

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022806.D
 Acq On : 21 Jun 2021 19:44
 Operator : JC/MD
 Sample : M2783-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20210617

Quant Time: Jun 22 01:16:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

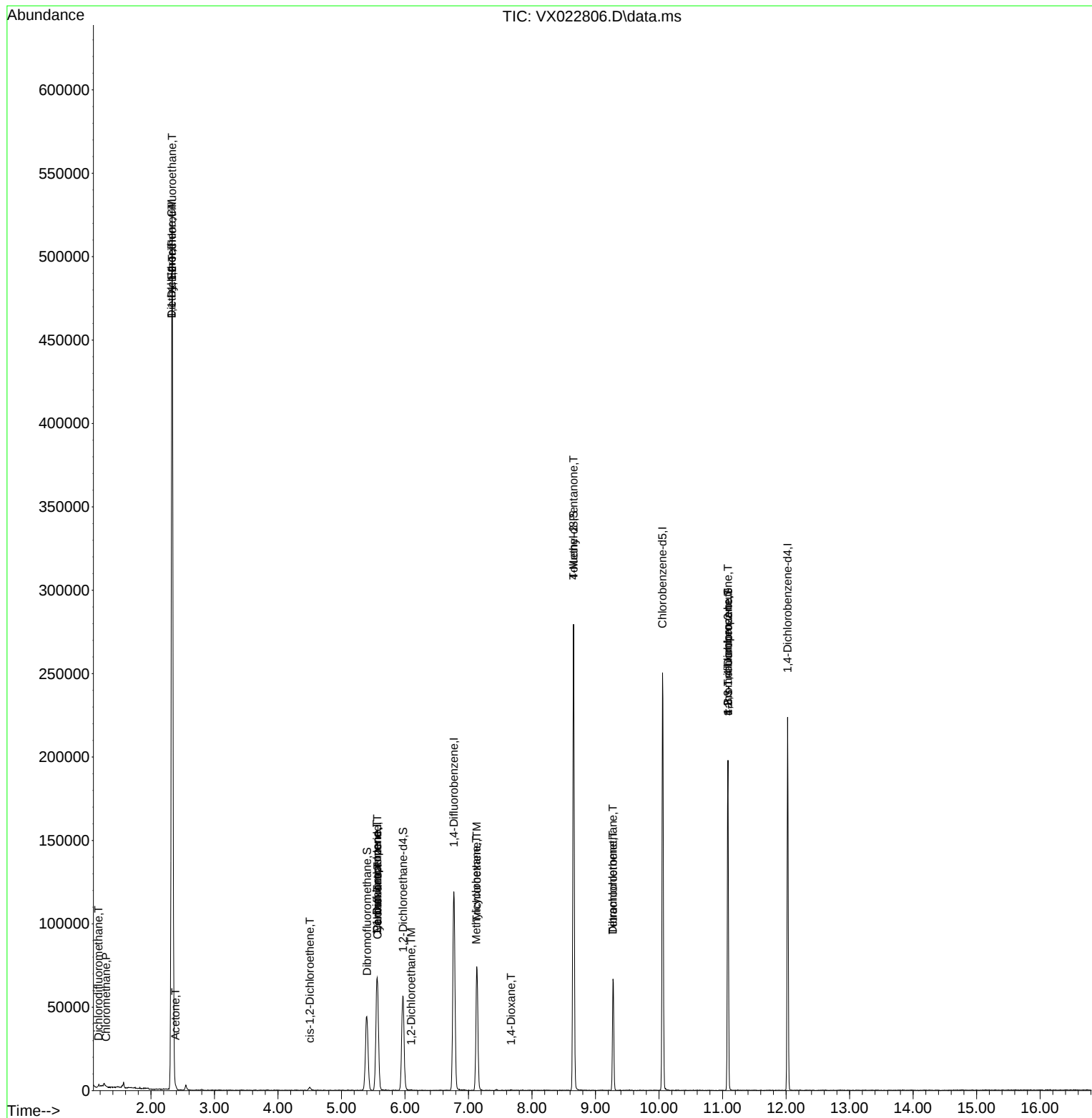
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	57264	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117109	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	54796	53.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.420%	
35) Dibromofluoromethane	5.403	113	38747	51.857	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.720%	
50) Toluene-d8	8.653	98	152137	51.652	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	11.085	95	52264	46.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.840%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	206	0.307	ug/l	# 42
3) Chloromethane	1.294	50	175	0.216	ug/l	94
8) Diethyl Ether	2.325	74	193	0.416	ug/l	# 5
9) 1,1,2-Trichlorotrifluo...	2.331	101	205271	292.849	ug/l	90
12) 1,1-Dichloroethene	2.325	96	1500	2.158	ug/l	90
16) Acetone	2.386	43	1250	2.711	ug/l	# 84
27) cis-1,2-Dichloroethene	4.501	96	1158	1.234	ug/l	86
31) Cyclohexane	5.568	56	1726	1.389	ug/l	# 14
36) 1,1-Dichloropropene	5.556	75	6264	5.368	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	6891	6.904	ug/l	# 16
39) Methylcyclohexane	7.123	83	432	0.355	ug/l	# 18
42) 1,2-Dichloroethane	6.098	62	335	0.262	ug/l	# 73
44) Trichloroethene	7.129	130	26754	32.830	ug/l	96
49) 1,4-Dioxane	7.671	88	149	6.963	ug/l	# 59
51) 4-Methyl-2-Pentanone	8.653	43	826	0.556	ug/l	# 1
60) Dibromochloromethane	9.275	129	11266	15.321	ug/l	# 11
64) Tetrachloroethene	9.275	164	10741	16.206	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	28920	28.066	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28920	69.931	ug/l	# 12

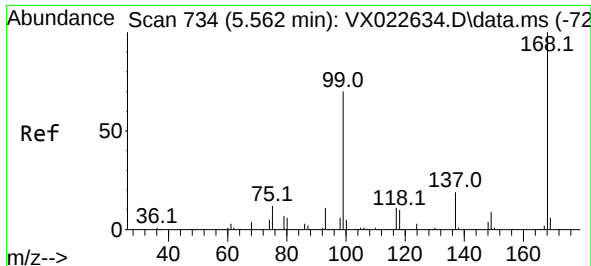
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
Data File : VX022806.D
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Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

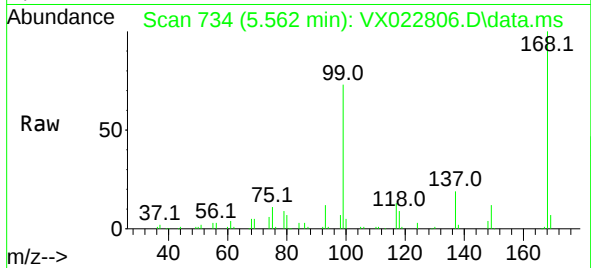
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



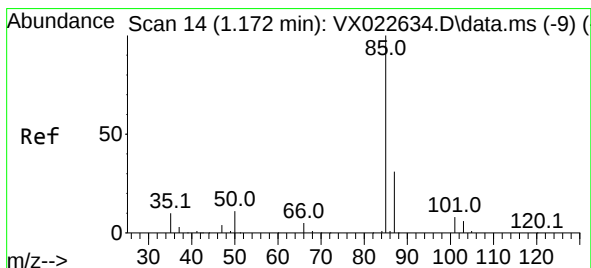
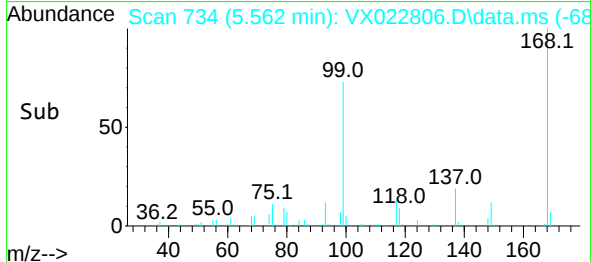
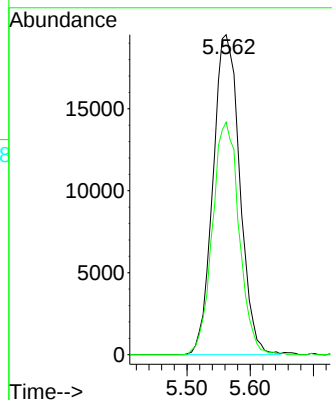


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

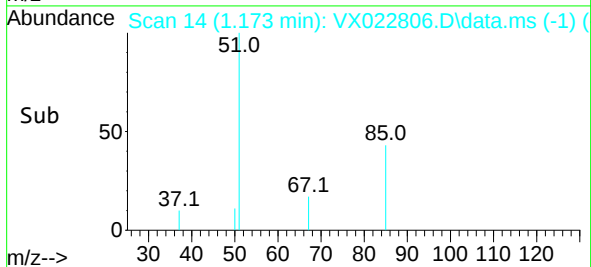
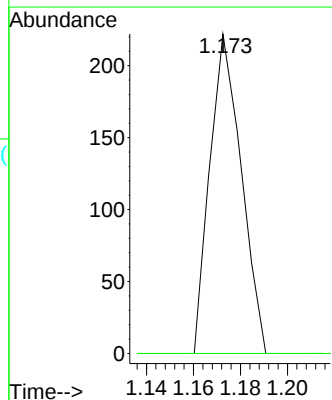
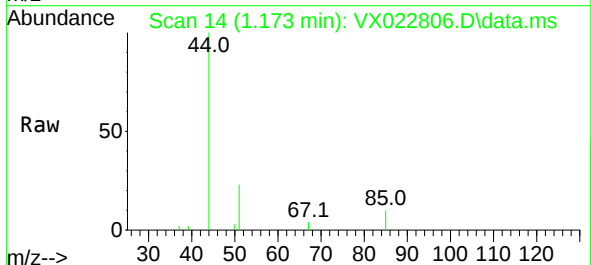


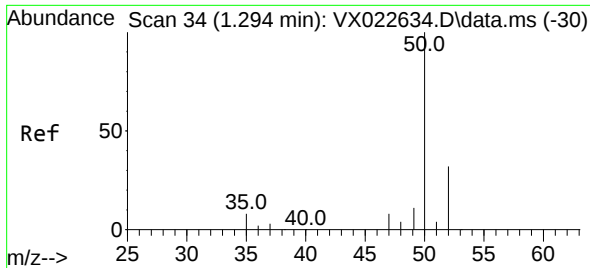
Tgt Ion:168 Resp: 57264
Ion Ratio Lower Upper
168 100
99 72.7 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.307 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 85 Resp: 206
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

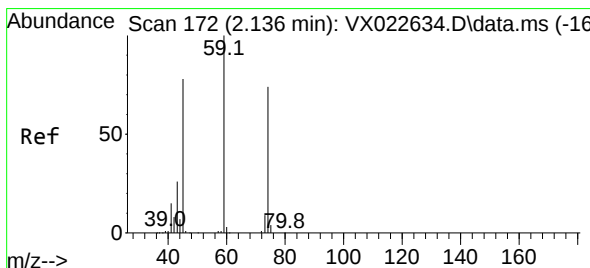
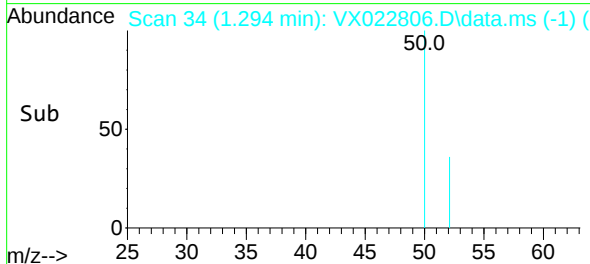
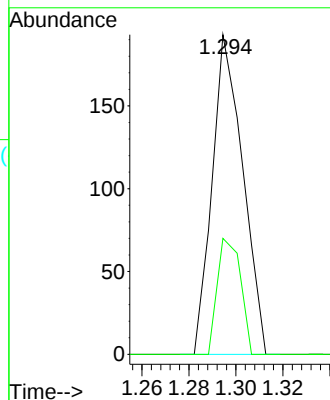
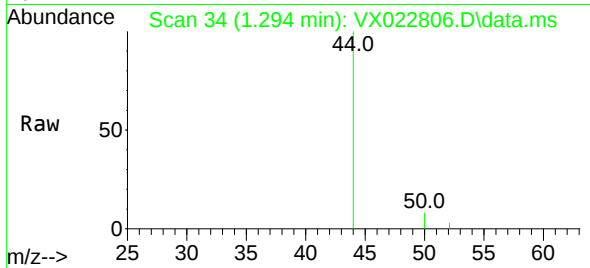




#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

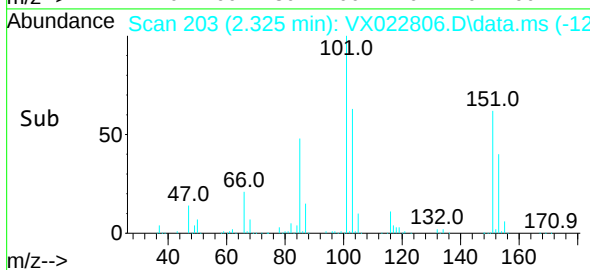
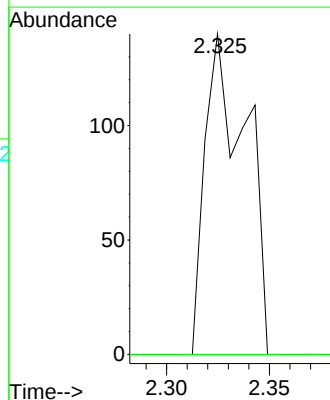
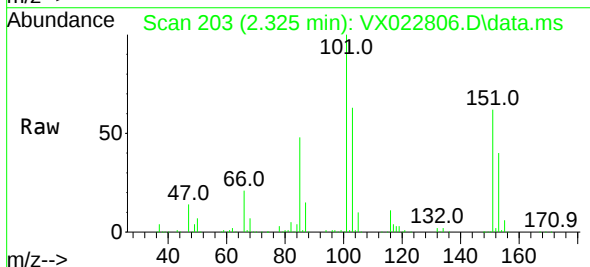
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

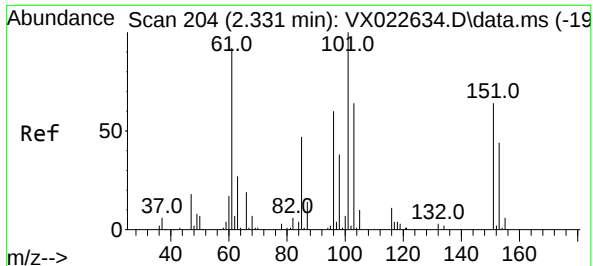
Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 36.3 26.4 39.6



#8
Diethyl Ether
Concen: 0.416 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.183 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 74 Resp: 193
Ion Ratio Lower Upper
74 100
45 0.0 44.5 133.5#

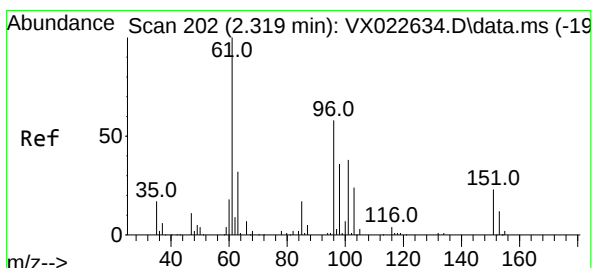
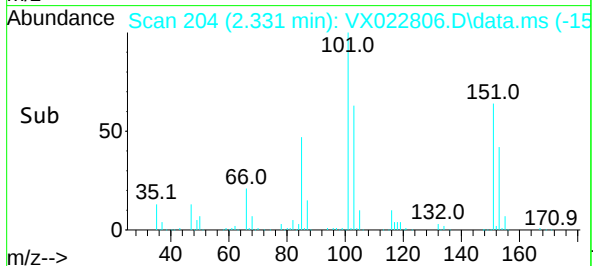
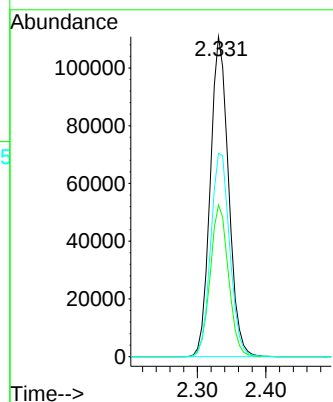
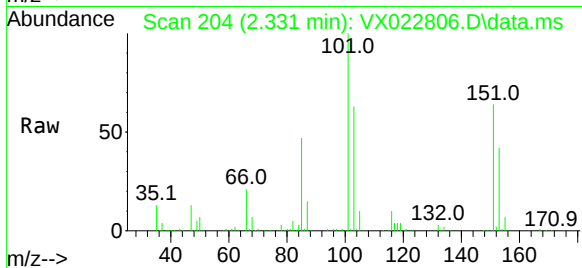




#9
1,1,2-Trichlorotrifluoroethane
Concen: 292.849 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

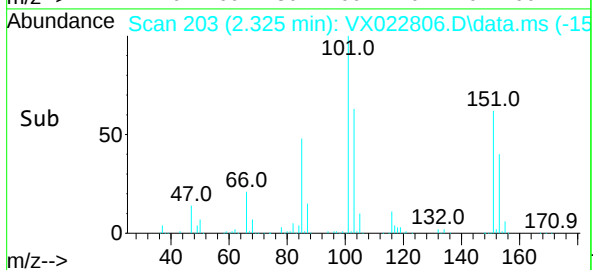
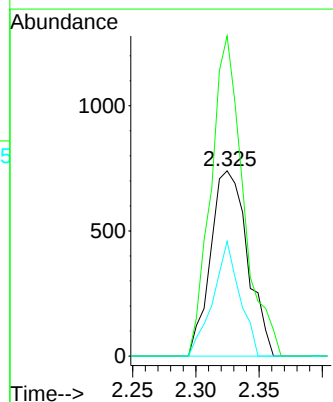
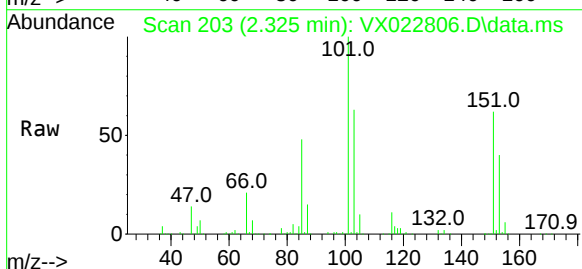
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

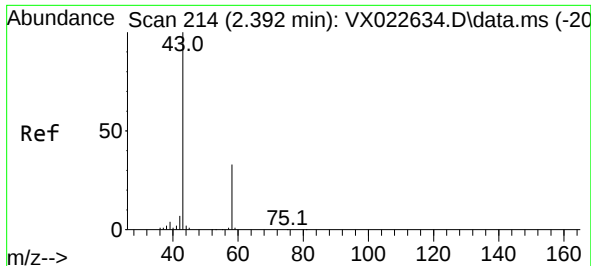
Tgt Ion:101 Resp: 205271
Ion Ratio Lower Upper
101 100
85 47.5 34.9 52.3
151 66.3 61.4 92.2



#12
1,1-Dichloroethene
Concen: 2.158 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 96 Resp: 1500
Ion Ratio Lower Upper
96 100
61 172.8 124.6 187.0
98 61.9 50.6 76.0

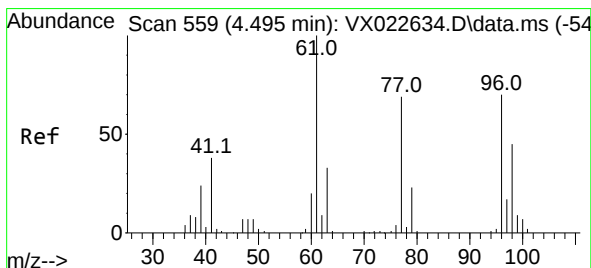
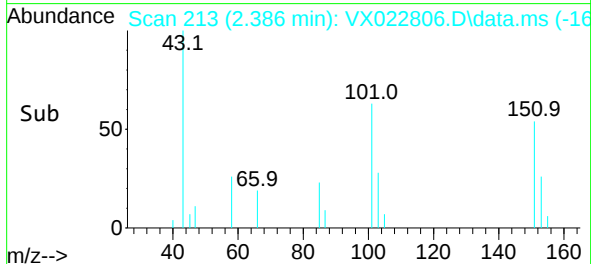
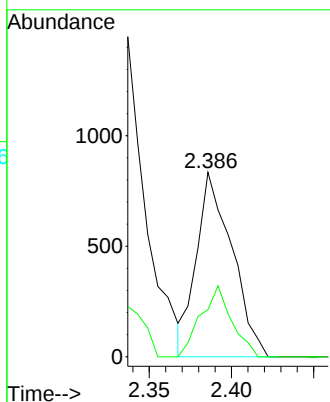
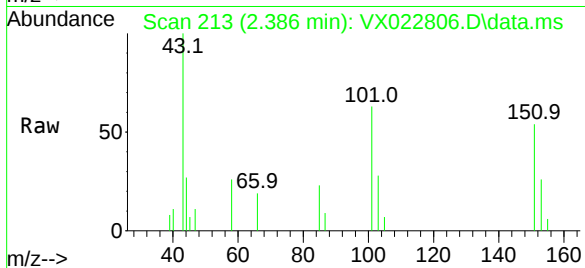




#16
Acetone
Concen: 2.711 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

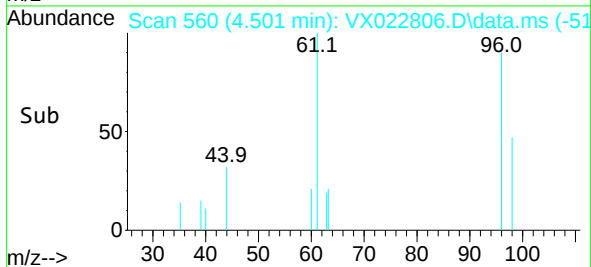
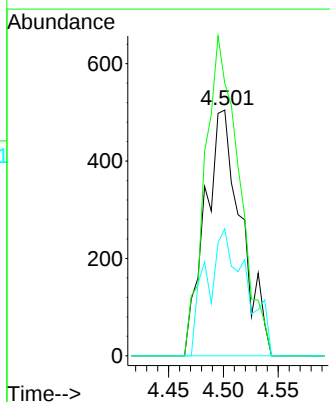
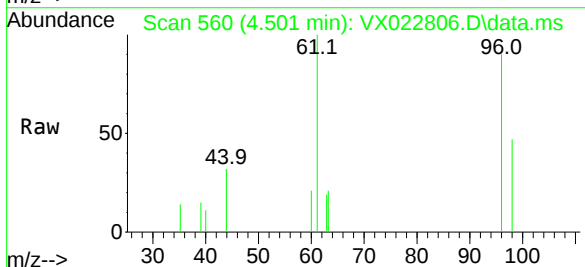
Instrument :
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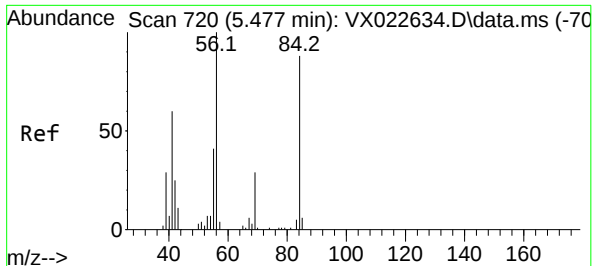
Tgt Ion: 43 Resp: 1250
Ion Ratio Lower Upper
43 100
58 25.5 27.8 41.8#



#27
cis-1,2-Dichloroethene
Concen: 1.234 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

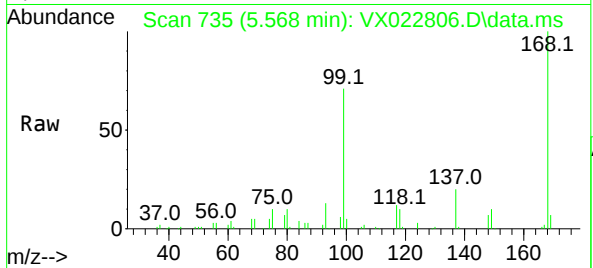
Tgt Ion: 96 Resp: 1158
Ion Ratio Lower Upper
96 100
61 122.9 0.0 285.6
98 56.6 0.0 129.6



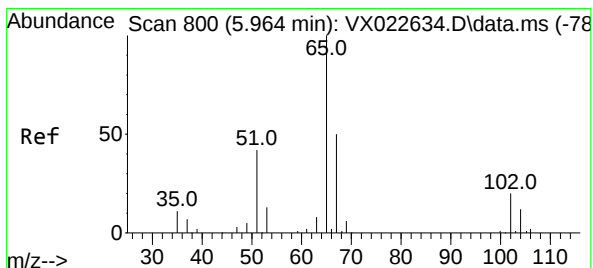
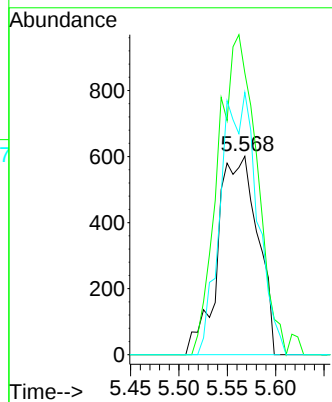
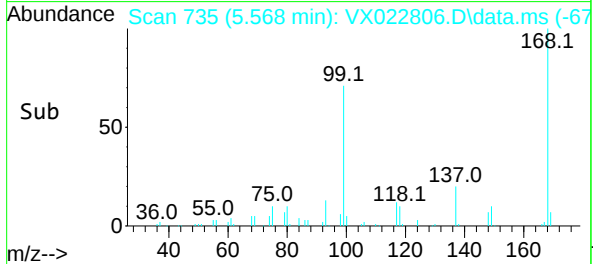


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

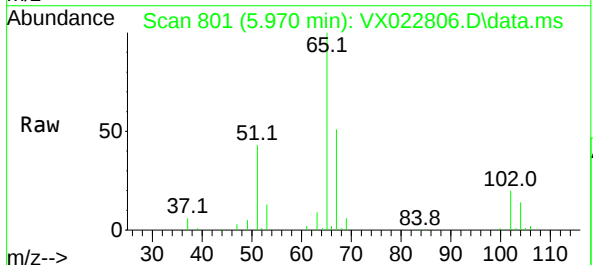
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MSVOA_X
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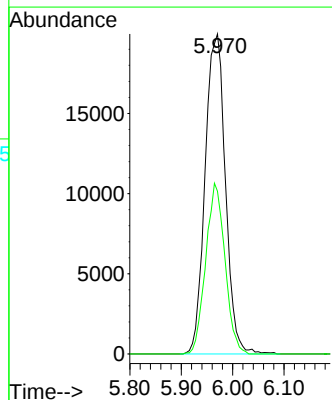
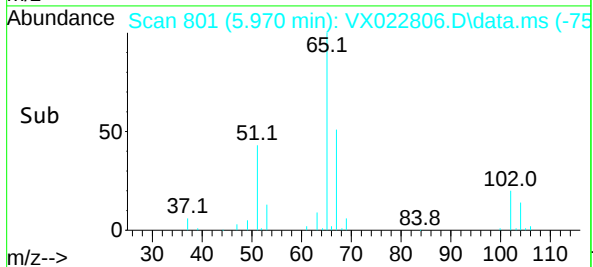
Tgt Ion: 56 Resp: 1726
Ion Ratio Lower Upper
56 100
69 141.9 25.3 37.9#
84 132.1 71.4 107.0#

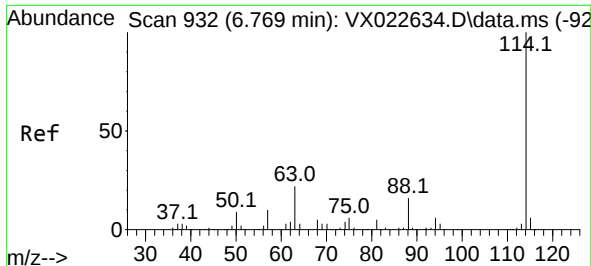


#33
1,2-Dichloroethane-d4
Concen: 53.206 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44



Tgt Ion: 65 Resp: 54796
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

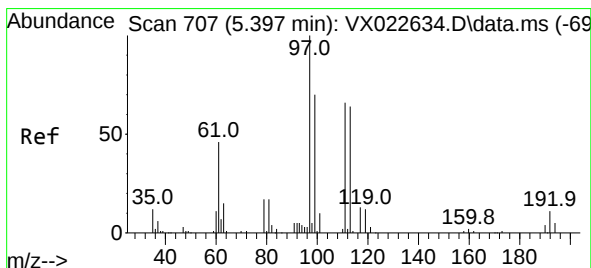
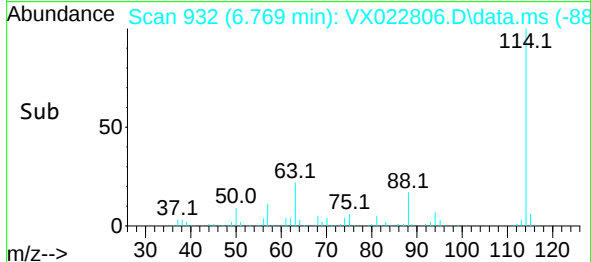
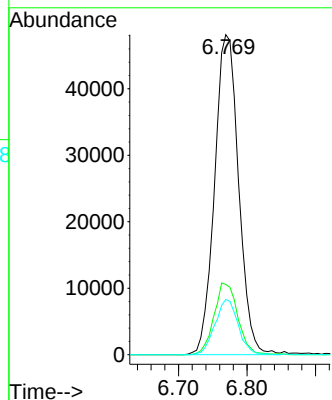
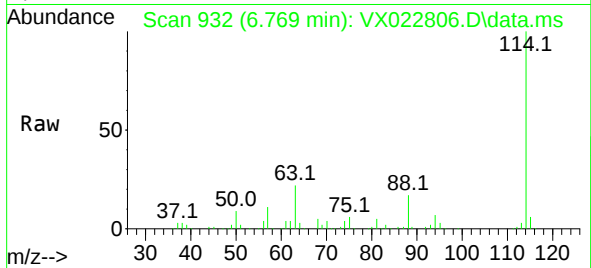




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

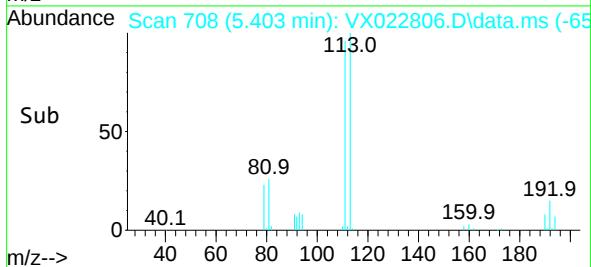
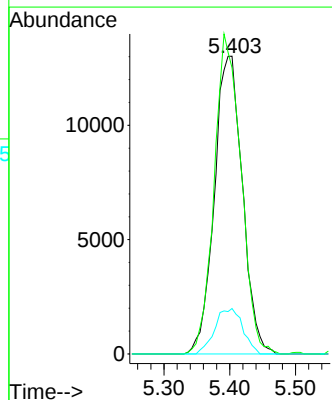
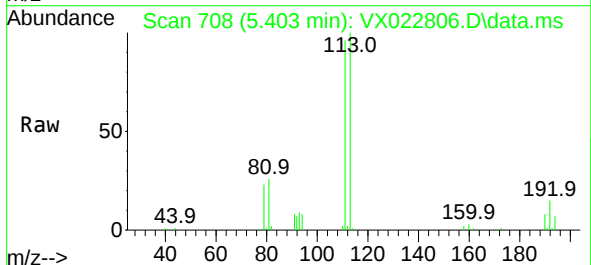
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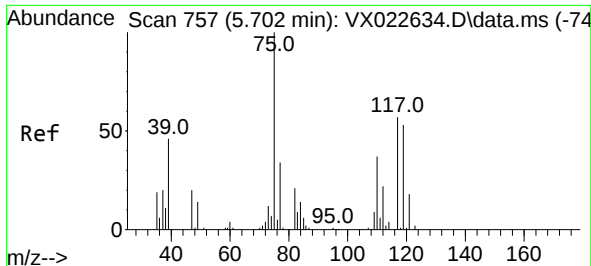
Tgt Ion:114 Resp: 117109
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.857 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.012 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

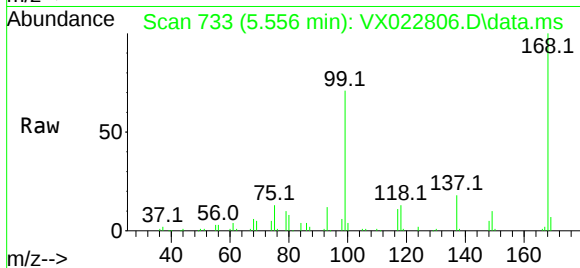
Tgt Ion:113 Resp: 38747
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 15.1 16.7 25.1#



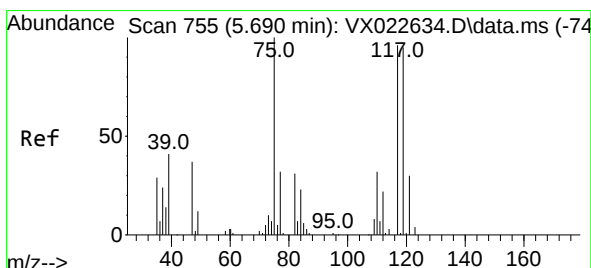
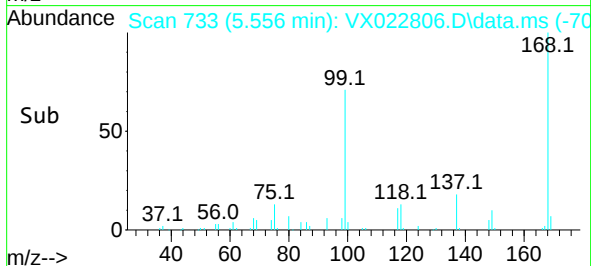
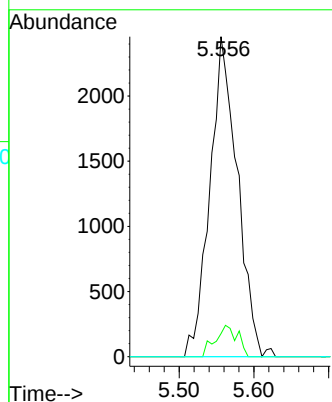


#36
1,1-Dichloropropene
Concen: 5.368 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Instrument :
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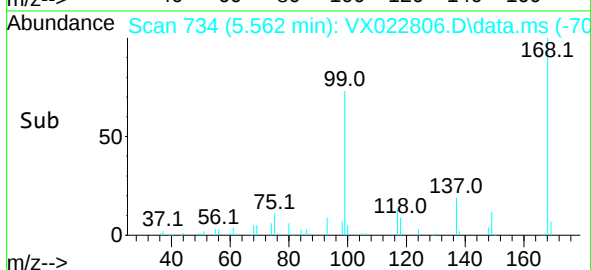
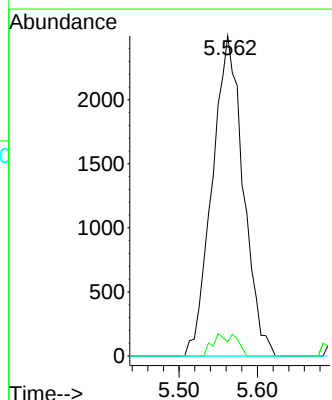
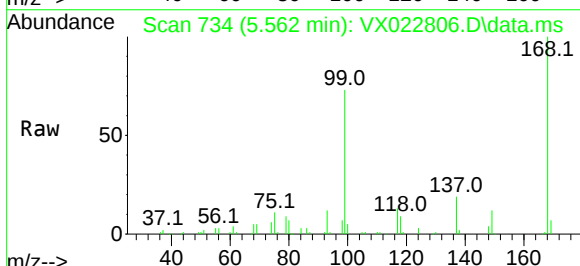


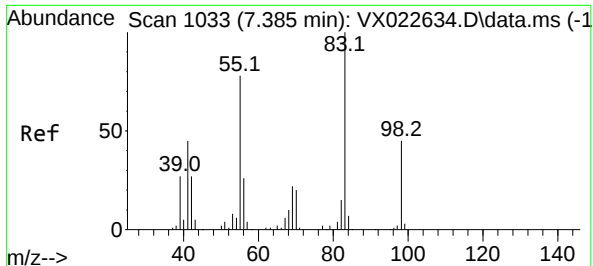
Tgt Ion: 75 Resp: 6264
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.904 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 117 Resp: 6891
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.355 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX022806.D

Acq: 21 Jun 2021 19:44

Tgt Ion: 83 Resp: 432

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

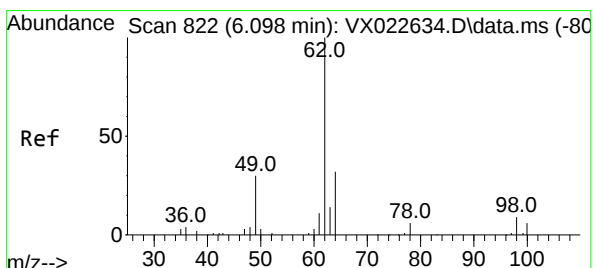
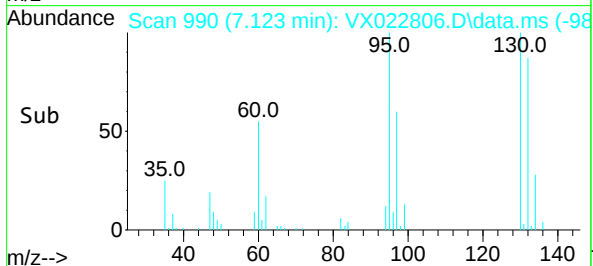
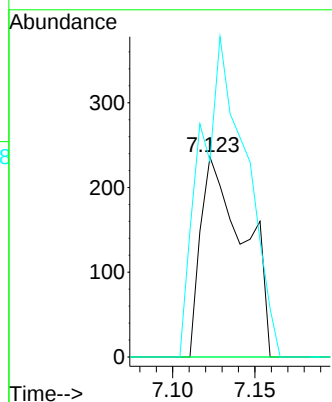
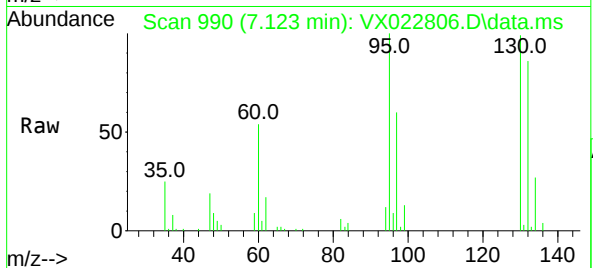
98 97.9 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20210617



#42

1,2-Dichloroethane

Concen: 0.262 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.000 min

Lab File: VX022806.D

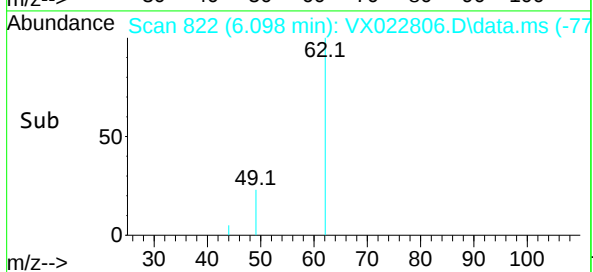
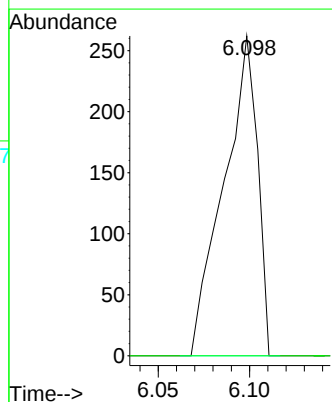
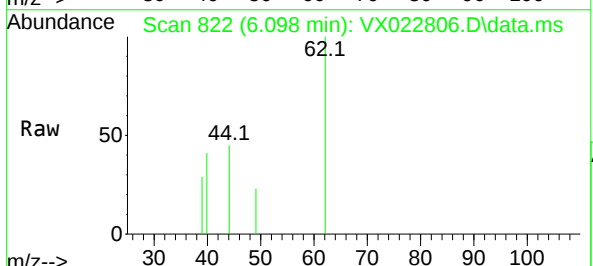
Acq: 21 Jun 2021 19:44

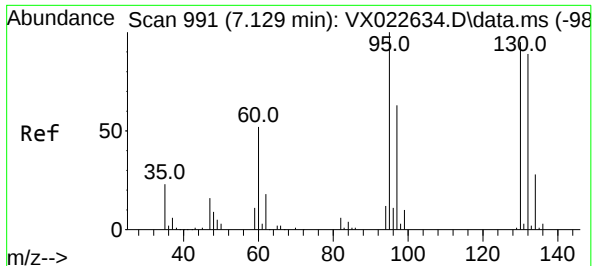
Tgt Ion: 62 Resp: 335

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2

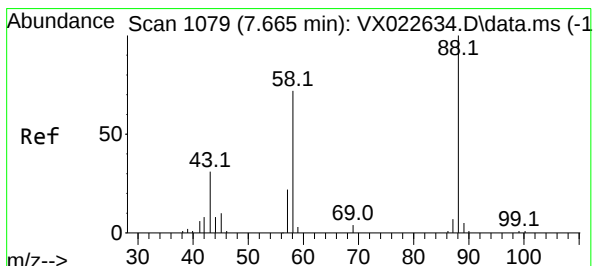
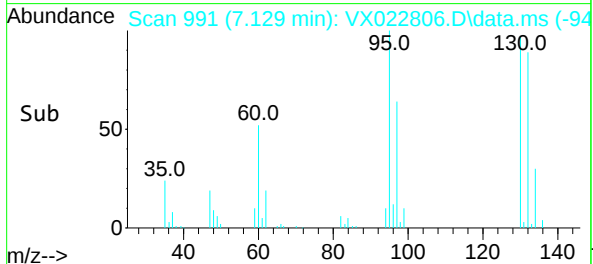
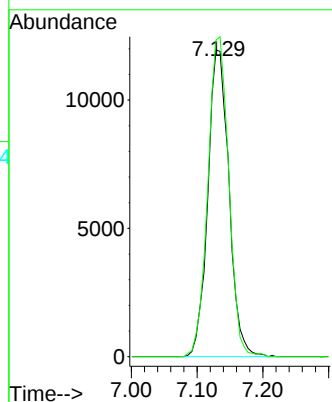
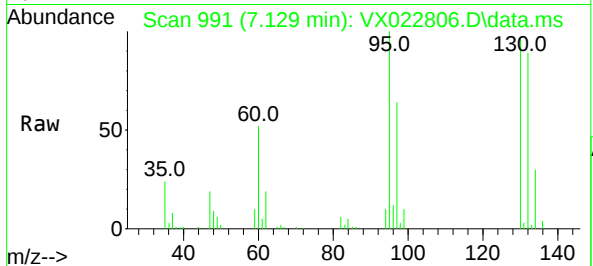




#44
Trichloroethene
Concen: 32.830 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

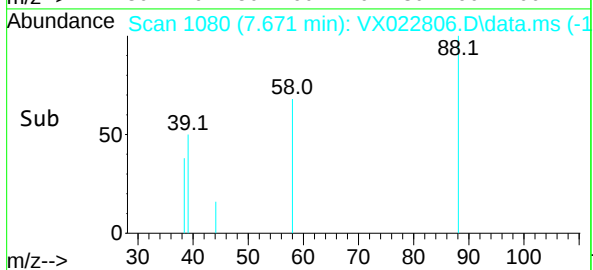
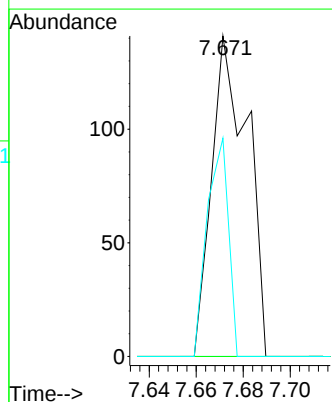
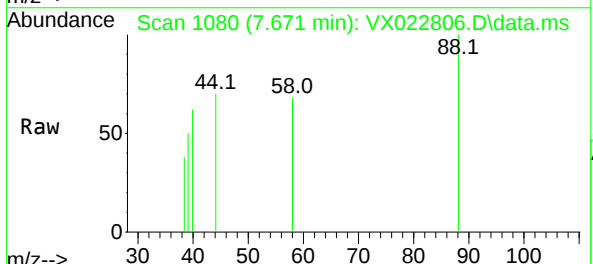
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

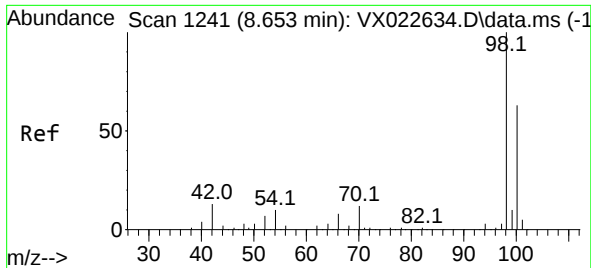
Tgt Ion:130 Resp: 26754
Ion Ratio Lower Upper
130 100
95 103.2 0.0 198.0



#49
1,4-Dioxane
Concen: 6.963 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 88 Resp: 149
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 40.3 55.0 82.4#

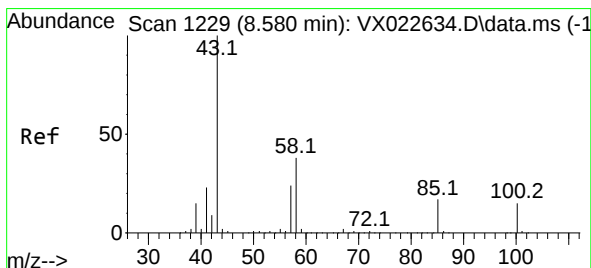
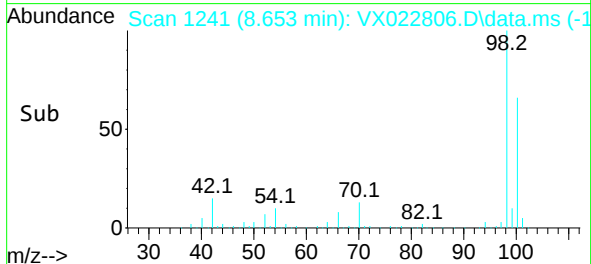
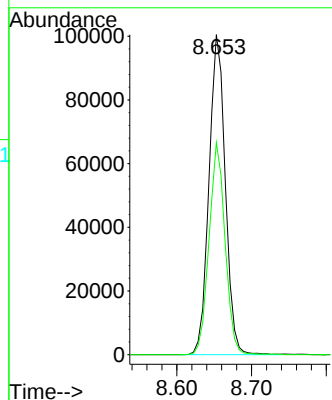
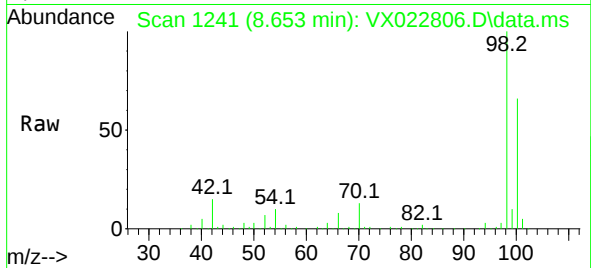




#50
Toluene-d8
Concen: 51.652 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

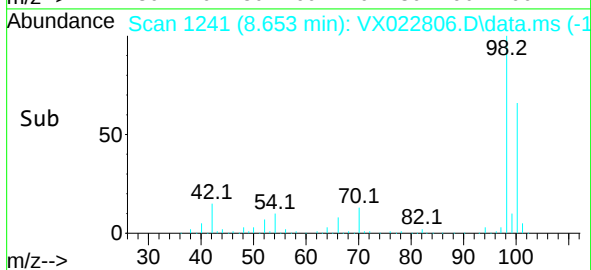
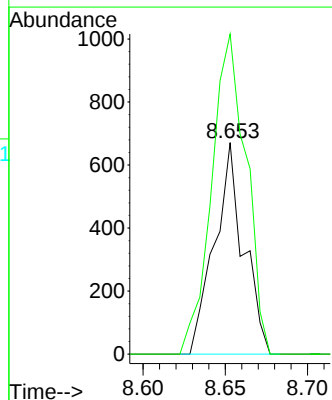
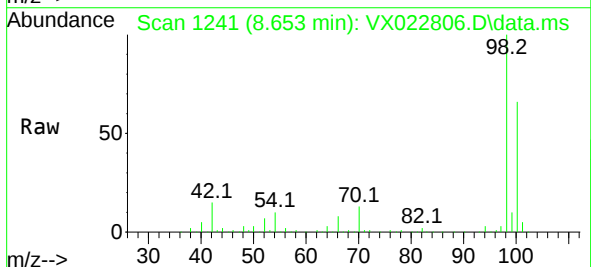
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

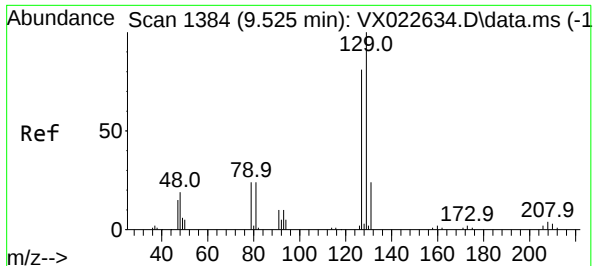
Tgt Ion: 98 Resp: 152137
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 179.5 35.4 53.0#





#60

Dibromochloromethane

Concen: 15.321 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX022806.D

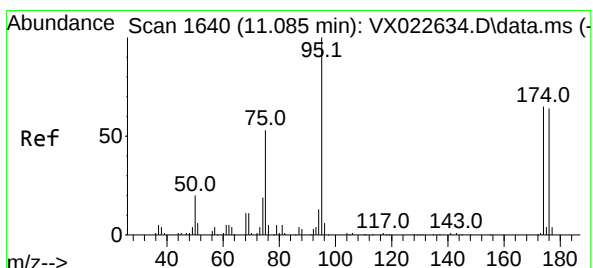
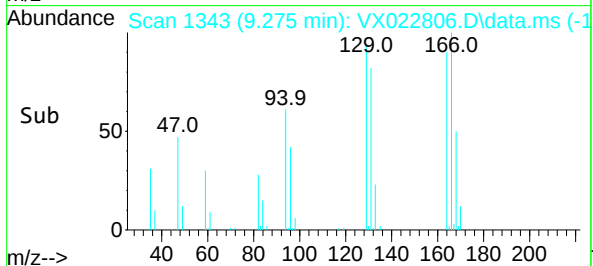
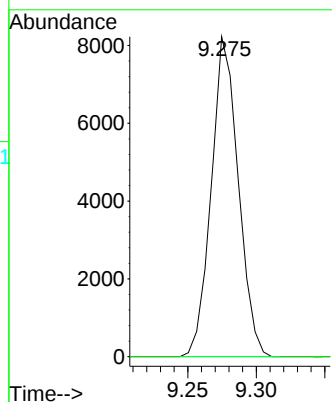
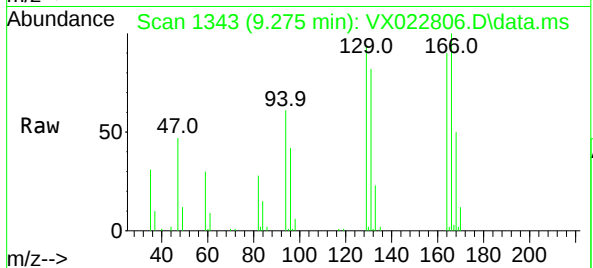
Acq: 21 Jun 2021 19:44

Tgt Ion: 129 Resp: 11266

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.917 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022806.D

Acq: 21 Jun 2021 19:44

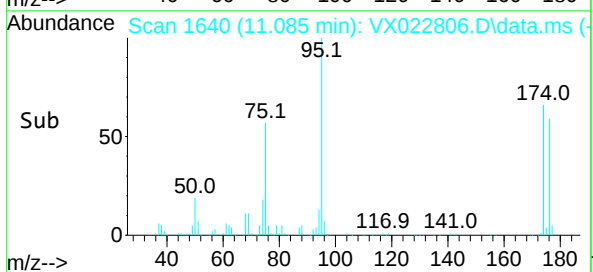
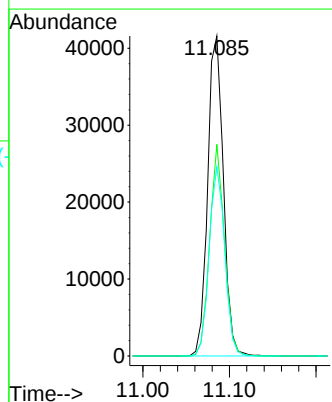
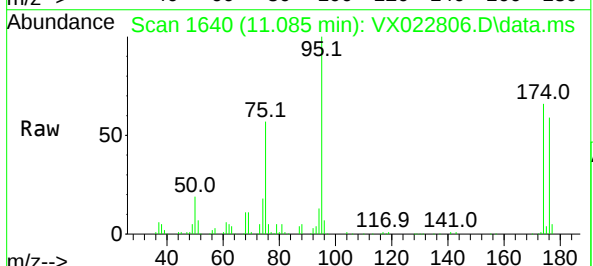
Tgt Ion: 95 Resp: 52264

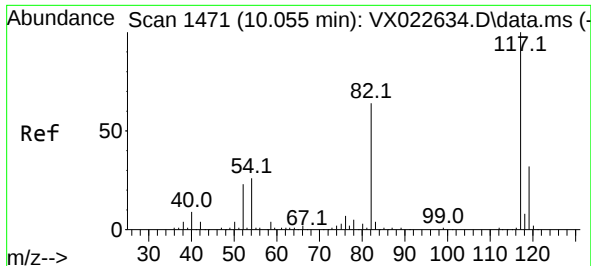
Ion Ratio Lower Upper

95 100

174 62.5 0.0 154.6

176 58.6 0.0 155.8

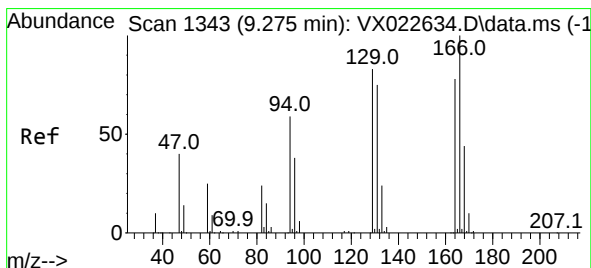
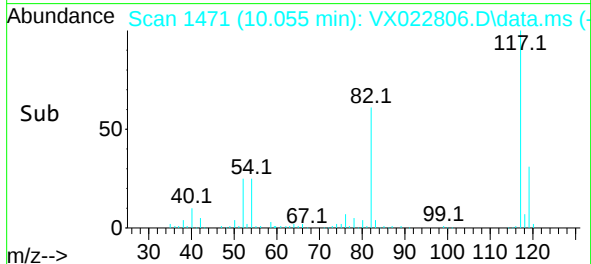
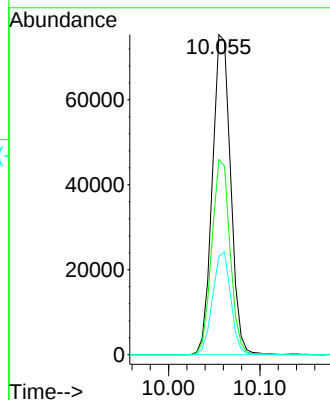
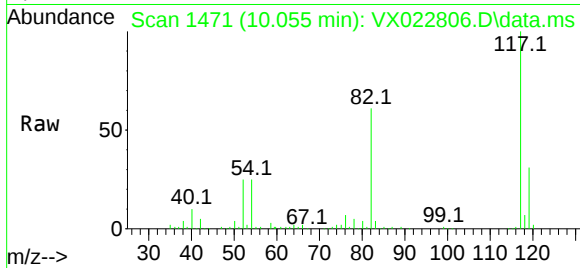




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

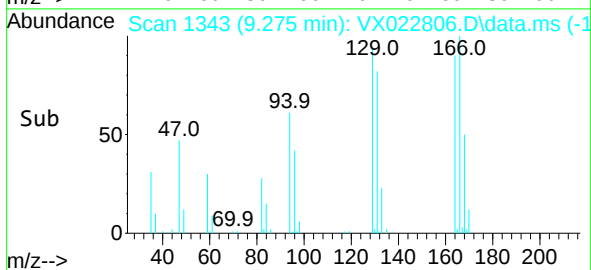
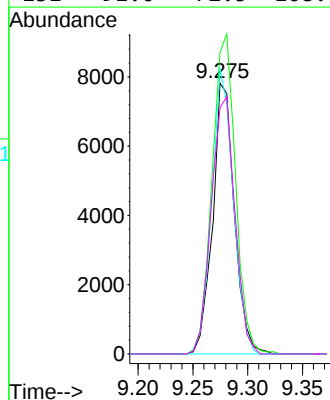
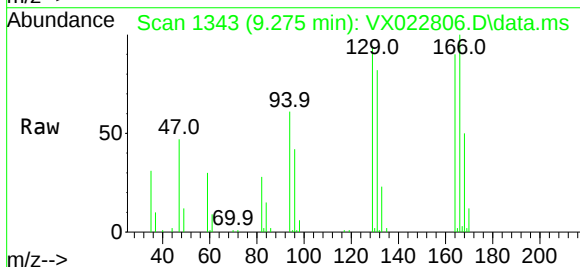
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20210617

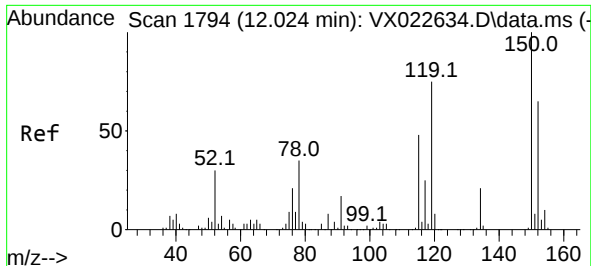
Tgt Ion:117 Resp: 104803
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 30.7 26.6 39.8



#64
Tetrachloroethene
Concen: 16.206 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022806.D
Acq: 21 Jun 2021 19:44

Tgt Ion:164 Resp: 10741
Ion Ratio Lower Upper
164 100
166 111.5 103.4 155.2
129 105.2 70.8 106.2
131 91.0 72.5 108.7

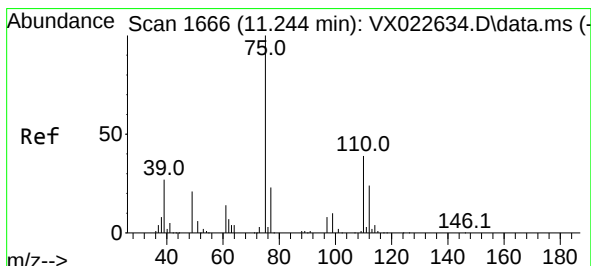
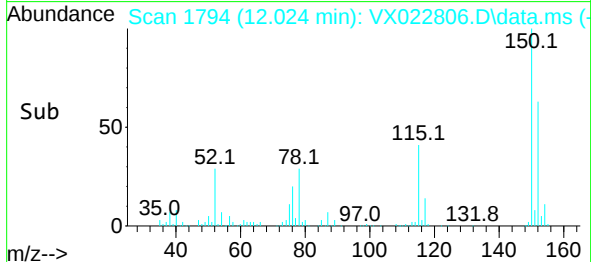
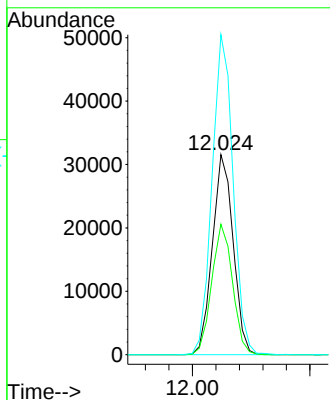
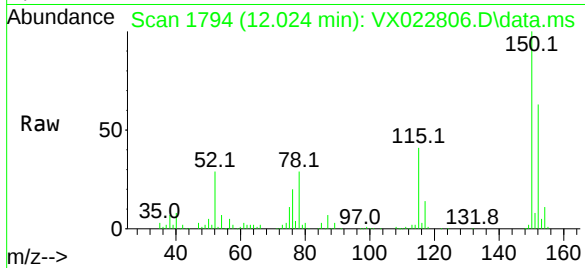




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022806.D
 Acq: 21 Jun 2021 19:44

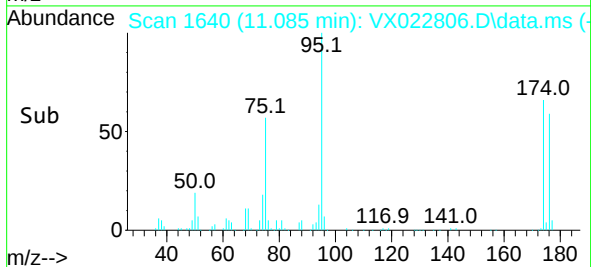
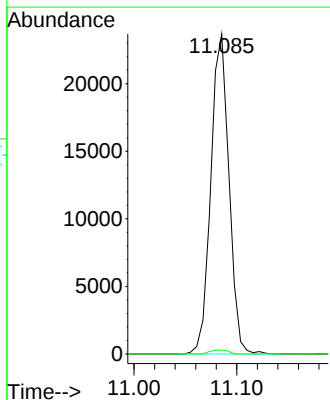
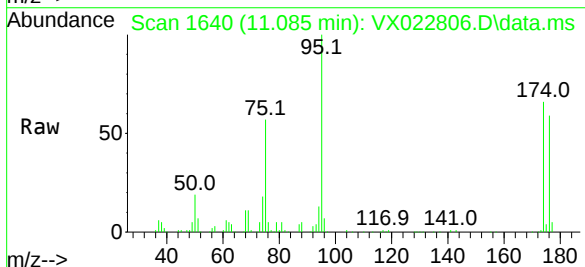
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20210617

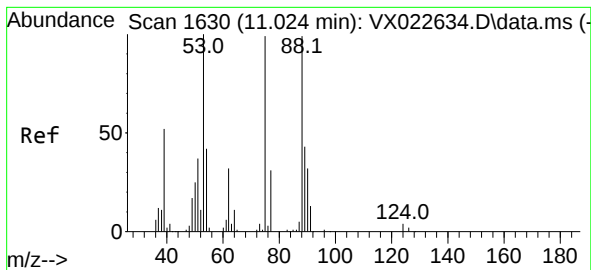
Tgt Ion:152 Resp: 38864
 Ion Ratio Lower Upper
 152 100
 115 65.1 41.1 123.3
 150 161.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.066 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022806.D
 Acq: 21 Jun 2021 19:44

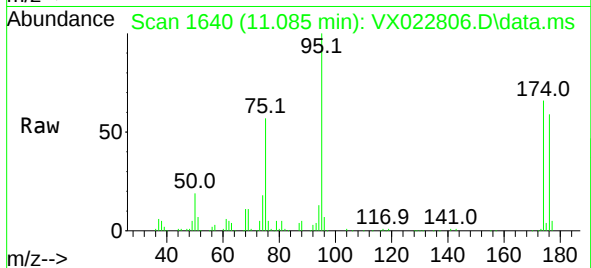
Tgt Ion: 75 Resp: 28920
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.931 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022806.D
 Acq: 21 Jun 2021 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20210617



Tgt Ion: 75 Resp: 28920
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

