

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030170.D
 Acq On : 21 Jul 2022 18:26
 Operator : JC/MD
 Sample : N3765-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-07132022

Quant Time: Jul 22 04:59:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

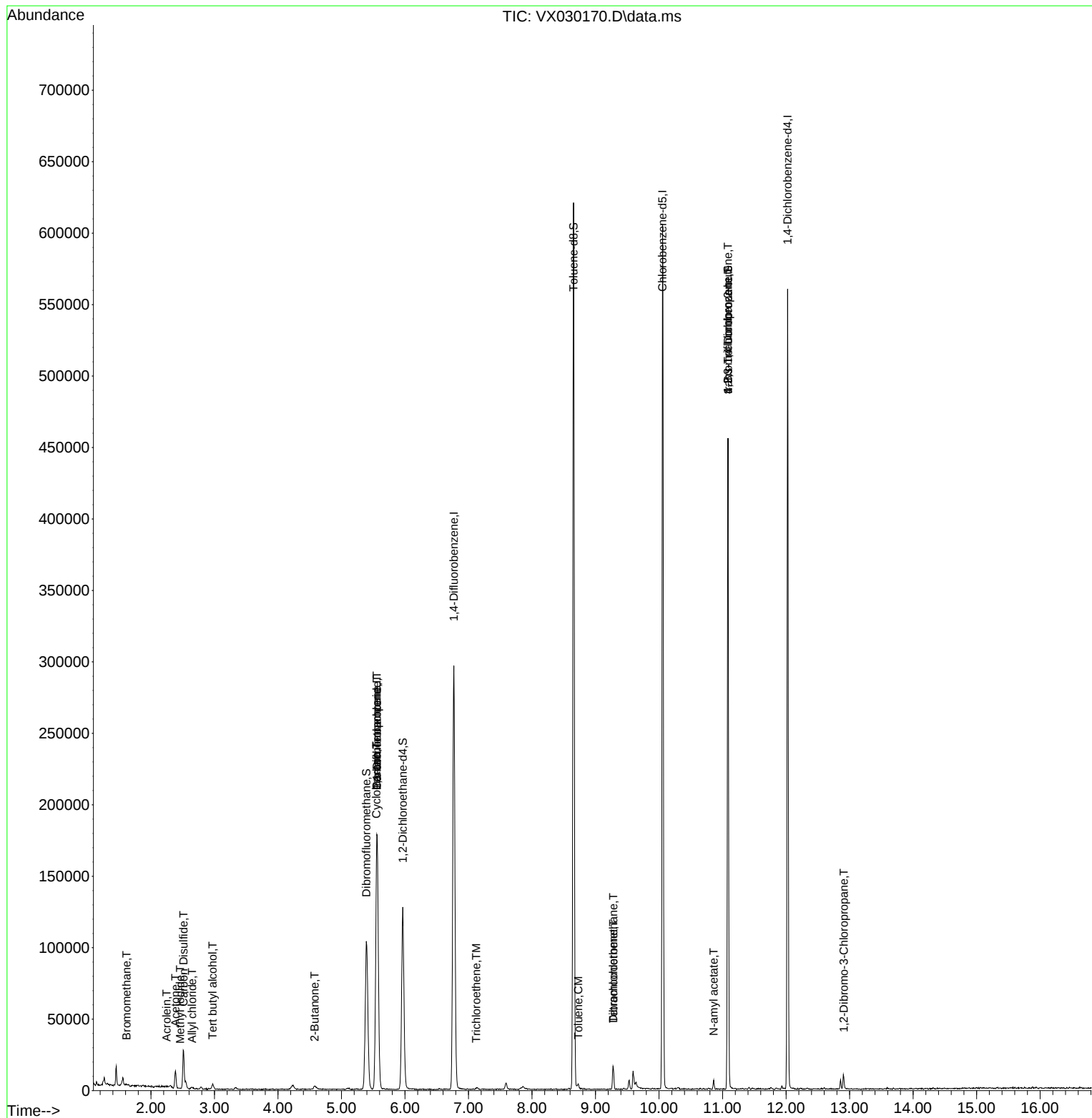
Internal Standards						
1) Pentafluorobenzene	5.556	168	167716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113839	55.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.520%			
35) Dibromofluoromethane	5.391	113	93070	48.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.180%			
50) Toluene-d8	8.653	98	358355	49.231	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.085	95	119260	47.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.420%			
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	245	0.297	ug/l #	37
10) Methyl Iodide	2.459	142	332	2.596	ug/l #	72
11) Tert butyl alcohol	2.971	59	3212	6.096	ug/l #	94
13) Acrolein	2.245	56	104	0.991	ug/l	95
14) Allyl chloride	2.648	41	1588	0.532	ug/l #	35
16) Acetone	2.385	43	12021	12.497	ug/l	94
17) Carbon Disulfide	2.513	76	33775	6.738	ug/l	96
20) Methylene Chloride	2.794	84	661	Below Cal		92
25) 2-Butanone	4.574	43	4136	2.524	ug/l	99
31) Cyclohexane	5.550	56	3761	1.271	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	13559	5.424	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17244	7.397	ug/l #	17
44) Trichloroethene	7.122	130	610	0.265	ug/l	42
52) Toluene	8.726	92	1238	0.248	ug/l	86
60) Dibromochloromethane	9.281	129	3100	1.544	ug/l #	11
64) Tetrachloroethene	9.281	164	3162	1.452	ug/l	91
74) N-amyl acetate	10.860	43	884	0.258	ug/l #	10
76) 1,2,3-Trichloropropane	11.085	75	59458	23.101	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59458	66.669	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	12.908	75	221	0.344	ug/l #	1

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

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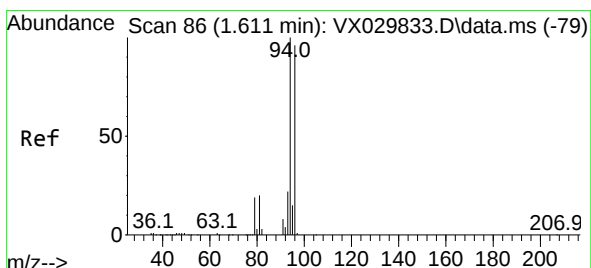
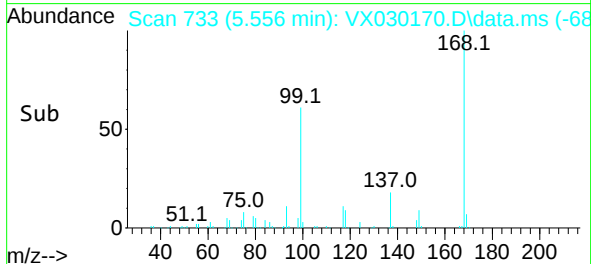
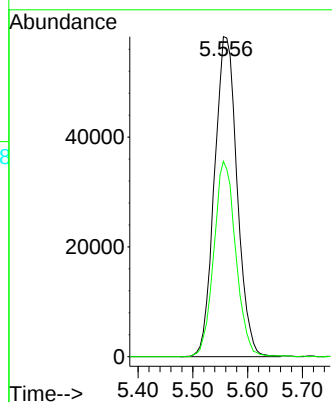
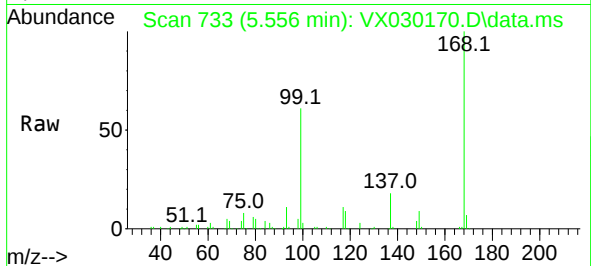




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

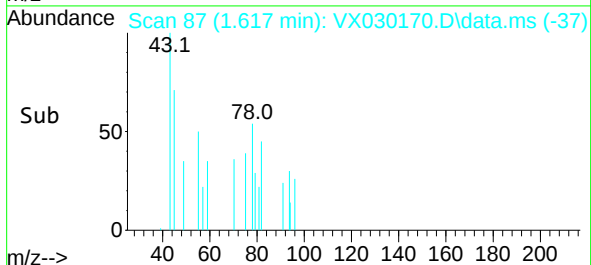
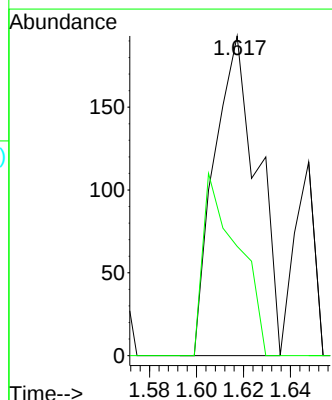
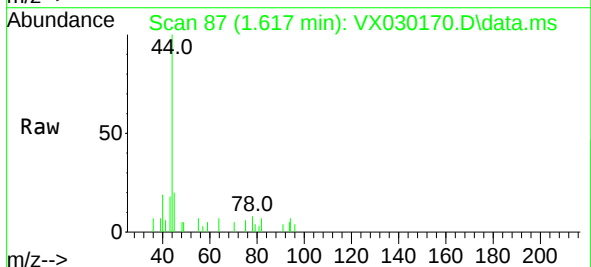
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

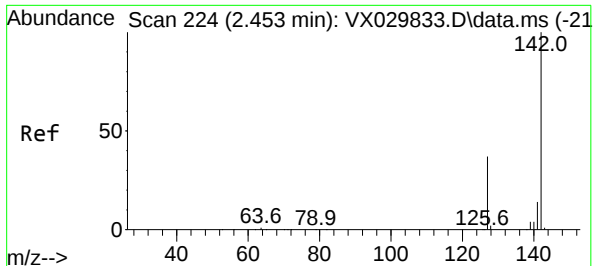
Tgt Ion:168 Resp: 167716
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0



#5
Bromomethane
Concen: 0.297 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 34.2 76.9 115.3#

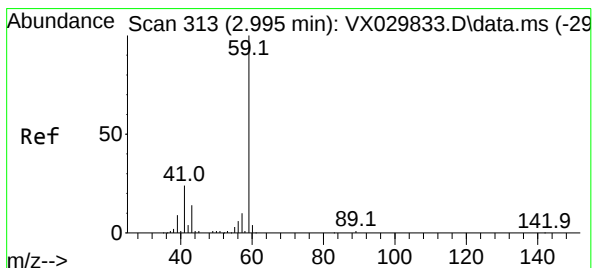
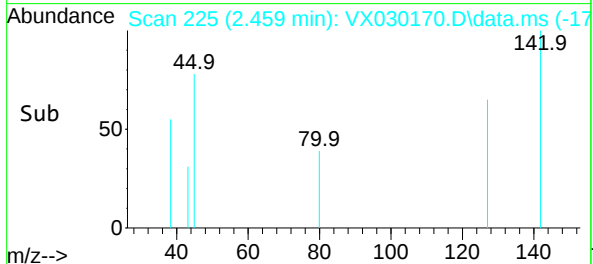
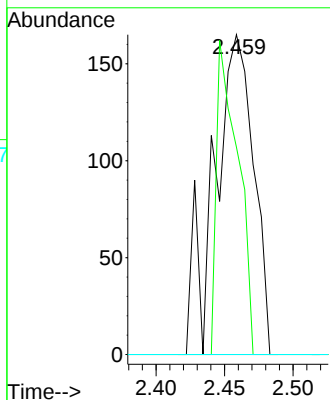
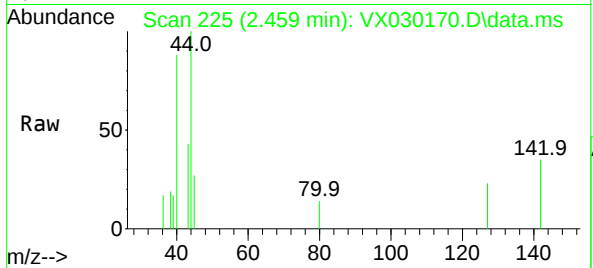




#10
Methyl Iodide
Concen: 2.596 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

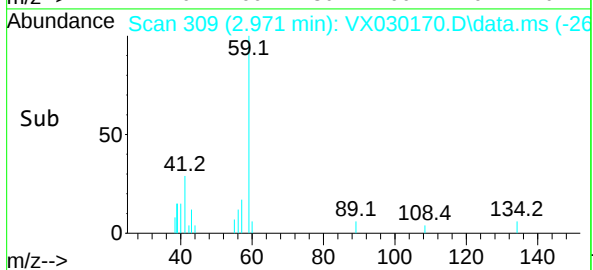
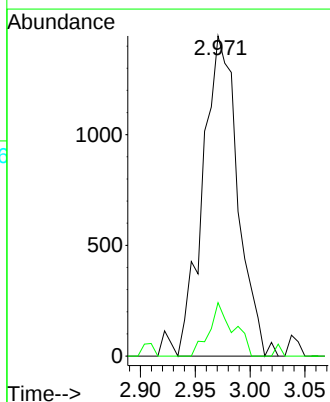
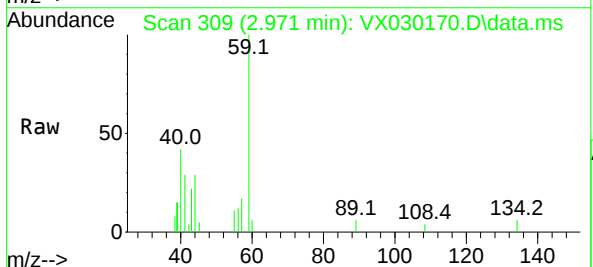
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

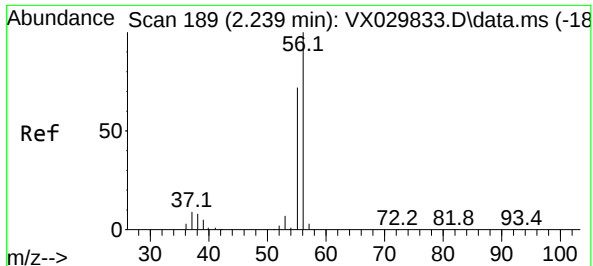
Tgt Ion:142 Resp: 332
Ion Ratio Lower Upper
142 100
127 53.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 6.096 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion: 59 Resp: 3212
Ion Ratio Lower Upper
59 100
57 11.5 7.4 11.2#

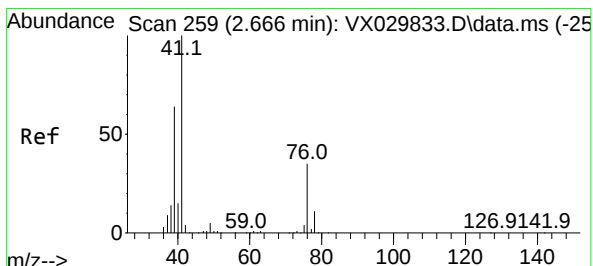
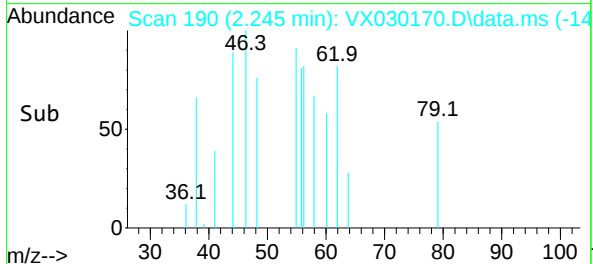
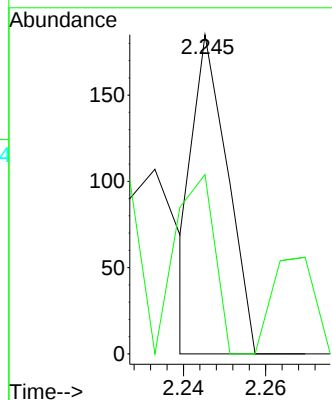
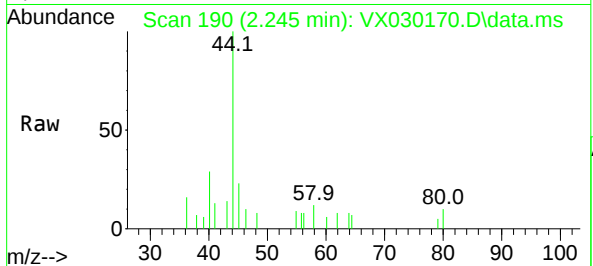




#13
Acrolein
Concen: 0.991 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

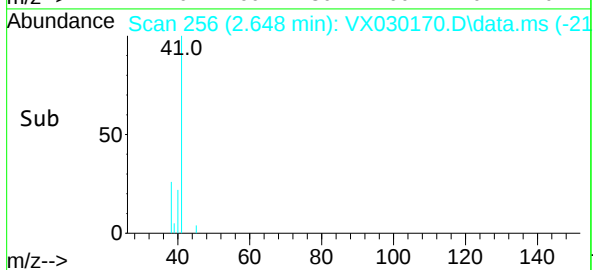
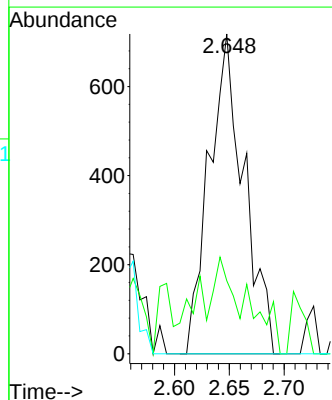
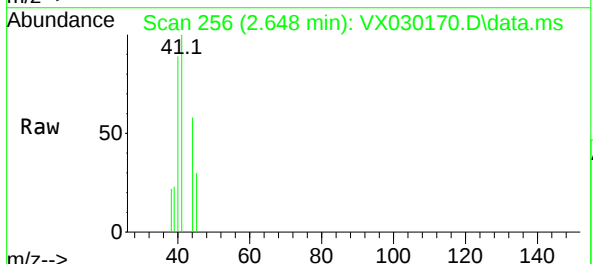
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

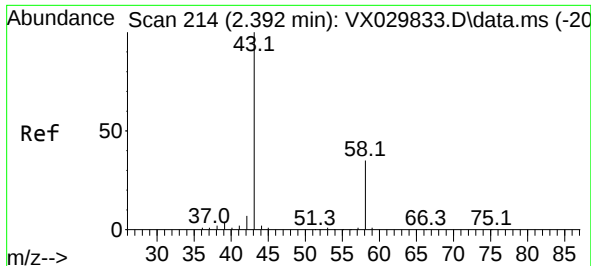
Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 66.3 56.6 84.8



#14
Allyl chloride
Concen: 0.532 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion: 41 Resp: 1588
Ion Ratio Lower Upper
41 100
39 8.6 48.9 73.3#
76 0.0 26.9 40.3#

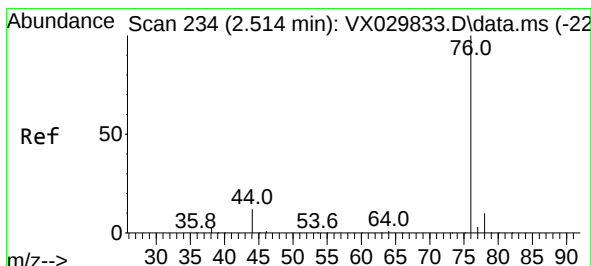
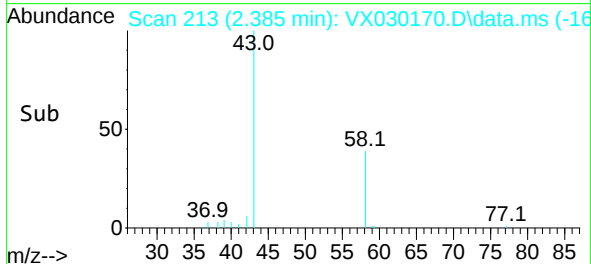
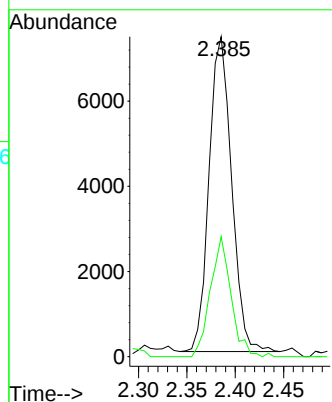
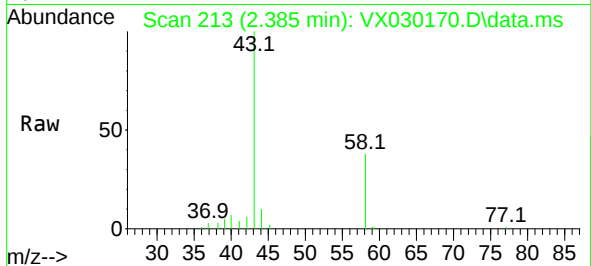




#16
Acetone
Concen: 12.497 ug/l
RT: 2.385 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

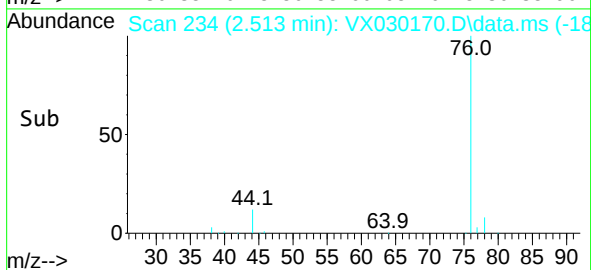
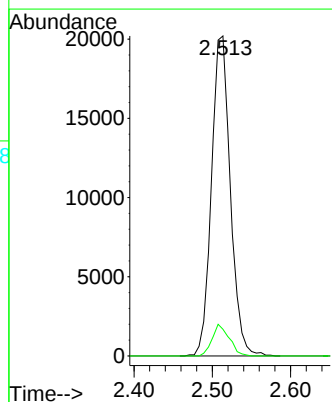
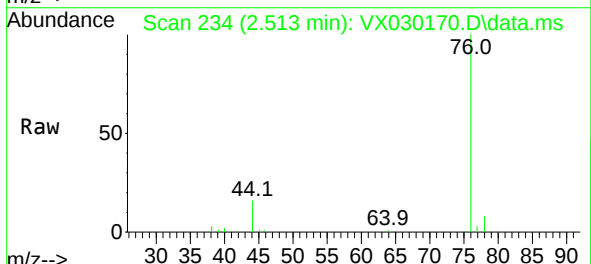
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

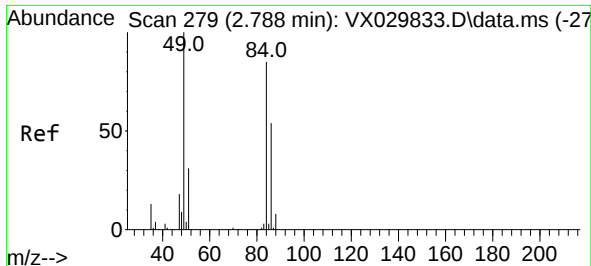
Tgt Ion: 43 Resp: 12021
Ion Ratio Lower Upper
43 100
58 38.1 27.7 41.5



#17
Carbon Disulfide
Concen: 6.738 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

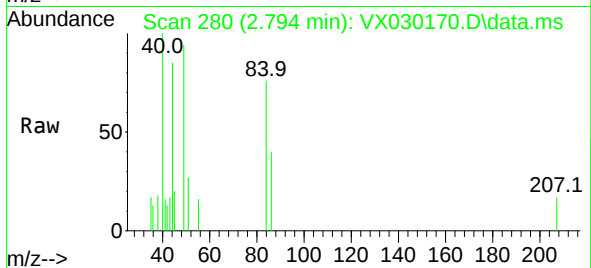
Tgt Ion: 76 Resp: 33775
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.6



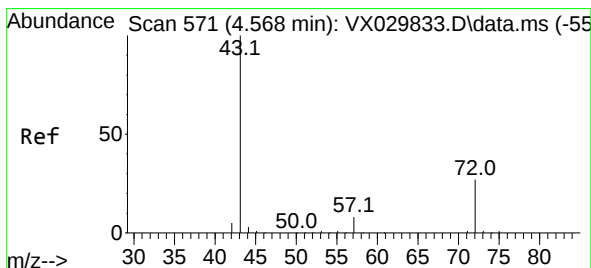
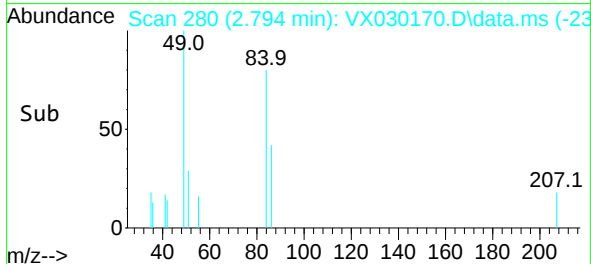
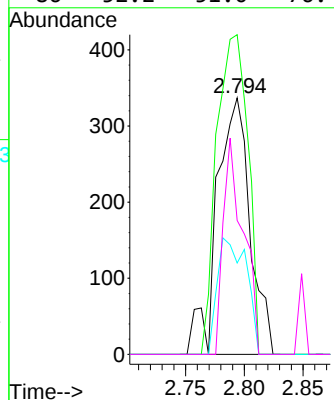


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

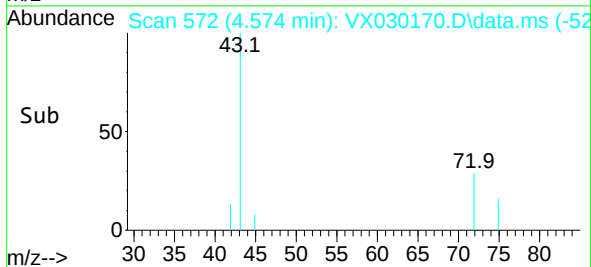
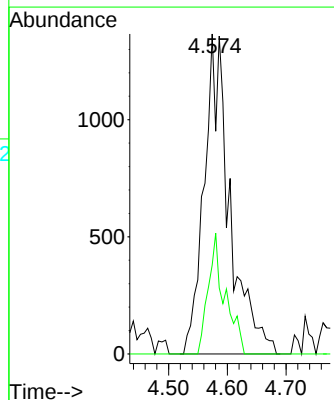
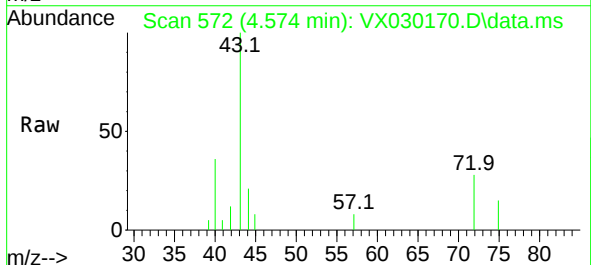


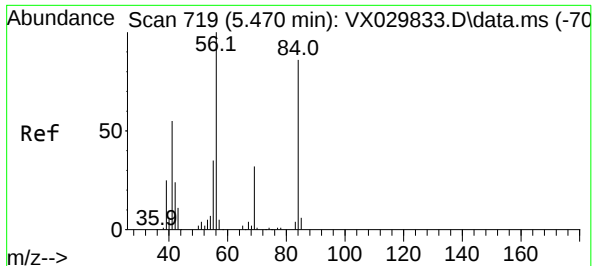
Tgt Ion:	84	Resp:	661
Ion	Ratio	Lower	Upper
84	100		
49	124.6	93.8	140.6
51	35.6	29.4	44.0
86	52.2	51.0	76.4



#25
2-Butanone
Concen: 2.524 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

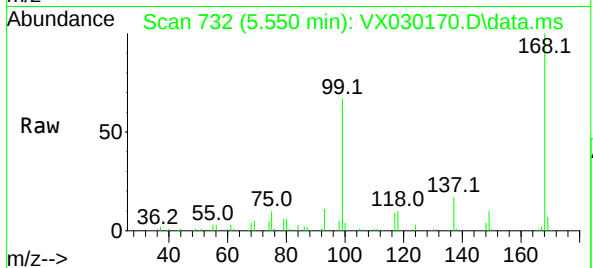
Tgt Ion:	43	Resp:	4136
Ion	Ratio	Lower	Upper
43	100		
72	27.8	21.7	32.5



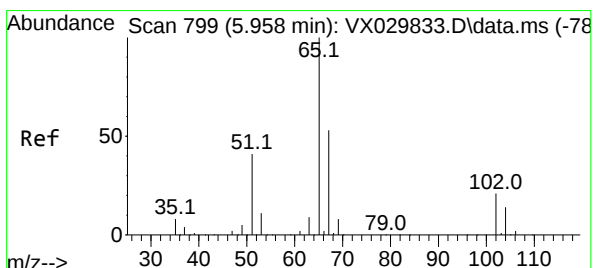
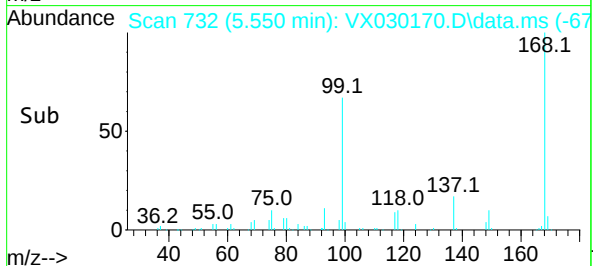
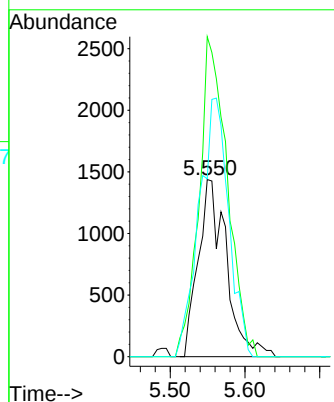


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Instrument :
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ClientSampleId :
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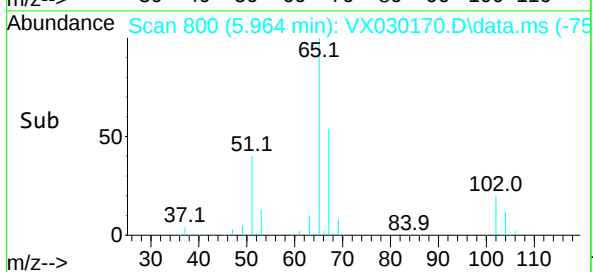
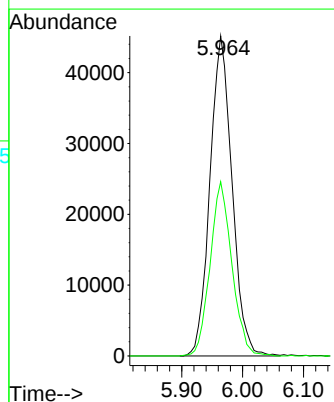
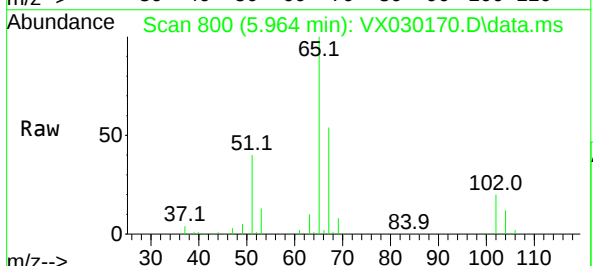


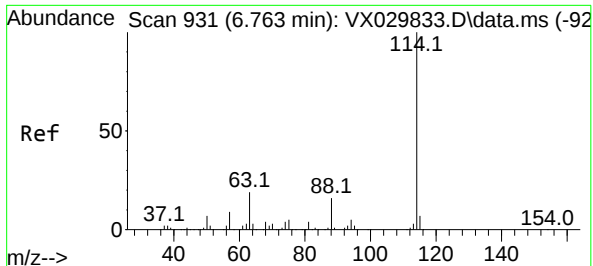
Tgt Ion: 56 Resp: 3761
Ion Ratio Lower Upper
56 100
69 180.7 25.4 38.0#
84 100.5 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 55.765 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion: 65 Resp: 113839
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

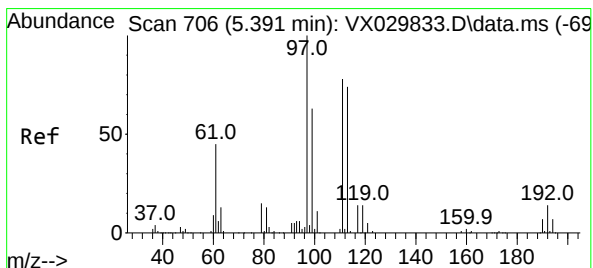
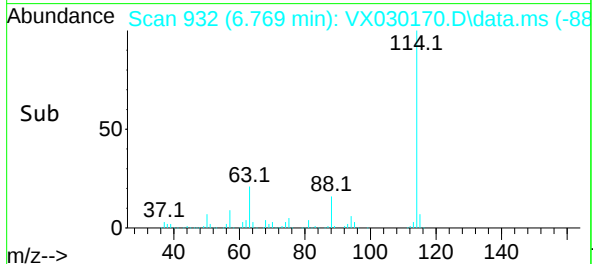
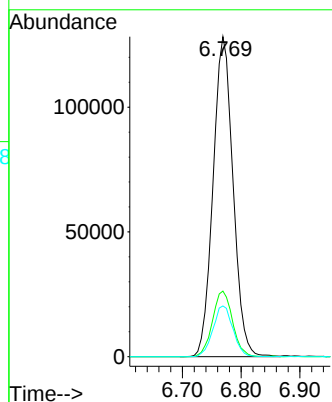
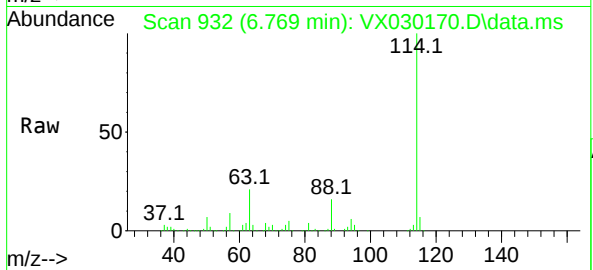




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

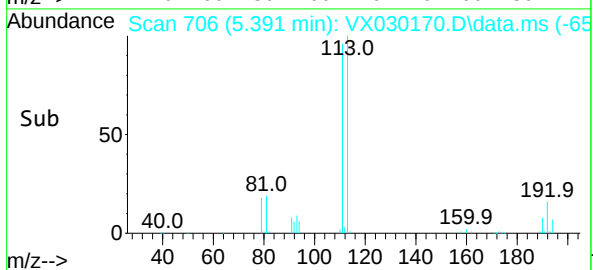
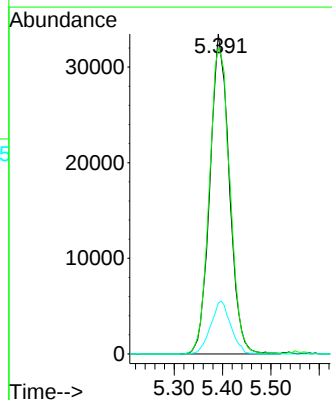
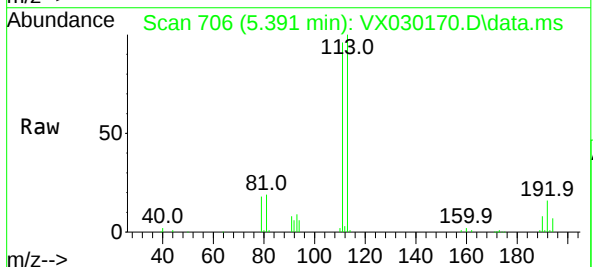
Instrument :
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ClientSampleId :
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Tgt Ion:114 Resp: 302959
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.4
88 15.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion:113 Resp: 93070
Ion Ratio Lower Upper
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111 101.8 83.2 124.8
192 17.2 14.8 22.2

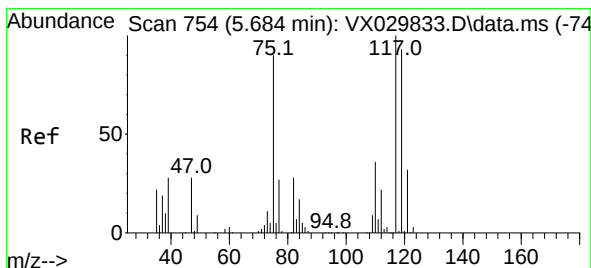
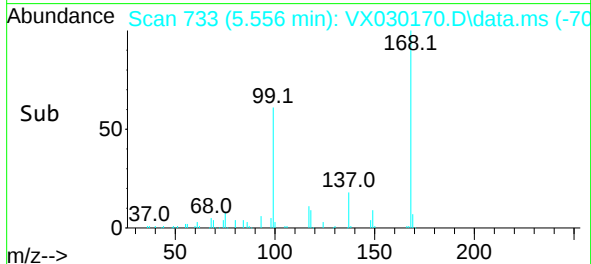
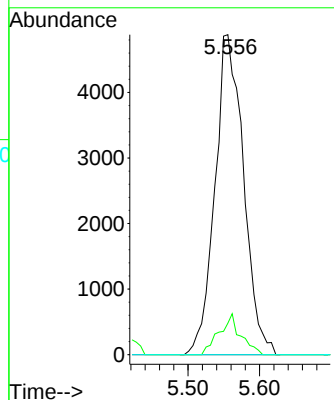
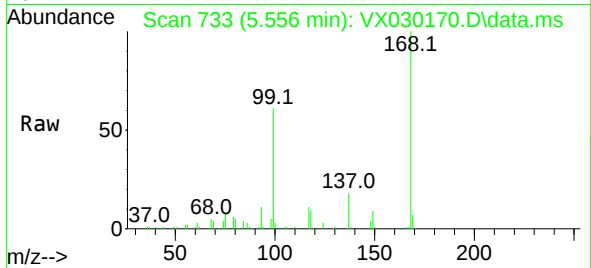




#36
 1,1-Dichloropropene
 Concen: 5.424 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX030170.D
 Acq: 21 Jul 2022 18:26

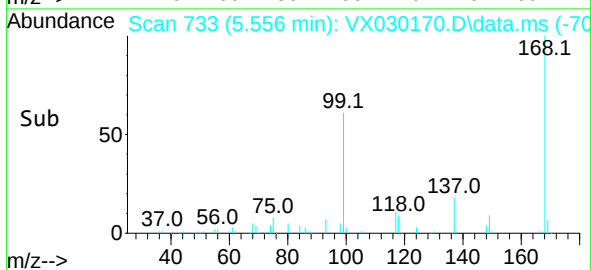
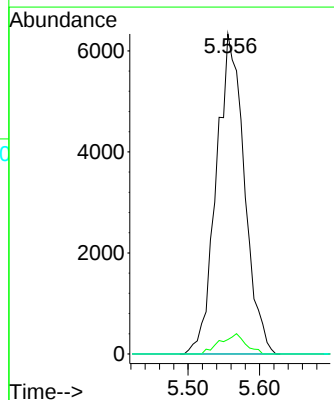
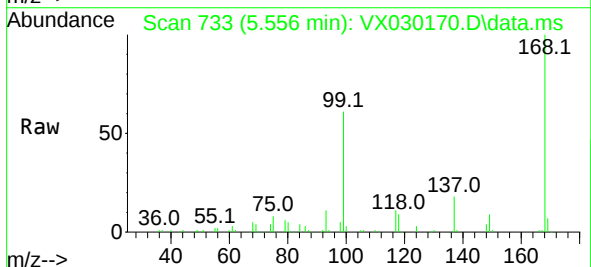
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-07132022

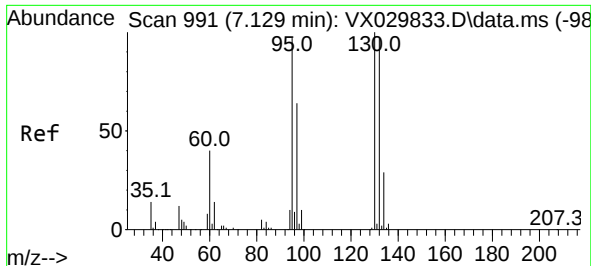
Tgt Ion: 75 Resp: 13559
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.397 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX030170.D
 Acq: 21 Jul 2022 18:26

Tgt Ion: 117 Resp: 17244
 Ion Ratio Lower Upper
 117 100
 119 4.5 74.1 111.1#
 121 0.0 25.8 38.8#

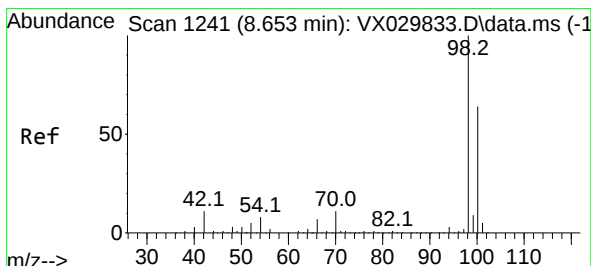
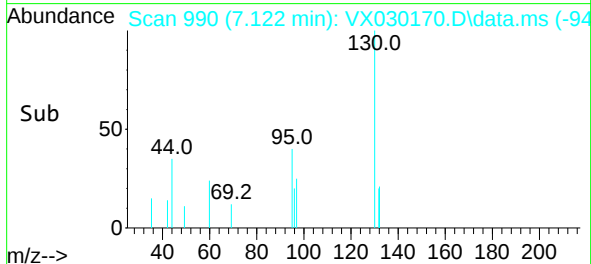
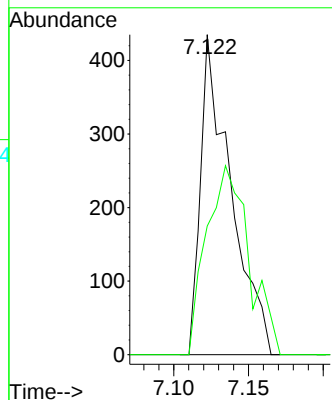
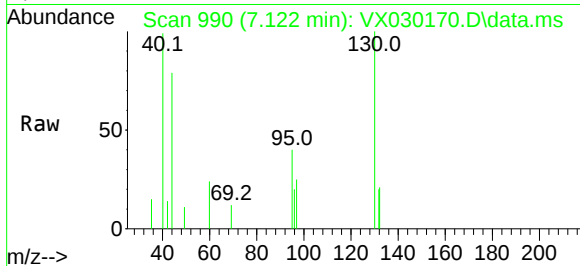




#44
Trichloroethene
Concen: 0.265 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

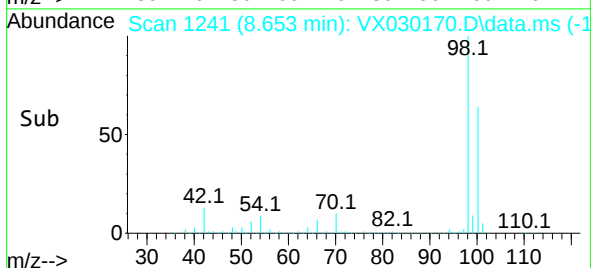
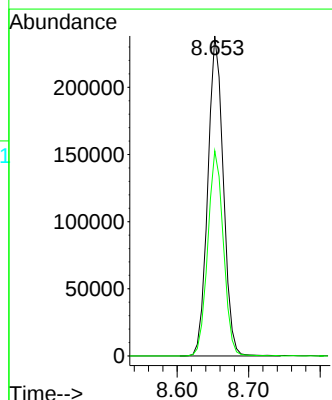
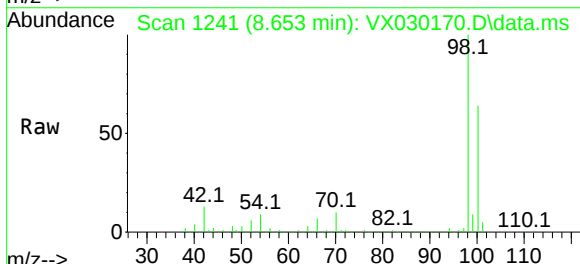
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

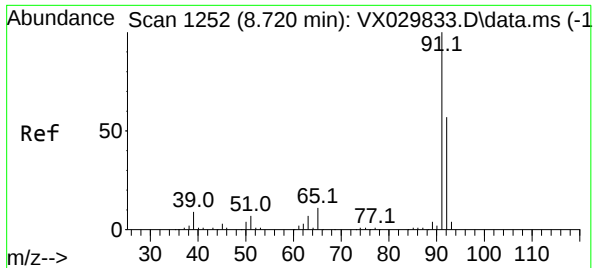
Tgt Ion:130 Resp: 610
Ion Ratio Lower Upper
130 100
95 40.2 0.0 194.8



#50
Toluene-d8
Concen: 49.231 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion: 98 Resp: 358355
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5





#52

Toluene

Concen: 0.248 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030170.D

Acq: 21 Jul 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

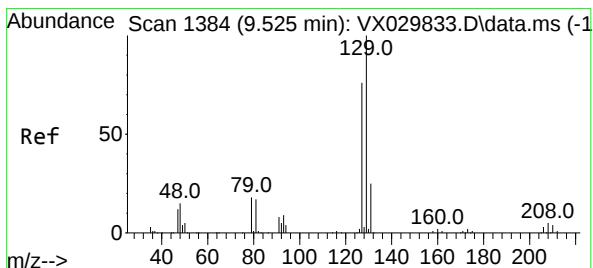
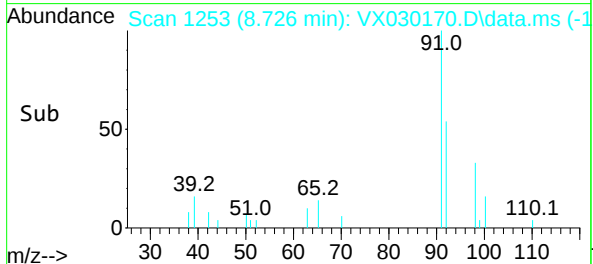
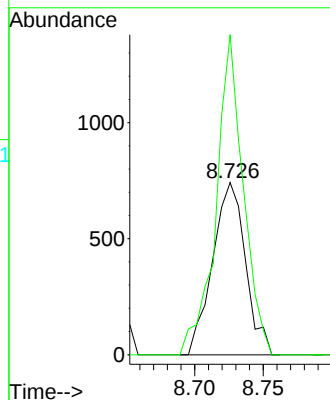
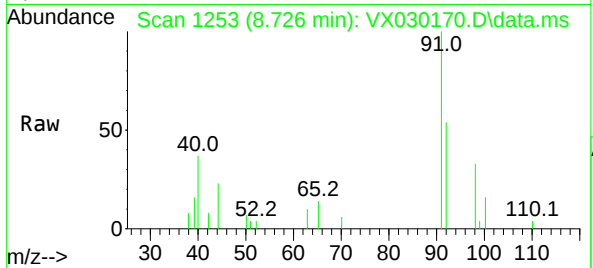
EB-04-07132022

Tgt Ion: 92 Resp: 1238

Ion Ratio Lower Upper

92 100

91 154.1 139.2 208.8



#60

Dibromochloromethane

Concen: 1.544 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX030170.D

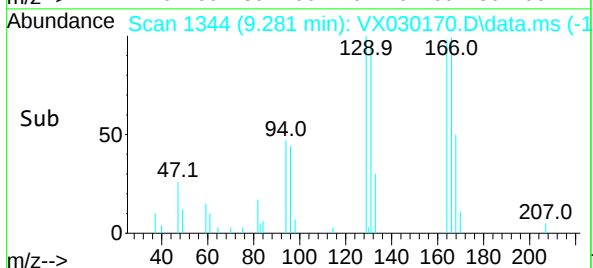
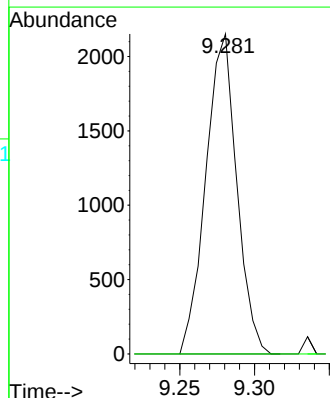
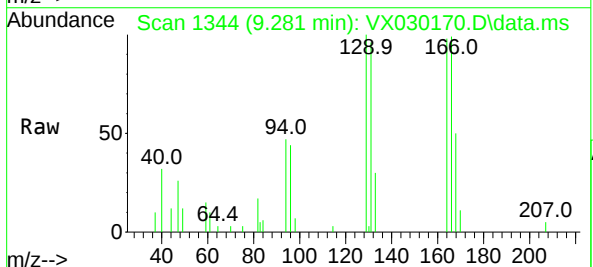
Acq: 21 Jul 2022 18:26

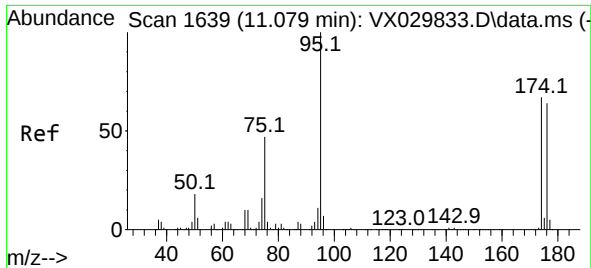
Tgt Ion: 129 Resp: 3100

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

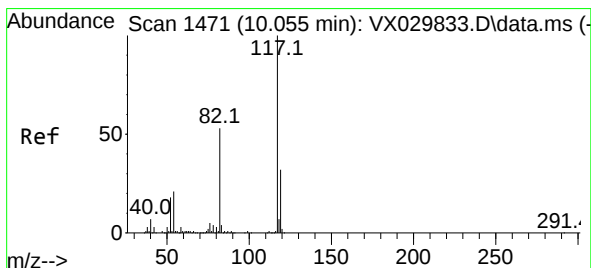
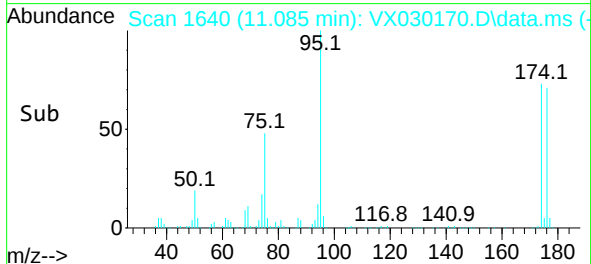
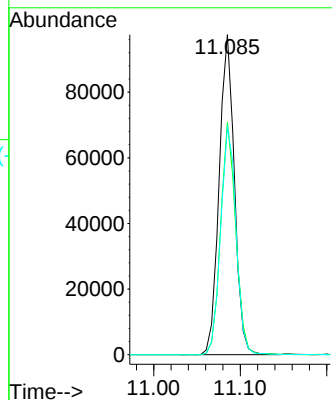
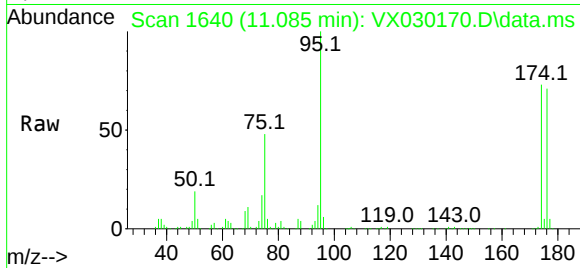




#62
4-Bromofluorobenzene
Concen: 47.213 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

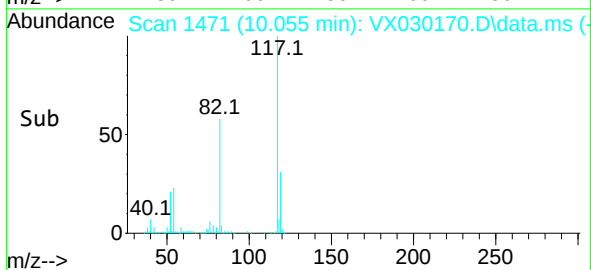
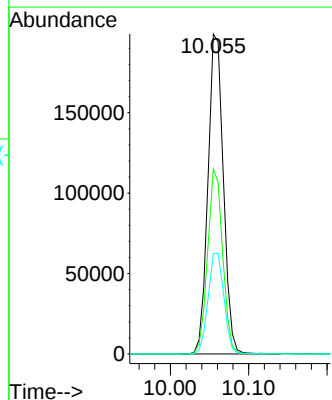
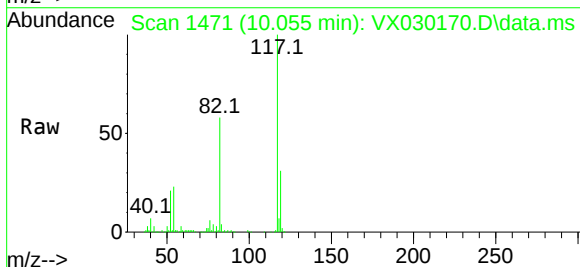
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

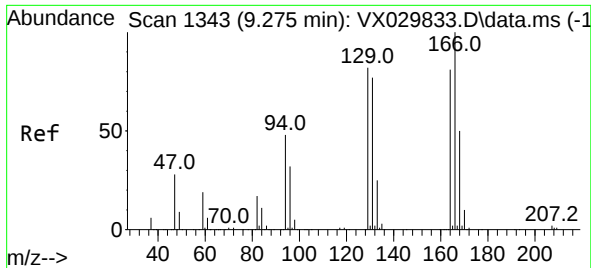
Tgt Ion: 95 Resp: 119260
Ion Ratio Lower Upper
95 100
174 72.2 0.0 149.0
176 72.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion: 117 Resp: 271306
Ion Ratio Lower Upper
117 100
82 57.8 42.7 64.1
119 31.3 25.4 38.2





#64

Tetrachloroethene

Concen: 1.452 ug/l

RT: 9.281 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030170.D

Acq: 21 Jul 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

EB-04-07132022

Tgt Ion:164 Resp: 3162

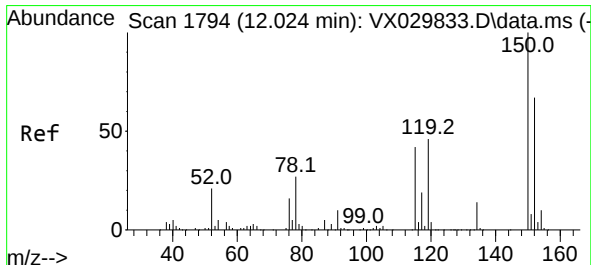
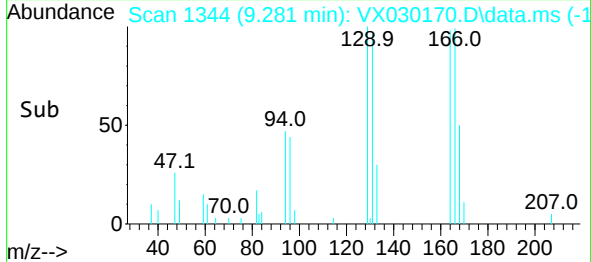
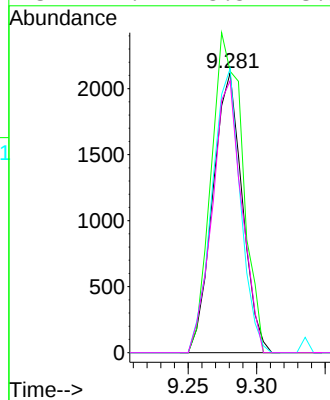
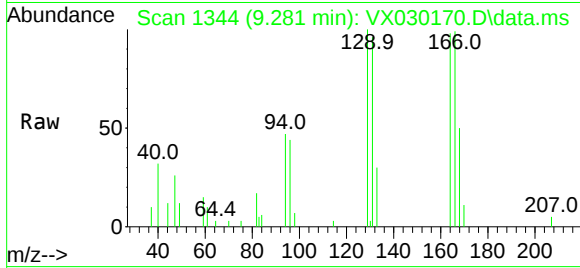
Ion Ratio Lower Upper

164 100

166 100.7 98.2 147.4

129 101.6 80.8 121.2

131 97.2 75.5 113.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX030170.D

Acq: 21 Jul 2022 18:26

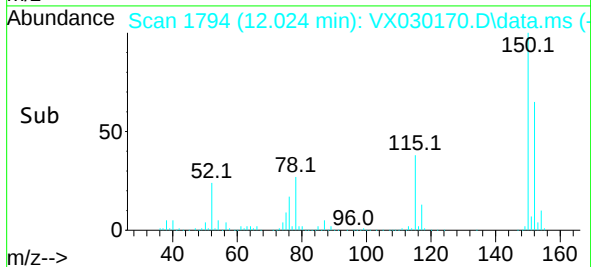
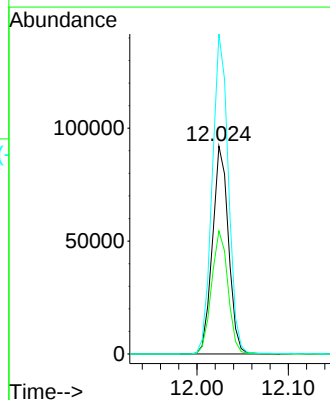
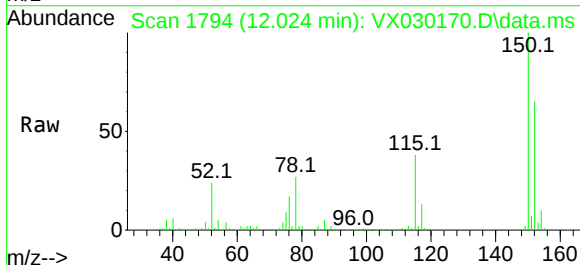
Tgt Ion:152 Resp: 111944

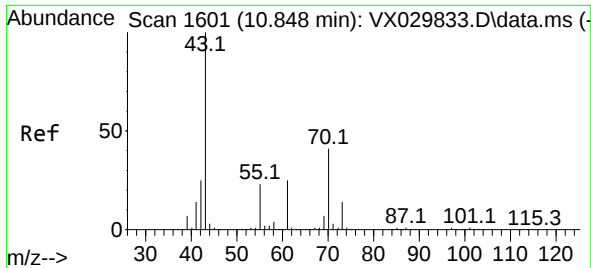
Ion Ratio Lower Upper

152 100

115 60.5 40.5 121.5

150 155.3 0.0 347.0

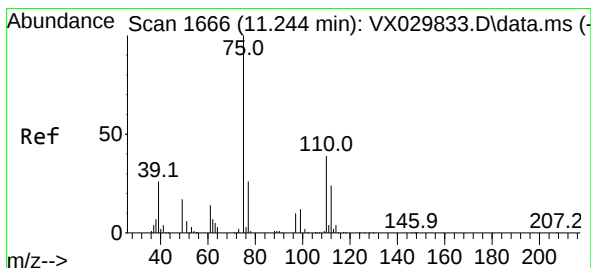
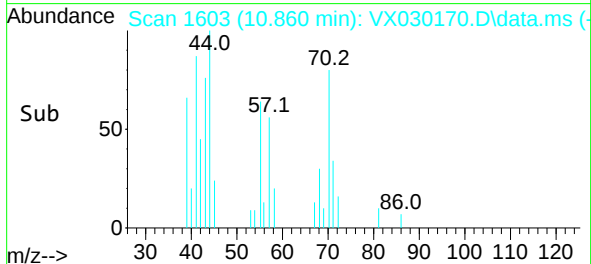
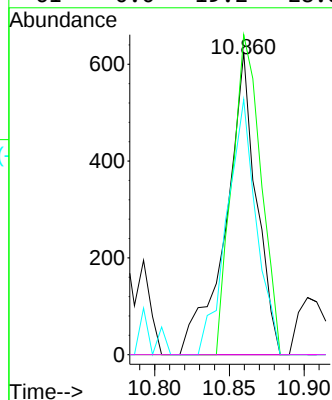
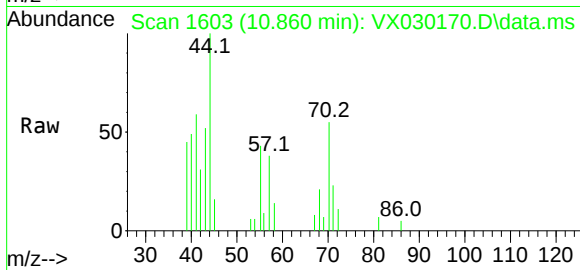




#74
N-amy1 acetate
Concen: 0.258 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

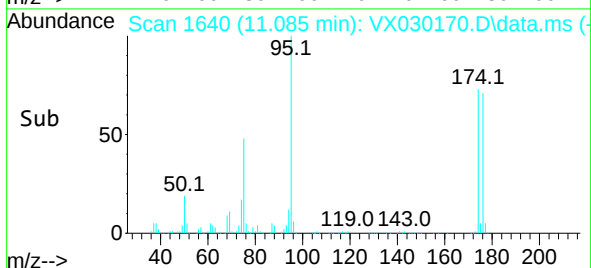
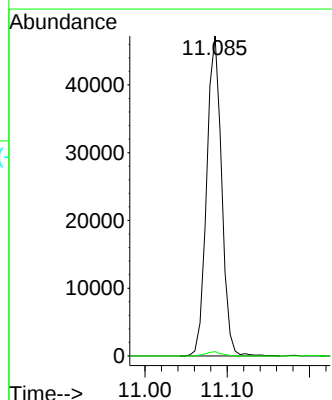
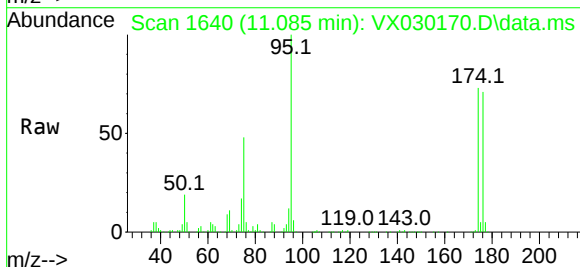
Instrument :
MSVOA_X
ClientSampleId :
EB-04-07132022

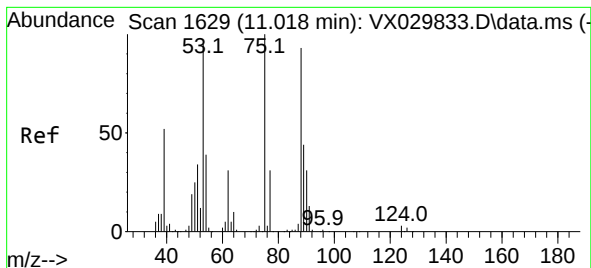
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
70 99.9 32.3 48.5#
55 81.9 18.4 27.6#
61 0.0 19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 23.101 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030170.D
Acq: 21 Jul 2022 18:26

Tgt Ion: 75 Resp: 59458
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#

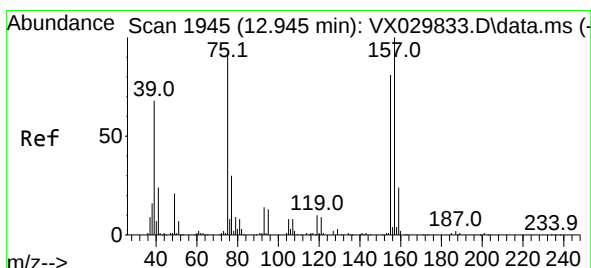
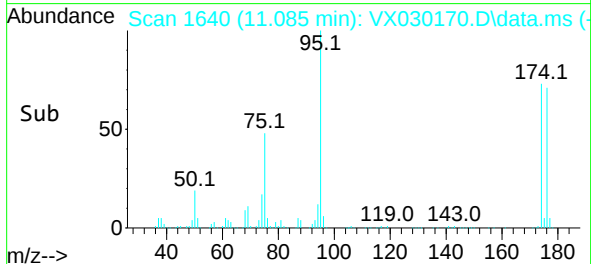
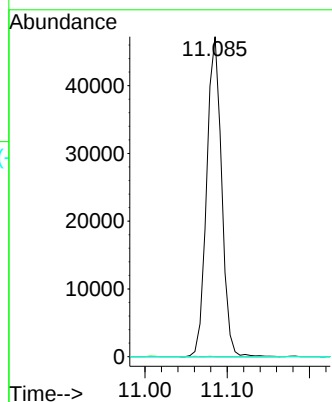
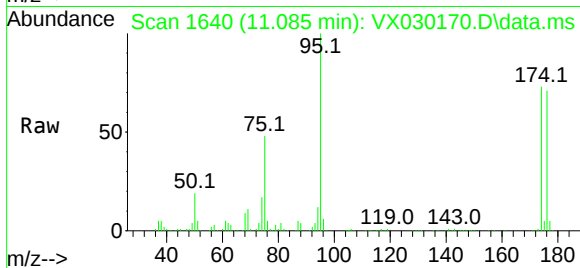




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.669 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030170.D
 Acq: 21 Jul 2022 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-04-07132022

Tgt Ion: 75 Resp: 59458
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.344 ug/l
 RT: 12.908 min Scan# 1939
 Delta R.T. -0.037 min
 Lab File: VX030170.D
 Acq: 21 Jul 2022 18:26

Tgt Ion: 75 Resp: 221
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.0 134.8#
 157 0.0 56.9 170.7#

