

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022612.D
 Acq On : 09 Jun 2021 14:37
 Operator : JC/MD
 Sample : M2652-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20210608

Quant Time: Jun 10 05:42:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

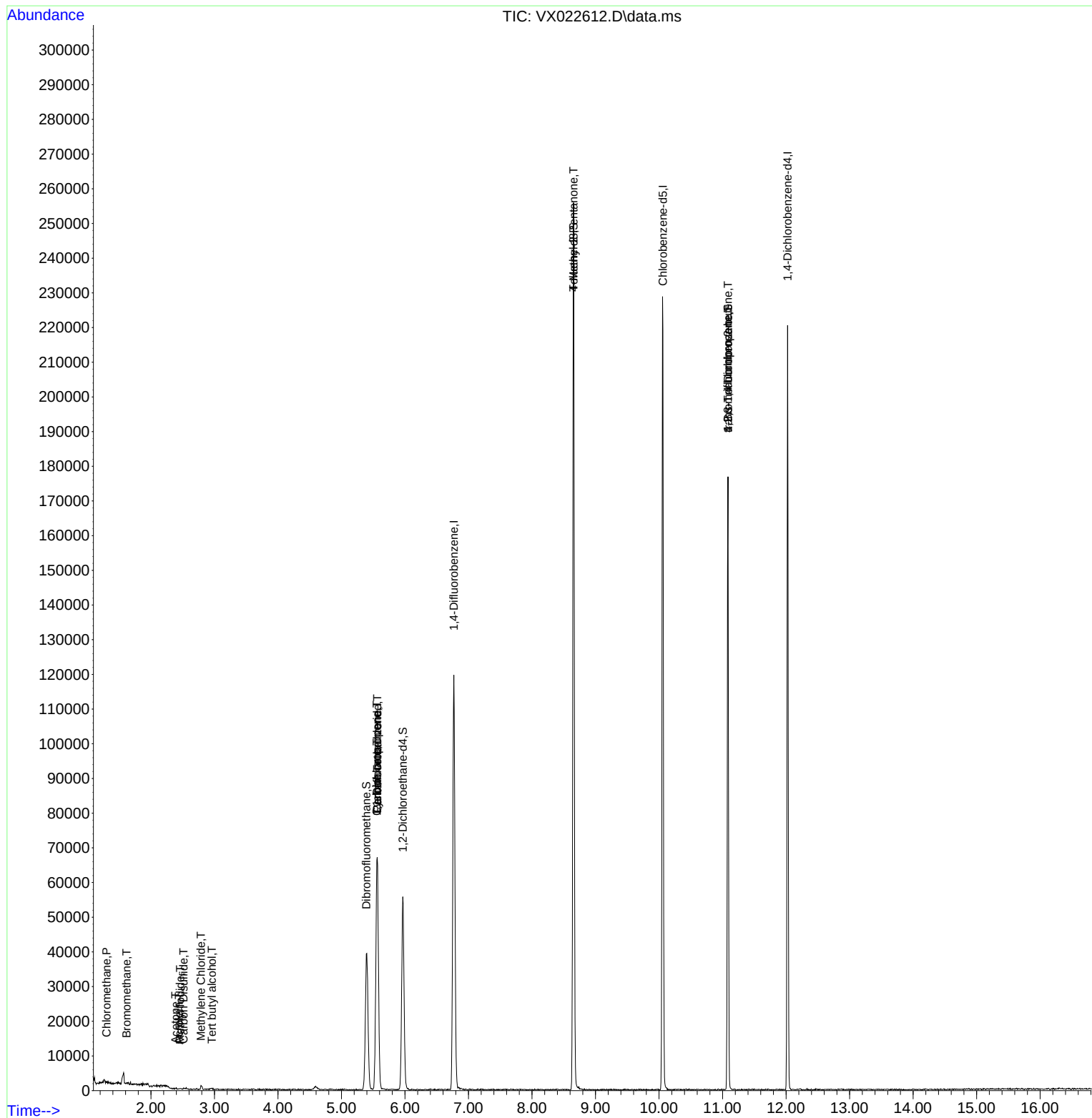
Internal Standards						
1) Pentafluorobenzene	5.562	168	57553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	115693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	100651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38852	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49329	48.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.42%
35) Dibromofluoromethane	5.391	113	34098	47.11	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.22%
50) Toluene-d8	8.653	98	143184	49.58	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.16%
62) 4-Bromofluorobenzene	11.085	95	48181	44.88	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.76%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	206	0.25	ug/l	92
5) Bromomethane	1.618	94	175	0.42	ug/l #	47
10) Methyl Iodide	2.459	142	184	0.22	ug/l #	88
11) Tert butyl alcohol	2.959	59	246	1.07	ug/l #	73
13) Acrolein	2.441	56	24	3.34	ug/l #	14
16) Acetone	2.386	43	414	0.90	ug/l #	40
17) Carbon Disulfide	2.514	76	174	3.47	ug/l #	75
20) Methylene Chloride	2.788	84	331	0.34	ug/l #	34
31) Cyclohexane	5.556	56	1693	1.40	ug/l #	65
36) 1,1-Dichloropropene	5.556	75	5856	5.23	ug/l #	45
38) Carbon Tetrachloride	5.562	117	6817	8.36	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	817	0.56	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	25608	25.44	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	25608	62.86	ug/l #	12

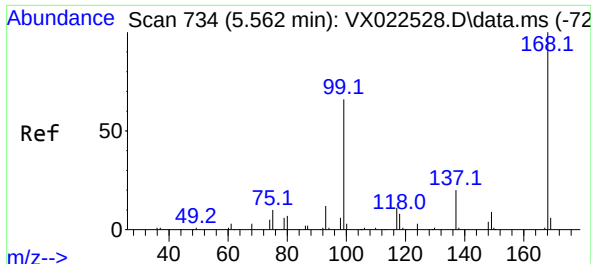
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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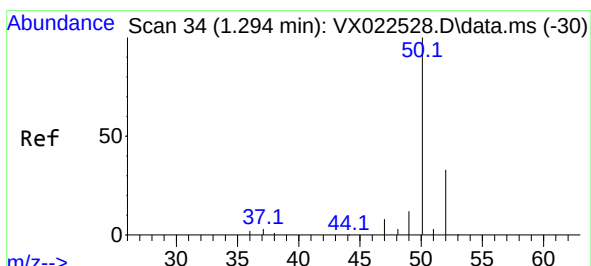
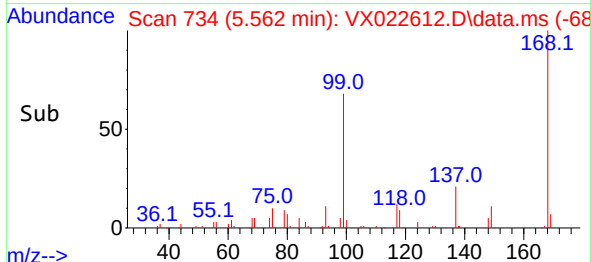
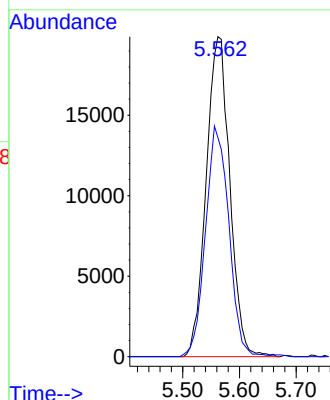
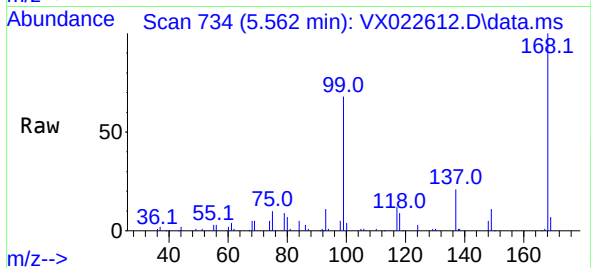




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

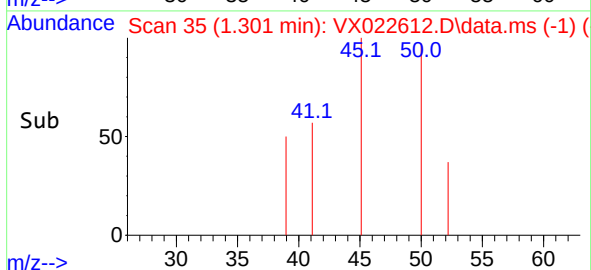
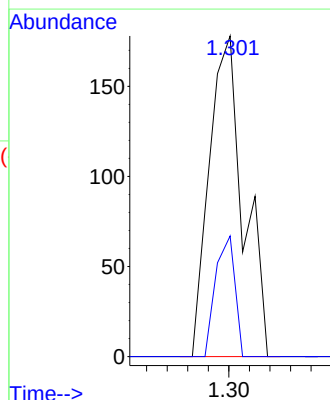
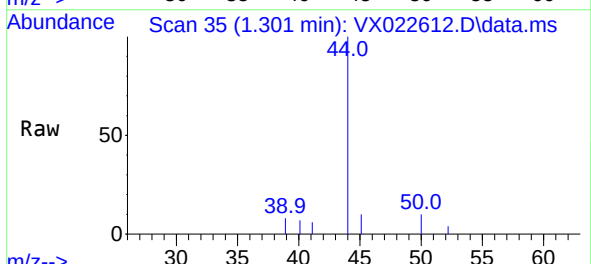
Instrument :
MSVOA_X
ClientSampleId :
TB05-20210608

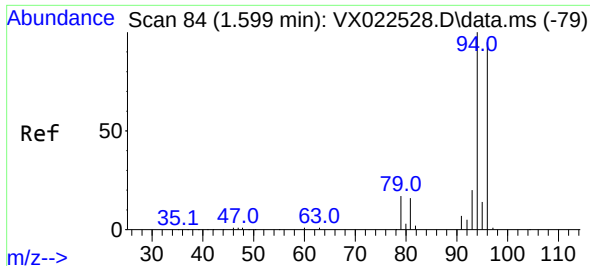
Tgt Ion:168 Resp: 57553
Ion Ratio Lower Upper
168 100
99 68.4 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion: 50 Resp: 206
Ion Ratio Lower Upper
50 100
52 37.6 26.4 39.6

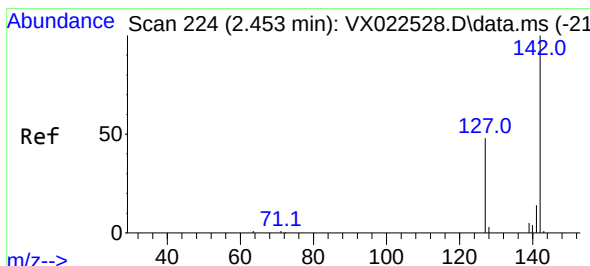
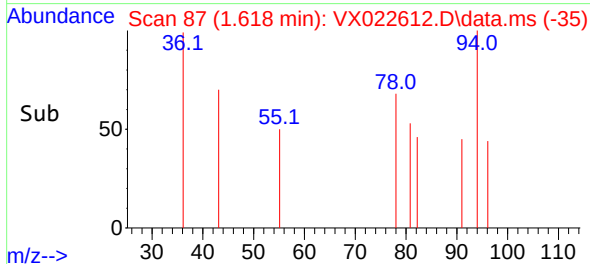
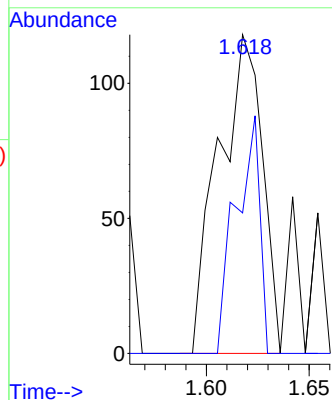
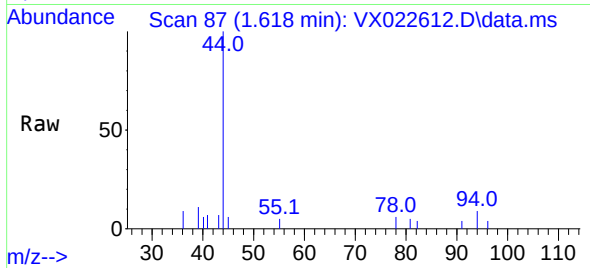




#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

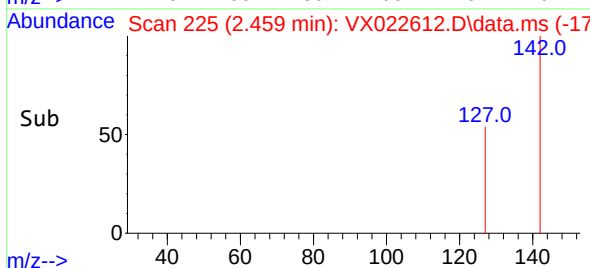
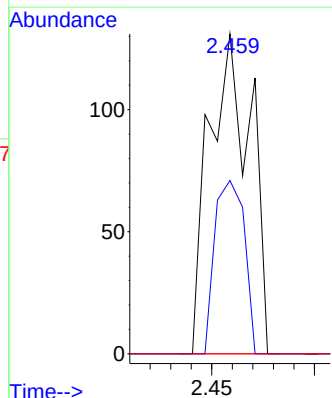
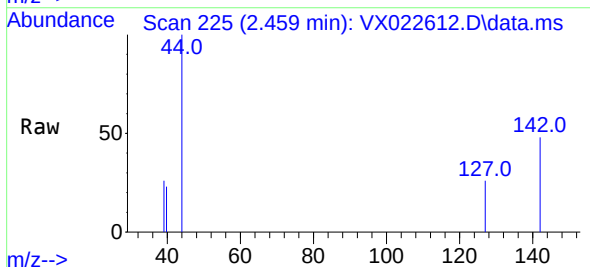
Instrument :
MSVOA_X
ClientSampleId :
TB05-20210608

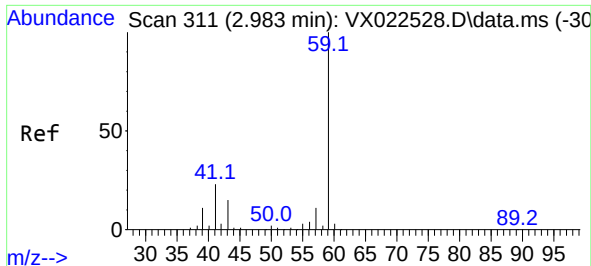
Tgt Ion: 94 Resp: 175
Ion Ratio Lower Upper
94 100
96 44.1 76.4 114.6#



#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
127 38.6 33.3 49.9
141 0.0 11.4 17.0#

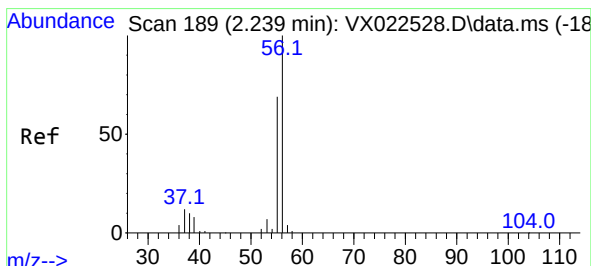
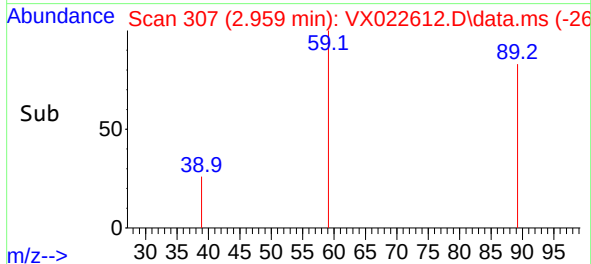
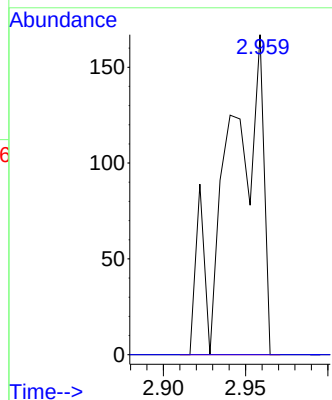
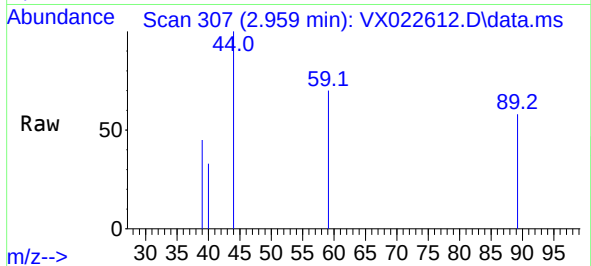




#11
Tert butyl alcohol
Concen: 1.07 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

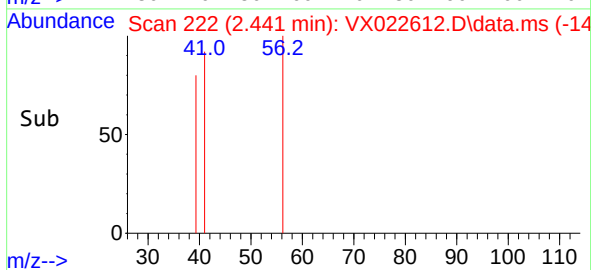
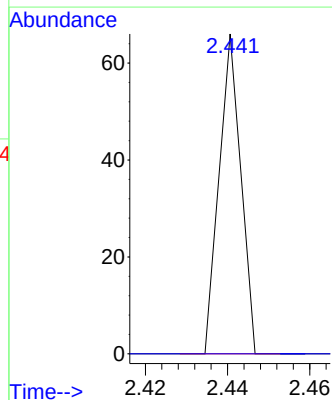
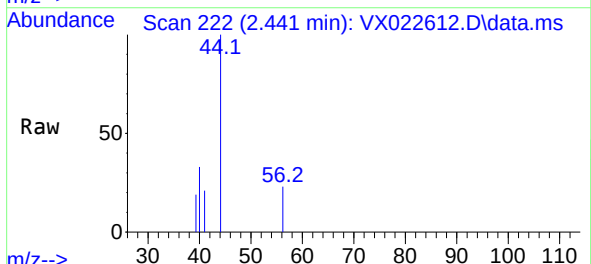
Instrument :
MSVOA_X
ClientSampleId :
TB05-20210608

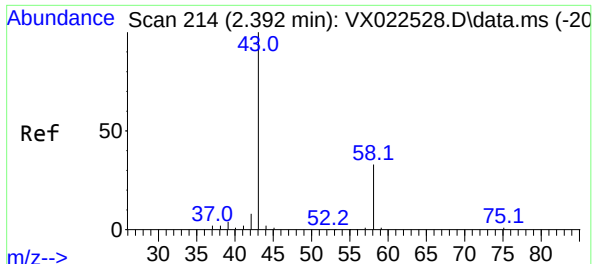
Tgt Ion: 59 Resp: 246
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.34 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.202 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion: 56 Resp: 24
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

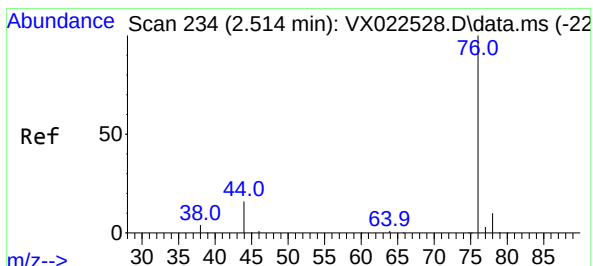
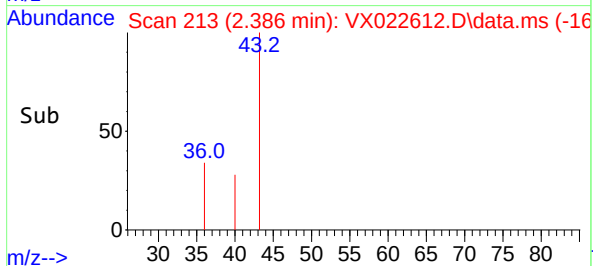
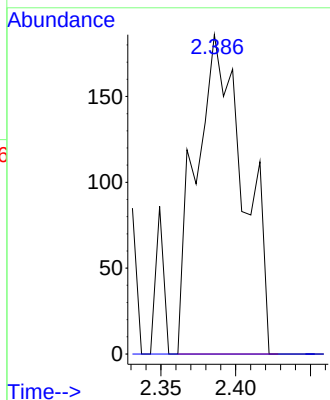
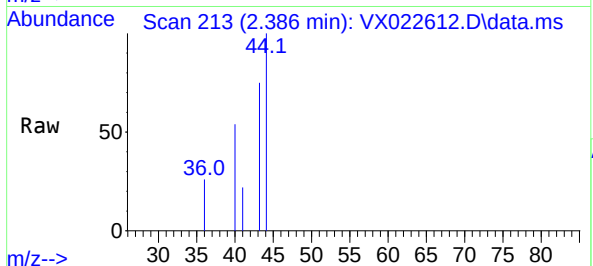




#16
Acetone
Concen: 0.90 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

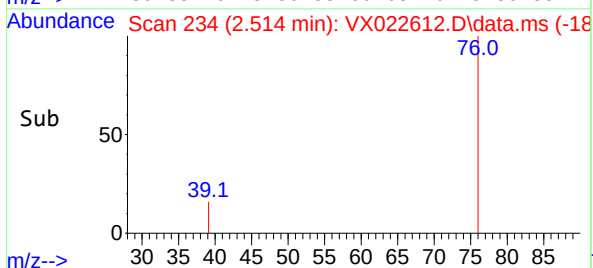
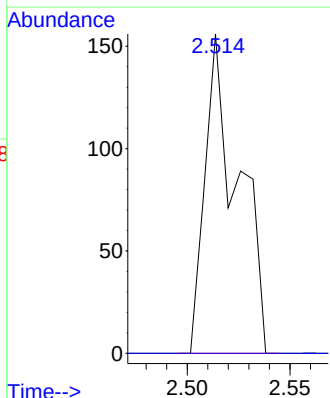
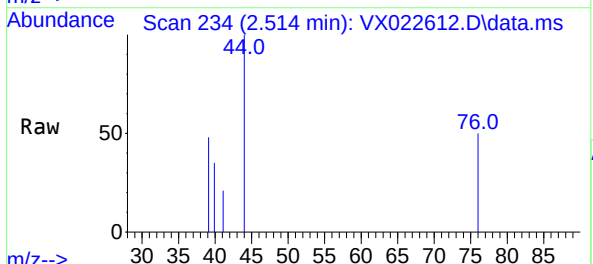
Instrument :
MSVOA_X
ClientSampleId :
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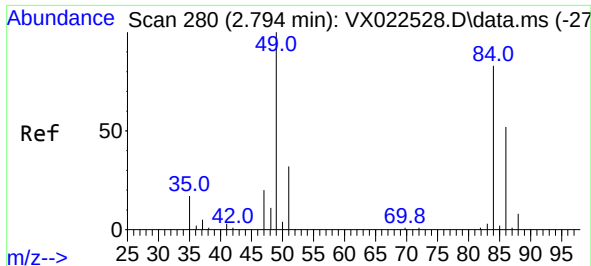
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.47 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion: 76 Resp: 174
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.34 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022612.D

Acq: 09 Jun 2021 14:37

Tgt Ion: 84 Resp: 331

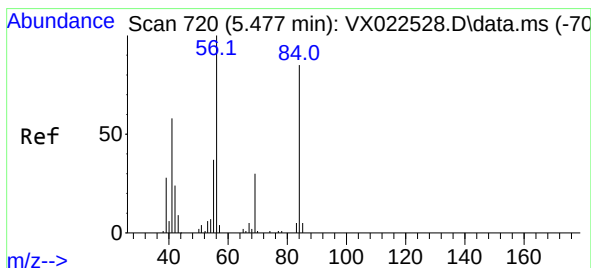
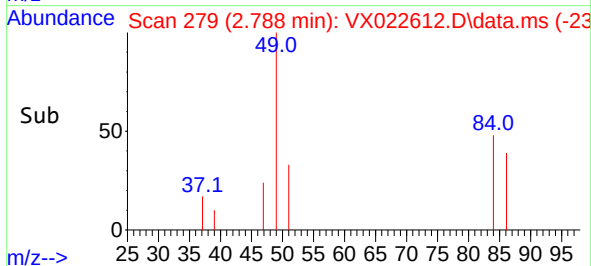
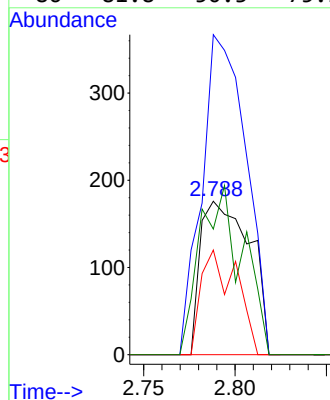
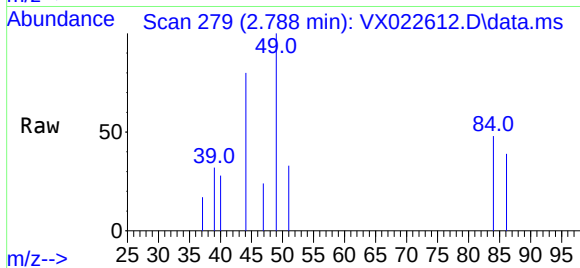
Ion Ratio Lower Upper

84 100

49 208.5 88.6 132.8#

51 68.2 27.0 40.6#

86 81.8 50.3 75.5#



#31

Cyclohexane

Concen: 1.40 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022612.D

Acq: 09 Jun 2021 14:37

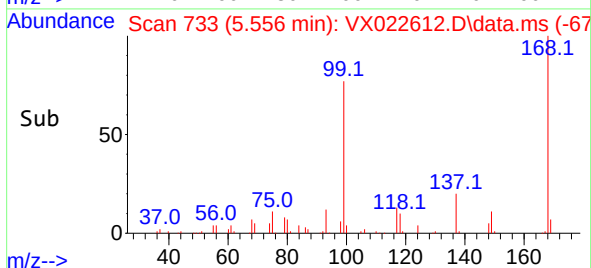
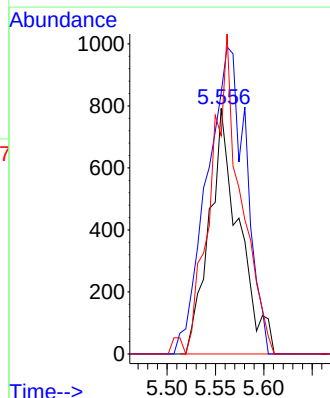
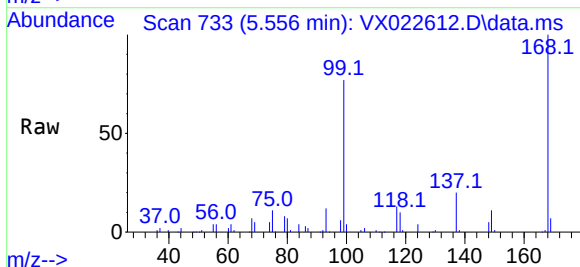
Tgt Ion: 56 Resp: 1693

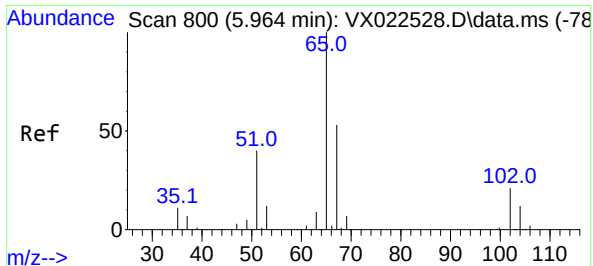
Ion Ratio Lower Upper

56 100

69 106.2 25.3 37.9#

84 88.9 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.21 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022612.D

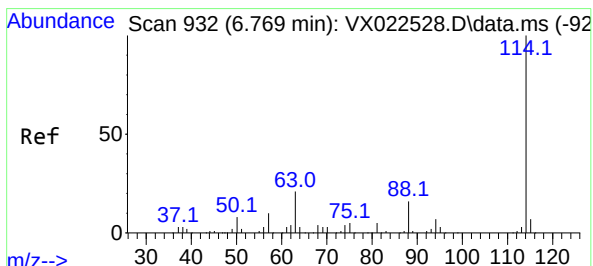
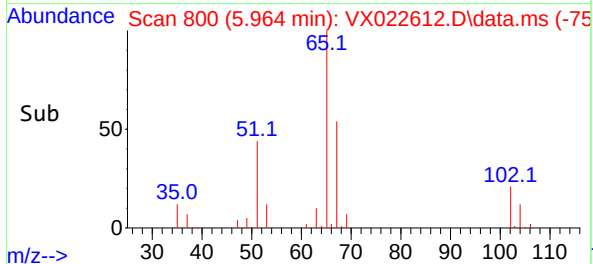
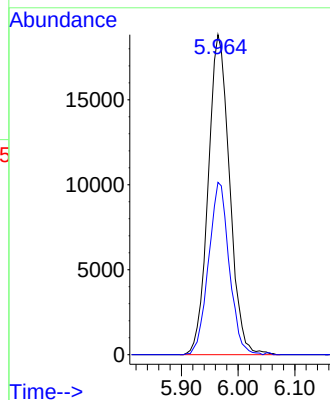
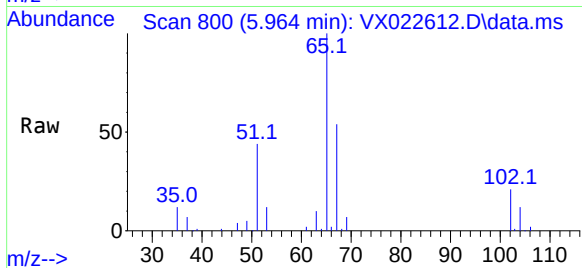
Acq: 09 Jun 2021 14:37

Tgt Ion: 65 Resp: 49329

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022612.D

Acq: 09 Jun 2021 14:37

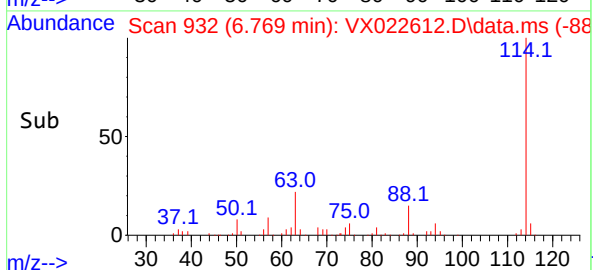
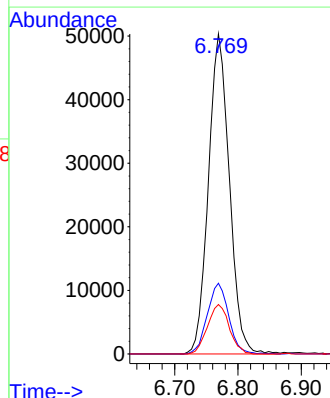
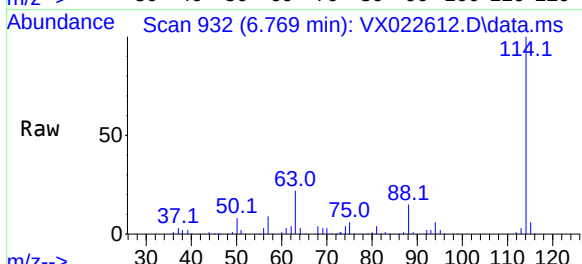
Tgt Ion: 114 Resp: 115693

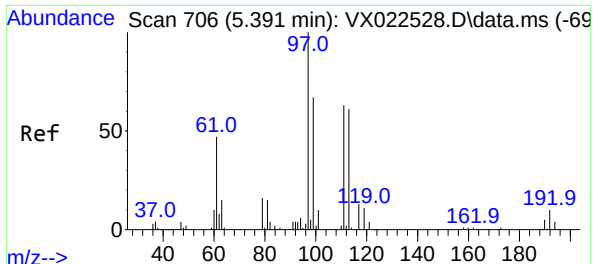
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.8

88 15.5 0.0 32.8

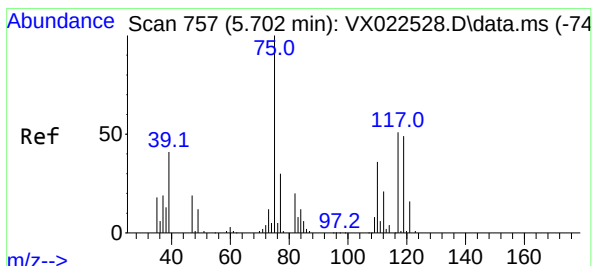
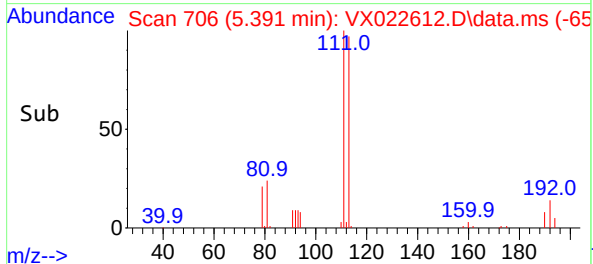
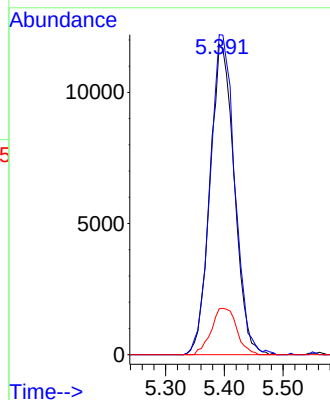
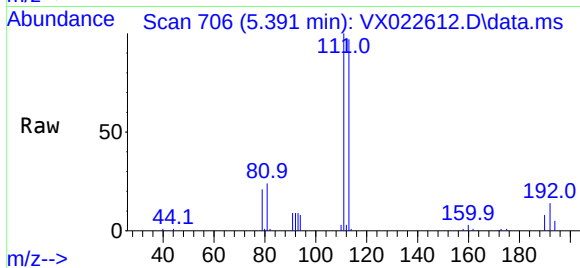




#35
Dibromofluoromethane
Concen: 47.11 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

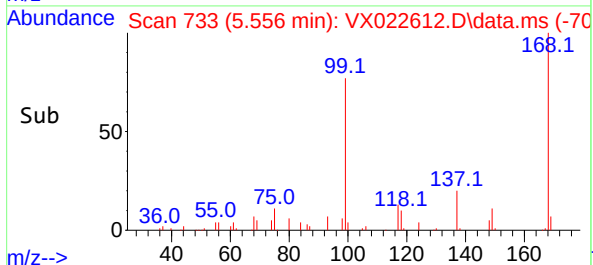
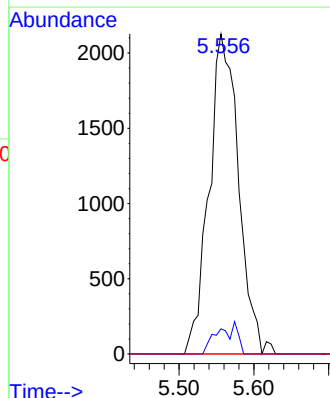
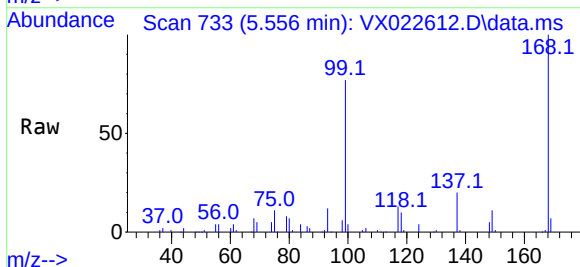
Instrument :
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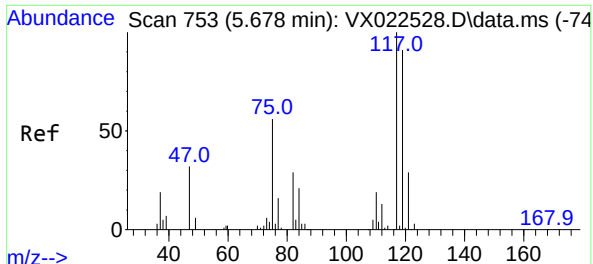
Tgt Ion:113 Resp: 34098
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 15.6 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.23 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

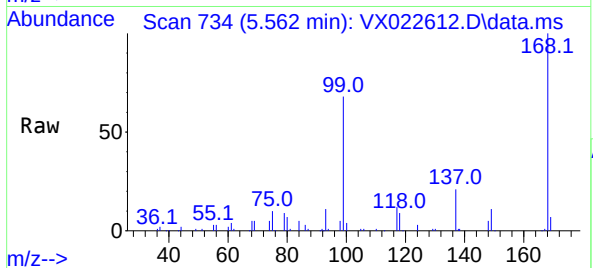
Tgt Ion: 75 Resp: 5856
Ion Ratio Lower Upper
75 100
110 4.6 18.1 54.4#
77 0.0 25.3 37.9#



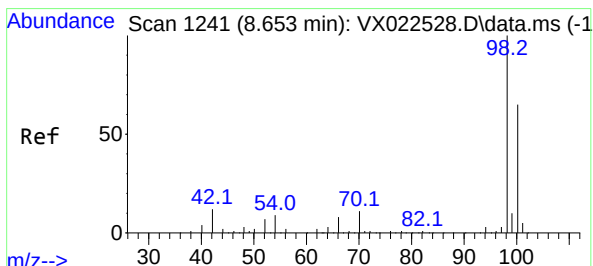
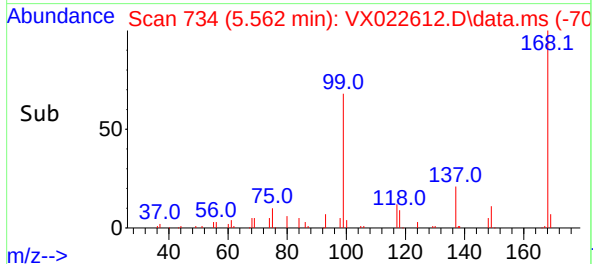
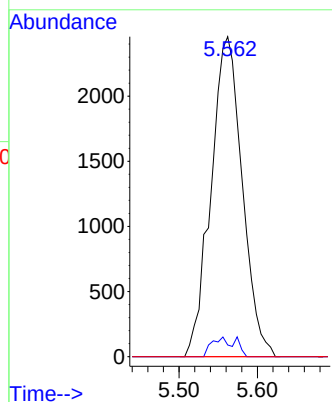


#38
Carbon Tetrachloride
Concen: 8.36 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :
TB05-20210608

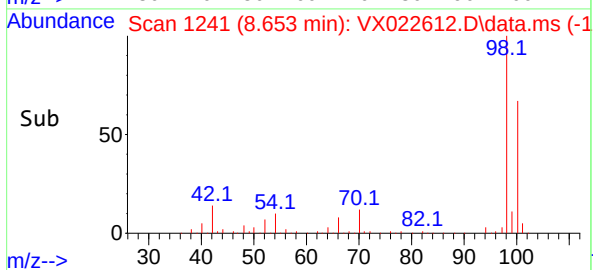
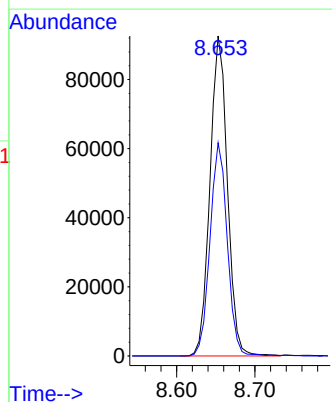
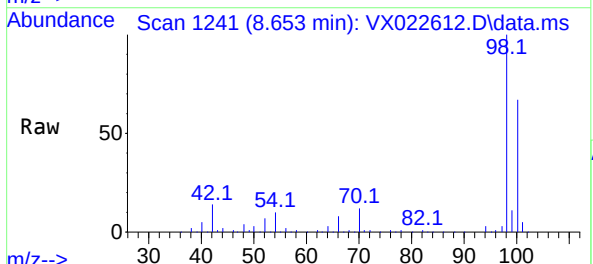


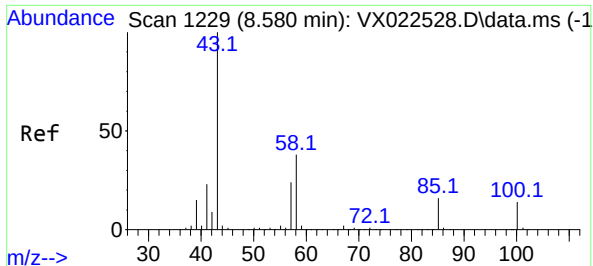
Tgt Ion:117 Resp: 6817
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion: 98 Resp: 143184
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

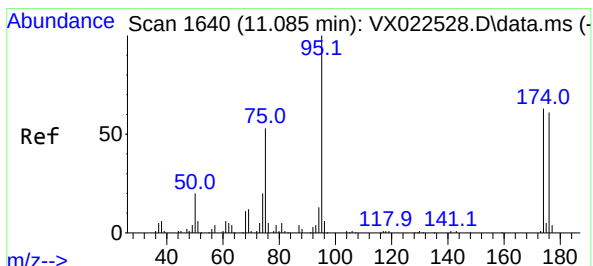
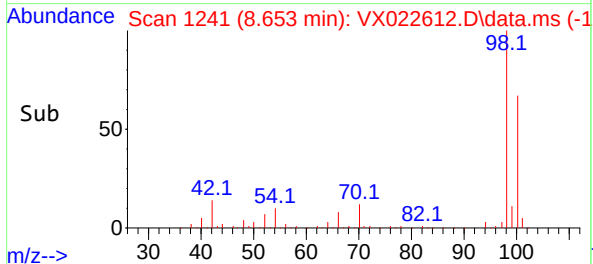
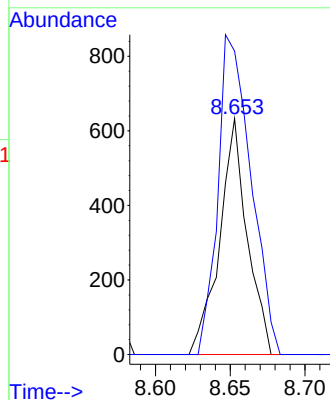
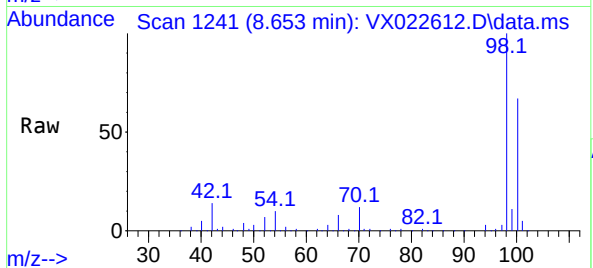




#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

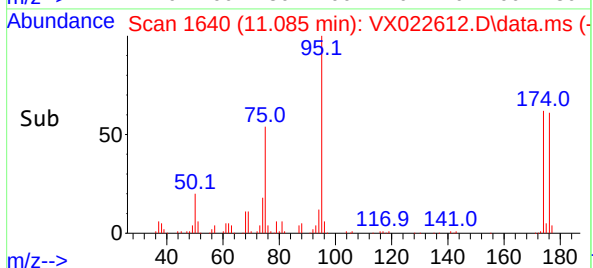
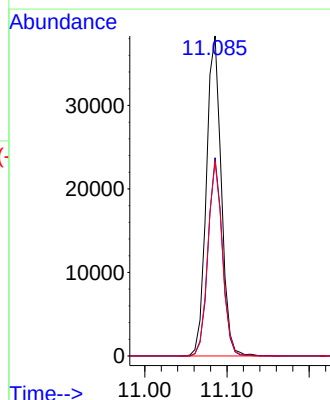
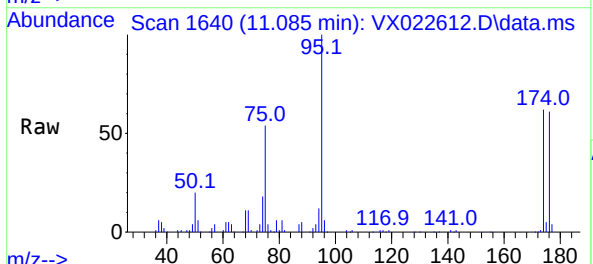
Instrument :
MSVOA_X
ClientSampleId :
TB05-20210608

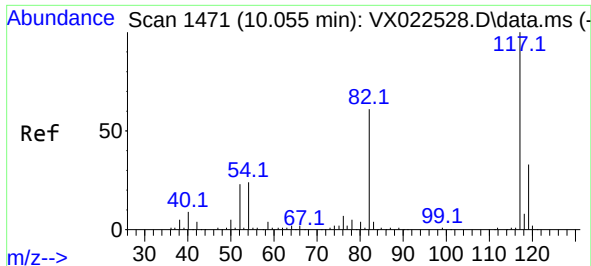
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 161.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.88 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion: 95 Resp: 48181
Ion Ratio Lower Upper
95 100
174 59.0 0.0 154.6
176 58.8 0.0 155.8

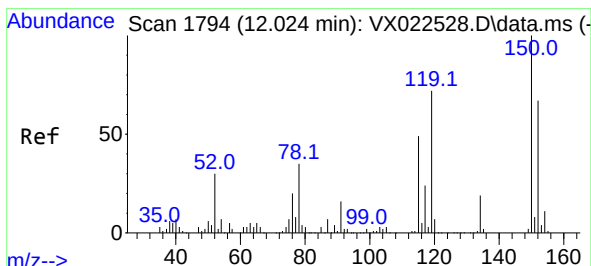
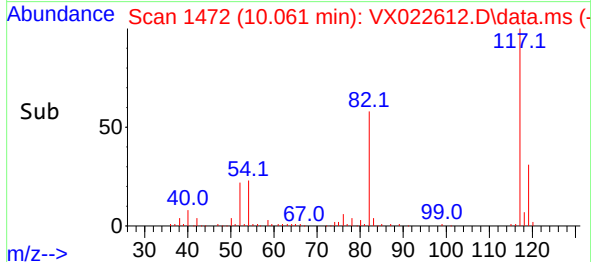
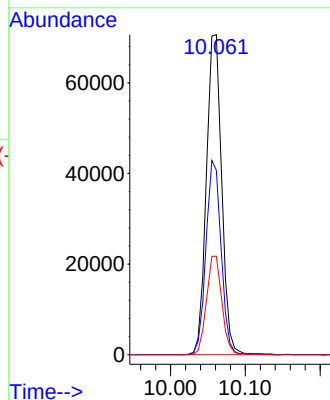
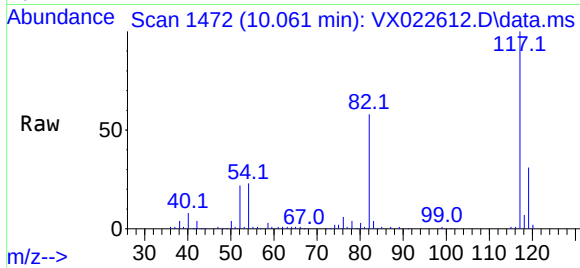




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

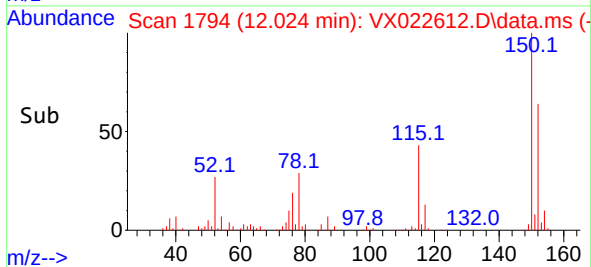
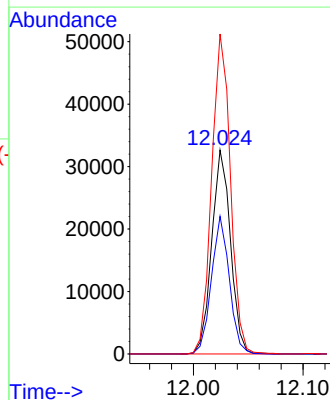
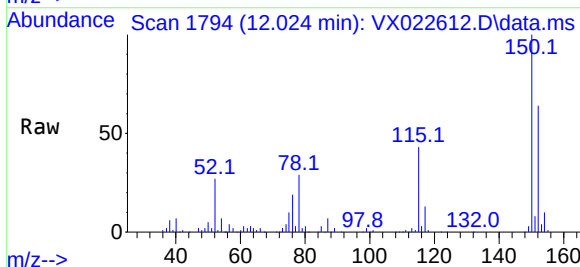
Instrument :
MSVOA_X
ClientSampleId :
TB05-20210608

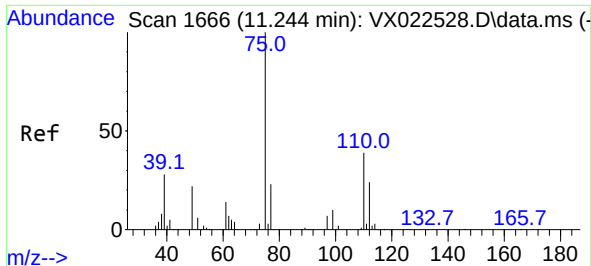
Tgt Ion:117 Resp: 100651
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion:152 Resp: 38852
Ion Ratio Lower Upper
152 100
115 64.4 41.1 123.3
150 156.9 0.0 349.0

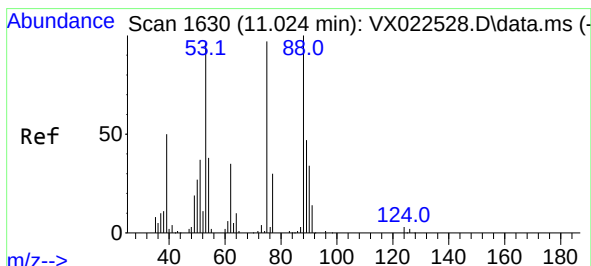
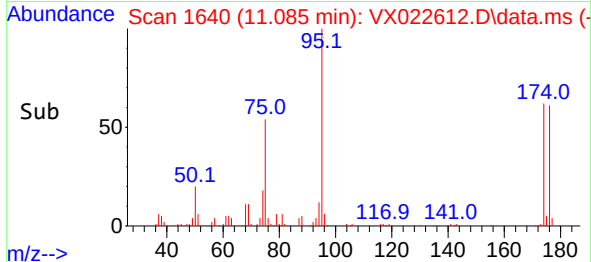
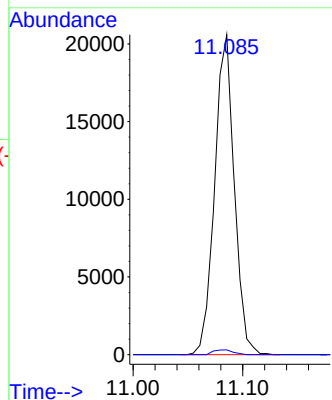
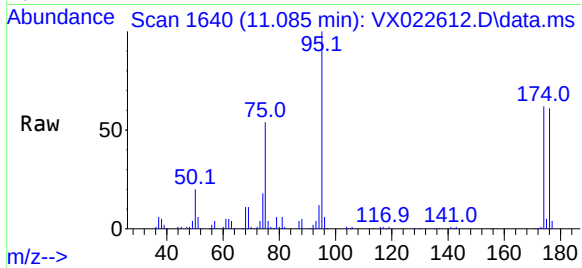




#76
1,2,3-Trichloropropane
Concen: 25.44 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Instrument :
MSVOA_X
ClientSampleId :
TB05-20210608

Tgt Ion: 75 Resp: 25608
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.86 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022612.D
Acq: 09 Jun 2021 14:37

Tgt Ion: 75 Resp: 25608
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

