

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030041.D
 Acq On : 13 Jul 2022 13:44
 Operator : JC/MD
 Sample : N3695-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-07052022

Quant Time: Jul 14 04:55:38 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)

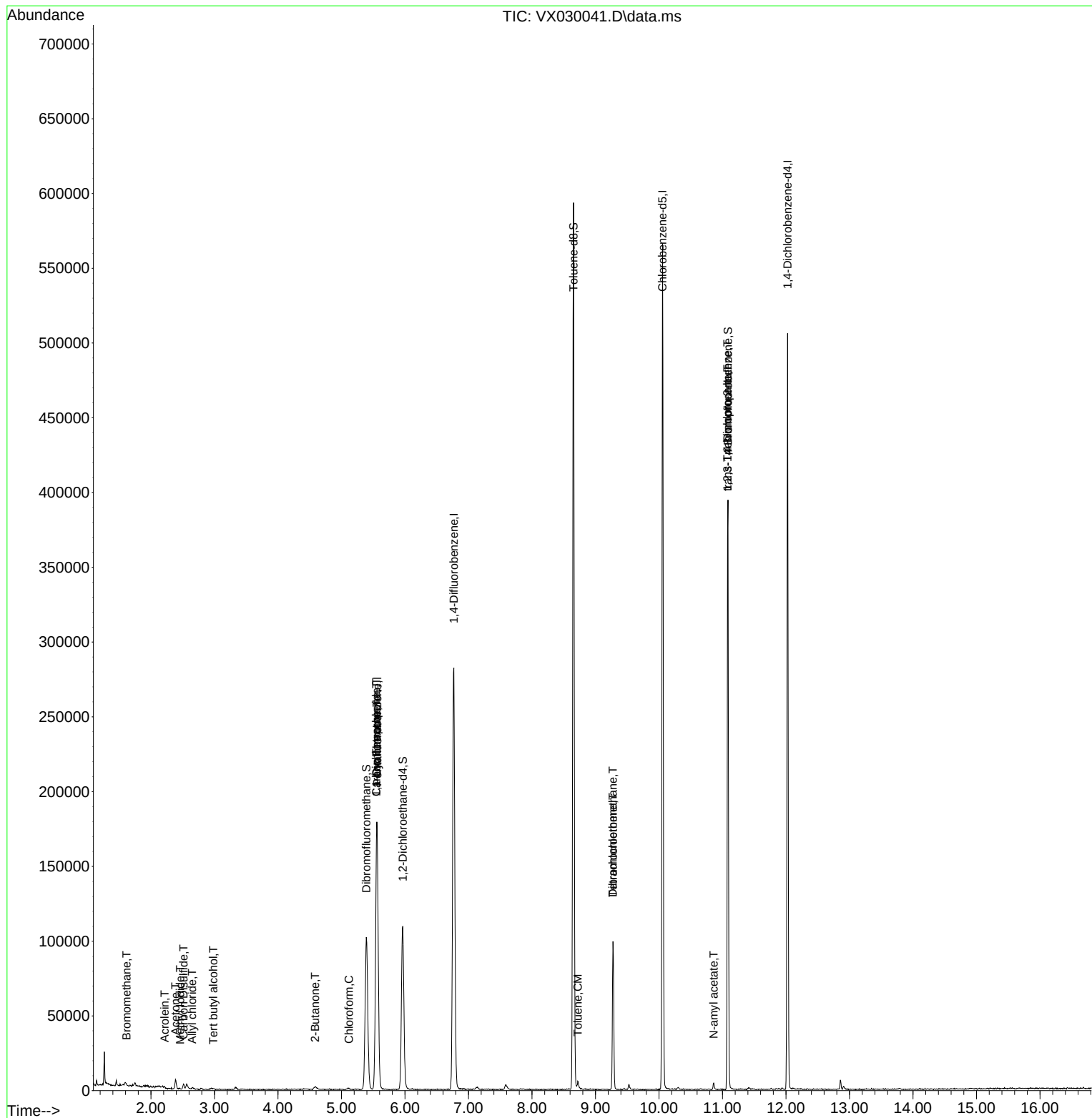
Internal Standards						
1) Pentafluorobenzene	5.562	168	179653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99528	45.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.040%		
35) Dibromofluoromethane	5.391	113	91886	46.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.280%		
50) Toluene-d8	8.653	98	350587	47.314	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.620%		
62) 4-Bromofluorobenzene	11.085	95	109069	42.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	30	Below Cal	#	1
5) Bromomethane	1.618	94	222	0.251	ug/l	90
10) Methyl Iodide	2.459	142	230	2.529	ug/l #	74
11) Tert butyl alcohol	2.983	59	665	1.178	ug/l #	74
13) Acrolein	2.215	56	28	0.249	ug/l #	39
14) Allyl chloride	2.648	41	1151	0.360	ug/l #	72
16) Acetone	2.386	43	7011	6.804	ug/l #	87
17) Carbon Disulfide	2.514	76	3911	0.390	ug/l	97
20) Methylene Chloride	2.788	84	353	Below Cal	#	61
25) 2-Butanone	4.587	43	2849	1.623	ug/l #	76
30) Chloroform	5.117	83	1044	0.302	ug/l	97
31) Cyclohexane	5.556	56	3710	1.170	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13585	5.338	ug/l #	47
38) Carbon Tetrachloride	5.550	117	16760	7.062	ug/l #	17
52) Toluene	8.720	92	1993	0.392	ug/l	84
60) Dibromochloromethane	9.275	129	18256	8.934	ug/l #	11
64) Tetrachloroethene	9.275	164	18944	9.075	ug/l	95
74) N-amyl acetate	10.860	43	672	0.215	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50469	21.455	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50469	61.918	ug/l #	12

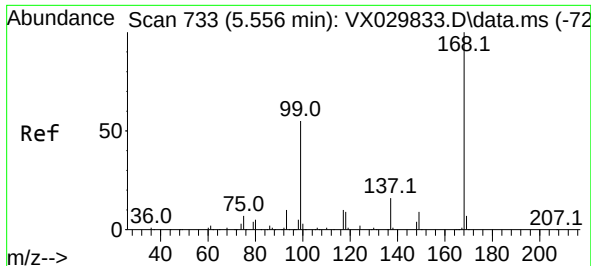
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 14 04:55:38 2022
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Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

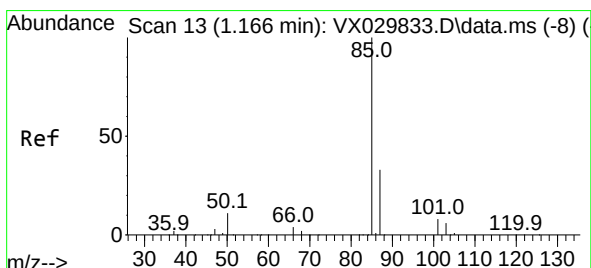
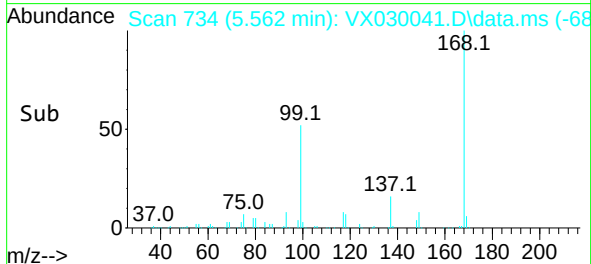
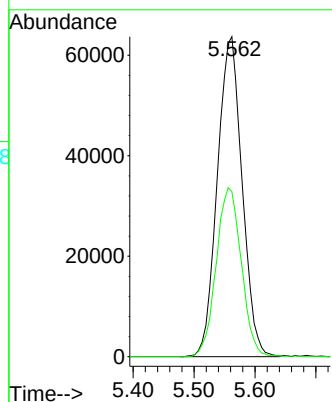
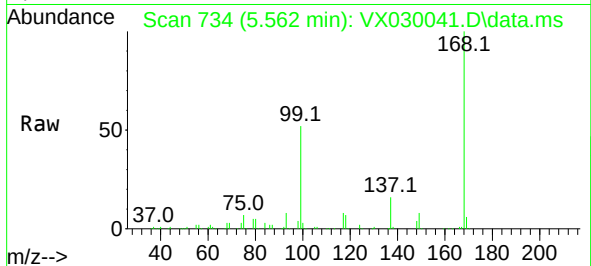




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

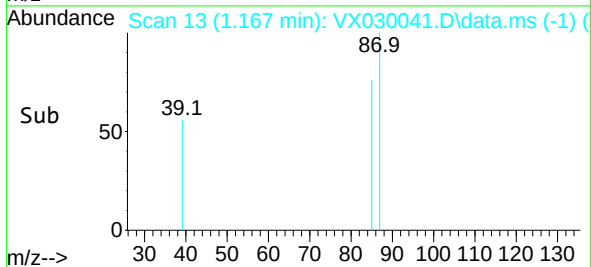
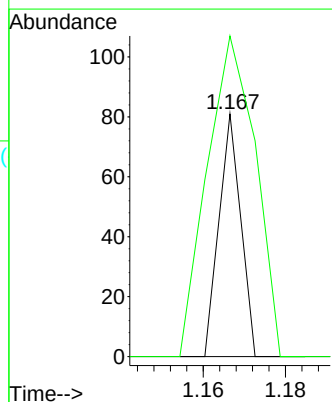
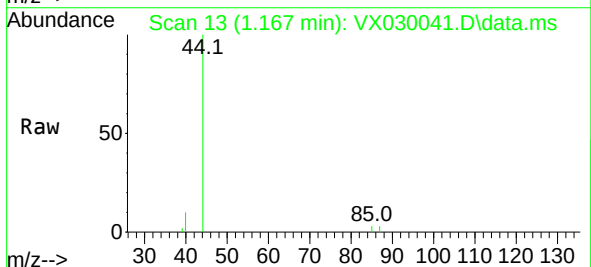
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

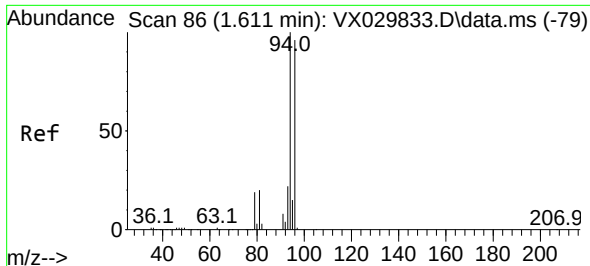
Tgt Ion:168 Resp: 179653
Ion Ratio Lower Upper
168 100
99 51.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion: 85 Resp: 30
Ion Ratio Lower Upper
85 100
87 132.1 16.5 49.5#

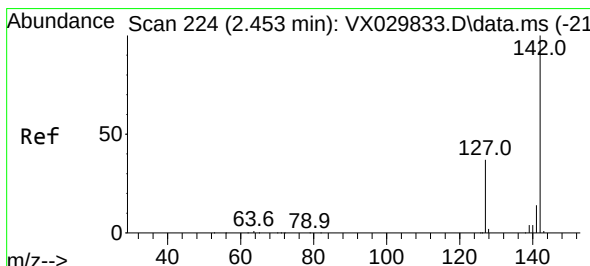
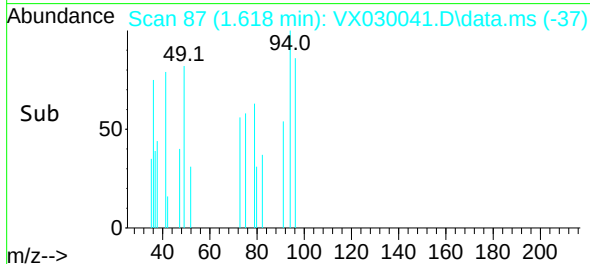
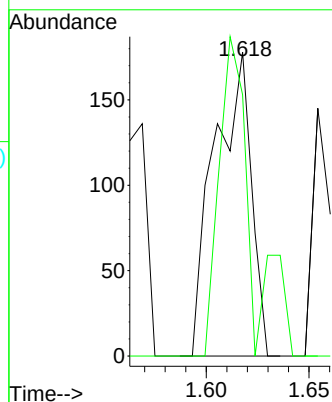
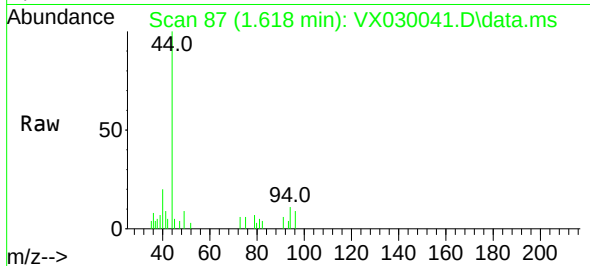




#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

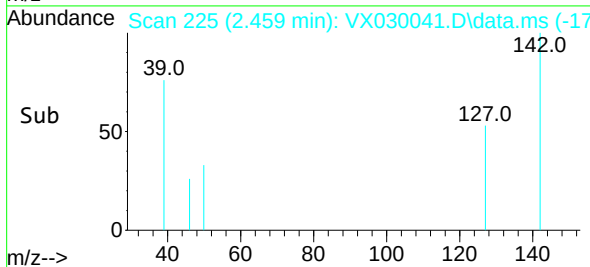
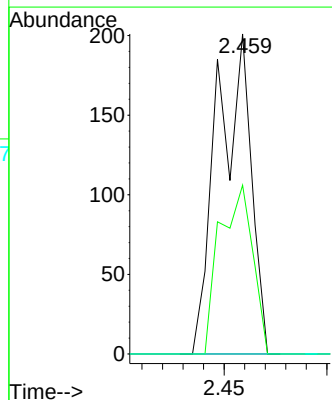
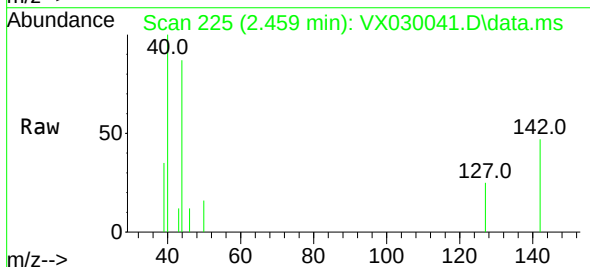
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

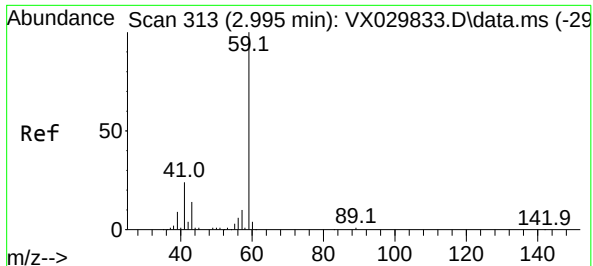
Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 86.0 76.9 115.3



#10
Methyl Iodide
Concen: 2.529 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion: 142 Resp: 230
Ion Ratio Lower Upper
142 100
127 51.3 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 1.178 ug/l

RT: 2.983 min Scan# 311

Delta R.T. -0.012 min

Lab File: VX030041.D

Acq: 13 Jul 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

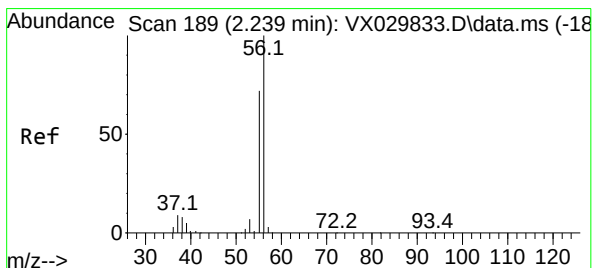
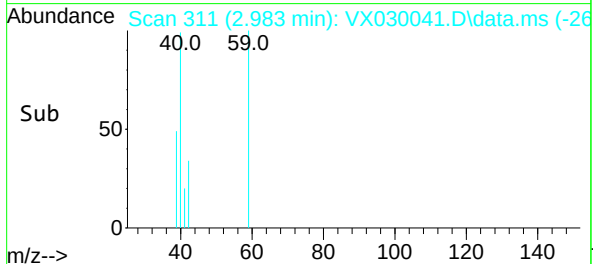
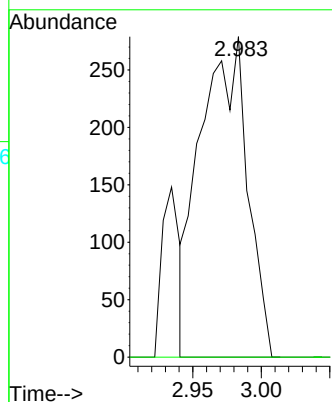
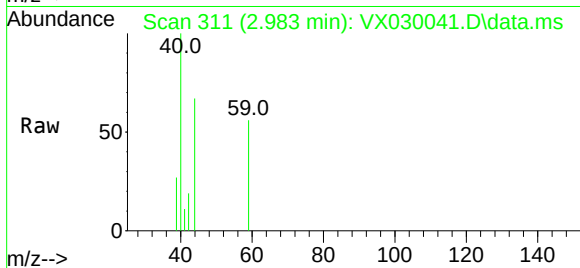
EB-01-07052022

Tgt Ion: 59 Resp: 665

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 0.249 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX030041.D

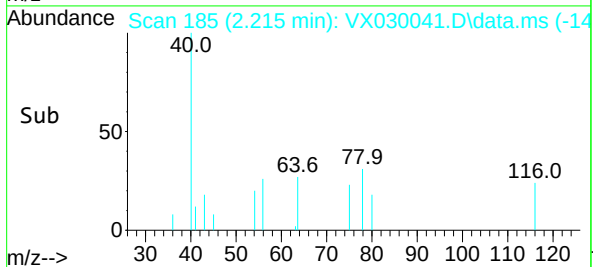
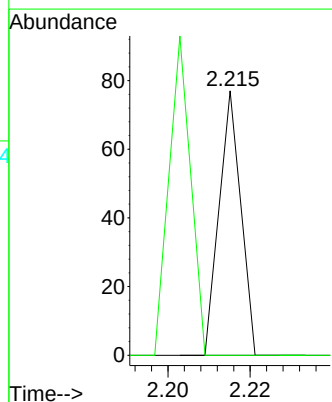
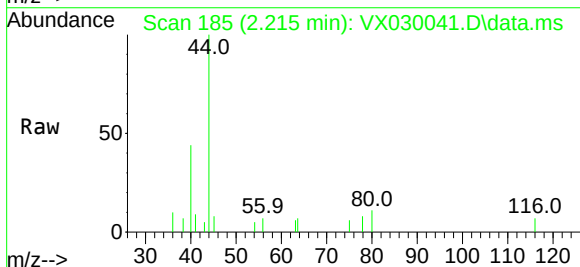
Acq: 13 Jul 2022 13:44

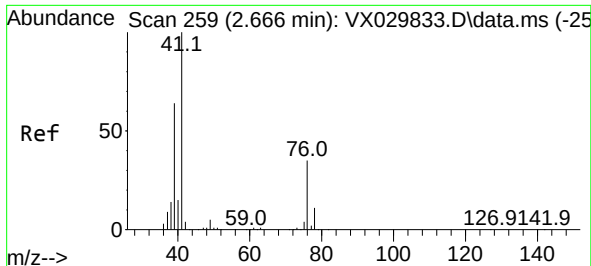
Tgt Ion: 56 Resp: 28

Ion Ratio Lower Upper

56 100

55 121.4 56.6 84.8#

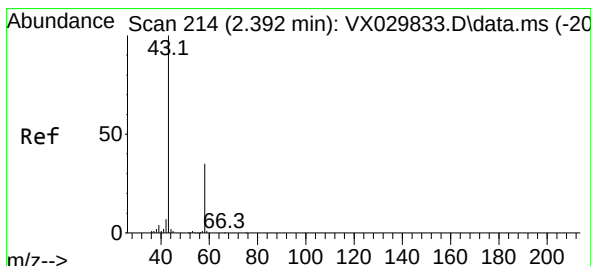
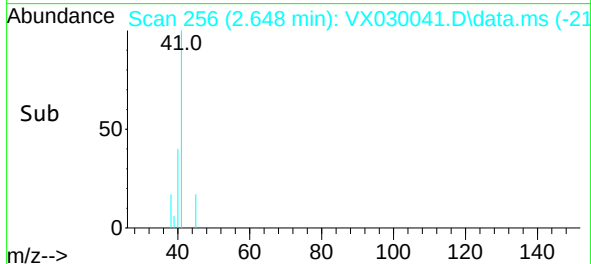
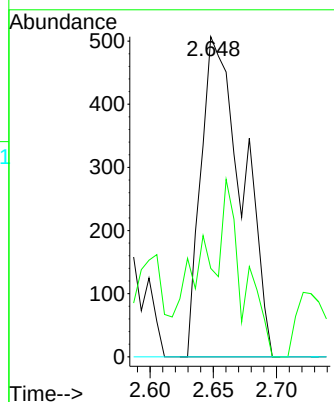
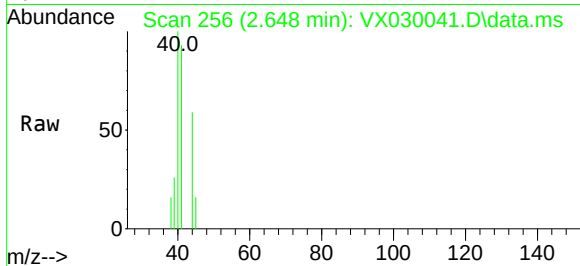




#14
 Allyl chloride
 Concen: 0.360 ug/l
 RT: 2.648 min Scan# 215
 Delta R.T. -0.018 min
 Lab File: VX030041.D
 Acq: 13 Jul 2022 13:44

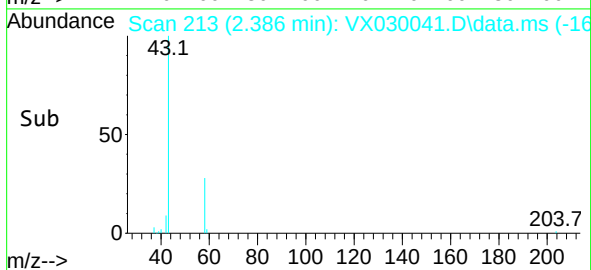
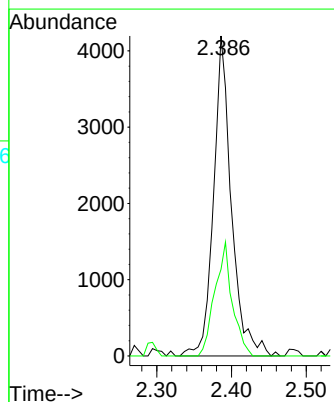
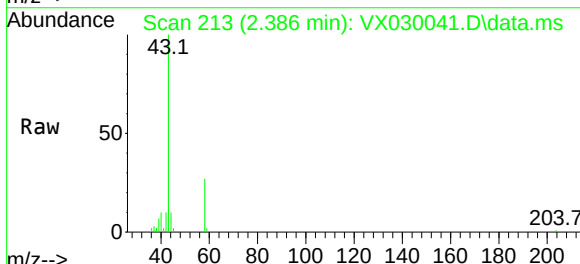
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-07052022

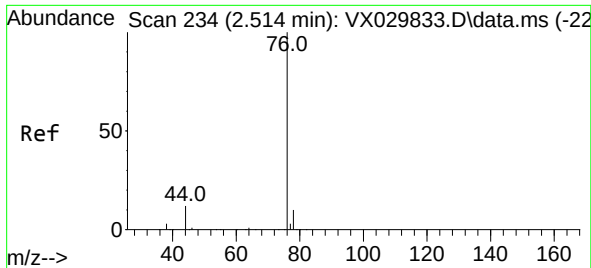
Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.3	48.9	73.3
76	0.0	26.9	40.3



#16
 Acetone
 Concen: 6.804 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX030041.D
 Acq: 13 Jul 2022 13:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.1	27.7	41.5

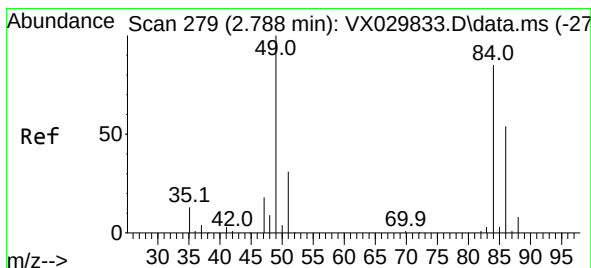
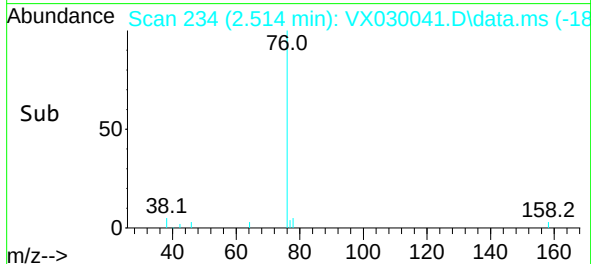
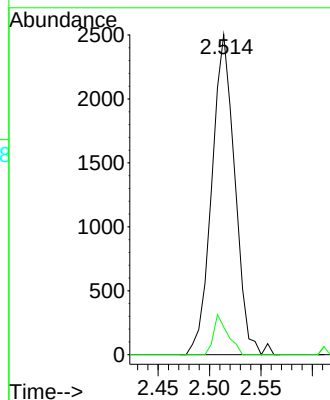
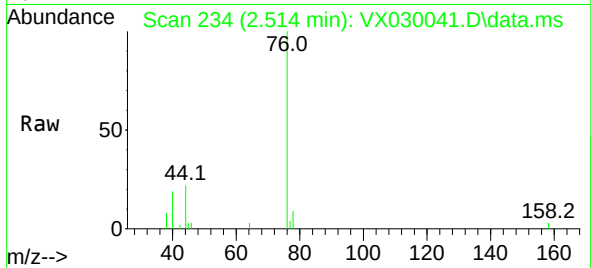




#17
Carbon Disulfide
Concen: 0.390 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

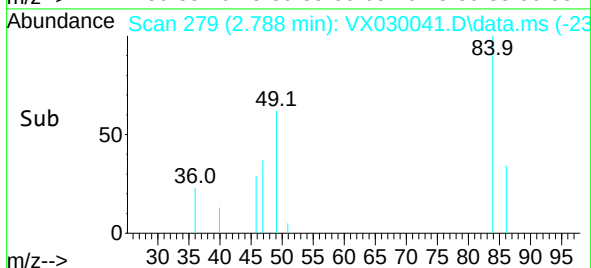
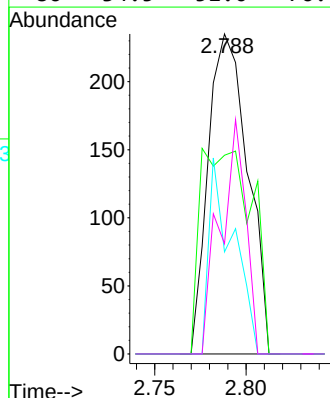
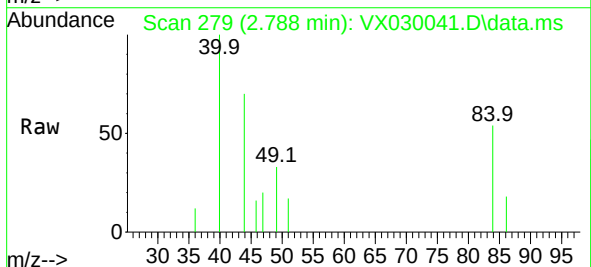
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

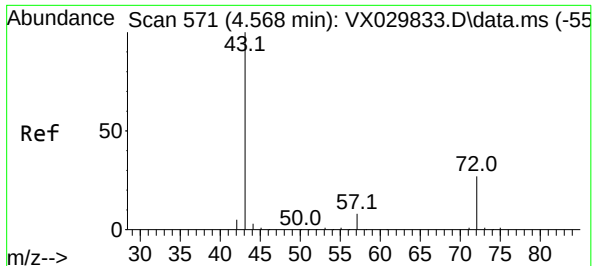
Tgt Ion: 76 Resp: 3911
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion: 84 Resp: 353
Ion Ratio Lower Upper
84 100
49 62.1 93.8 140.6#
51 31.9 29.4 44.0
86 34.5 51.0 76.4#

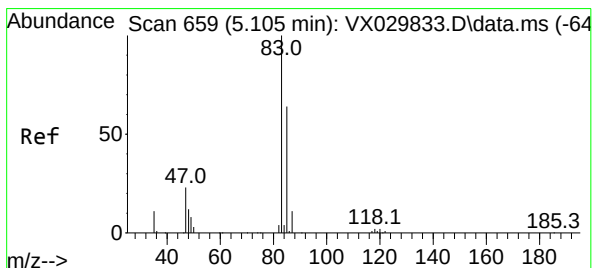
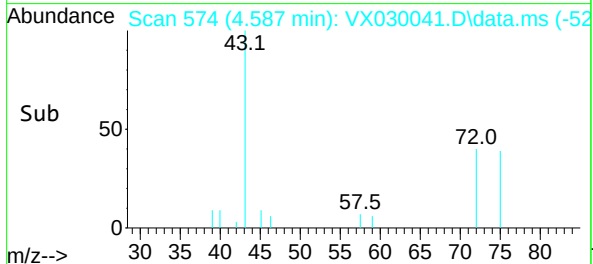
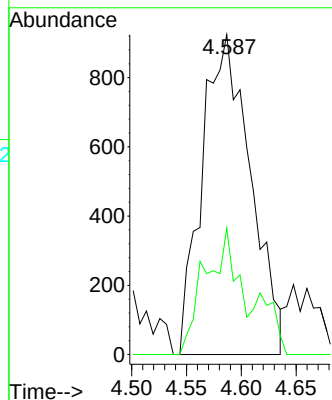
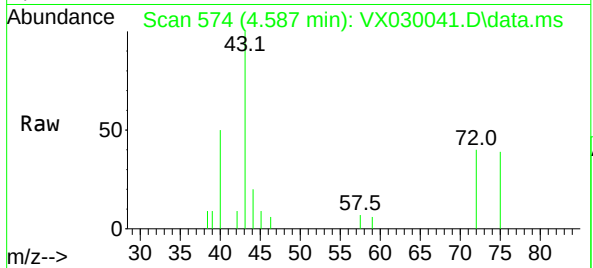




#25
2-Butanone
Concen: 1.623 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.019 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

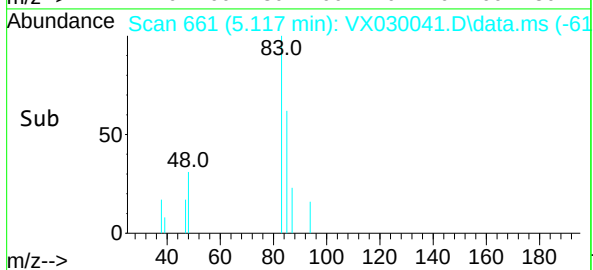
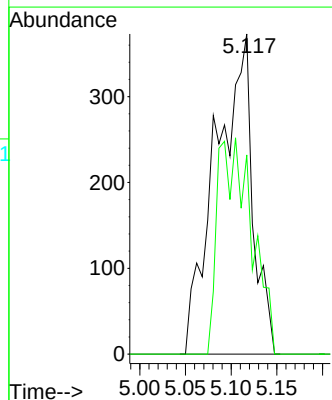
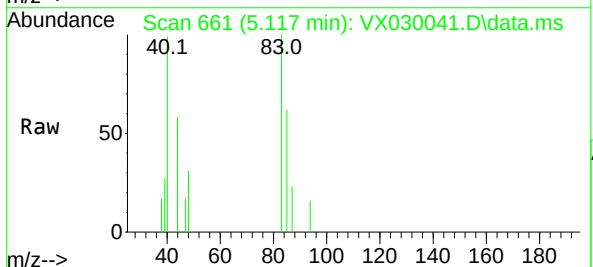
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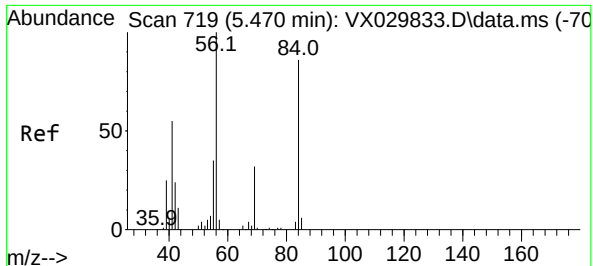
Tgt Ion: 43 Resp: 2849
Ion Ratio Lower Upper
43 100
72 39.5 21.7 32.5#



#30
Chloroform
Concen: 0.302 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

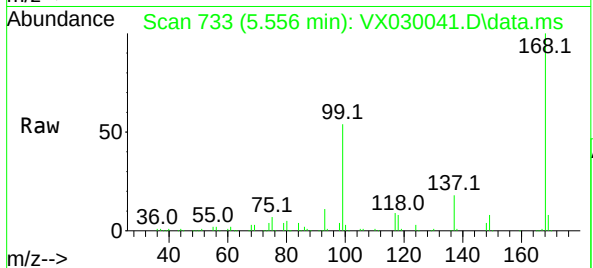
Tgt Ion: 83 Resp: 1044
Ion Ratio Lower Upper
83 100
85 62.2 51.5 77.3



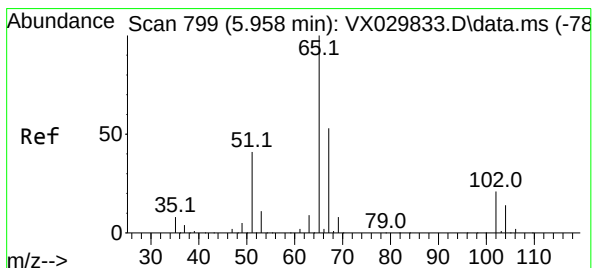
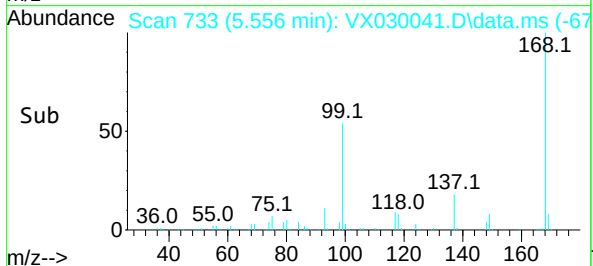
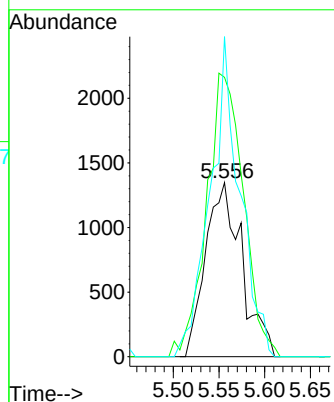


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

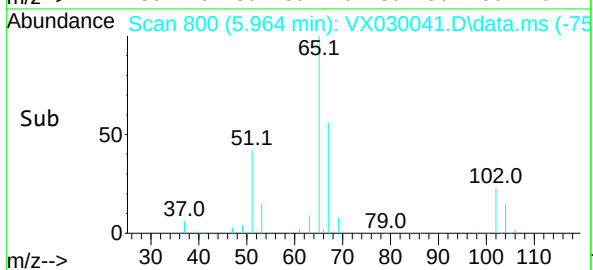
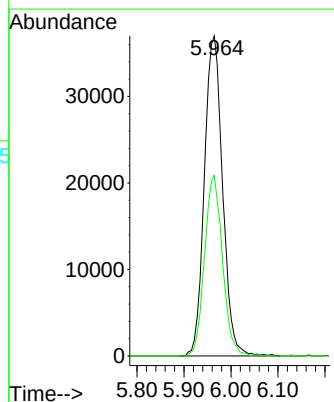
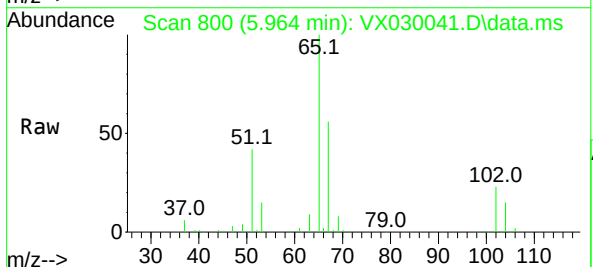


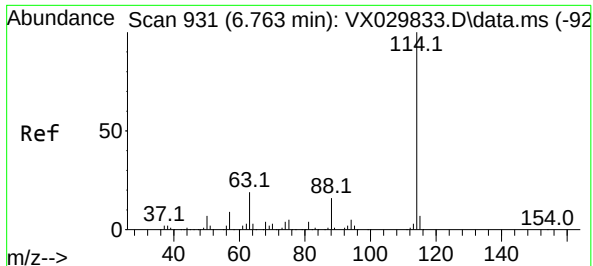
Tgt Ion: 56 Resp: 3710
Ion Ratio Lower Upper
56 100
69 160.5 25.4 38.0#
84 183.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.515 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion: 65 Resp: 99528
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6

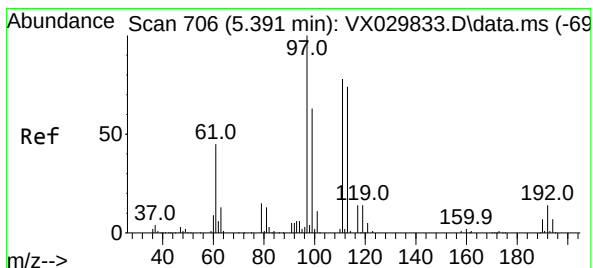
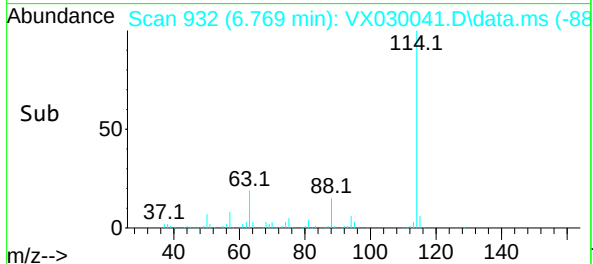
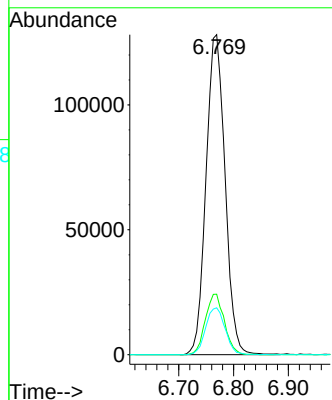
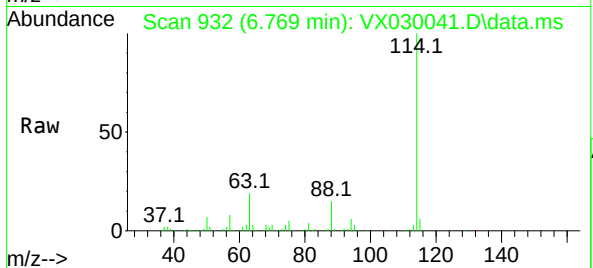




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

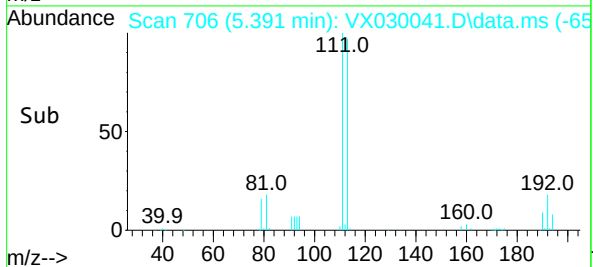
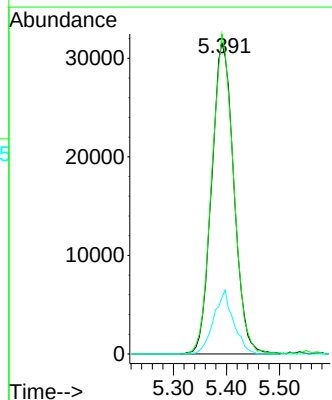
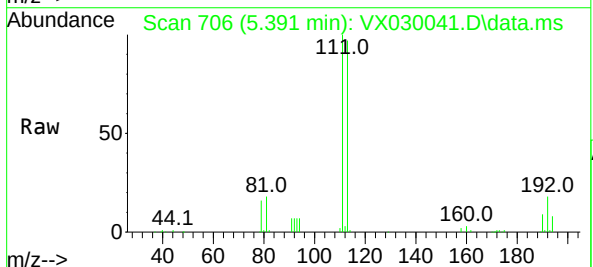
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

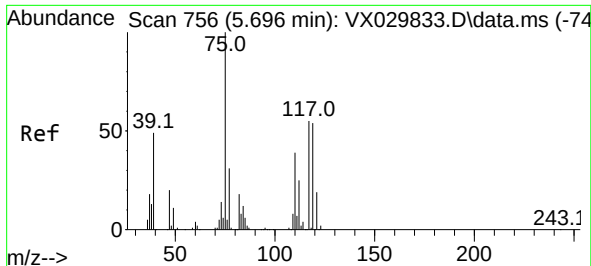
Tgt Ion:114 Resp: 308400
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.639 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion:113 Resp: 91886
Ion Ratio Lower Upper
113 100
111 101.0 83.2 124.8
192 18.3 14.8 22.2

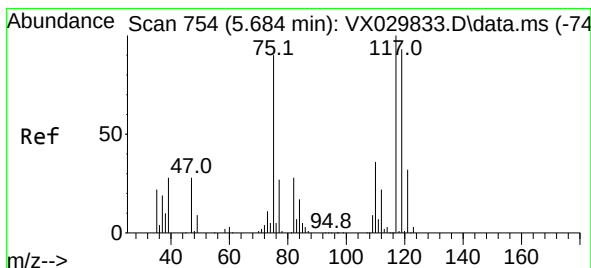
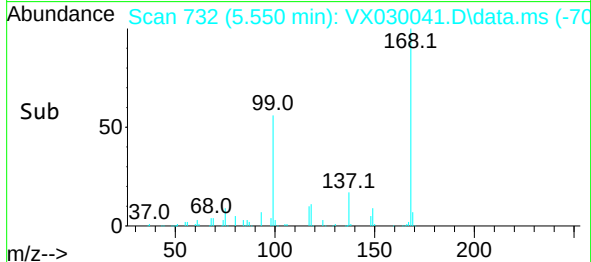
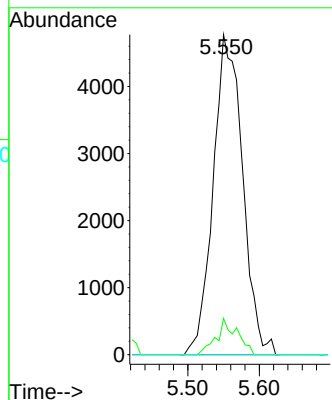
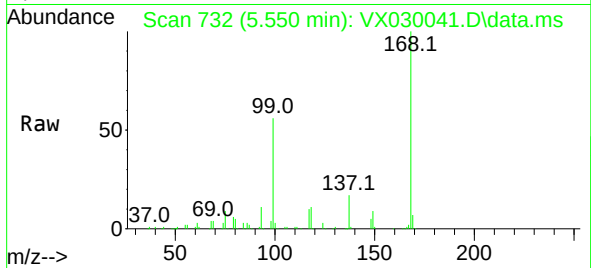




#36
1,1-Dichloropropene
Concen: 5.338 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

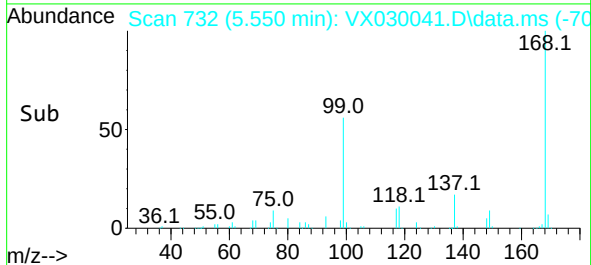
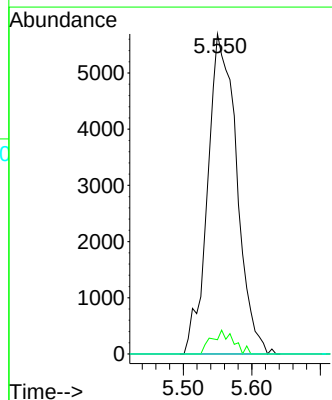
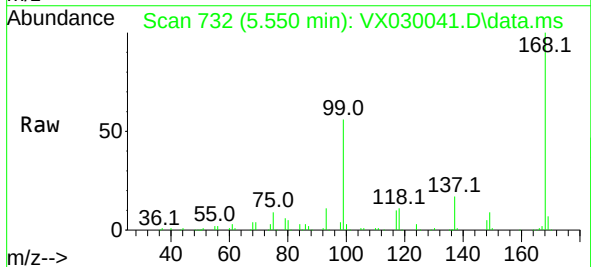
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

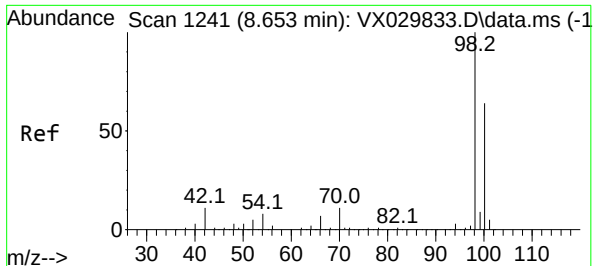
Tgt Ion: 75 Resp: 13585
Ion Ratio Lower Upper
75 100
110 8.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.062 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion: 117 Resp: 16760
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#





#50

Toluene-d8

Concen: 47.314 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030041.D

Acq: 13 Jul 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

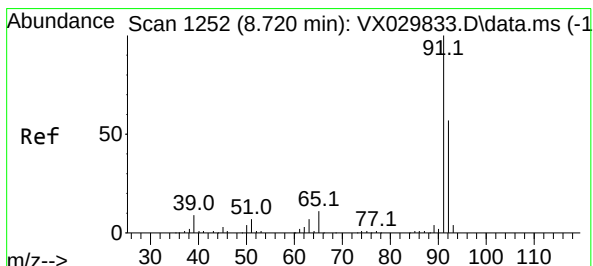
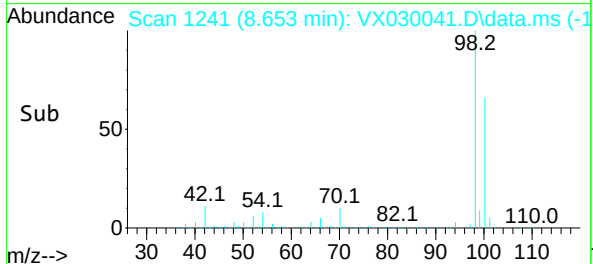
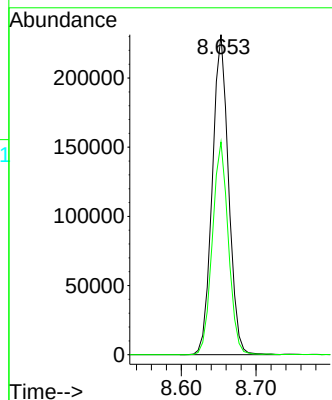
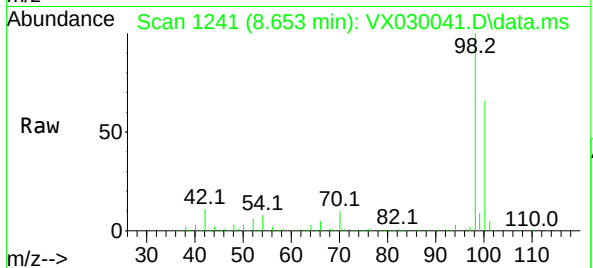
EB-01-07052022

Tgt Ion: 98 Resp: 350587

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#52

Toluene

Concen: 0.392 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030041.D

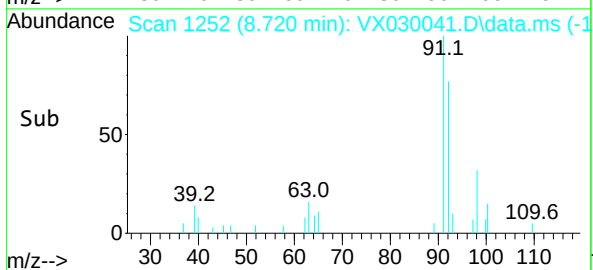
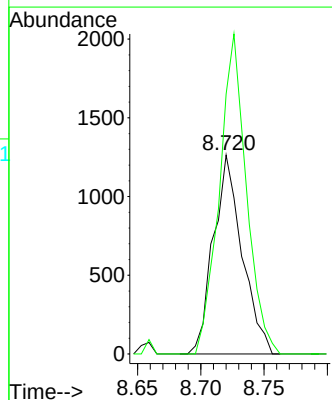
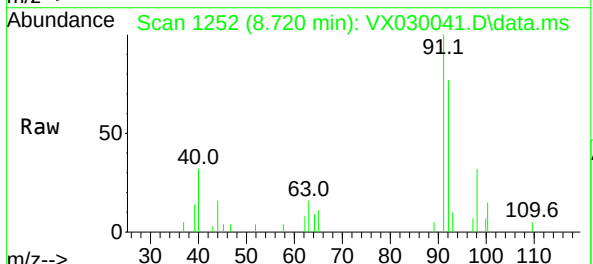
Acq: 13 Jul 2022 13:44

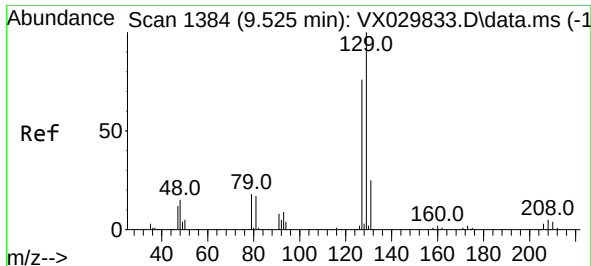
Tgt Ion: 92 Resp: 1993

Ion Ratio Lower Upper

92 100

91 151.6 139.2 208.8

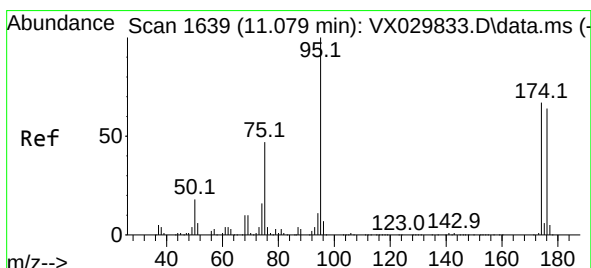
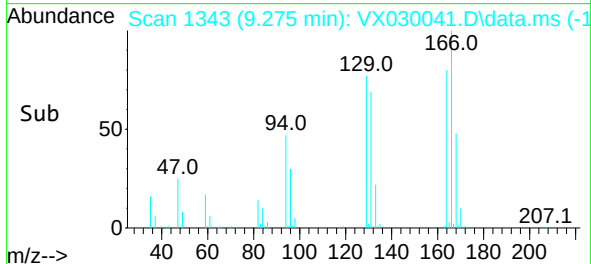
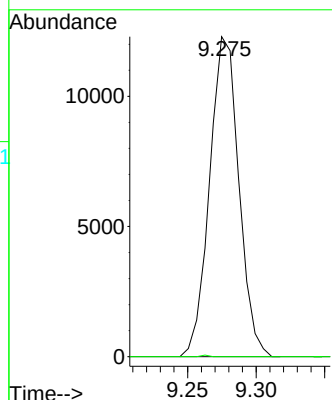
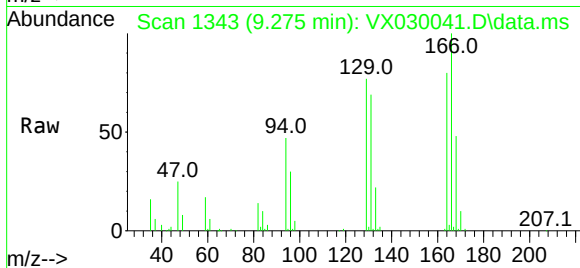




#60
Dibromochloromethane
Concen: 8.934 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

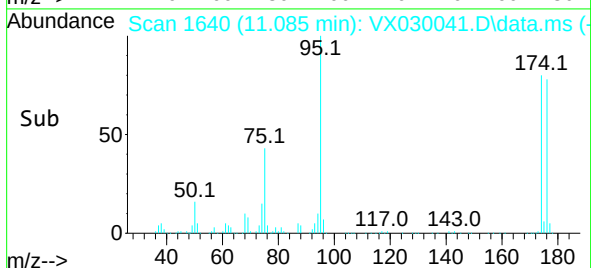
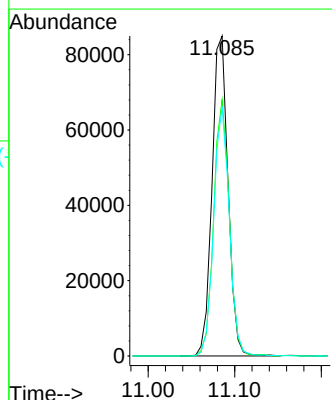
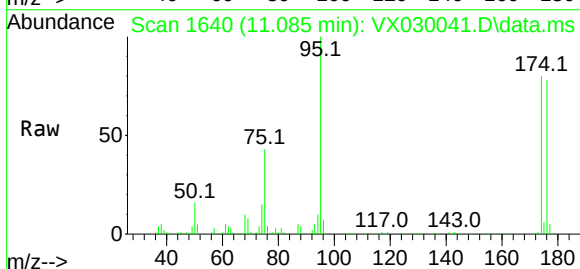
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

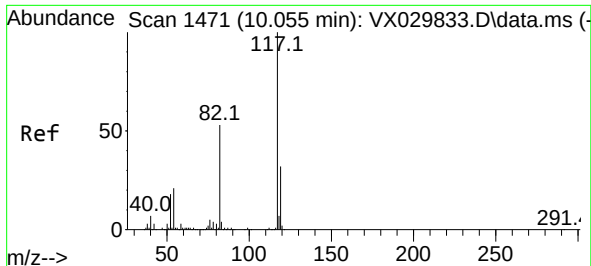
Tgt Ion:129 Resp: 18256
Ion Ratio Lower Upper
129 100
127 0.1 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 42.416 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion: 95 Resp: 109069
Ion Ratio Lower Upper
95 100
174 78.2 0.0 149.0
176 75.9 0.0 146.0

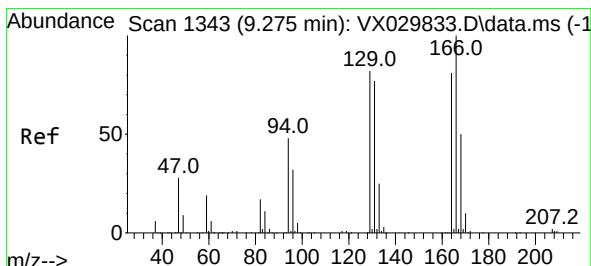
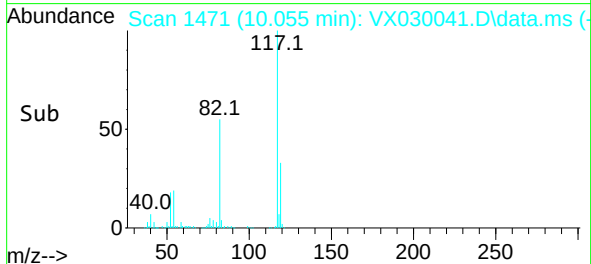
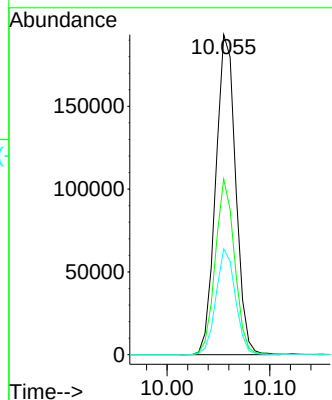
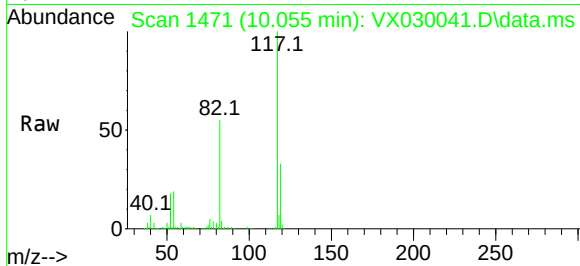




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

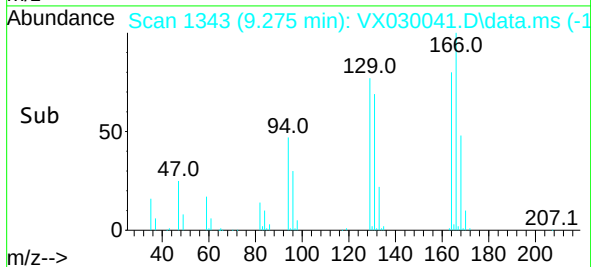
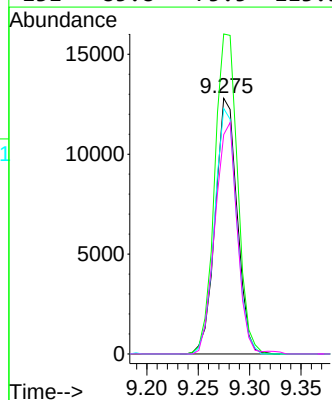
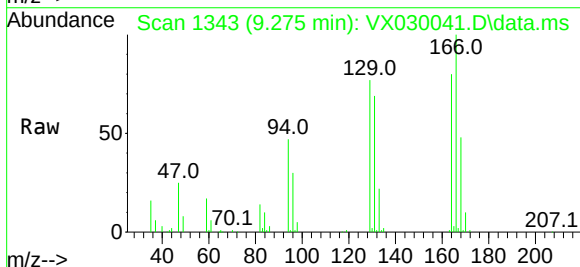
Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

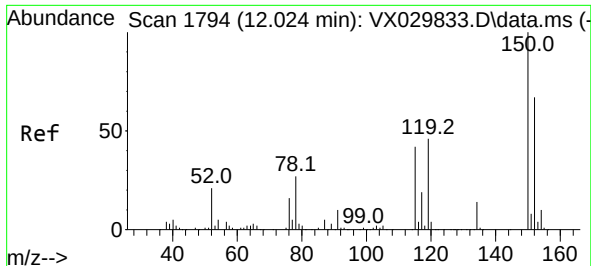
Tgt Ion:117 Resp: 260048
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 33.1 25.4 38.2



#64
Tetrachloroethene
Concen: 9.075 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion:164 Resp: 18944
Ion Ratio Lower Upper
164 100
166 125.1 98.2 147.4
129 96.0 80.8 121.2
131 85.8 75.5 113.3

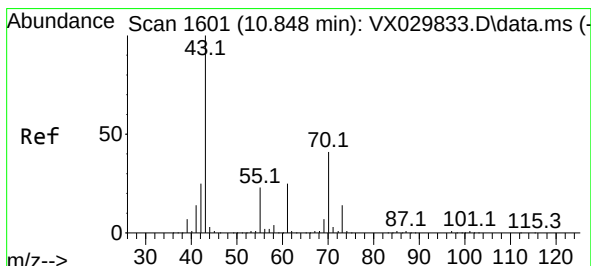
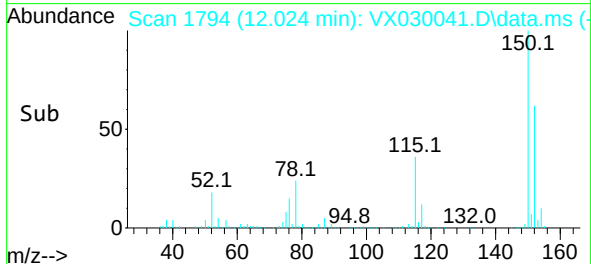
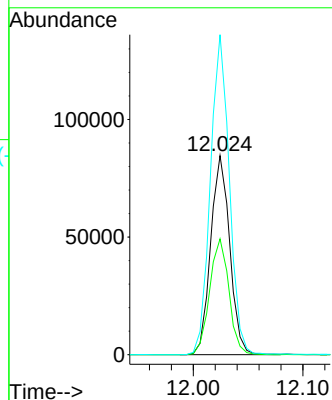
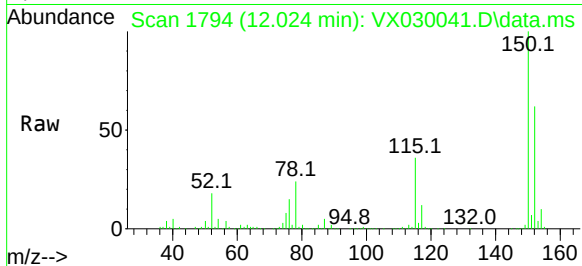




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX030041.D
 Acq: 13 Jul 2022 13:44

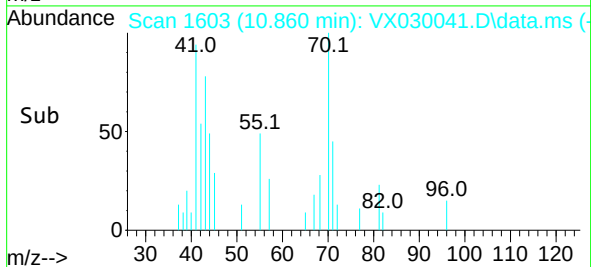
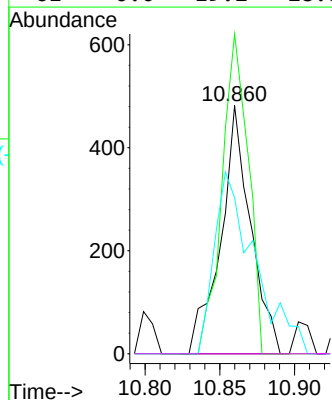
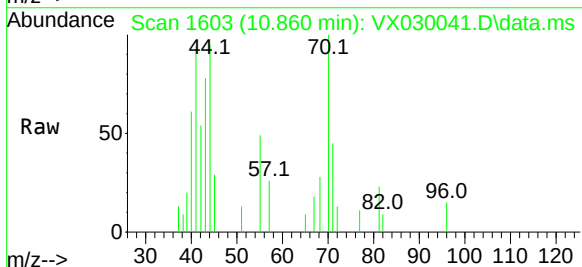
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-07052022

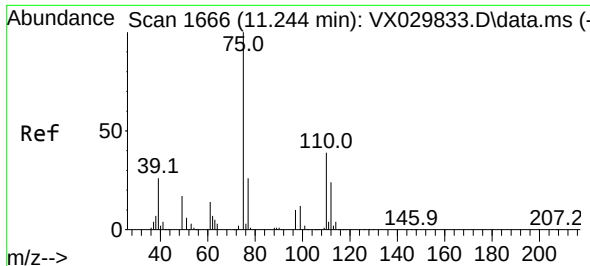
Tgt Ion:152 Resp: 102311
 Ion Ratio Lower Upper
 152 100
 115 58.8 40.5 121.5
 150 159.8 0.0 347.0



#74
 N-ethyl acetate
 Concen: 0.215 ug/l
 RT: 10.860 min Scan# 1603
 Delta R.T. 0.012 min
 Lab File: VX030041.D
 Acq: 13 Jul 2022 13:44

Tgt Ion: 43 Resp: 672
 Ion Ratio Lower Upper
 43 100
 70 112.9 32.3 48.5#
 55 98.8 18.4 27.6#
 61 0.0 19.2 28.8#

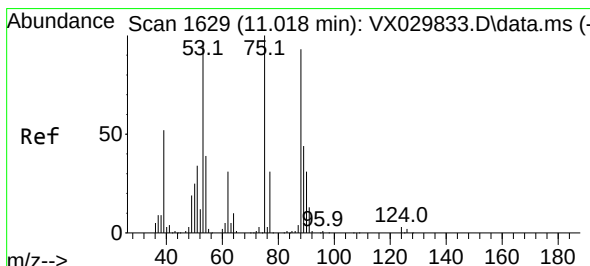
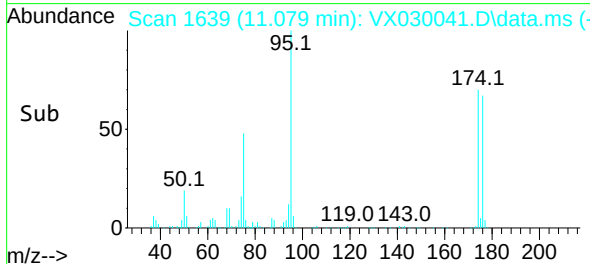
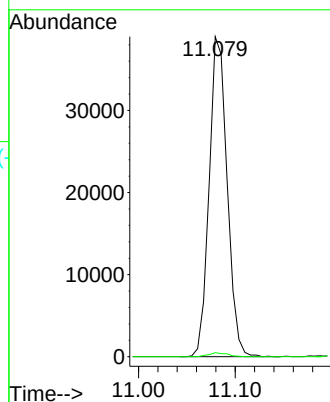
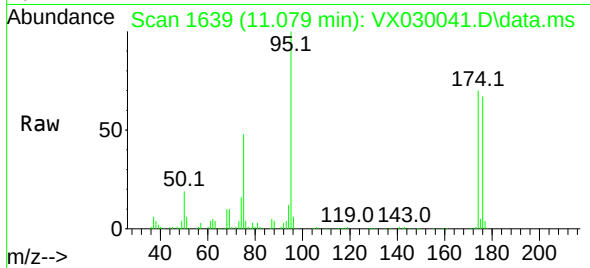




#76
1,2,3-Trichloropropane
Concen: 21.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
EB-01-07052022

Tgt Ion: 75 Resp: 50469
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030041.D
Acq: 13 Jul 2022 13:44

Tgt Ion: 75 Resp: 50469
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

