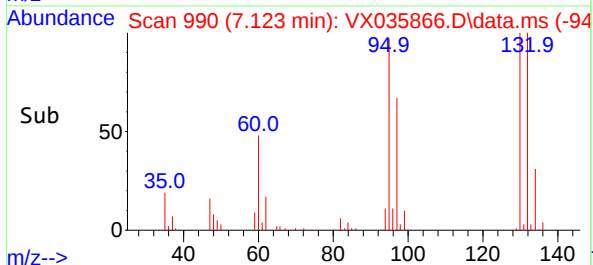
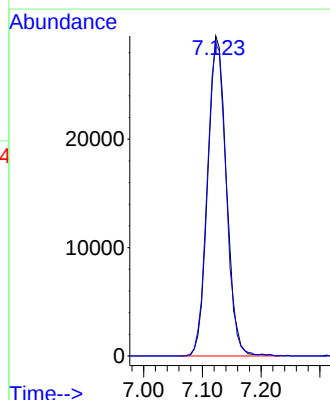
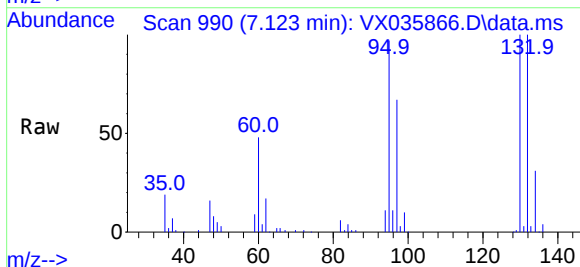
Acq: 25 May 2023 20:14

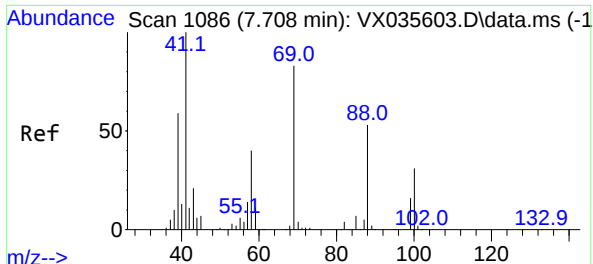
Tgt Ion:130 Resp: 64978

Ion Ratio Lower Upper

130 100

95 97.5 0.0 198.4





#49

1,4-Dioxane

Concen: 5.888 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035866.D

Acq: 25 May 2023 20:14

Instrument :

MSVOA_X

ClientSampleId :

TT172S1-20230523RE

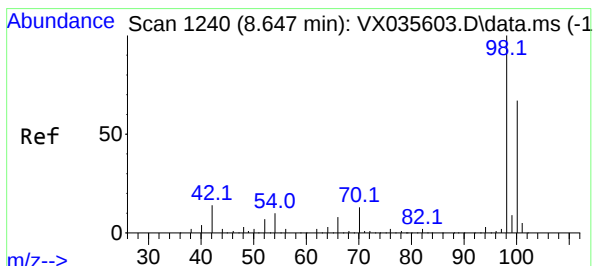
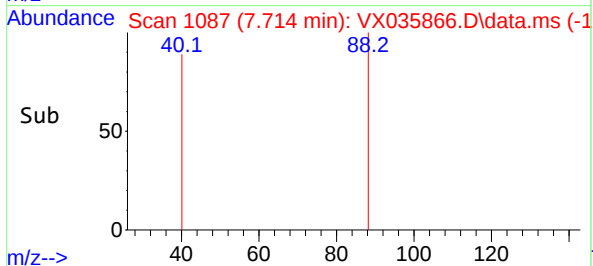
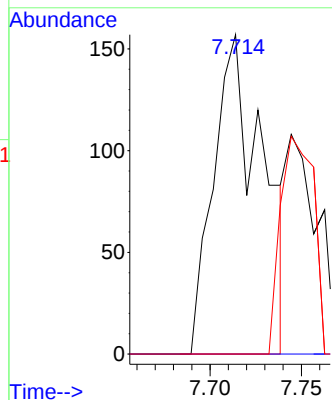
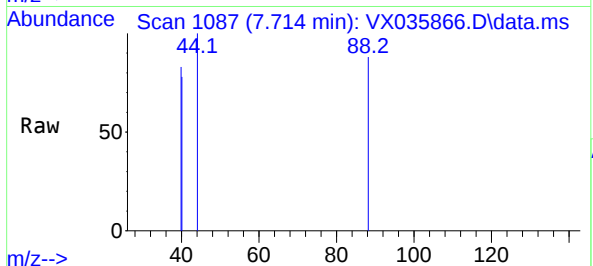
Tgt Ion: 88 Resp: 291

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 43.898 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035866.D

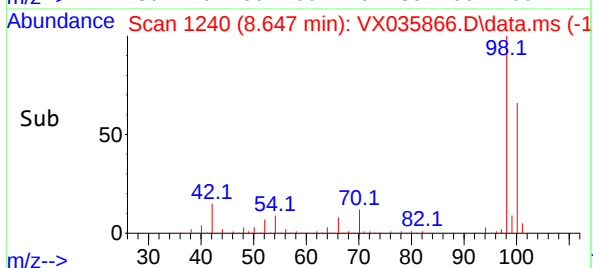
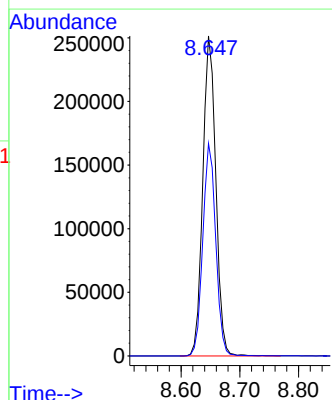
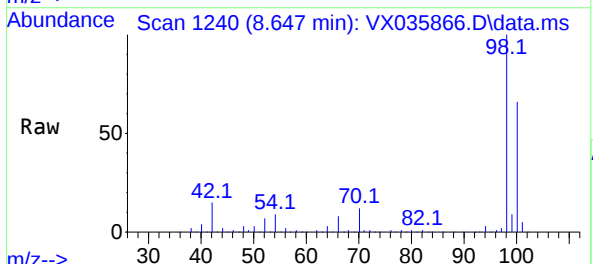
Acq: 25 May 2023 20:14

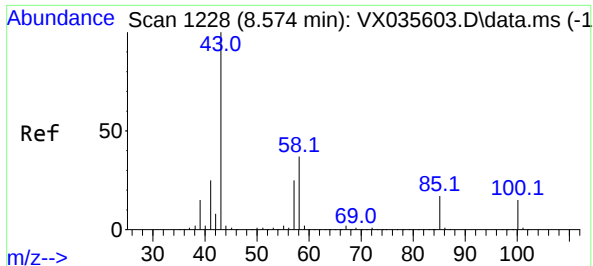
Tgt Ion: 98 Resp: 386147

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

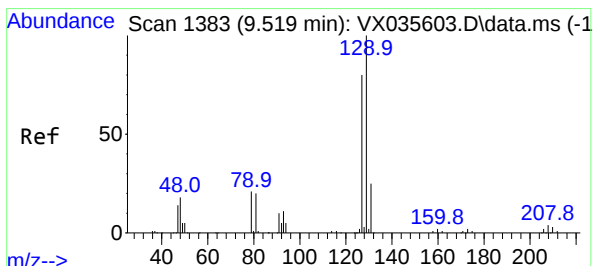
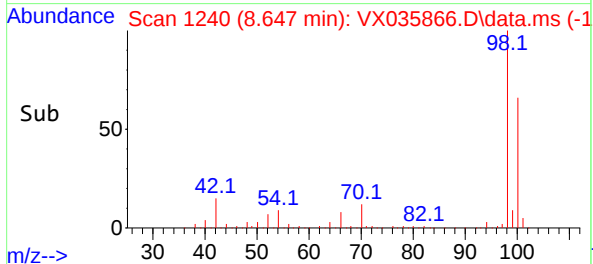
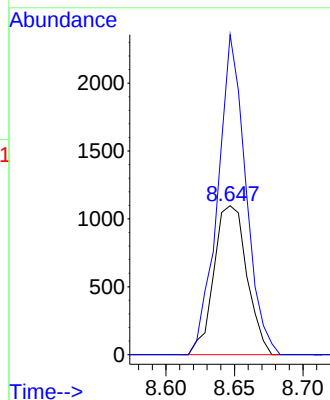
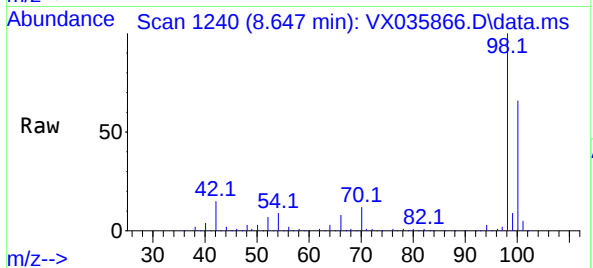




#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

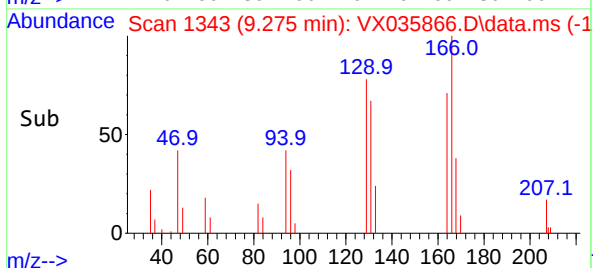
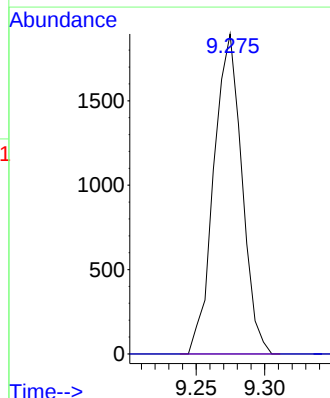
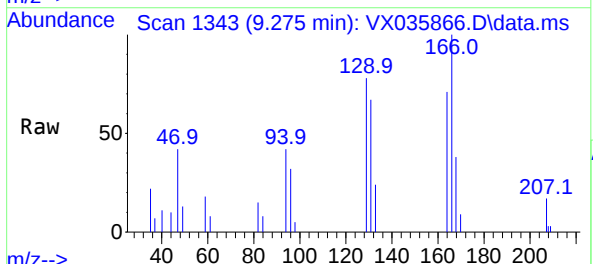
Instrument : MSVOA_X
ClientSampleId : TT172S1-20230523RE

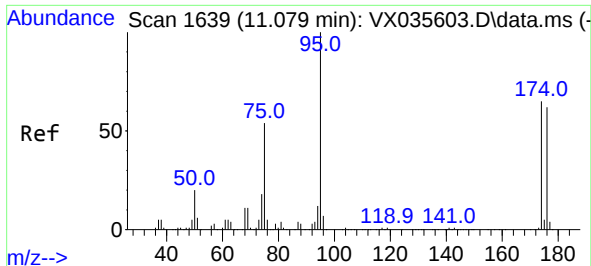
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 182.6 30.6 46.0#



#60
Dibromochloromethane
Concen: 1.087 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion: 129 Resp: 2701
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

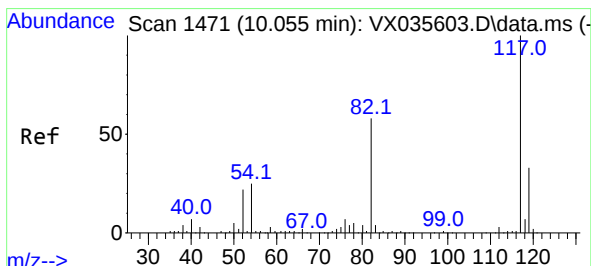
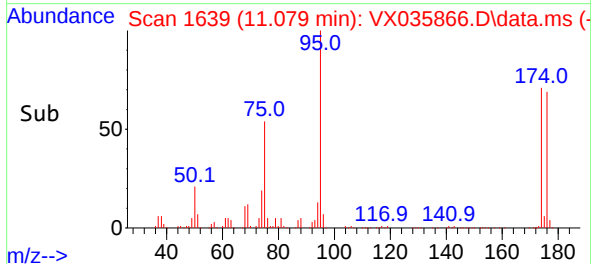
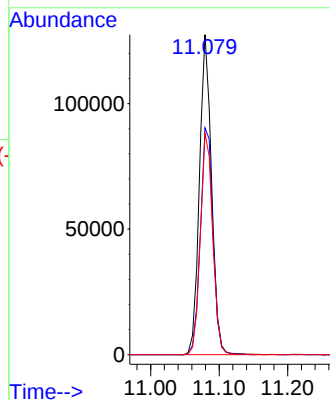
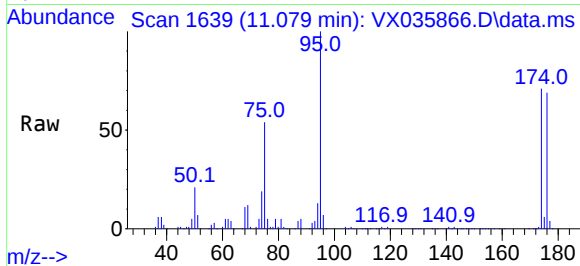




#62
4-Bromofluorobenzene
Concen: 44.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

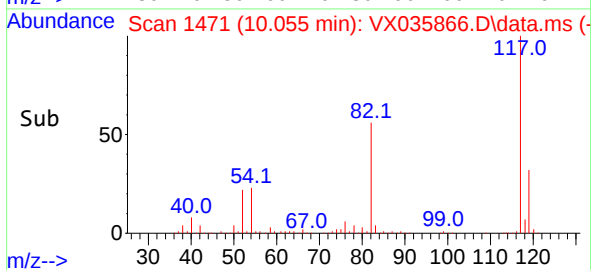
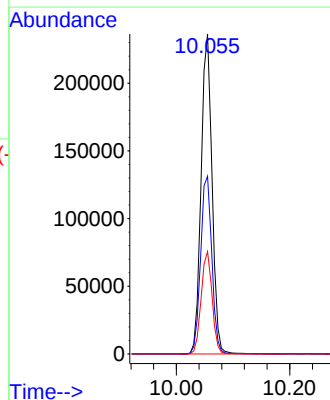
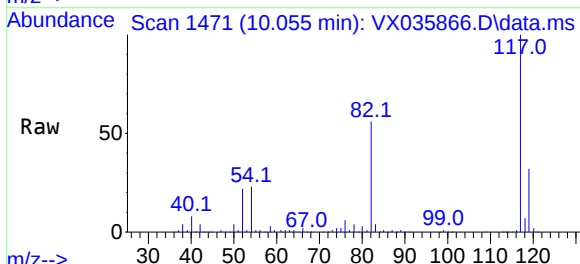
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

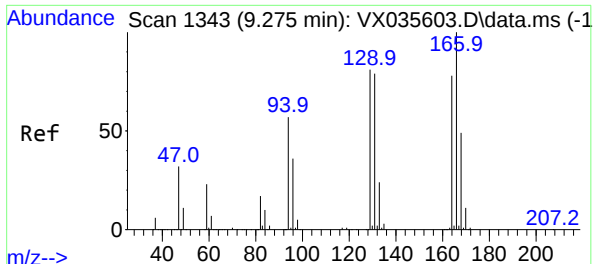
Tgt Ion: 95 Resp: 156374
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 70.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion: 117 Resp: 315879
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.0 26.0 39.0



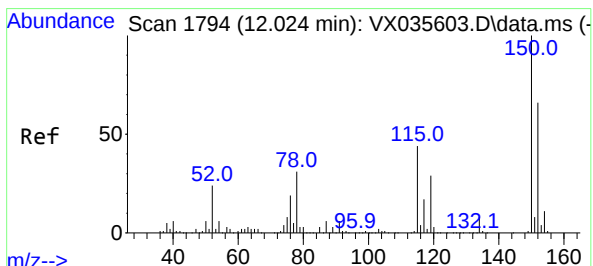
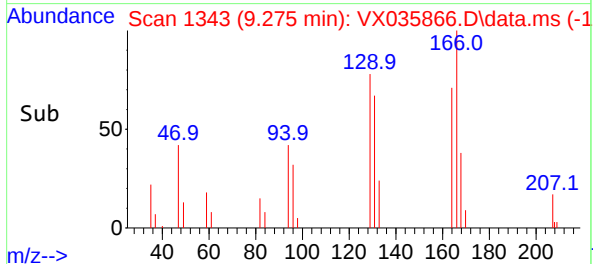
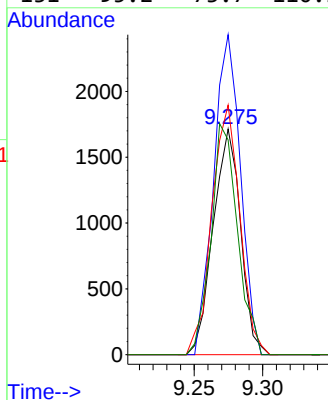
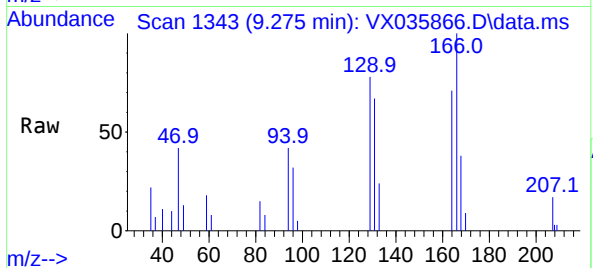


#64
Tetrachloroethene
Concen: 1.118 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

Tgt Ion:164 Resp: 2378

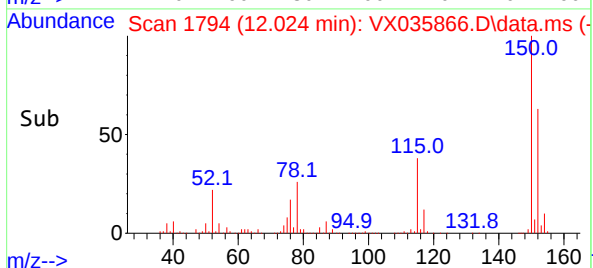
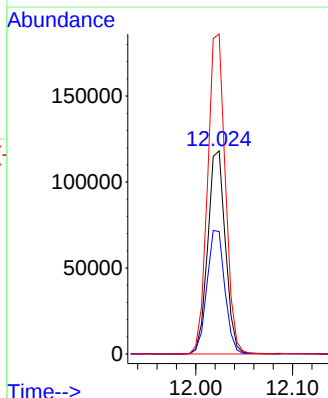
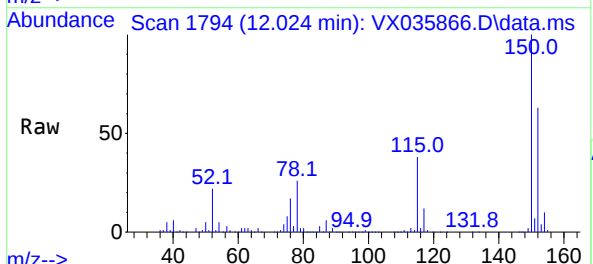
Ion	Ratio	Lower	Upper
164	100		
166	141.8	102.7	154.1
129	110.6	75.6	113.4
131	95.2	73.7	110.5

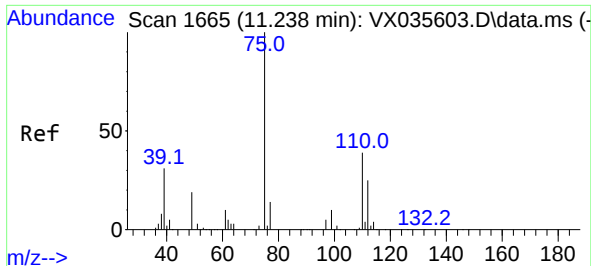


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion:152 Resp: 150115

Ion	Ratio	Lower	Upper
152	100		
115	61.9	45.0	135.0
150	158.4	0.0	352.4

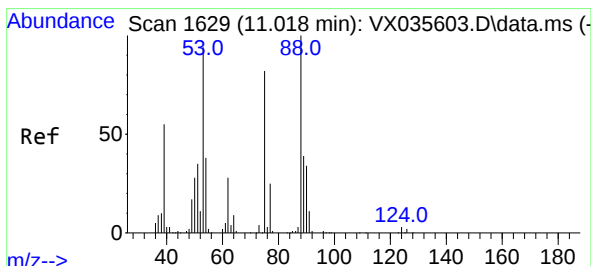
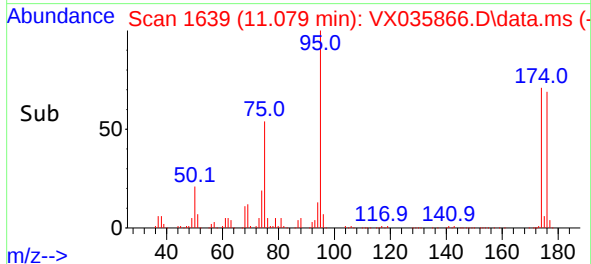
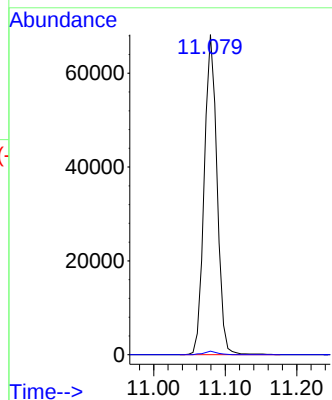
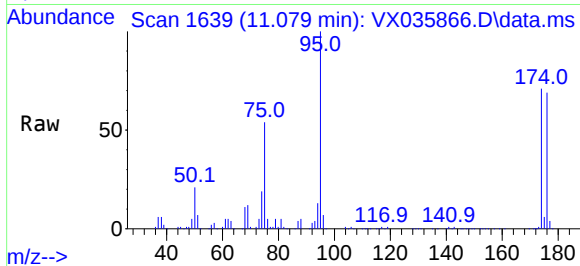




#76
1,2,3-Trichloropropane
Concen: 23.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20230523RE

Tgt Ion: 75 Resp: 84805
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035866.D
Acq: 25 May 2023 20:14

Tgt Ion: 75 Resp: 84805
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

