

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023121.D
 Acq On : 02 Jul 2021 20:39
 Operator : JC/MD
 Sample : M2924-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jul 05 02:58:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

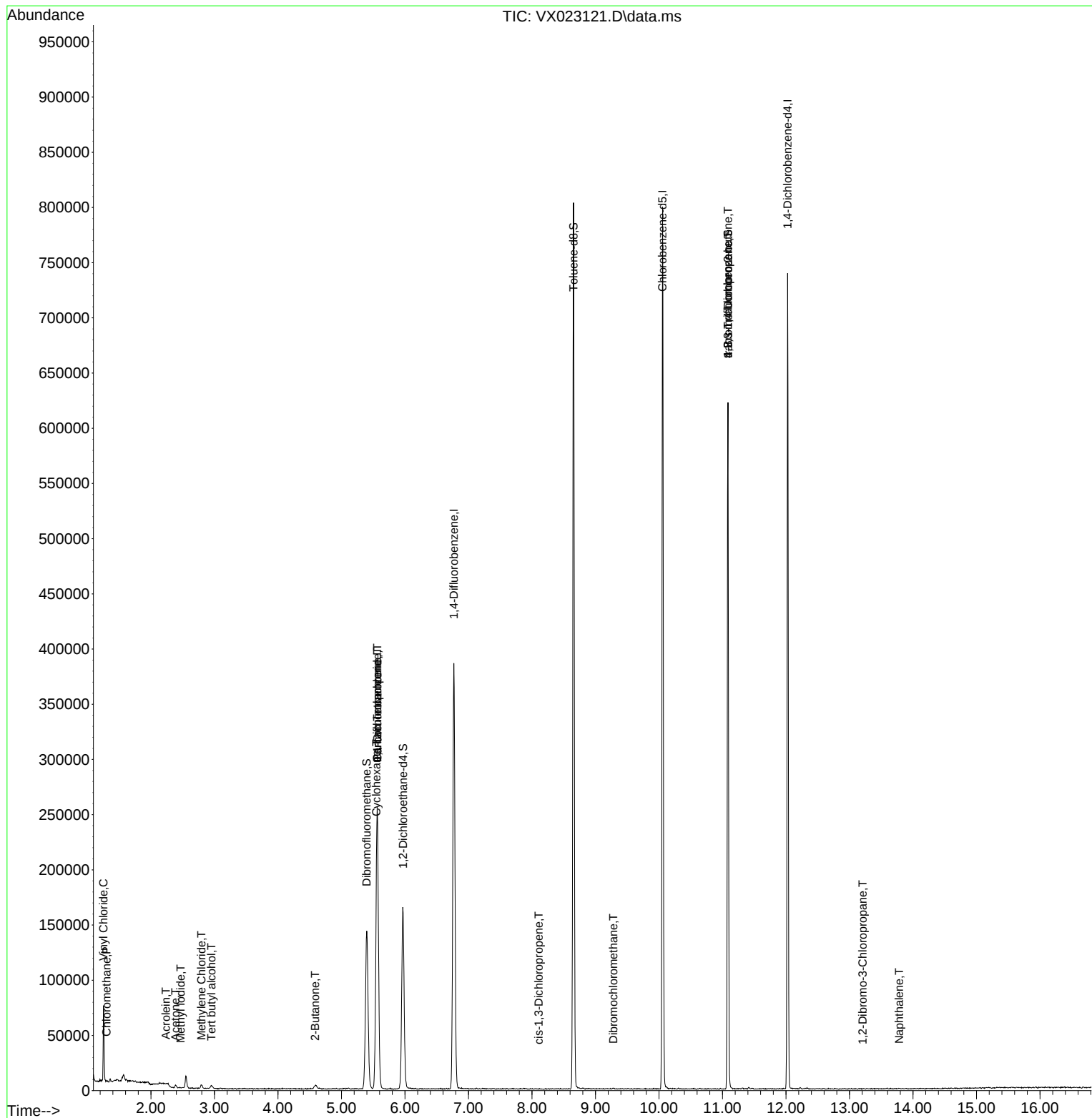
Internal Standards						
1) Pentafluorobenzene	5.562	168	231870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	164030	52.636	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.280%		
35) Dibromofluoromethane	5.397	113	120733	48.982	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.960%		
50) Toluene-d8	8.653	98	454309	49.412	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.820%		
62) 4-Bromofluorobenzene	11.085	95	162835	45.875	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.740%		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	605	0.291	ug/l #	84
4) Vinyl Chloride	1.252	62	453	0.206	ug/l #	43
5) Bromomethane	1.612	94	955	Below Cal		89
10) Methyl Iodide	2.465	142	776	0.282	ug/l	97
11) Tert butyl alcohol	2.953	59	1901	2.900	ug/l #	83
13) Acrolein	2.233	56	211	0.483	ug/l #	50
16) Acetone	2.386	43	2330	1.890	ug/l	94
20) Methylene Chloride	2.794	84	1354	0.510	ug/l #	80
25) 2-Butanone	4.587	43	663	0.357	ug/l #	45
31) Cyclohexane	5.550	56	5494	1.472	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	18792	5.523	ug/l #	50
38) Carbon Tetrachloride	5.562	117	24518	6.903	ug/l #	16
54) cis-1,3-Dichloropropene	8.104	75	30	2.179	ug/l #	36
60) Dibromochloromethane	9.281	129	57	3.130	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	87912	30.002	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	87912	80.555	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	13.207	75	22	2.596	ug/l #	1
95) Naphthalene	13.780	128	386	1.310	ug/l #	69

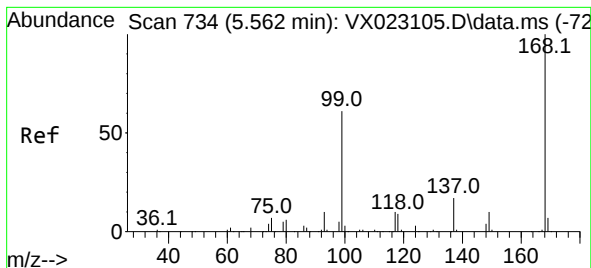
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX023121.D

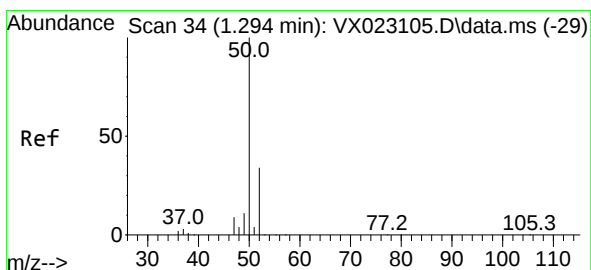
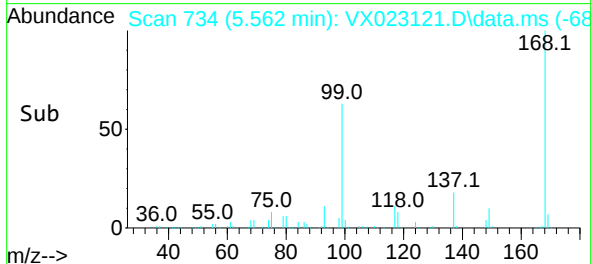
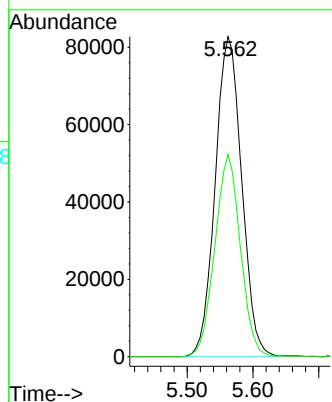
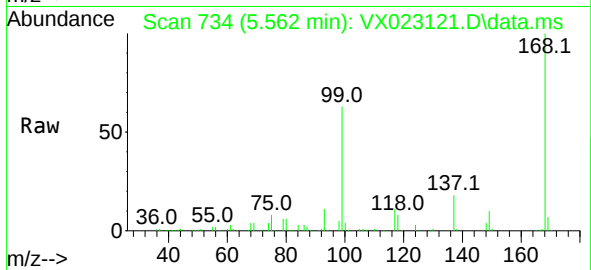
Acq: 02 Jul 2021 20:39

Tgt Ion: 168 Resp: 231870

Ion Ratio Lower Upper

168 100

99 63.2 45.8 68.6



#3

Chloromethane

Concen: 0.291 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX023121.D

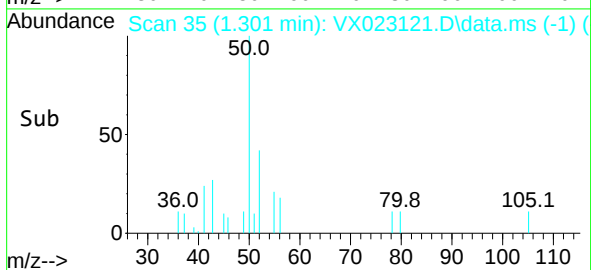
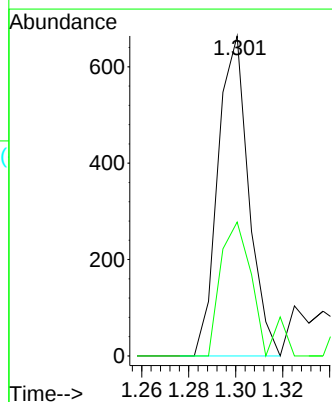
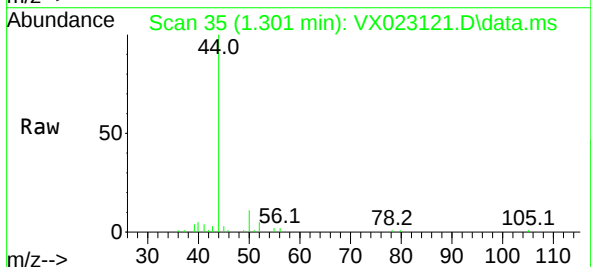
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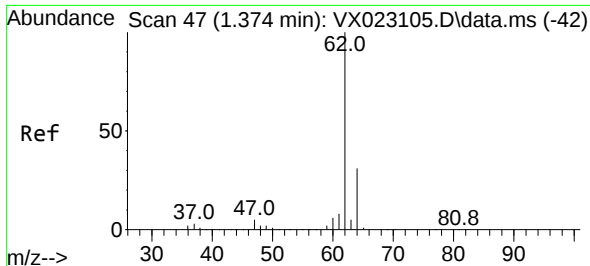
Tgt Ion: 50 Resp: 605

Ion Ratio Lower Upper

50 100

52 41.9 26.4 39.6#

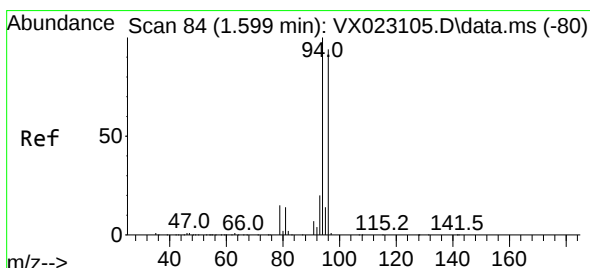
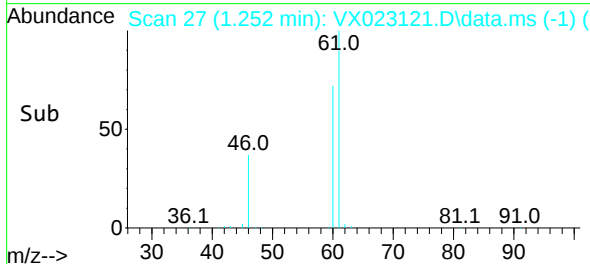
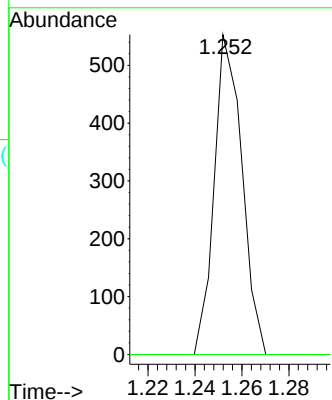
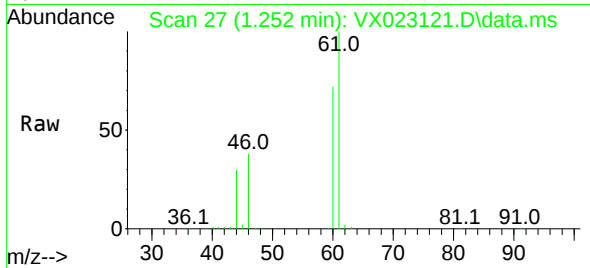




#4
 Vinyl Chloride
 Concen: 0.206 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023121.D
 Acq: 02 Jul 2021 20:39

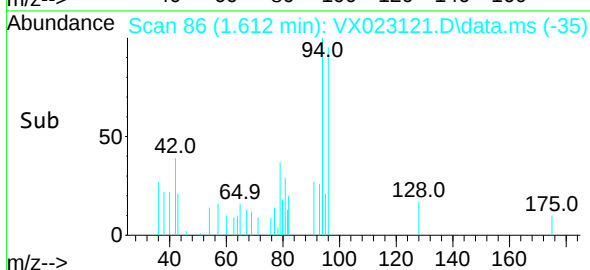
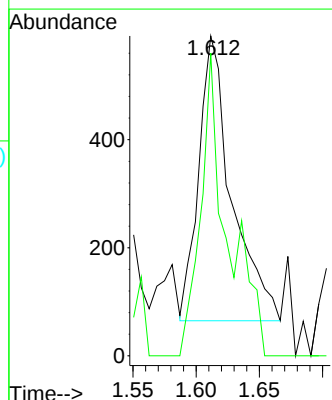
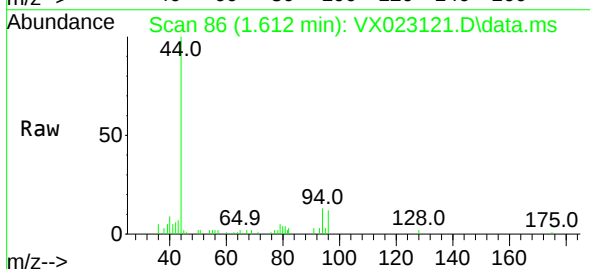
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

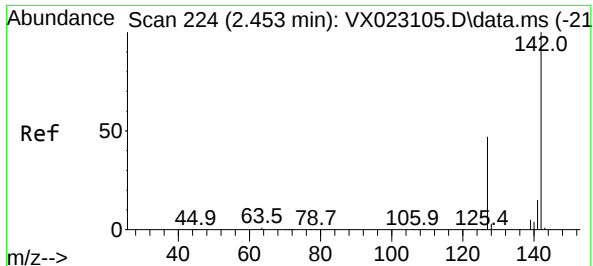
Tgt Ion: 62 Resp: 453
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.612 min Scan# 86
 Delta R.T. 0.013 min
 Lab File: VX023121.D
 Acq: 02 Jul 2021 20:39

Tgt Ion: 94 Resp: 955
 Ion Ratio Lower Upper
 94 100
 96 106.3 76.4 114.6

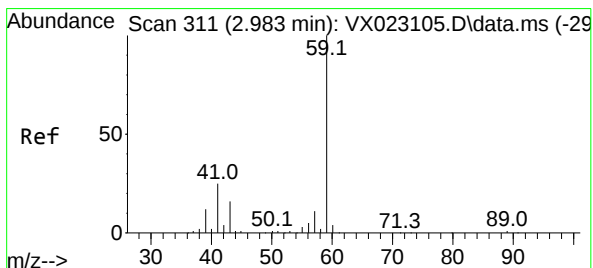
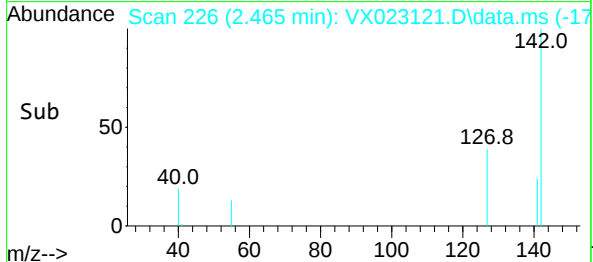
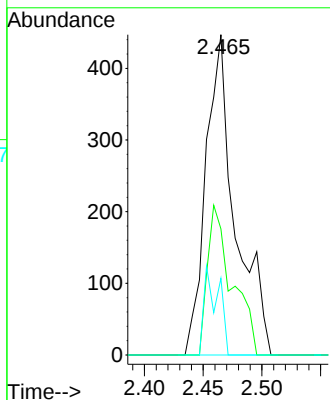
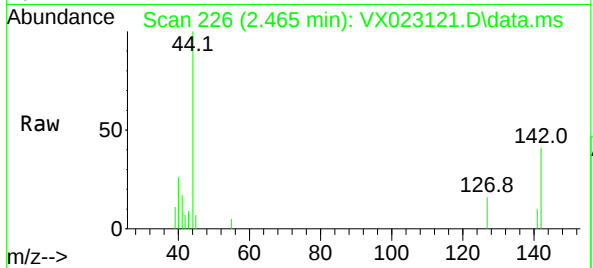




#10
Methyl Iodide
Concen: 0.282 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

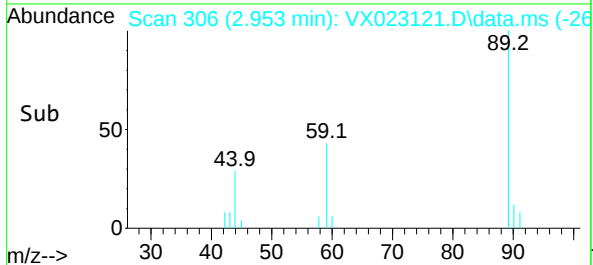
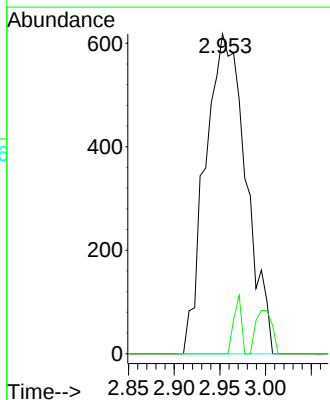
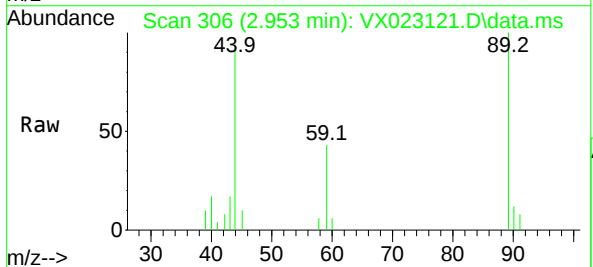
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

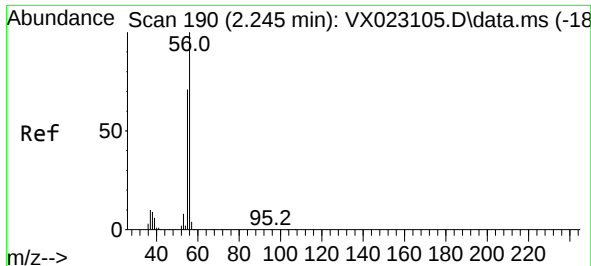
Tgt Ion:	142	Resp:	776
Ion	Ratio	Lower	Upper
142	100		
127	39.3	33.3	49.9
141	13.7	11.4	17.0



#11
Tert butyl alcohol
Concen: 2.900 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion:	59	Resp:	1901
Ion	Ratio	Lower	Upper
59	100		
57	3.4	7.8	11.8#

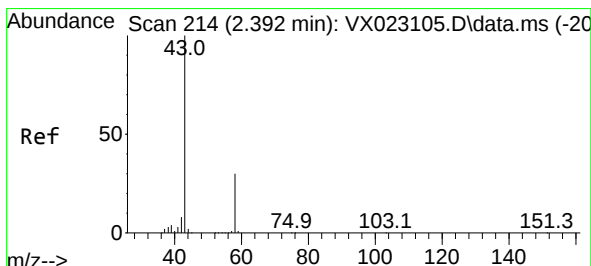
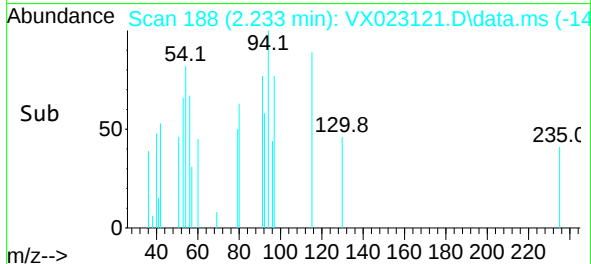
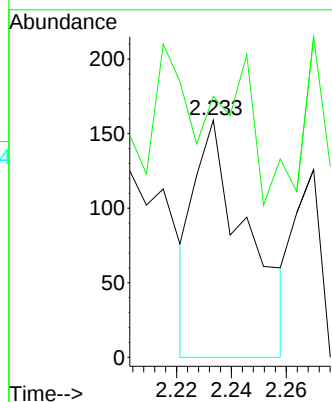
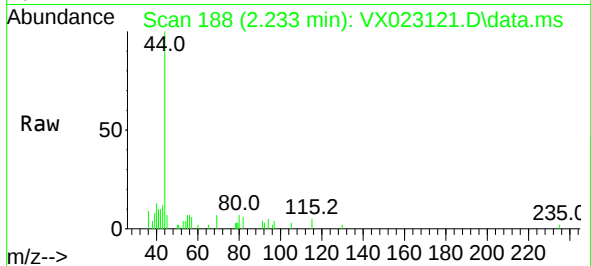




#13
Acrolein
Concen: 0.483 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

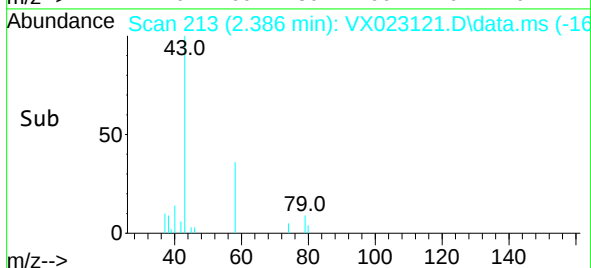
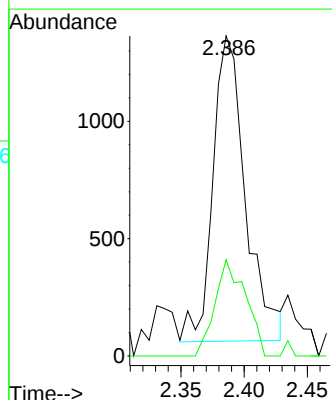
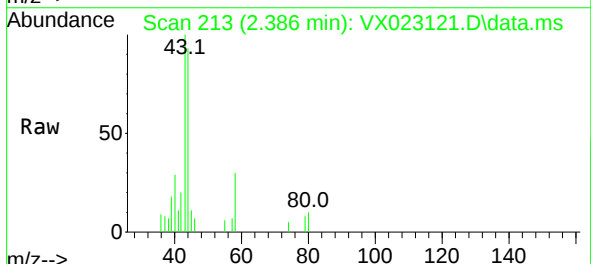
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

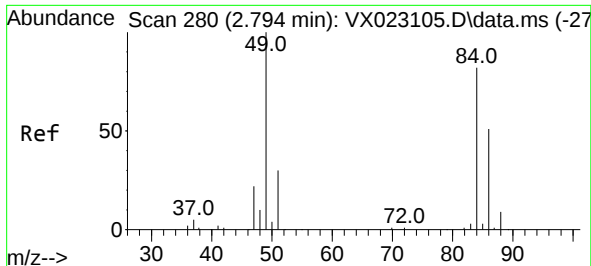
Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 29.4 56.4 84.6#



#16
Acetone
Concen: 1.890 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8





#20

Methylene Chloride

Concen: 0.510 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023121.D

Acq: 02 Jul 2021 20:39

Tgt Ion: 84 Resp: 1354

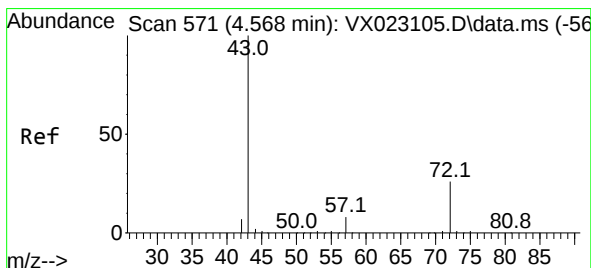
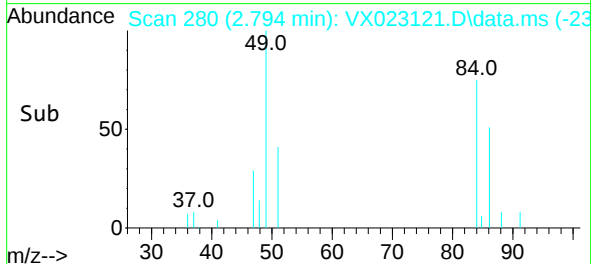
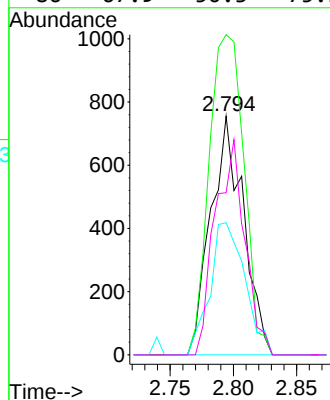
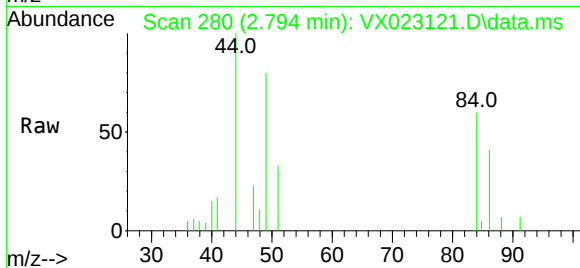
Ion Ratio Lower Upper

84 100

49 134.2 88.6 132.8#

51 55.4 27.0 40.6#

86 67.9 50.3 75.5



#25

2-Butanone

Concen: 0.357 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX023121.D

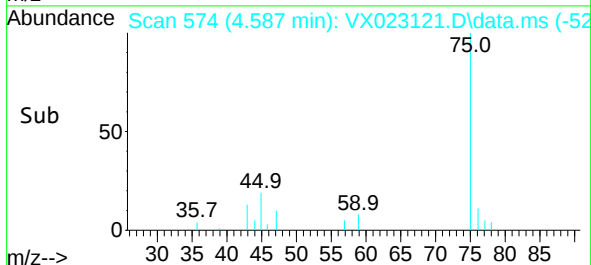
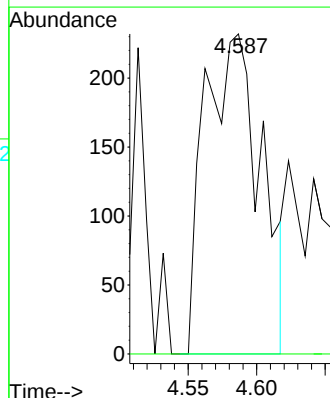
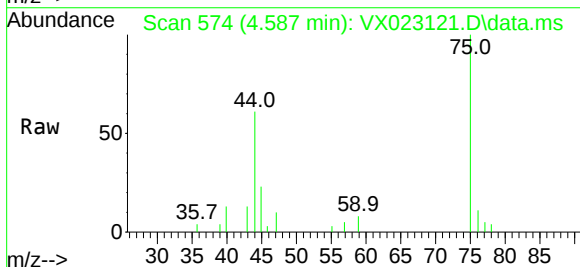
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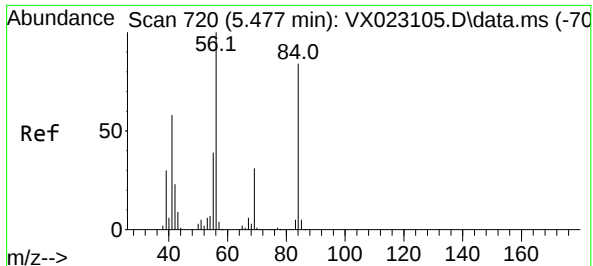
Tgt Ion: 43 Resp: 663

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

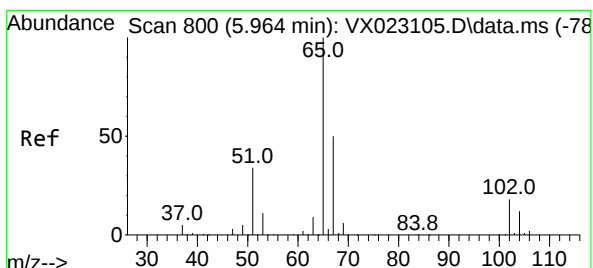
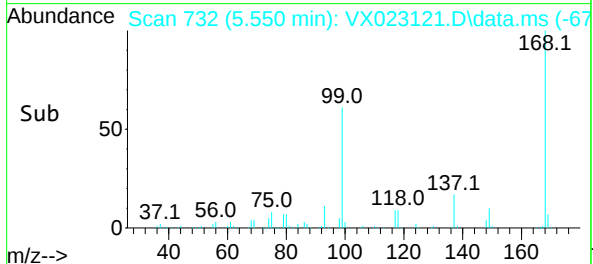
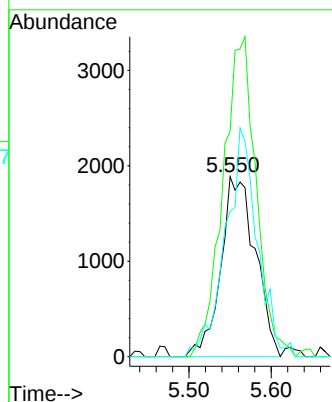
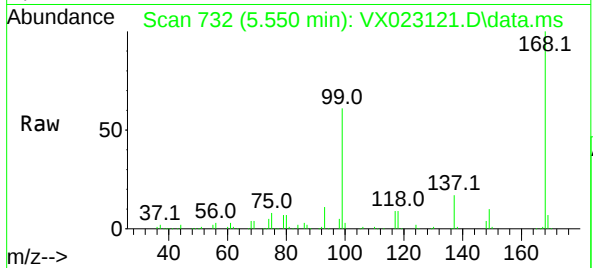




#31
Cyclohexane
Concen: 1.472 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

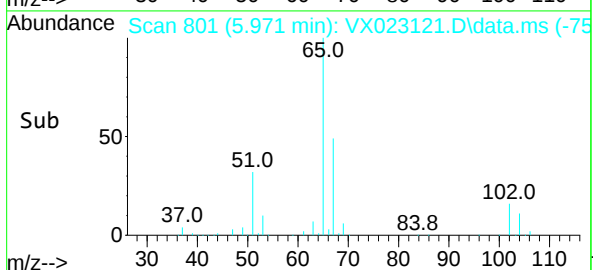
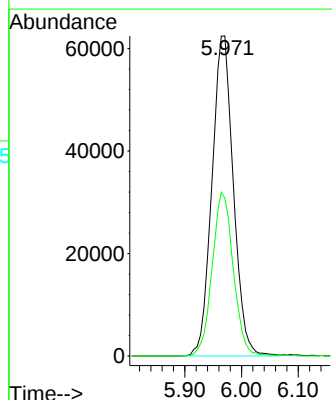
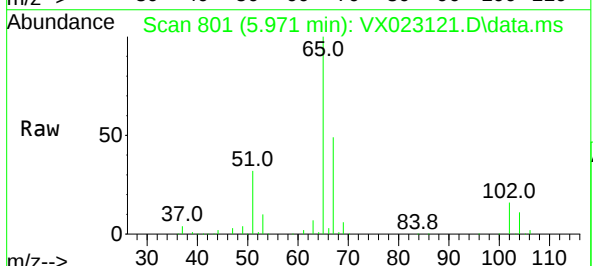
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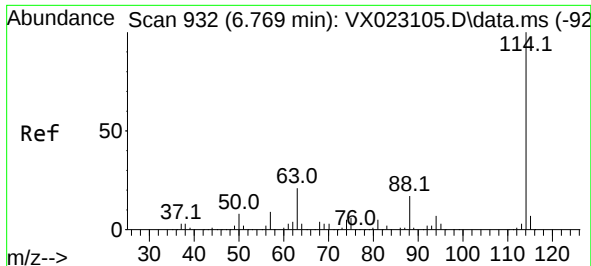
Tgt Ion: 56 Resp: 5494
Ion Ratio Lower Upper
56 100
69 125.3 25.3 37.9#
84 80.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 52.636 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion: 65 Resp: 164030
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

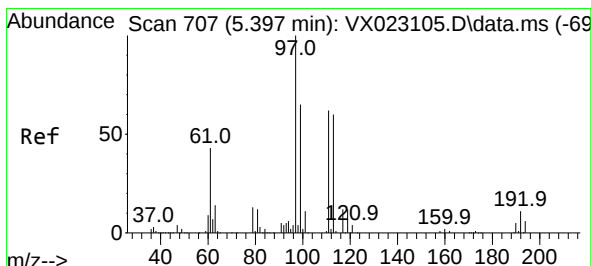
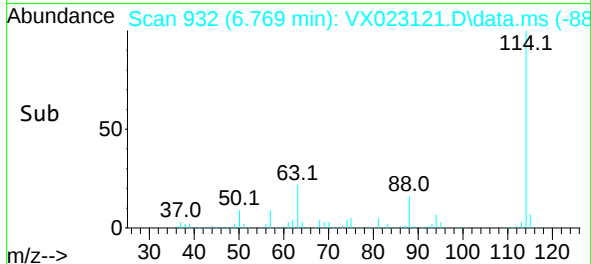
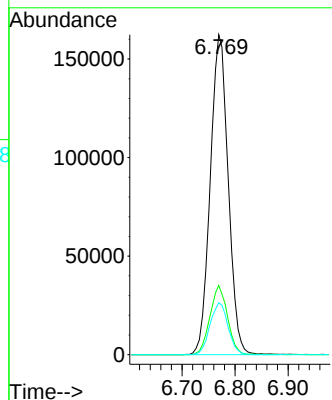
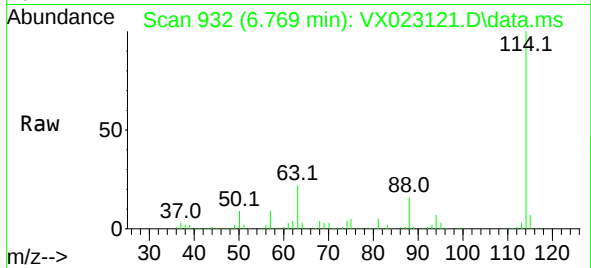




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

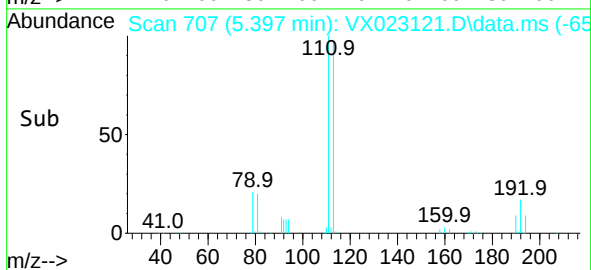
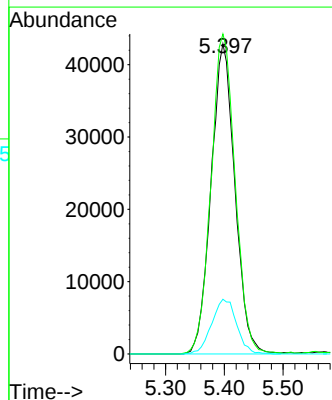
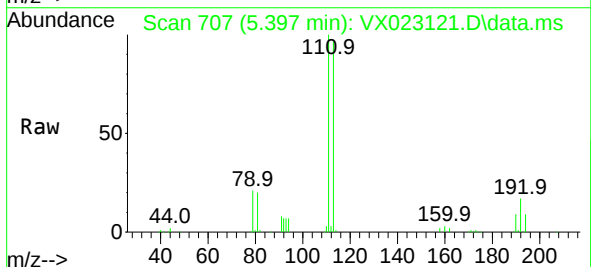
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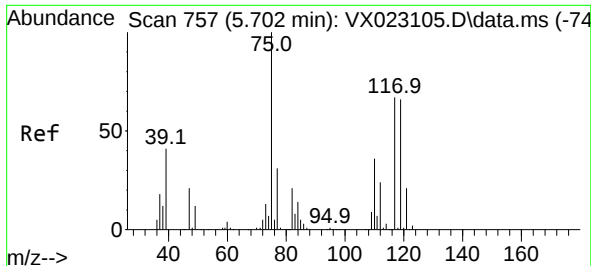
Tgt Ion:114 Resp: 381695
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.982 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion:113 Resp: 120733
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 18.5 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.523 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX023121.D

Acq: 02 Jul 2021 20:39

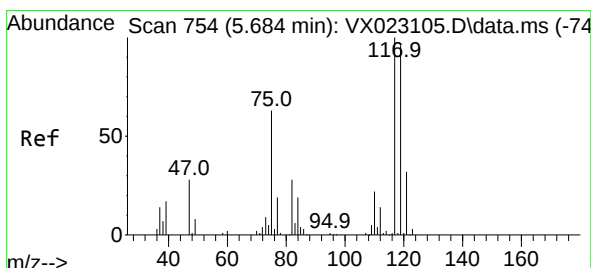
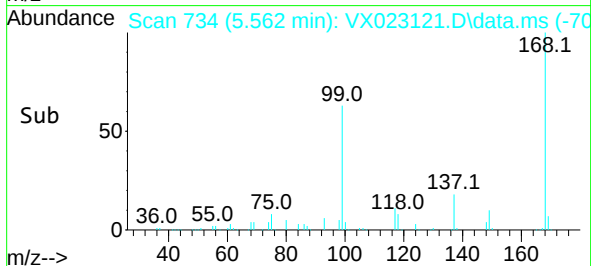
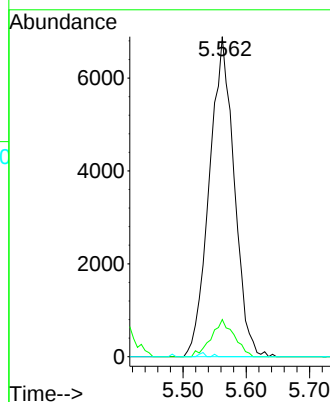
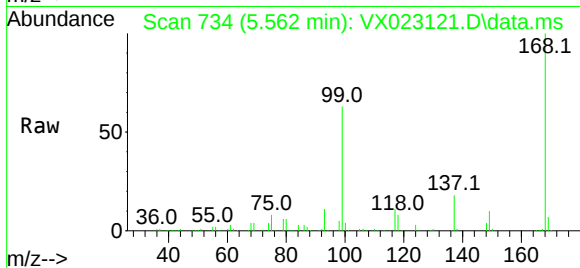
Tgt Ion:	75	Resp:	18792
Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.1	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



#38

Carbon Tetrachloride

Concen: 6.903 ug/l

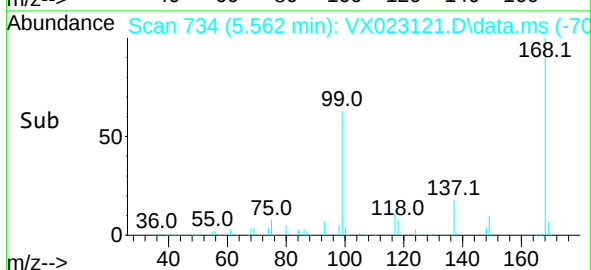
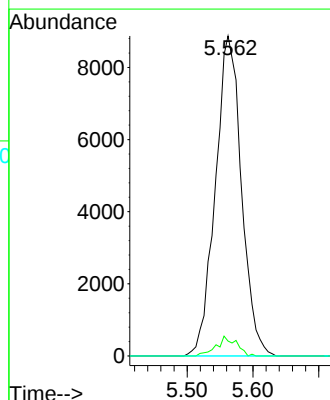
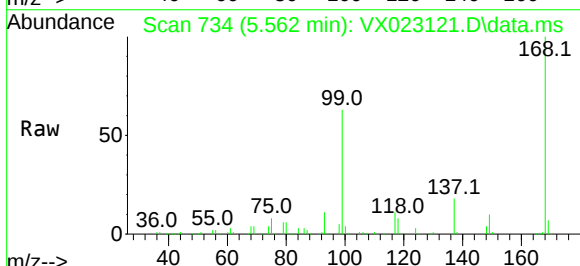
RT: 5.562 min Scan# 734

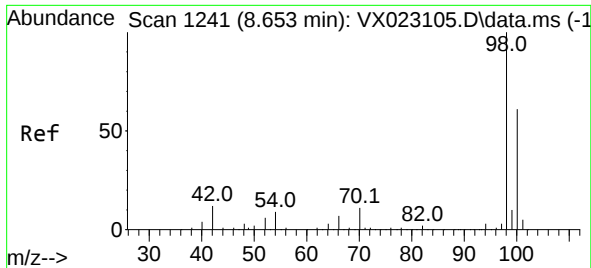
Delta R.T. -0.122 min

Lab File: VX023121.D

Acq: 02 Jul 2021 20:39

Tgt Ion:	117	Resp:	24518
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#

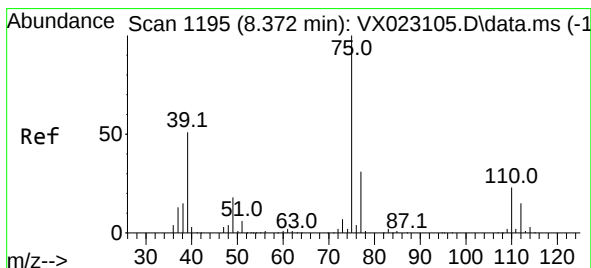
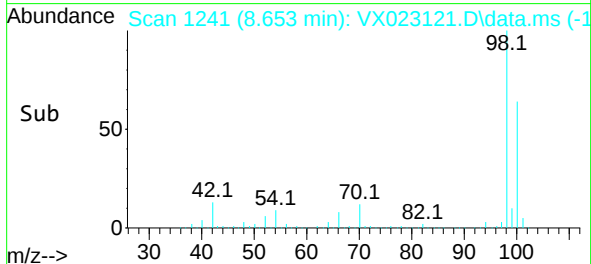
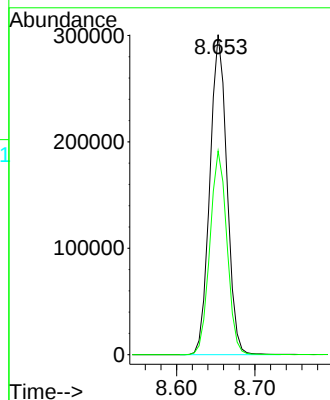
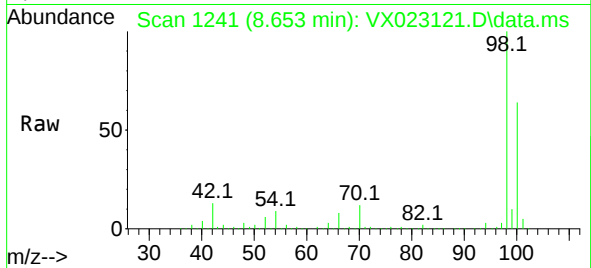




#50
Toluene-d8
Concen: 49.412 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

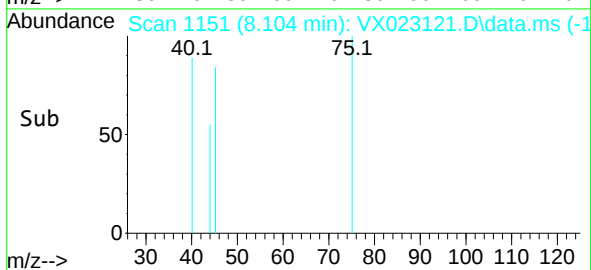
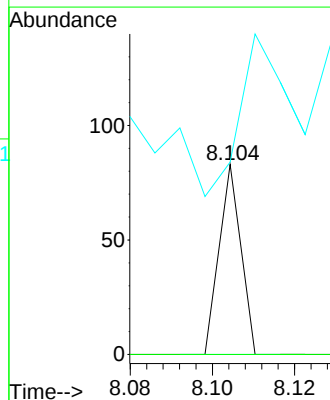
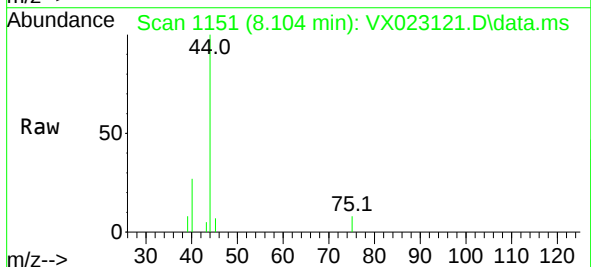
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

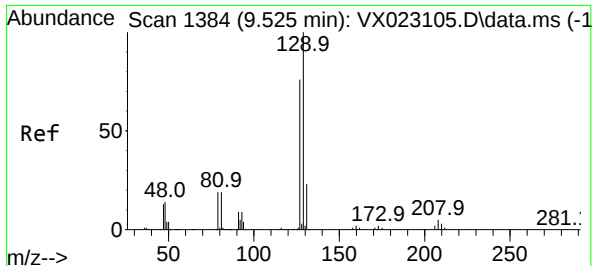
Tgt Ion: 98 Resp: 454309
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#54
cis-1,3-Dichloropropene
Concen: 2.179 ug/l
RT: 8.104 min Scan# 1151
Delta R.T. -0.268 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion: 75 Resp: 30
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 0.0 35.1 52.7#





#60

Dibromochloromethane

Concen: 3.130 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023121.D

Acq: 02 Jul 2021 20:39

Instrument :

MSVOA_X

ClientSampleId :

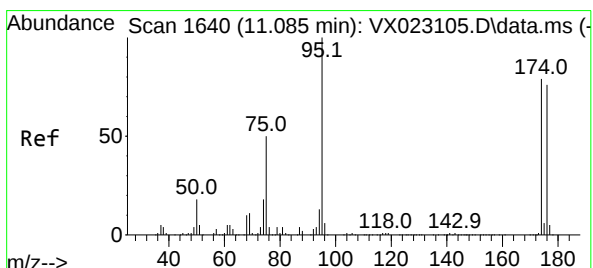
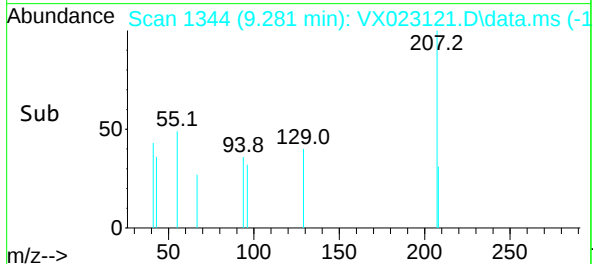
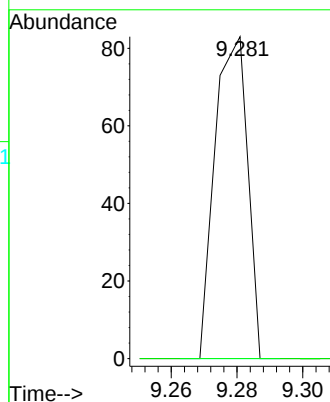
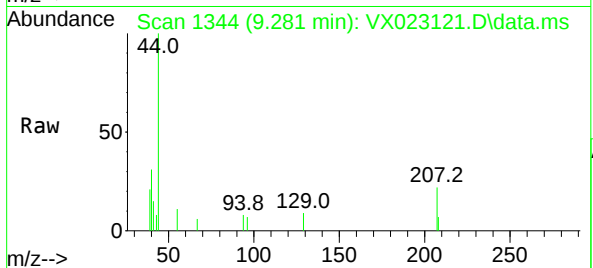
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:129 Resp: 57

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 45.875 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023121.D

Acq: 02 Jul 2021 20:39

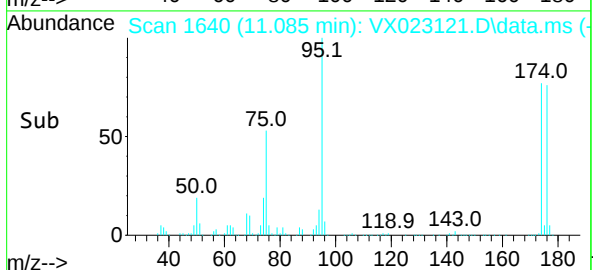
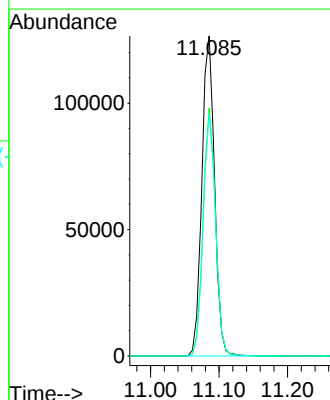
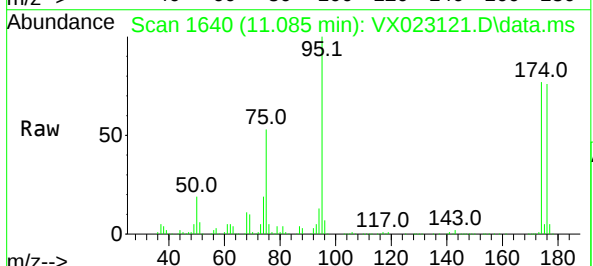
Tgt Ion: 95 Resp: 162835

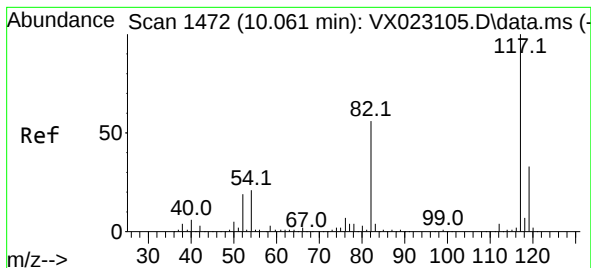
Ion Ratio Lower Upper

95 100

174 76.6 0.0 154.6

176 74.2 0.0 155.8

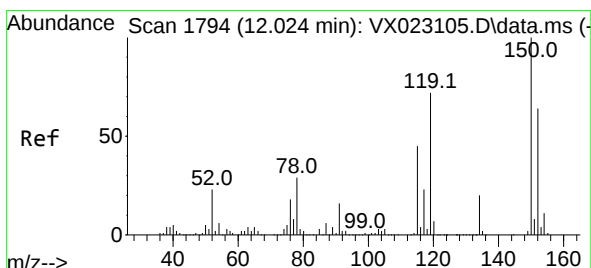
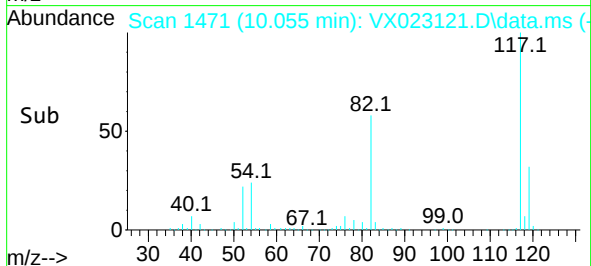
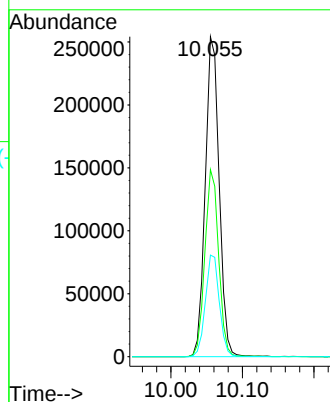
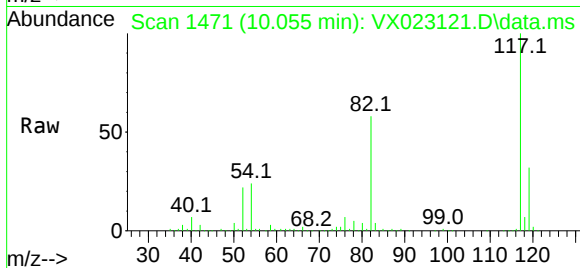




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

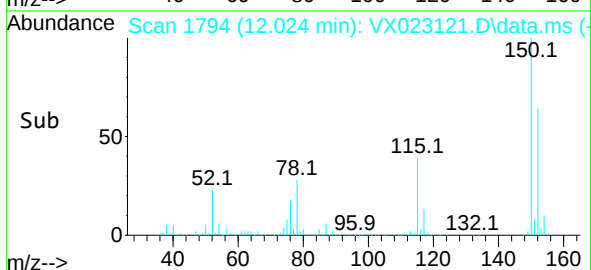
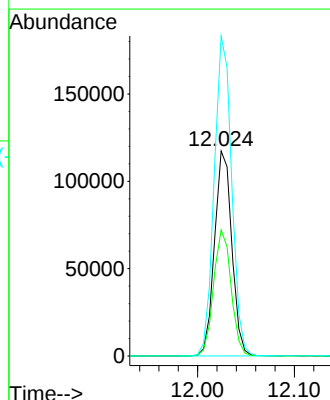
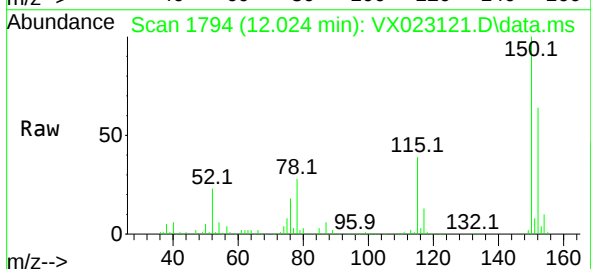
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

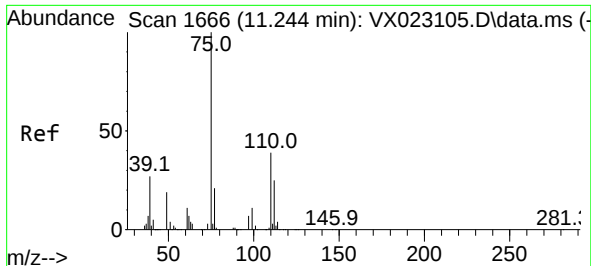
Tgt Ion:117 Resp: 343717
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion:152 Resp: 145613
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 157.5 0.0 349.0

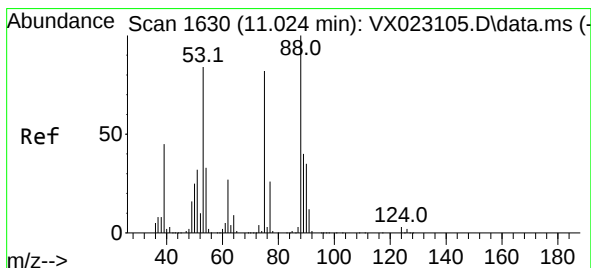
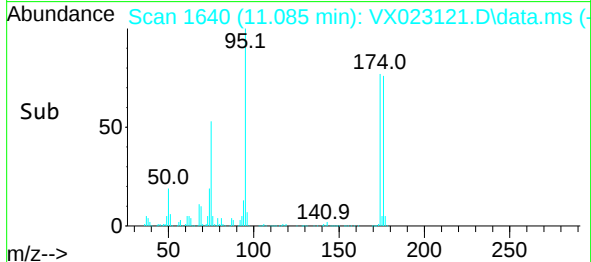
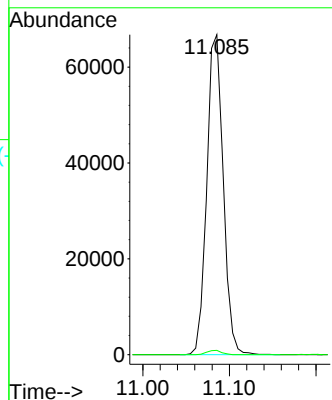
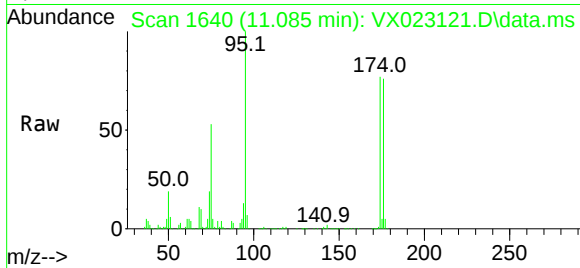




#76
1,2,3-Trichloropropane
Concen: 30.002 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

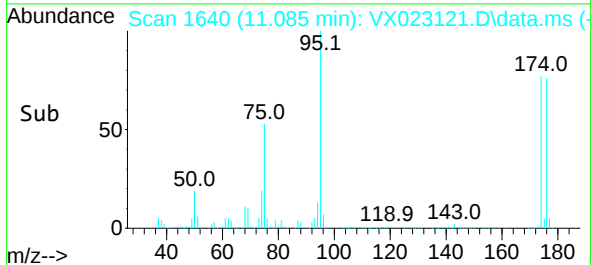
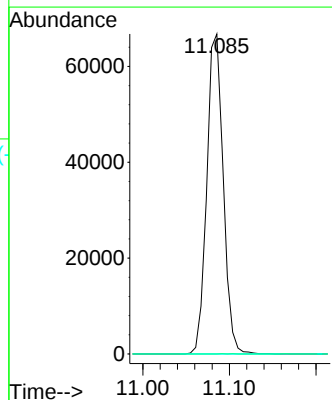
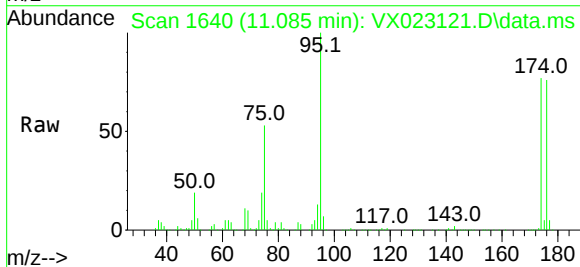
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

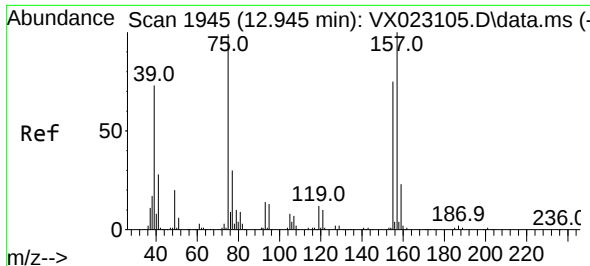
Tgt Ion: 75 Resp: 87912
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.555 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion: 75 Resp: 87912
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

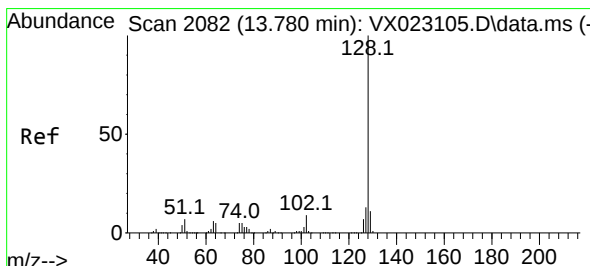
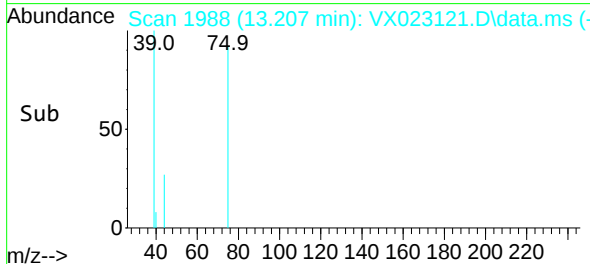
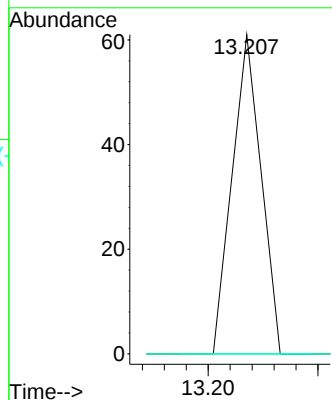
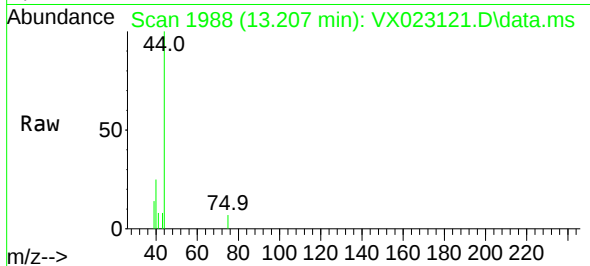




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.596 ug/l
RT: 13.207 min Scan# 1988
Delta R.T. 0.262 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 1.310 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023121.D
Acq: 02 Jul 2021 20:39

Tgt Ion: 128 Resp: 386
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

