

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022852.D
 Acq On : 23 Jun 2021 20:05
 Operator : JC/MD
 Sample : M2783-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 24 03:37:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

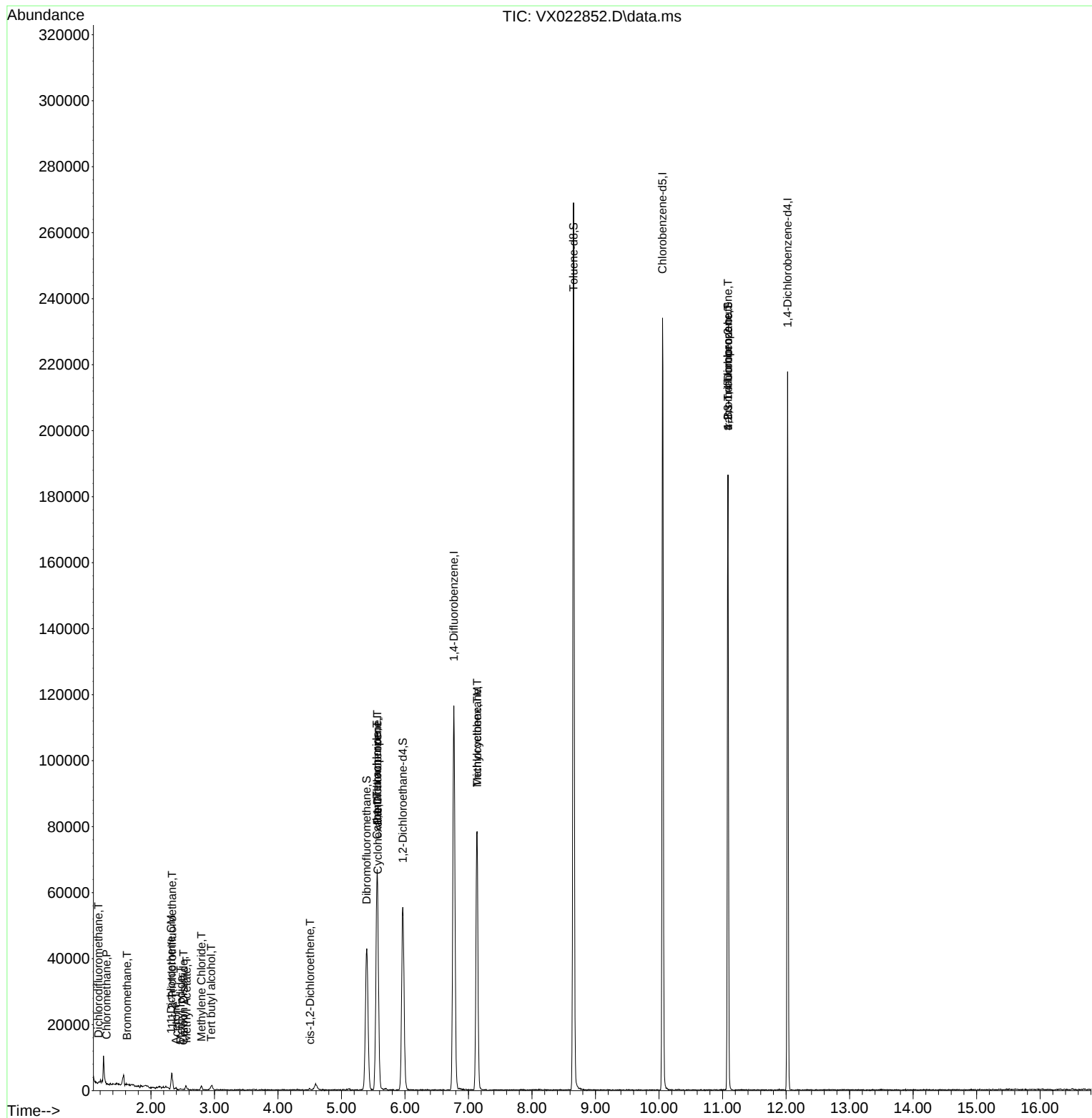
Internal Standards						
1) Pentafluorobenzene	5.562	168	54122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	98484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50741	51.661	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.320%
35) Dibromofluoromethane	5.397	113	37146	52.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.320%
50) Toluene-d8	8.653	98	146450	52.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.960%
62) 4-Bromofluorobenzene	11.085	95	49801	47.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	181	0.237	ug/l	# 42
3) Chloromethane	1.300	50	172	0.205	ug/l	# 42
5) Bromomethane	1.624	94	95	0.223	ug/l	# 62
9) 1,1,2-Trichlorotrifluo...	2.331	101	1361	1.934	ug/l	# 86
10) Methyl Iodide	2.465	142	229	4.129	ug/l	# 42
11) Tert butyl alcohol	2.946	59	999	4.880	ug/l	# 73
12) 1,1-Dichloroethene	2.319	96	620	0.883	ug/l	# 81
16) Acetone	2.392	43	545	1.252	ug/l	# 69
17) Carbon Disulfide	2.514	76	223	3.624	ug/l	# 75
18) Methyl Acetate	2.562	43	354	0.330	ug/l	# 47
20) Methylene Chloride	2.794	84	495	0.941	ug/l	# 94
27) cis-1,2-Dichloroethene	4.507	96	265	0.307	ug/l	79
31) Cyclohexane	5.574	56	1630	1.175	ug/l	# 39
36) 1,1-Dichloropropene	5.562	75	5645	4.739	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	6359	6.365	ug/l	# 16
39) Methylcyclohexane	7.135	83	337	0.243	ug/l	# 1
44) Trichloroethene	7.135	130	27914	34.272	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	26619	27.334	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26619	70.728	ug/l	# 12

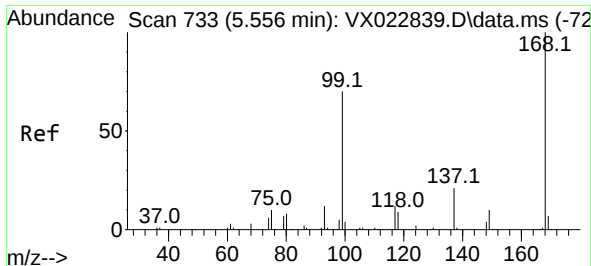
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

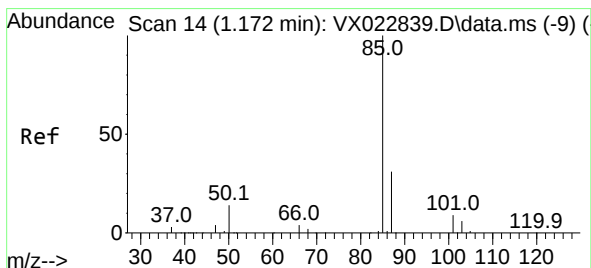
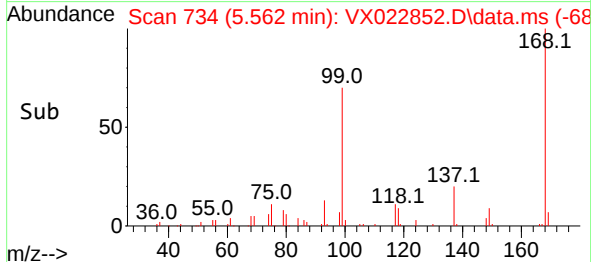
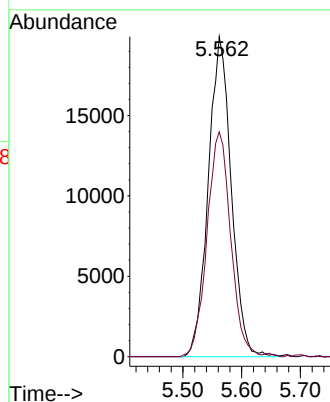
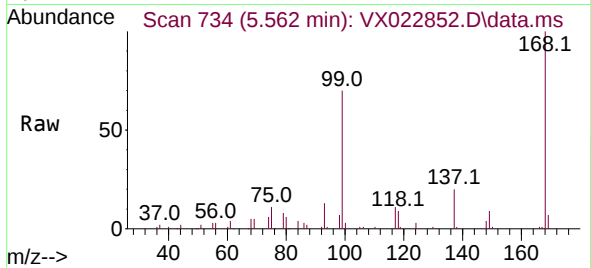




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

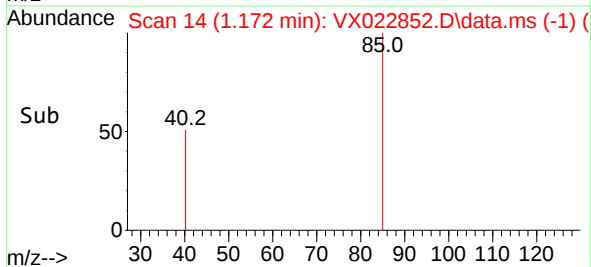
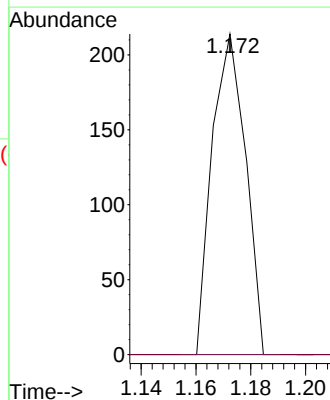
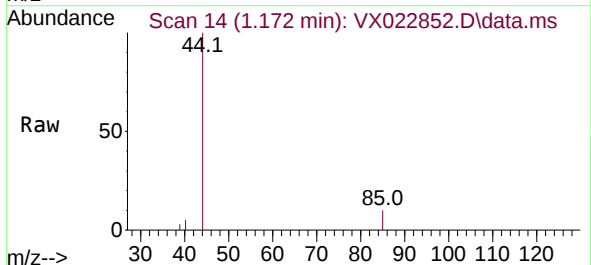
Instrument :
MSVOA_X
ClientSampleId :

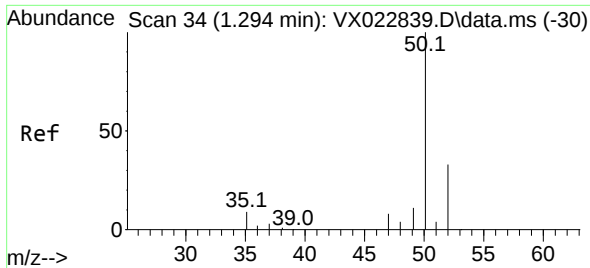
Tgt Ion:168 Resp: 54122
Ion Ratio Lower Upper
168 100
99 70.3 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.237 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion: 85 Resp: 181
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

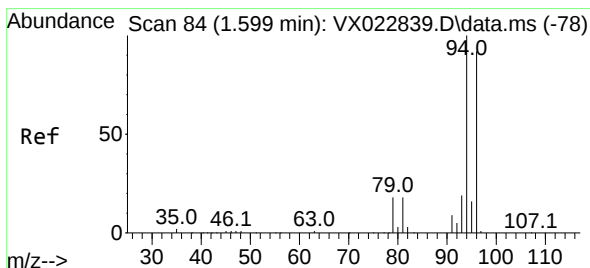
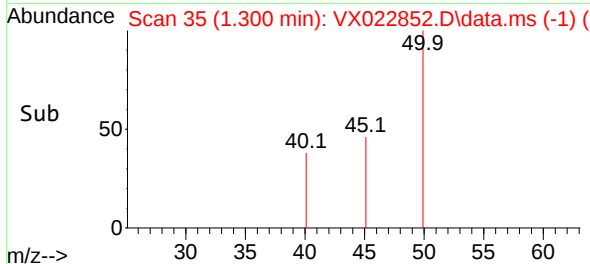
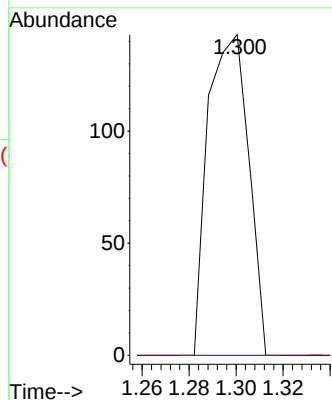
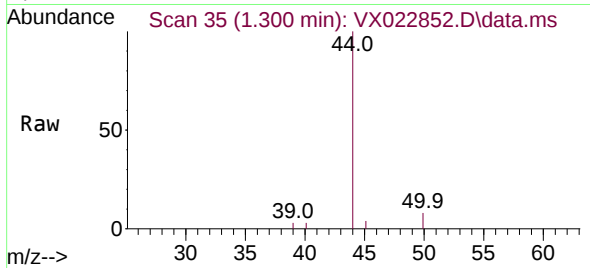




#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

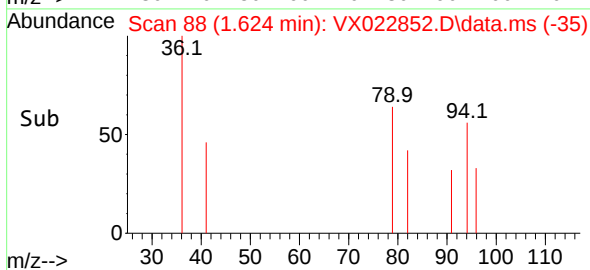
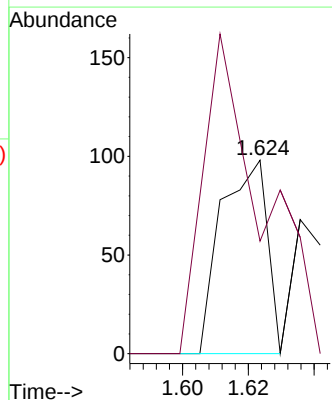
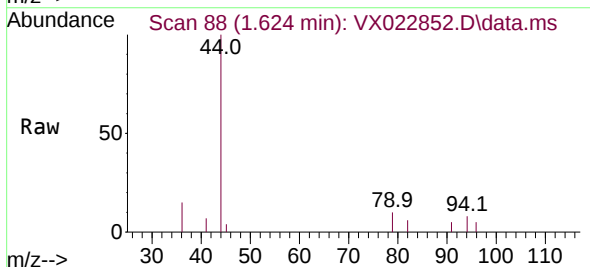
Instrument :
MSVOA_X
ClientSampled :

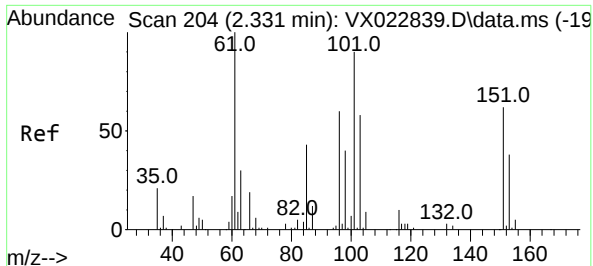
Tgt Ion: 50 Resp: 172
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 58.2 76.4 114.6#

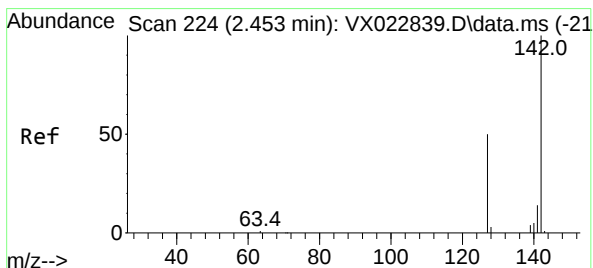
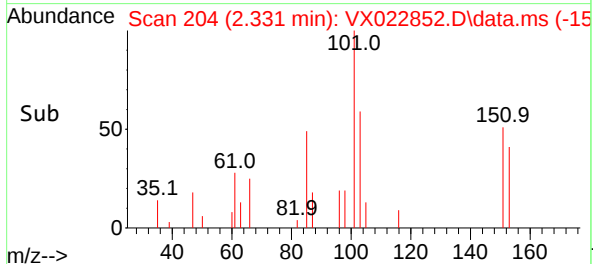
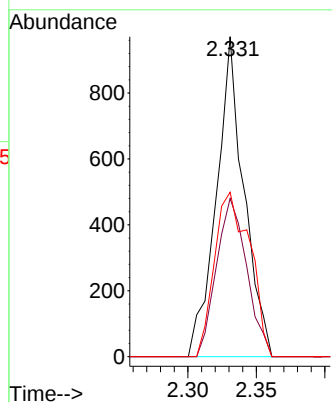
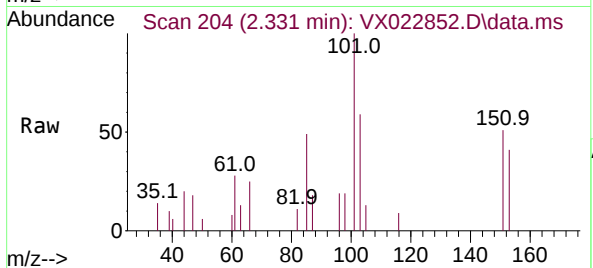




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.934 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

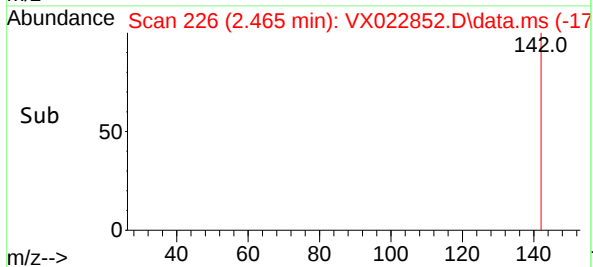
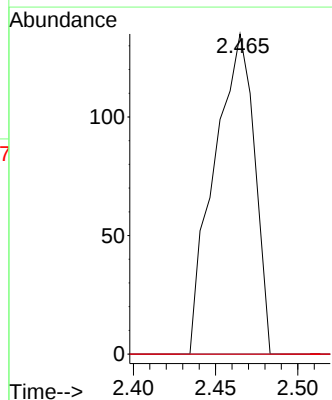
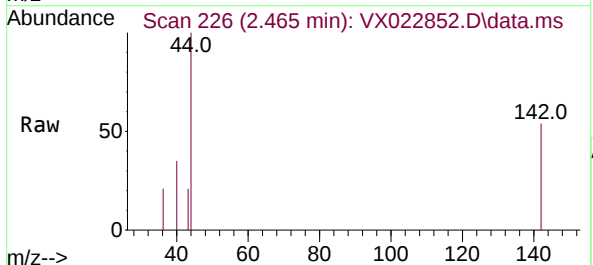
Instrument :
MSVOA_X
ClientSampleId :

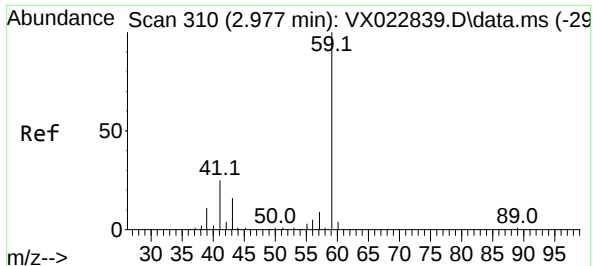
Tgt Ion:101 Resp: 1361
Ion Ratio Lower Upper
101 100
85 54.2 34.9 52.3#
151 65.8 61.4 92.2



#10
Methyl Iodide
Concen: 4.129 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



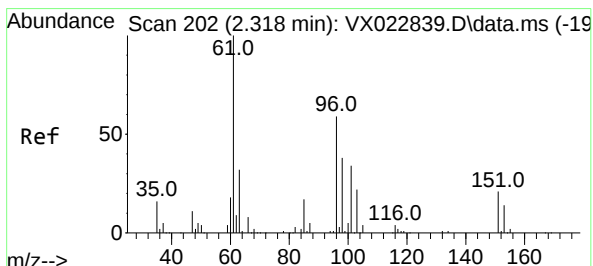
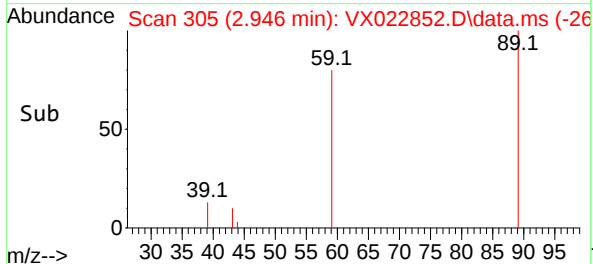
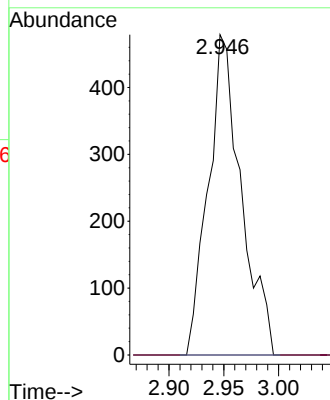
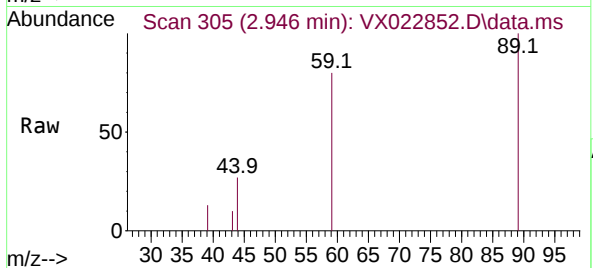


#11

Tert butyl alcohol
Concen: 4.880 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Instrument :
MSVOA_X
ClientSampled :

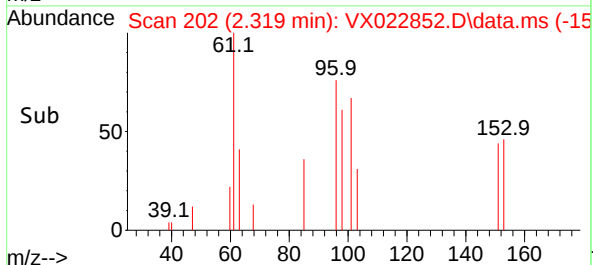
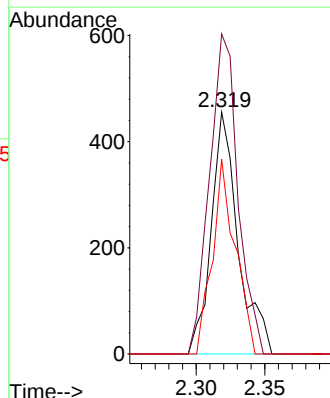
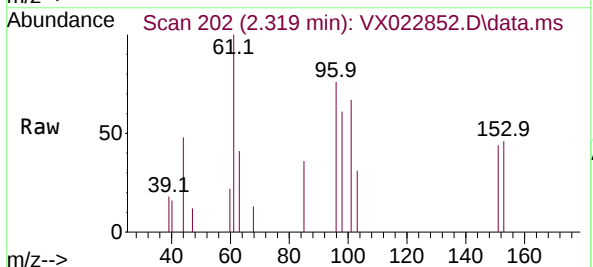
Tgt Ion: 59 Resp: 999
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

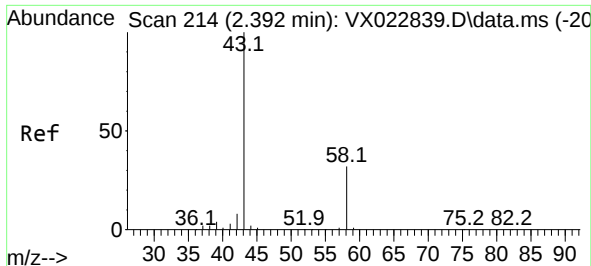


#12

1,1-Dichloroethene
Concen: 0.883 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion: 96 Resp: 620
Ion Ratio Lower Upper
96 100
61 132.2 124.6 187.0
98 80.5 50.6 76.0#

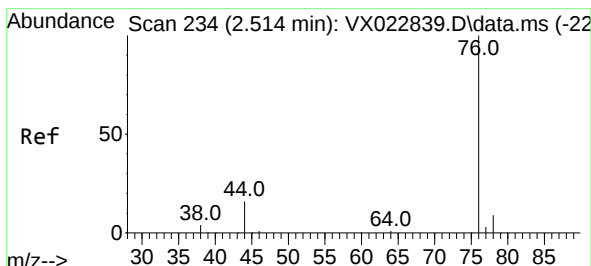
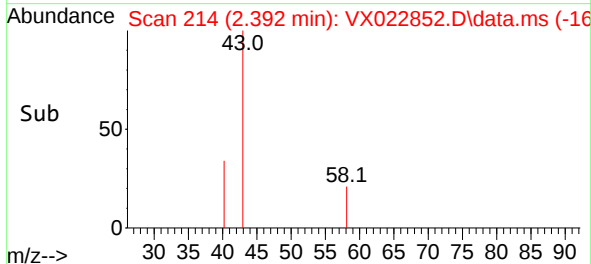
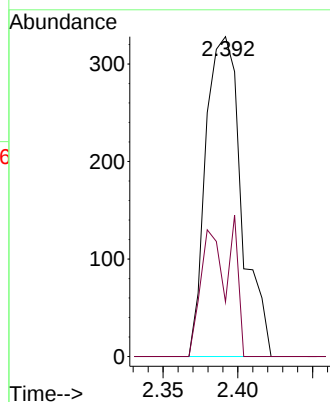
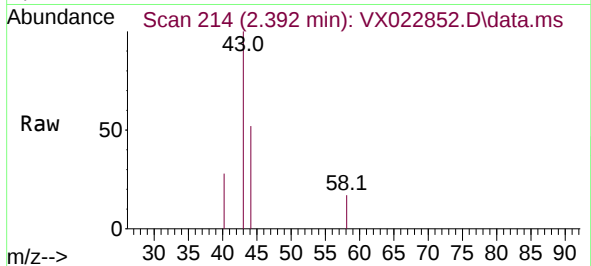




#16
Acetone
Concen: 1.252 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

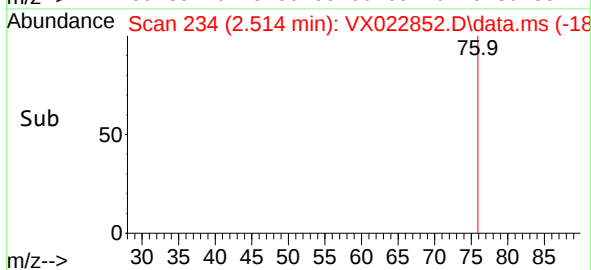
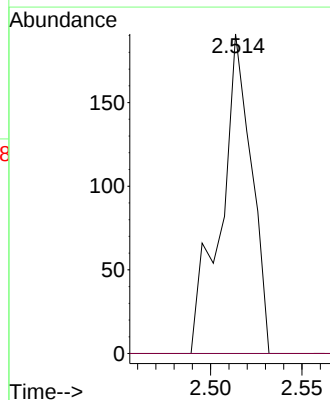
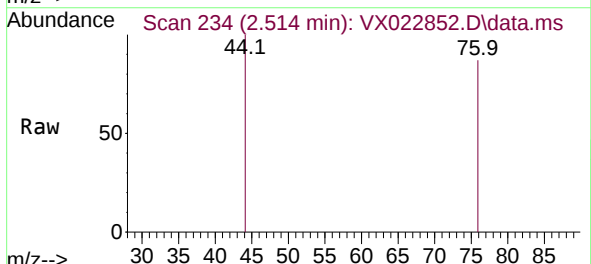
Instrument :
MSVOA_X
ClientSampleId :

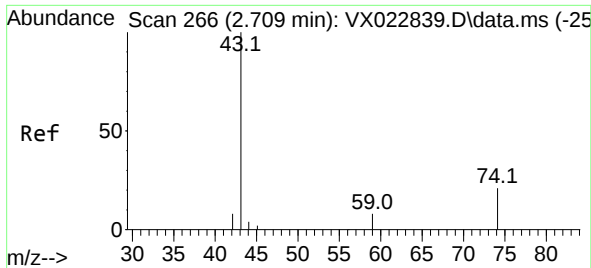
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 17.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.624 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion: 76 Resp: 223
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.330 ug/l

RT: 2.562 min Scan# 242

Delta R.T. -0.147 min

Lab File: VX022852.D

Acq: 23 Jun 2021 20:05

Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

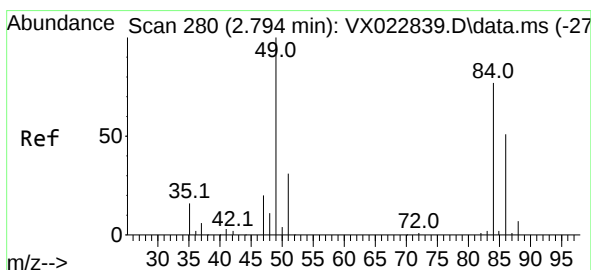
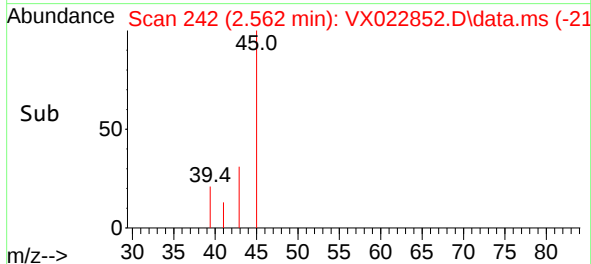
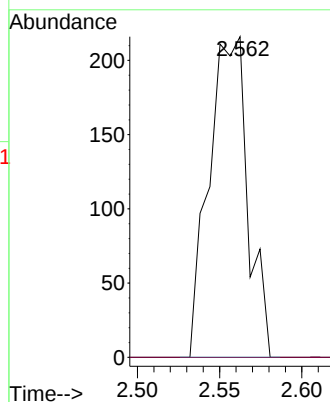
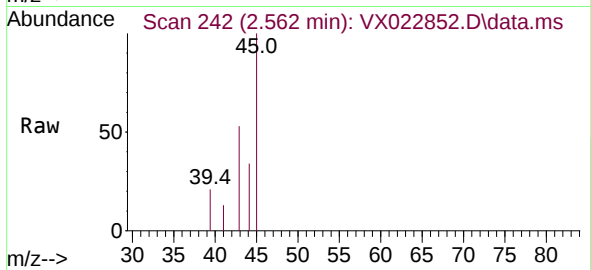
43 100

74 0.0 21.9 32.9#

Instrument :

MSVOA_X

ClientSampled :



#20

Methylene Chloride

Concen: 0.941 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022852.D

Acq: 23 Jun 2021 20:05

Tgt Ion: 84 Resp: 495

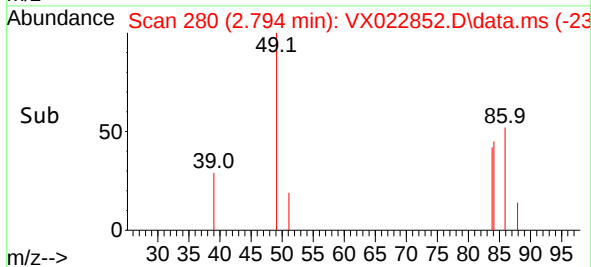
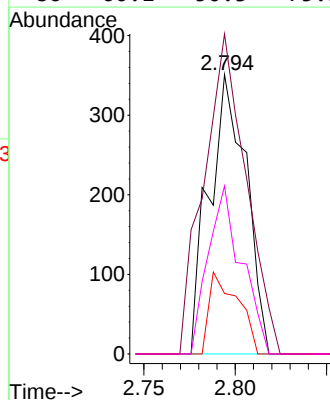
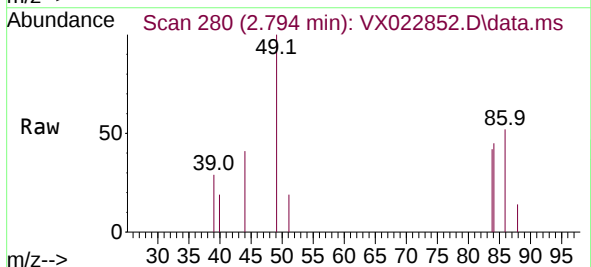
Ion Ratio Lower Upper

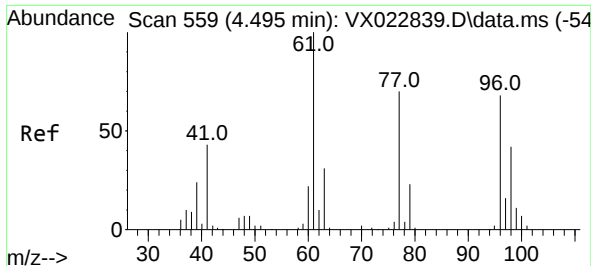
84 100

49 114.5 88.6 132.8

51 21.7 27.0 40.6#

86 60.1 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 0.307 ug/l

RT: 4.507 min Scan# 561

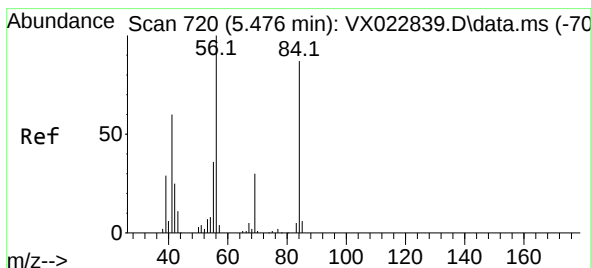
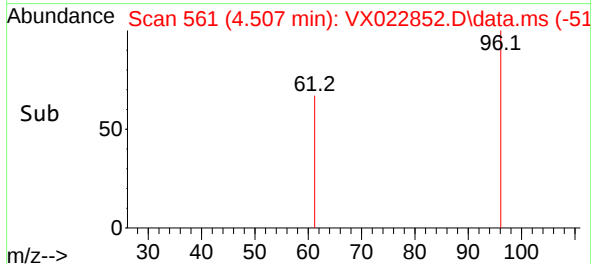
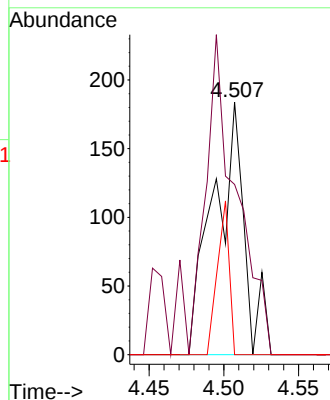
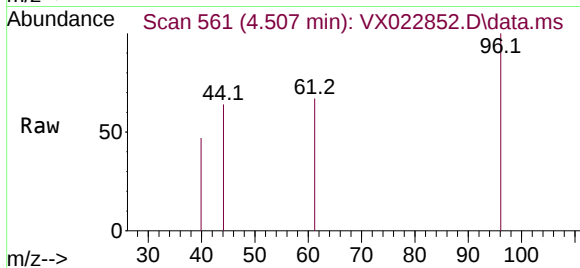
Delta R.T. 0.012 min

Lab File: VX022852.D

Acq: 23 Jun 2021 20:05

Tgt Ion: 96 Resp: 265

Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	285.6
98	23.4	0.0	129.6



#31

Cyclohexane

Concen: 1.175 ug/l

RT: 5.574 min Scan# 736

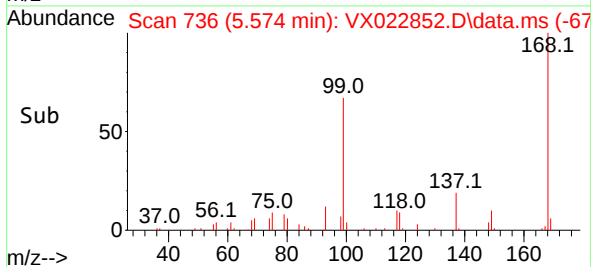
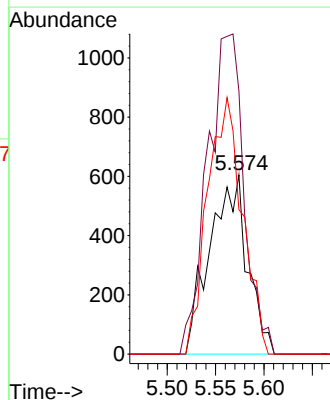
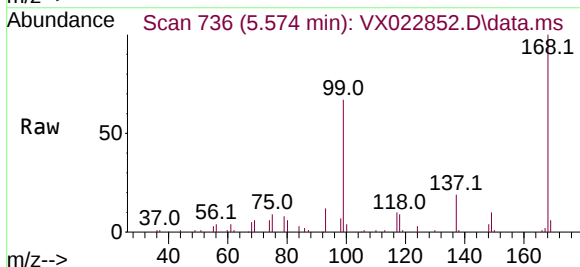
Delta R.T. 0.098 min

Lab File: VX022852.D

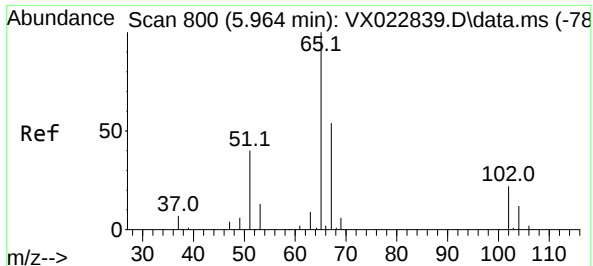
Acq: 23 Jun 2021 20:05

Tgt Ion: 56 Resp: 1630

Ion	Ratio	Lower	Upper
56	100		
69	146.8	25.3	37.9#
84	80.7	71.4	107.0



Instrument :
MSVOA_X
ClientSampled :

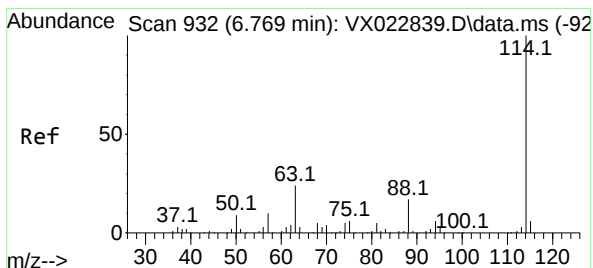
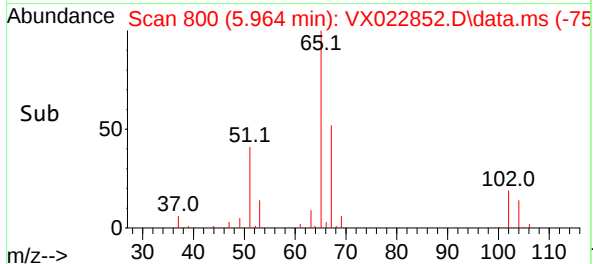
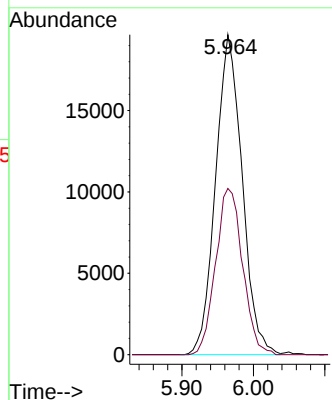
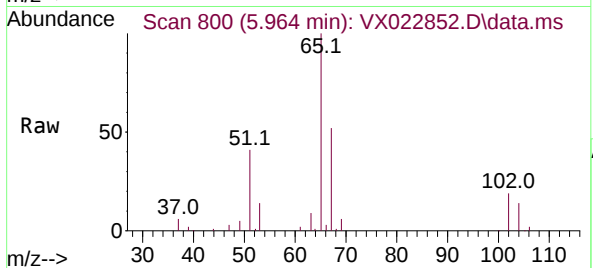


#33

1,2-Dichloroethane-d4
Concen: 51.661 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Instrument :
MSVOA_X
ClientSampled :

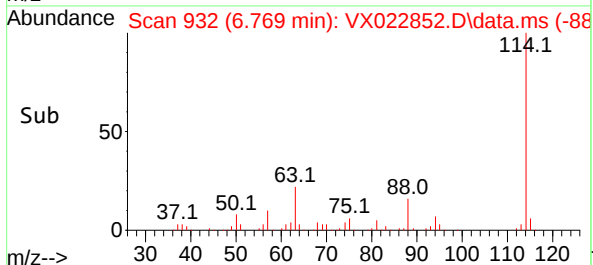
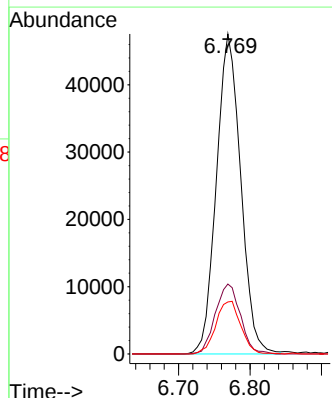
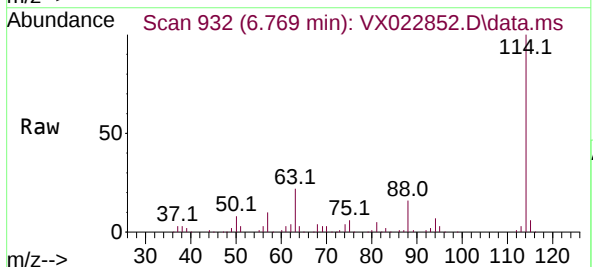
Tgt Ion: 65 Resp: 50741
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

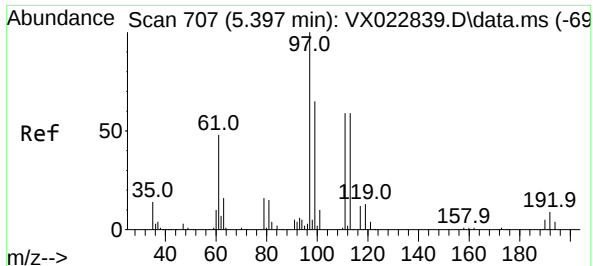


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion: 114 Resp: 112136
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.165 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022852.D

Acq: 23 Jun 2021 20:05

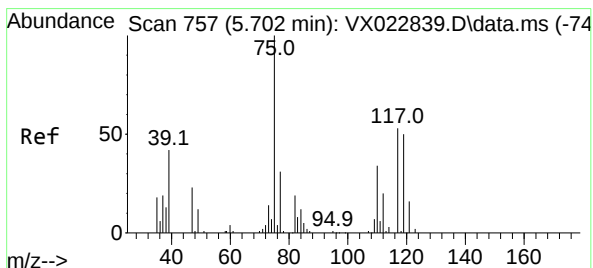
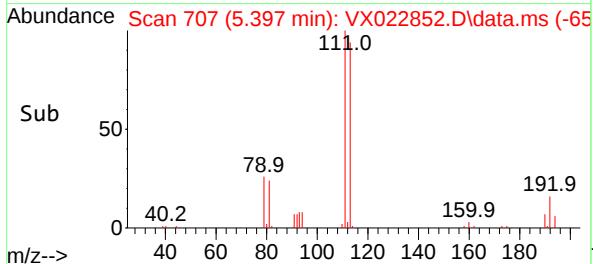
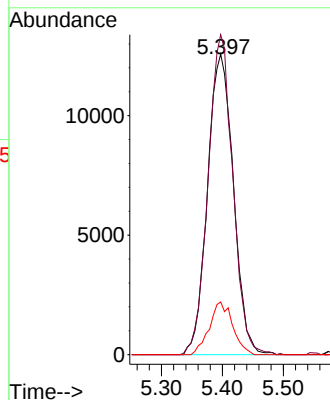
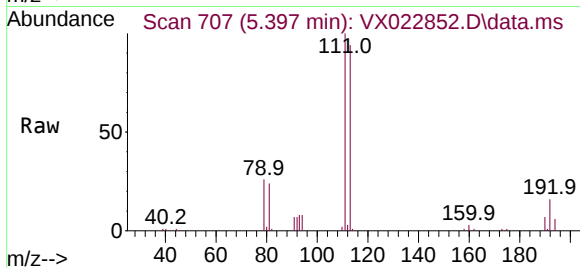
Tgt Ion:113 Resp: 37146

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.739 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022852.D

Acq: 23 Jun 2021 20:05

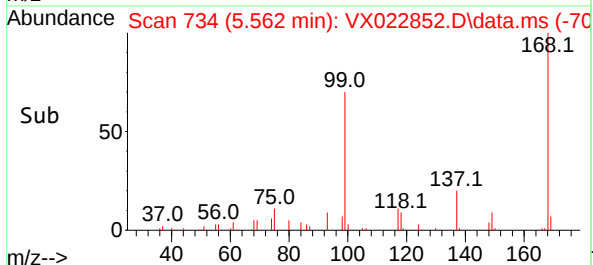
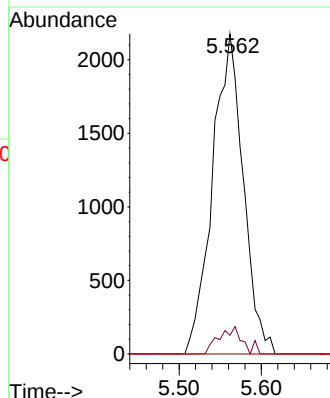
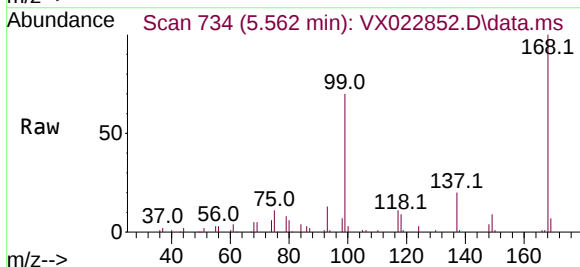
Tgt Ion: 75 Resp: 5645

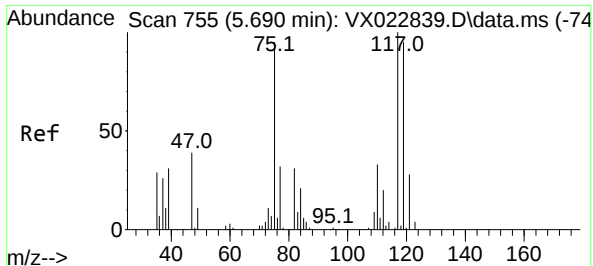
Ion Ratio Lower Upper

75 100

110 6.6 18.1 54.4#

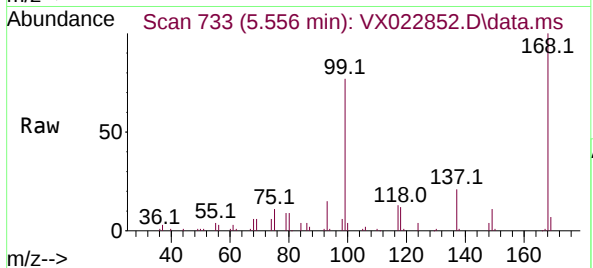
77 0.0 25.3 37.9#



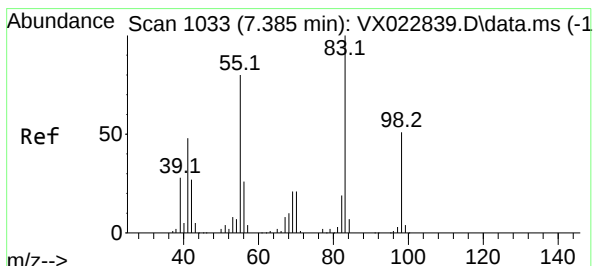
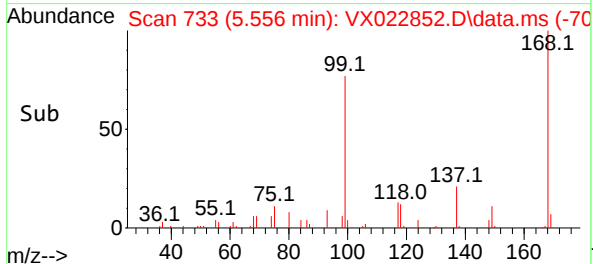
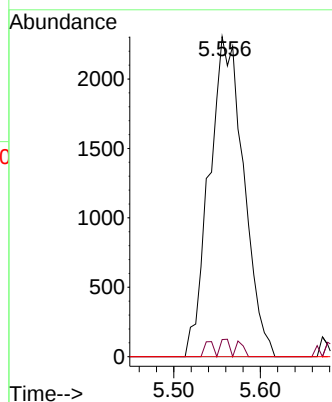


#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Instrument :
MSVOA_X
ClientSampleId :

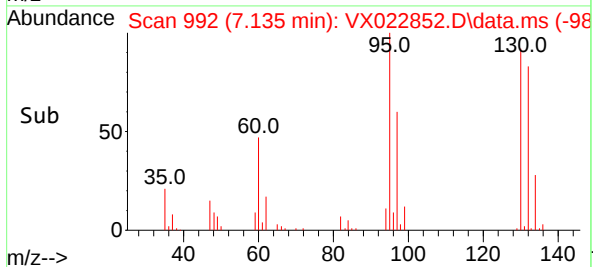
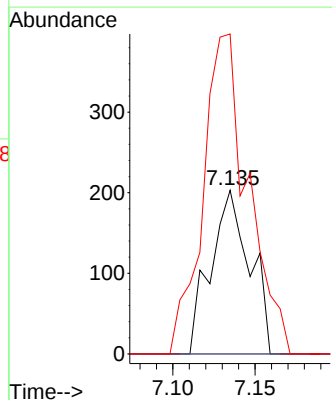
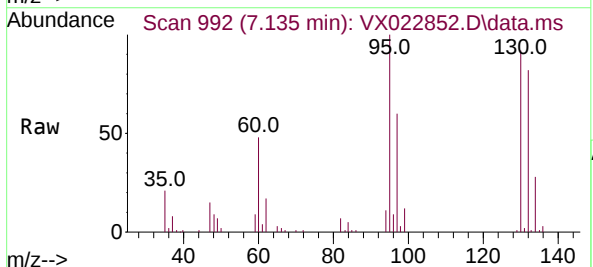


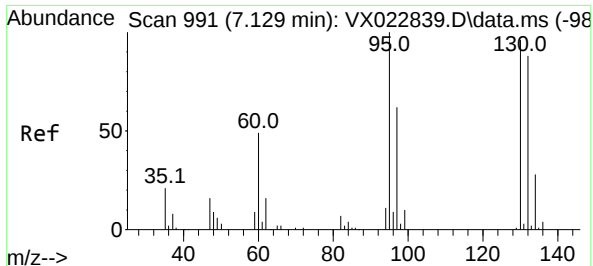
Tgt Ion:117 Resp: 6359
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.243 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion: 83 Resp: 337
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 168.0 38.1 57.1#





#44

Trichloroethene

Concen: 34.272 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

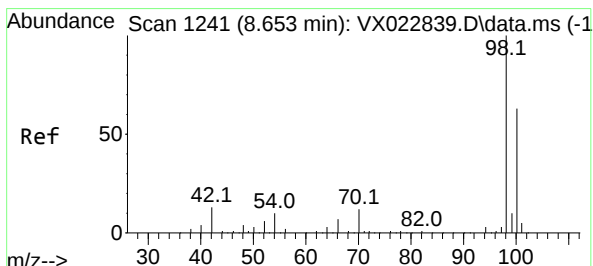
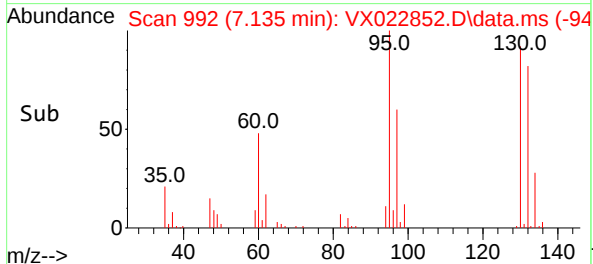
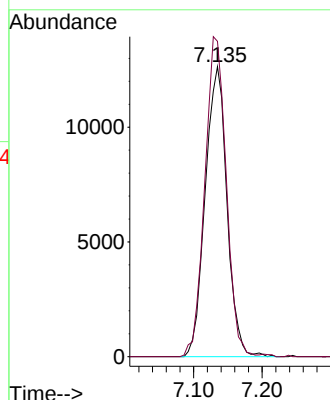
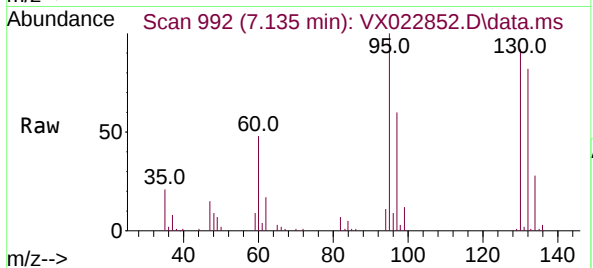
Lab File: VX022852.D

Acq: 23 Jun 2021 20:05

Tgt Ion:130 Resp: 27914

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	108.7	0.0	198.0



#50

Toluene-d8

Concen: 52.476 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

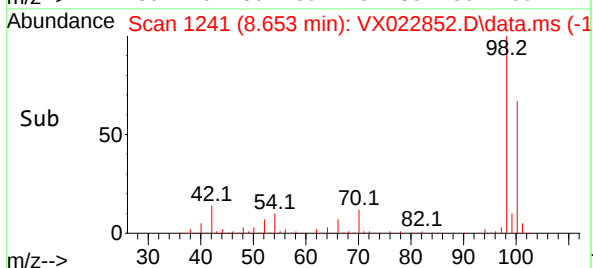
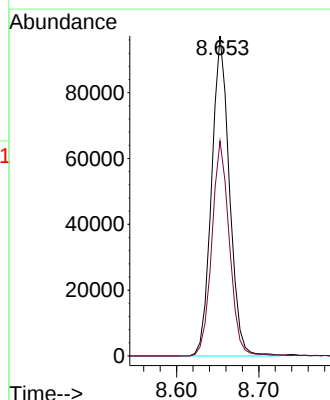
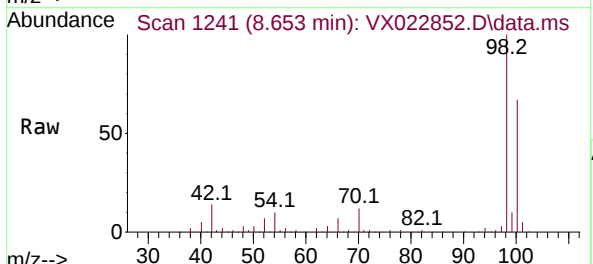
Lab File: VX022852.D

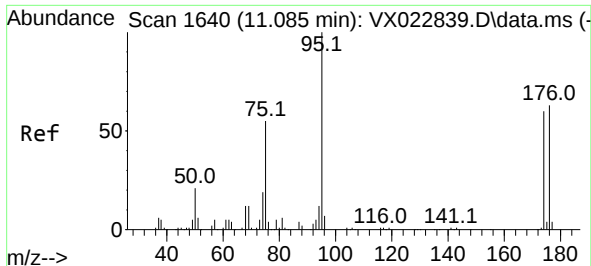
Acq: 23 Jun 2021 20:05

Tgt Ion: 98 Resp: 146450

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.9	77.9

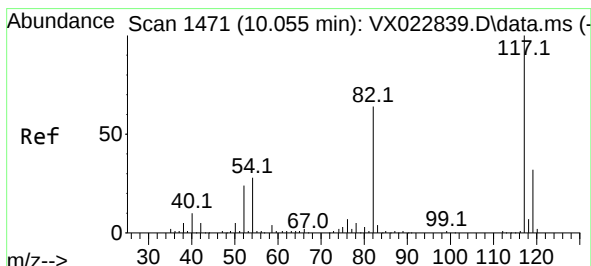
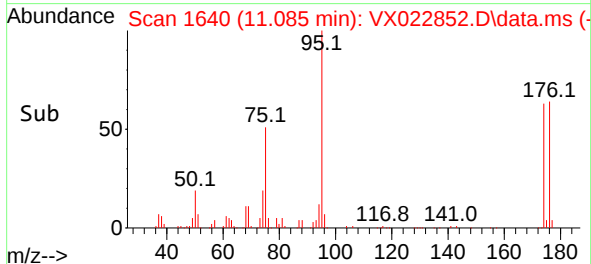
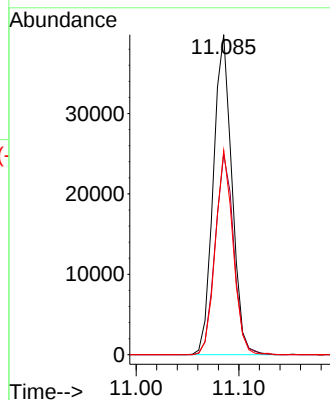
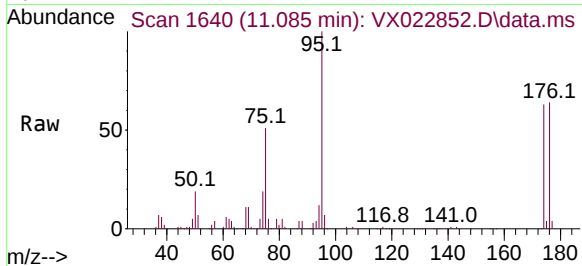




#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

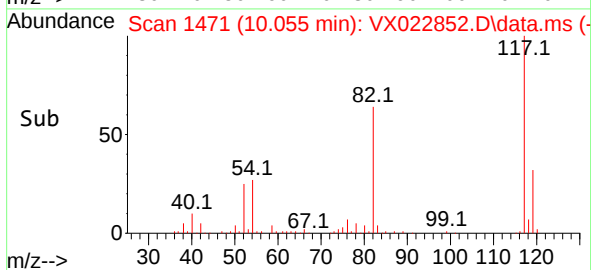
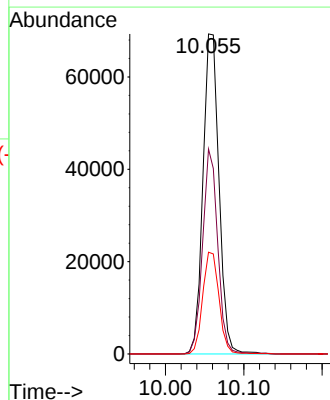
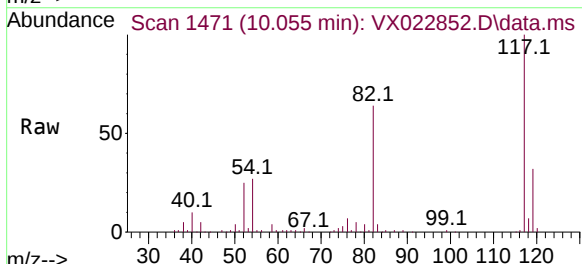
Instrument :
MSVOA_X
ClientSampleId :

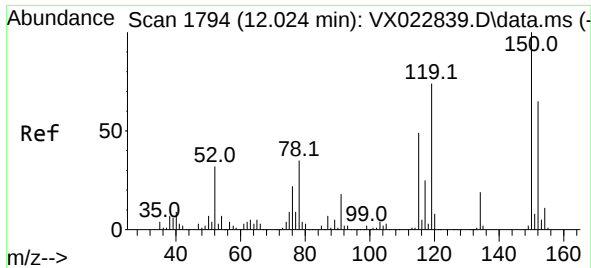
Tgt Ion: 95 Resp: 49801
Ion Ratio Lower Upper
95 100
174 62.6 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022852.D
Acq: 23 Jun 2021 20:05

Tgt Ion: 117 Resp: 98484
Ion Ratio Lower Upper
117 100
82 64.1 47.4 71.2
119 31.8 26.6 39.8

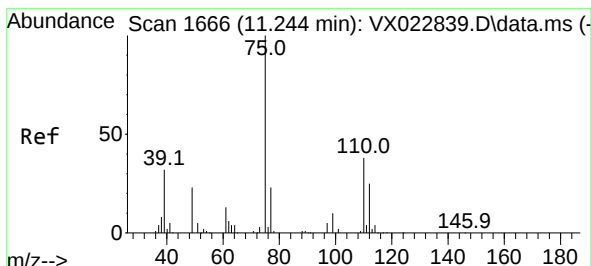
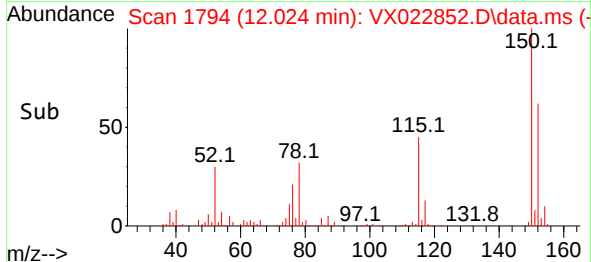
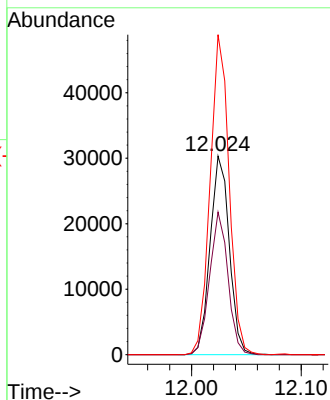
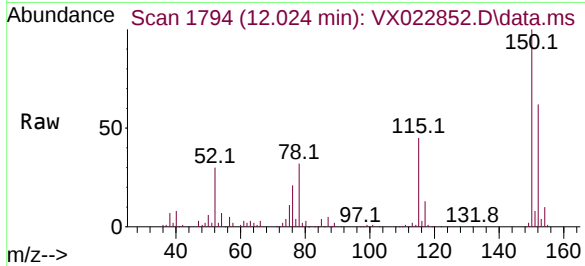




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022852.D
 Acq: 23 Jun 2021 20:05

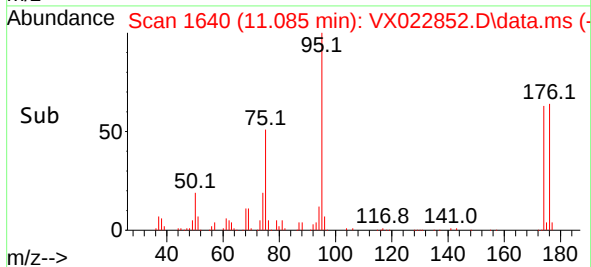
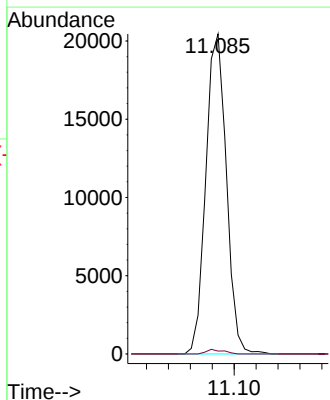
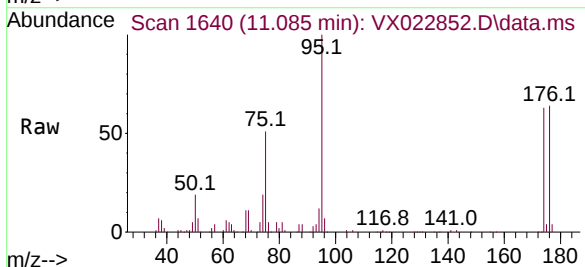
Instrument :
 MSVOA_X
 ClientSampled :

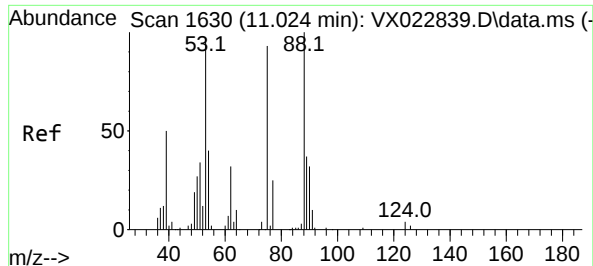
Tgt Ion:152 Resp: 36868
 Ion Ratio Lower Upper
 152 100
 115 68.6 41.1 123.3
 150 159.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.334 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022852.D
 Acq: 23 Jun 2021 20:05

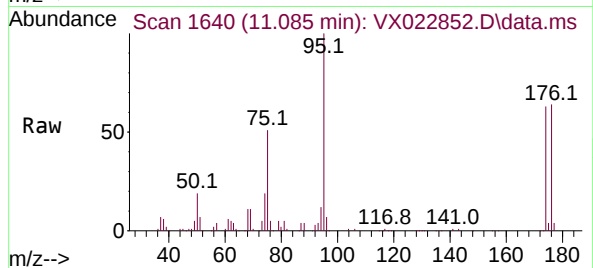
Tgt Ion: 75 Resp: 26619
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.728 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022852.D
 Acq: 23 Jun 2021 20:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 26619
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

