

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030039.D
 Acq On : 13 Jul 2022 12:57
 Operator : JC/MD
 Sample : N3695-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-03-07112022

Quant Time: Jul 14 04:55:18 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)

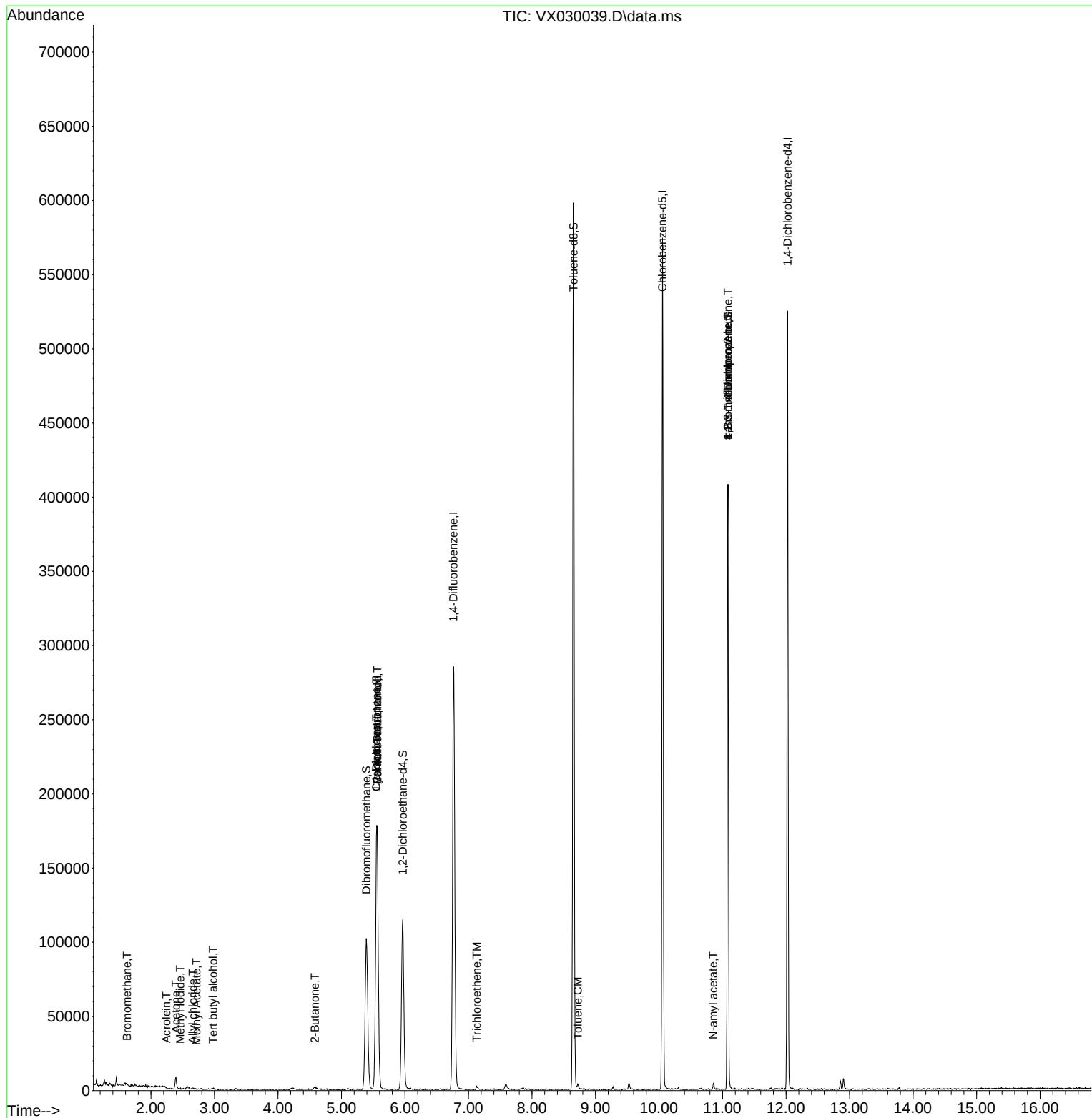
Internal Standards						
1) Pentafluorobenzene	5.562	168	181045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310162	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98149	44.539	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.080%
35) Dibromofluoromethane	5.391	113	91207	46.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.653	98	350906	47.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.180%
62) 4-Bromofluorobenzene	11.085	95	110596	42.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	215	0.242	ug/l #	35
10) Methyl Iodide	2.459	142	297	2.564	ug/l #	63
11) Tert butyl alcohol	2.977	59	1152	2.026	ug/l #	94
13) Acrolein	2.239	56	59	0.521	ug/l #	14
14) Allyl chloride	2.660	41	1143	0.355	ug/l #	71
16) Acetone	2.392	43	8274	7.968	ug/l	99
17) Carbon Disulfide	2.508	76	668	Below Cal	#	74
18) Methyl Acetate	2.715	43	673	0.213	ug/l #	51
20) Methylene Chloride	2.788	84	179	Below Cal	#	53
25) 2-Butanone	4.580	43	2871	1.623	ug/l	94
31) Cyclohexane	5.550	56	3734	1.169	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	13222	5.166	ug/l #	47
38) Carbon Tetrachloride	5.562	117	15984	6.697	ug/l #	16
44) Trichloroethene	7.129	130	607	0.258	ug/l	68
52) Toluene	8.720	92	1089	0.213	ug/l	97
74) N-amyl acetate	10.854	43	663	0.207	ug/l #	13
76) 1,2,3-Trichloropropane	11.085	75	52033	21.608	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52033	62.360	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
Data File : VX030039.D
Acq On : 13 Jul 2022 12:57
Operator : JC/MD
Sample : N3695-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

Quant Time: Jul 14 04:55:18 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

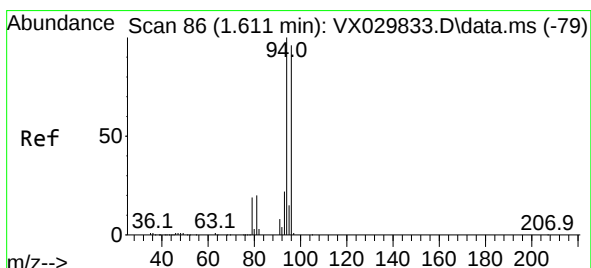
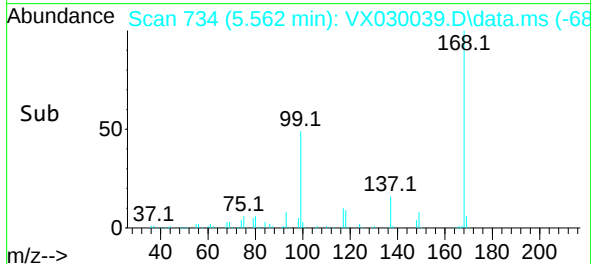
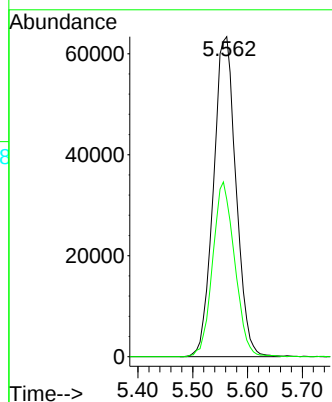
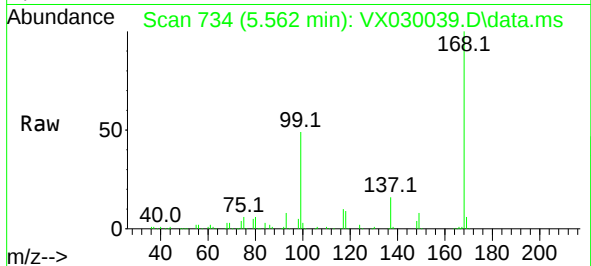




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

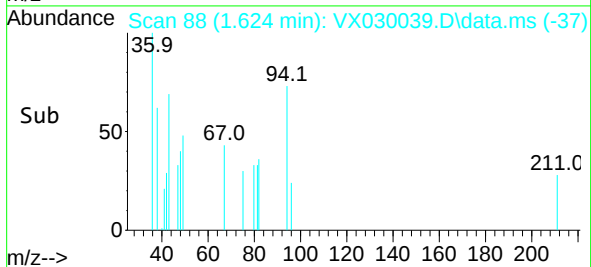
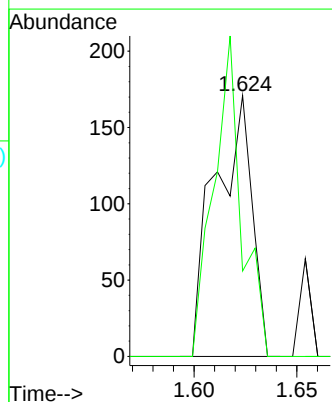
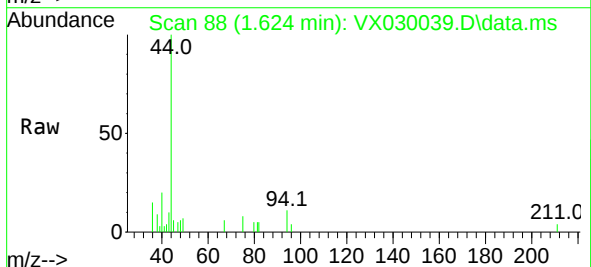
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

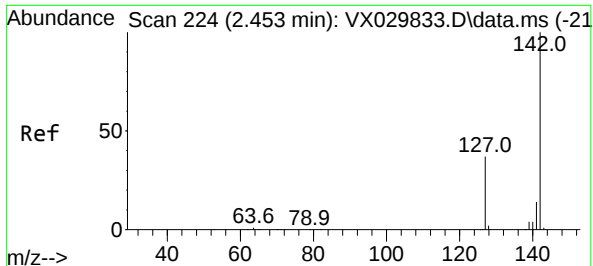
Tgt Ion:168 Resp: 181045
Ion Ratio Lower Upper
168 100
99 49.2 44.0 66.0



#5
Bromomethane
Concen: 0.242 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 32.7 76.9 115.3#

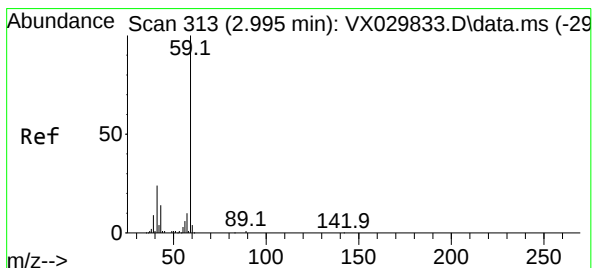
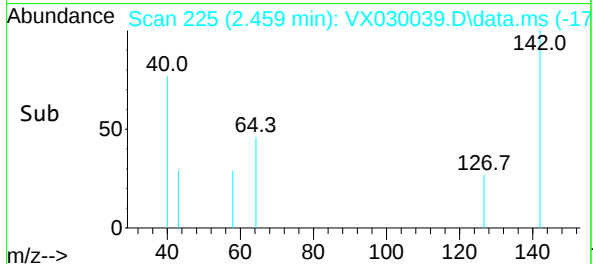
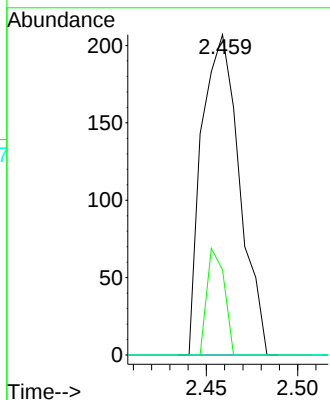
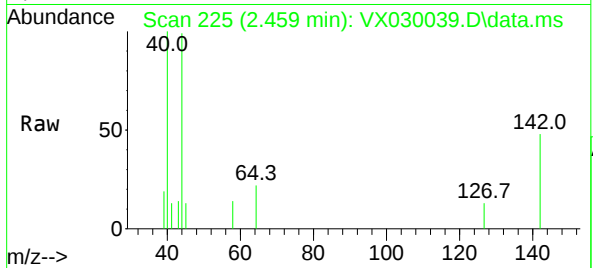




#10
Methyl Iodide
Concen: 2.564 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

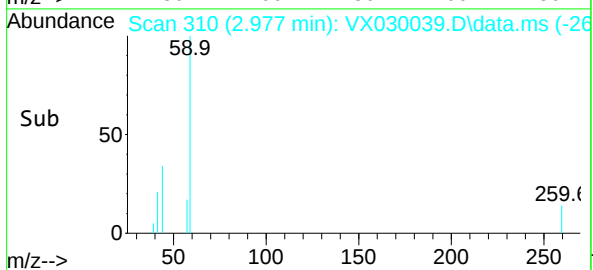
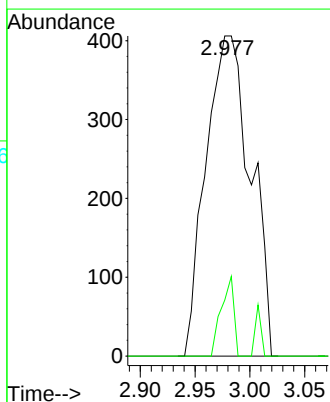
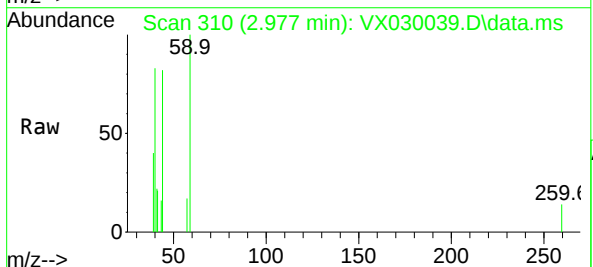
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

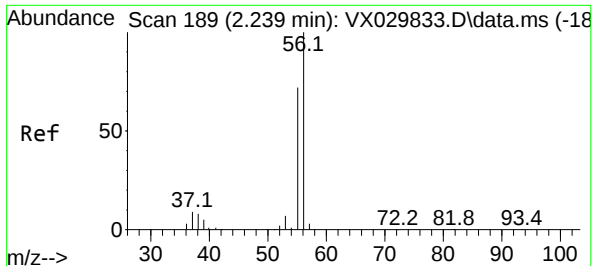
Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
127 15.2 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 2.026 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 59 Resp: 1152
Ion Ratio Lower Upper
59 100
57 7.0 7.4 11.2#

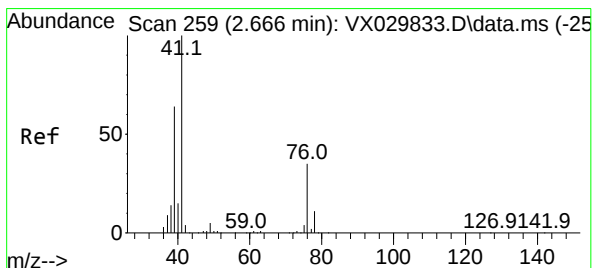
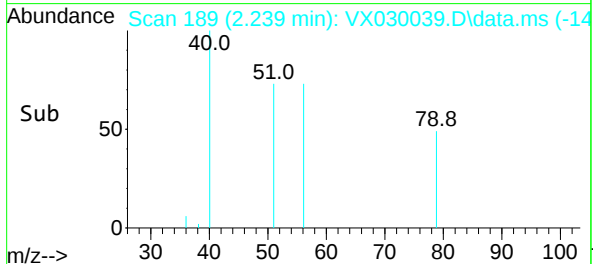
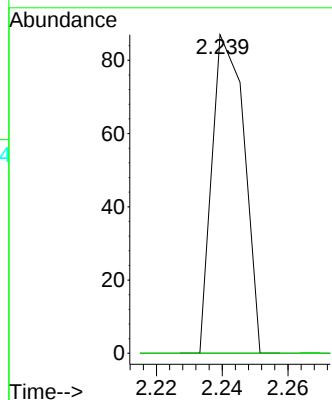
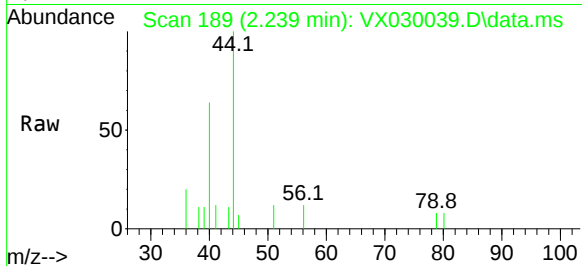




#13
Acrolein
Concen: 0.521 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

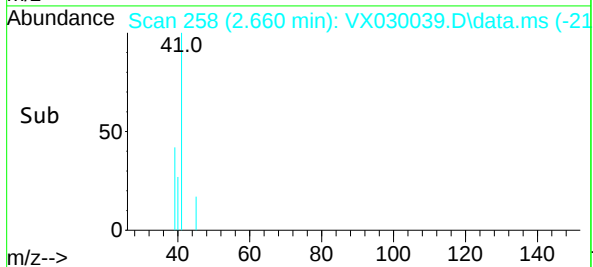
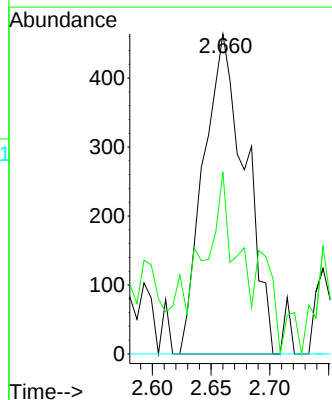
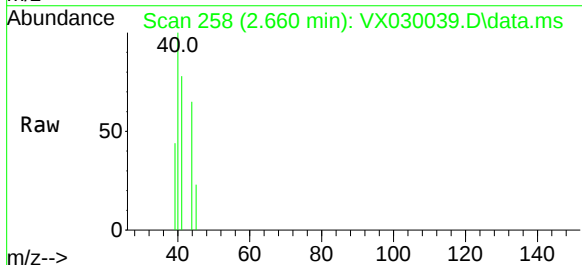
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

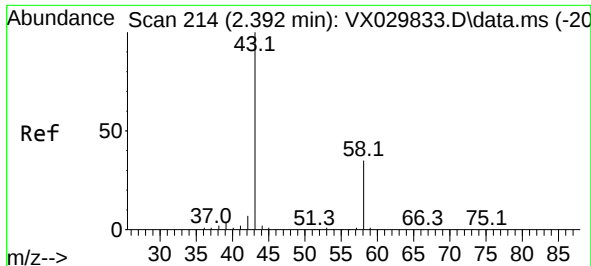
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.355 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 41 Resp: 1143
Ion Ratio Lower Upper
41 100
39 51.3 48.9 73.3
76 0.0 26.9 40.3#

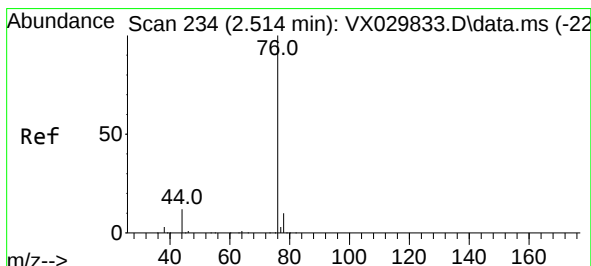
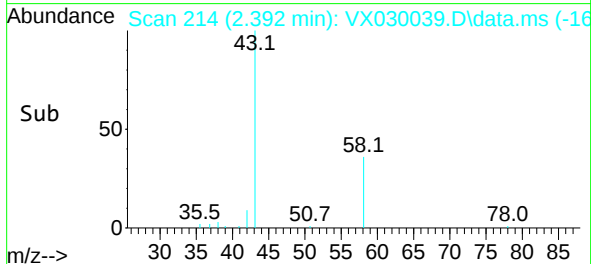
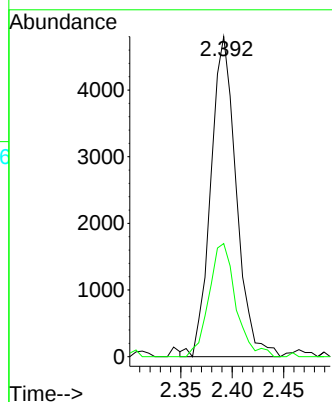
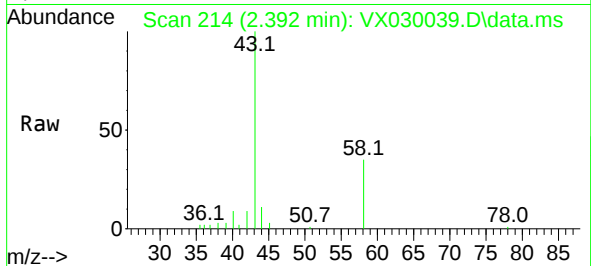




#16
Acetone
Concen: 7.968 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

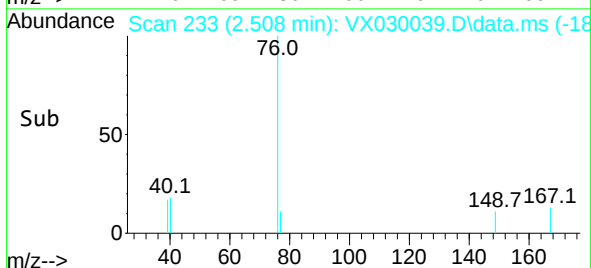
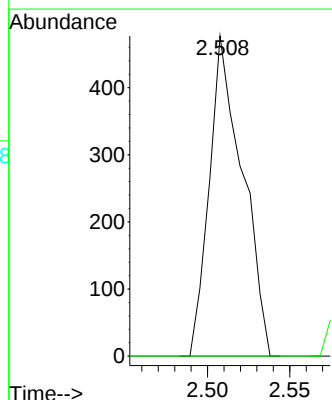
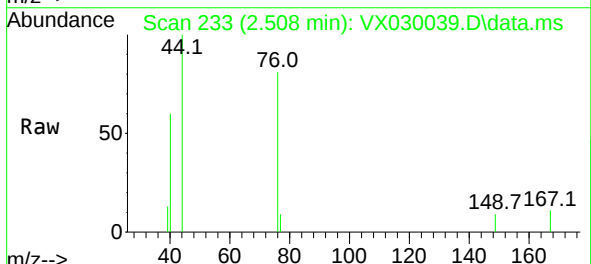
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

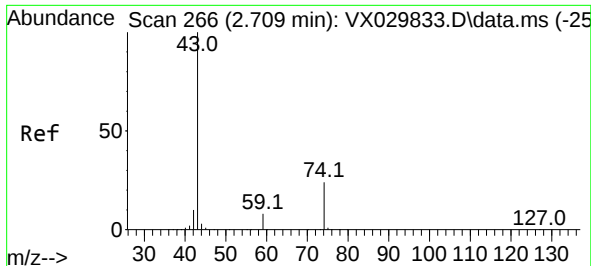
Tgt Ion: 43 Resp: 8274
Ion Ratio Lower Upper
43 100
58 35.4 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 76 Resp: 668
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

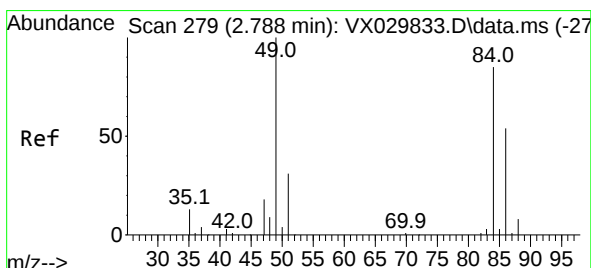
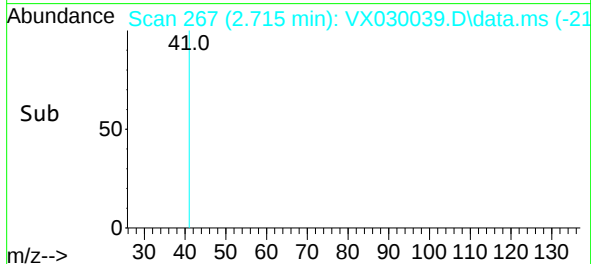
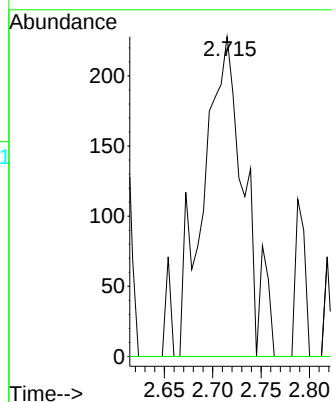
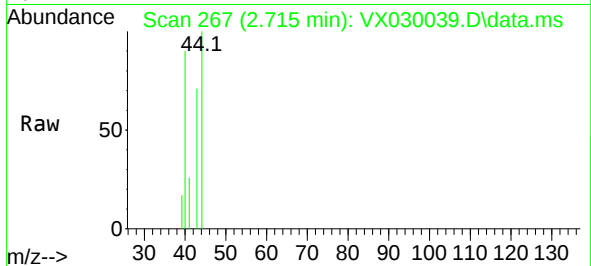




#18
Methyl Acetate
Concen: 0.213 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

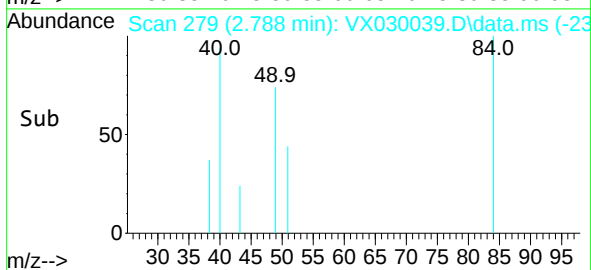
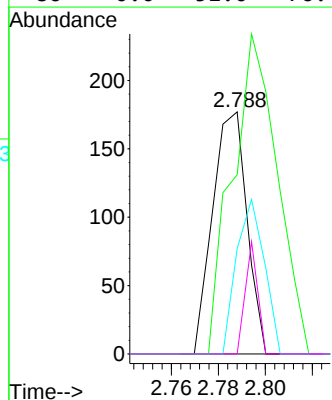
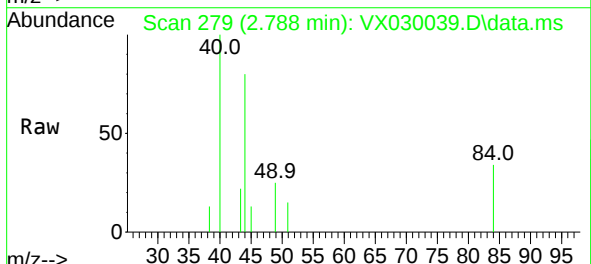
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

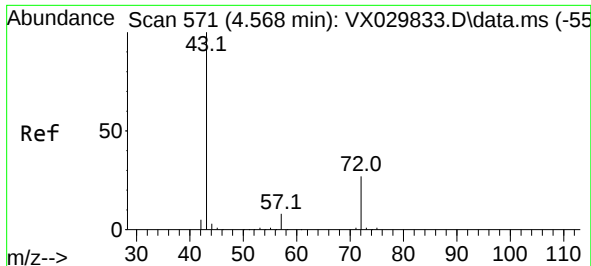
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 84 Resp: 179
Ion Ratio Lower Upper
84 100
49 74.0 93.8 140.6#
51 43.5 29.4 44.0
86 0.0 51.0 76.4#





#25

2-Butanone

Concen: 1.623 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX030039.D

Acq: 13 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

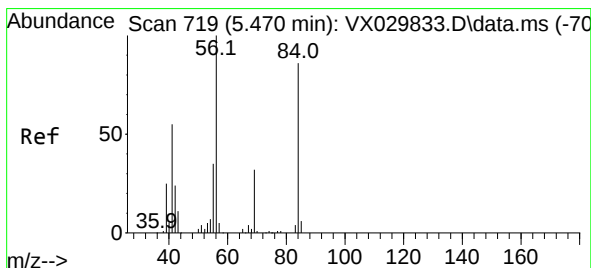
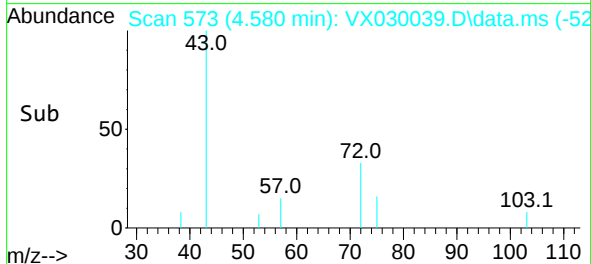
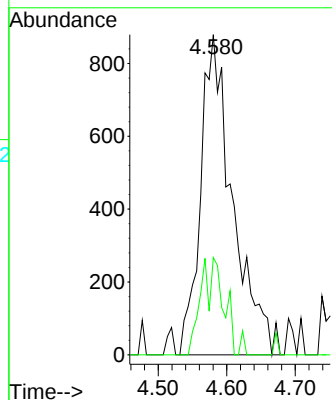
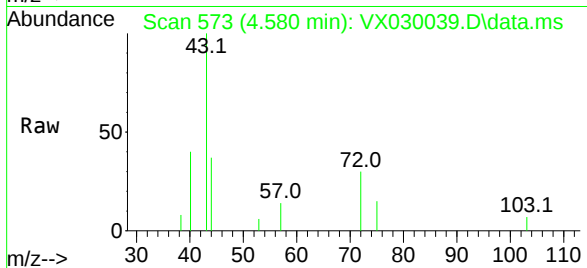
EB-03-07112022

Tgt Ion: 43 Resp: 2871

Ion Ratio Lower Upper

43 100

72 30.4 21.7 32.5



#31

Cyclohexane

Concen: 1.169 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX030039.D

Acq: 13 Jul 2022 12:57

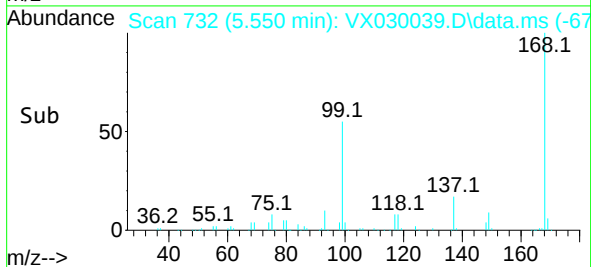
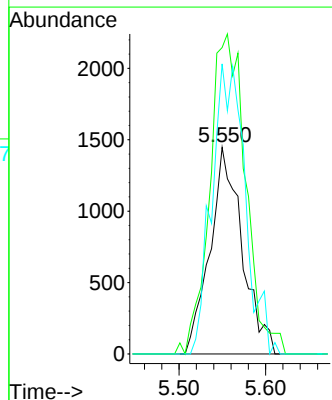
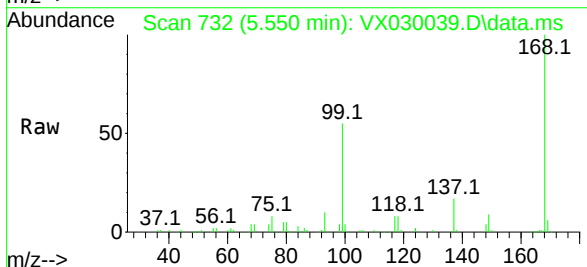
Tgt Ion: 56 Resp: 3734

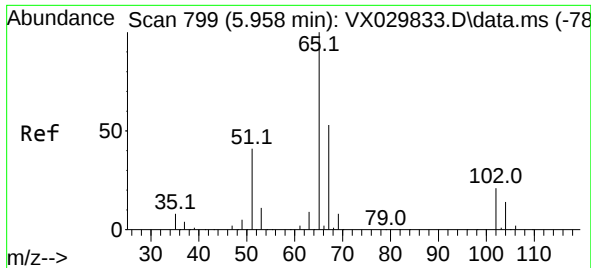
Ion Ratio Lower Upper

56 100

69 142.9 25.4 38.0#

84 140.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 44.539 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030039.D

Acq: 13 Jul 2022 12:57

Instrument :

MSVOA_X

ClientSampleId :

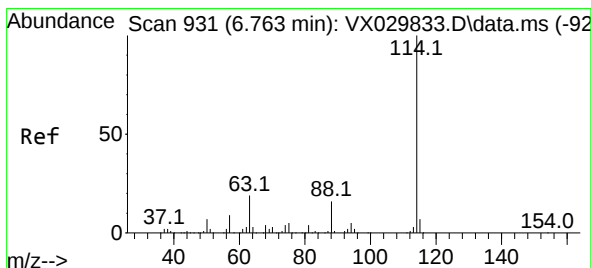
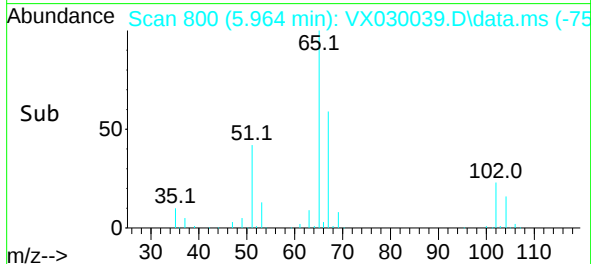
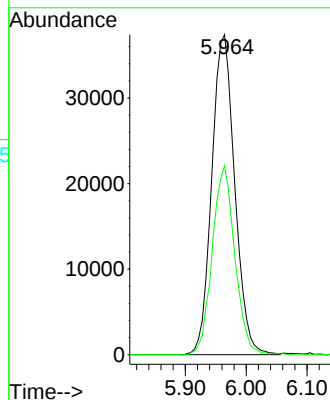
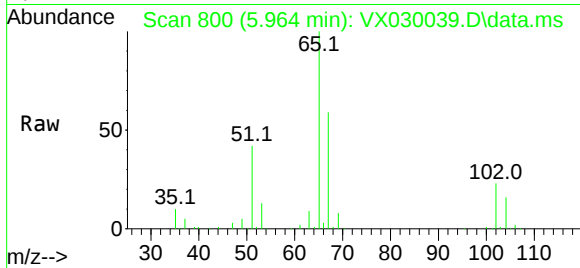
EB-03-07112022

Tgt Ion: 65 Resp: 98149

Ion Ratio Lower Upper

65 100

67 57.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030039.D

Acq: 13 Jul 2022 12:57

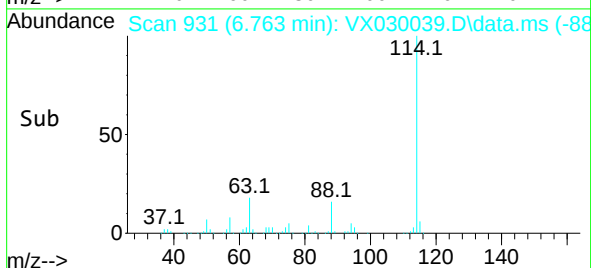
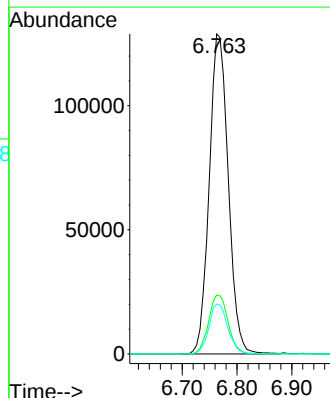
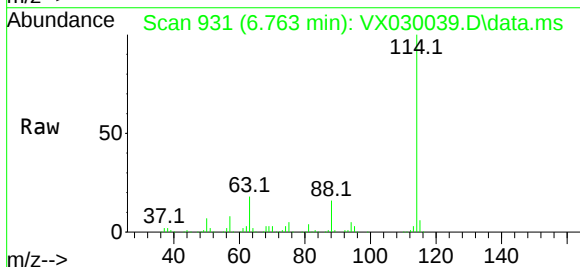
Tgt Ion: 114 Resp: 310162

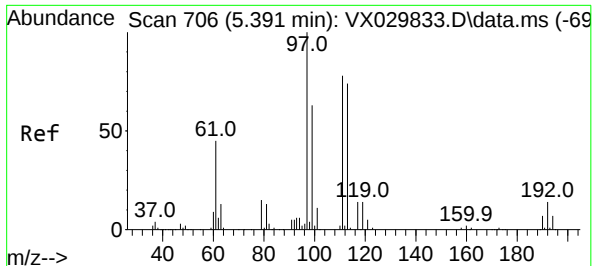
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 15.6 0.0 31.8

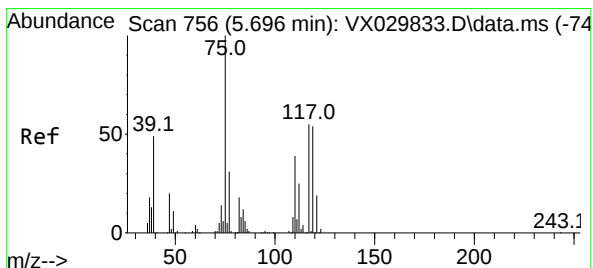
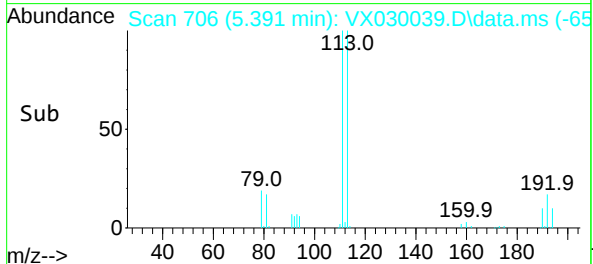
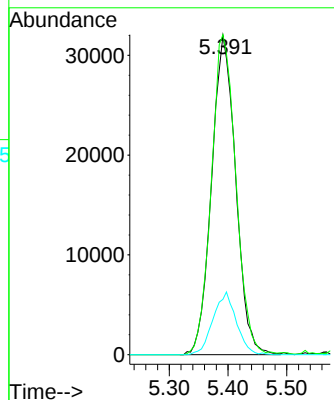
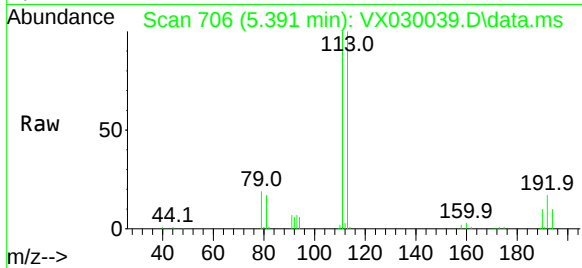




#35
Dibromofluoromethane
Concen: 46.031 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

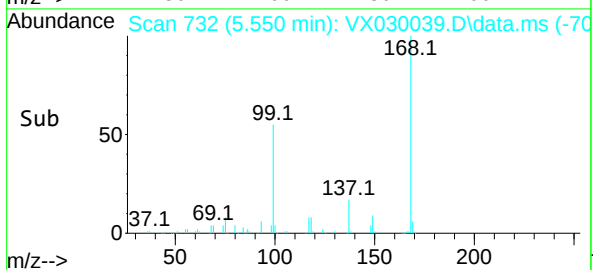
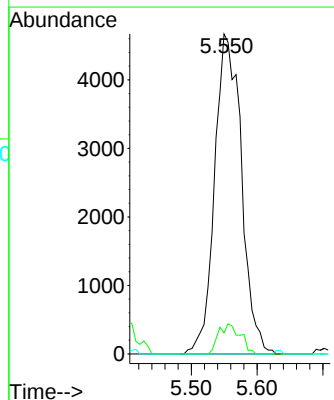
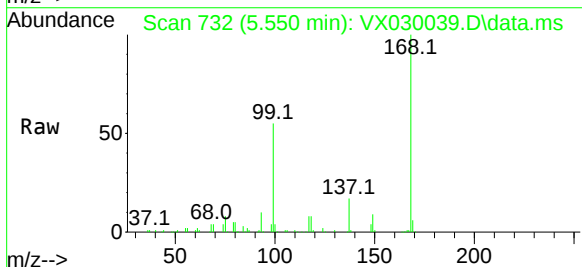
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

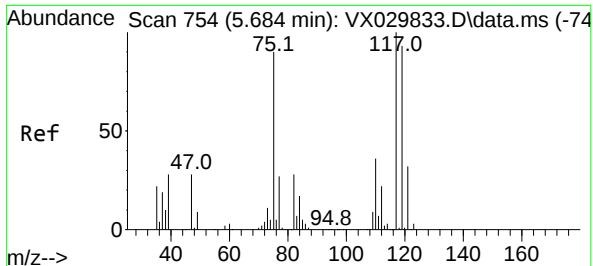
Tgt Ion:113 Resp: 91207
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 19.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

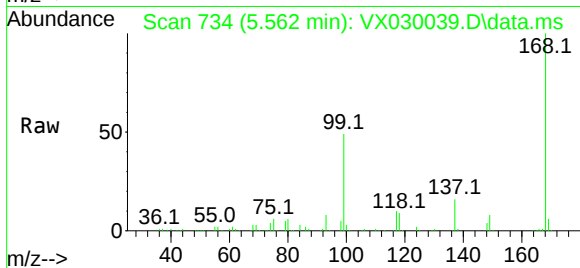
Tgt Ion: 75 Resp: 13222
Ion Ratio Lower Upper
75 100
110 7.6 19.3 57.9#
77 0.0 24.4 36.6#



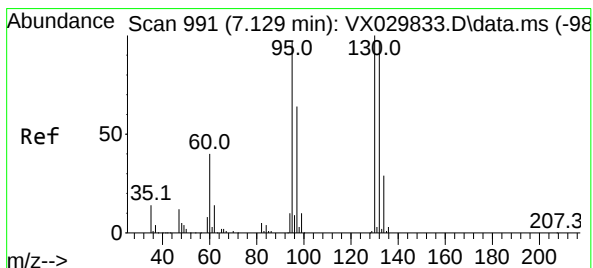
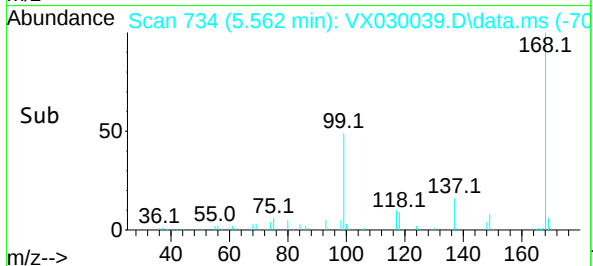
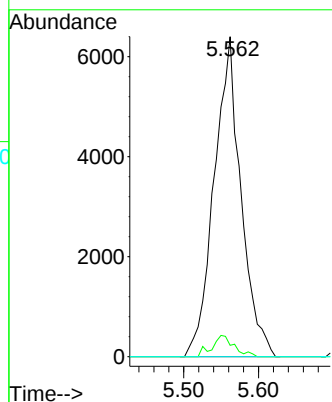


#38
Carbon Tetrachloride
Concen: 6.697 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

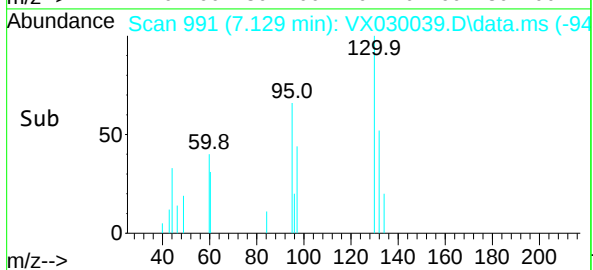
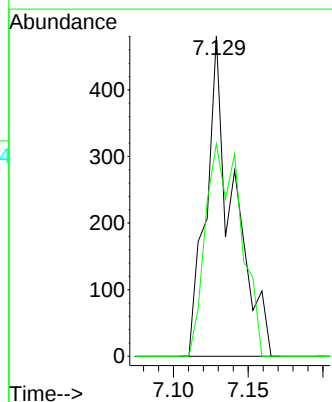
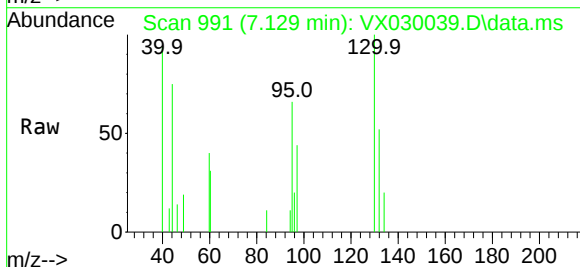


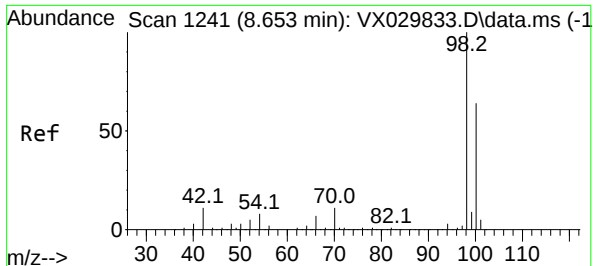
Tgt Ion:117 Resp: 15984
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.258 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion:130 Resp: 607
Ion Ratio Lower Upper
130 100
95 66.3 0.0 194.8

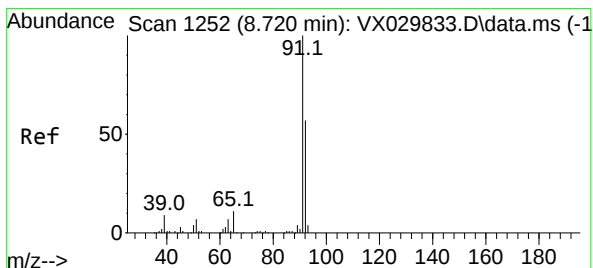
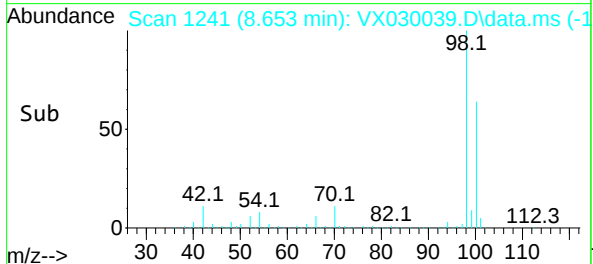
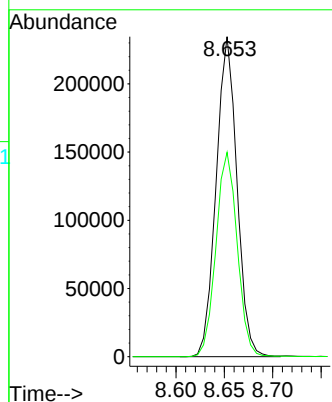
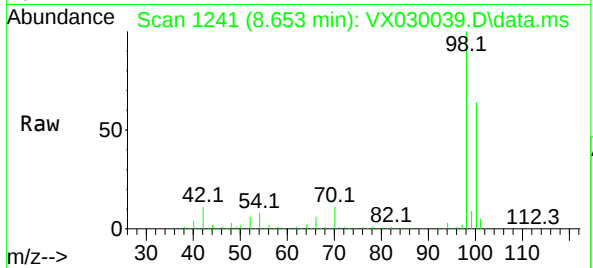




#50
Toluene-d8
Concen: 47.088 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

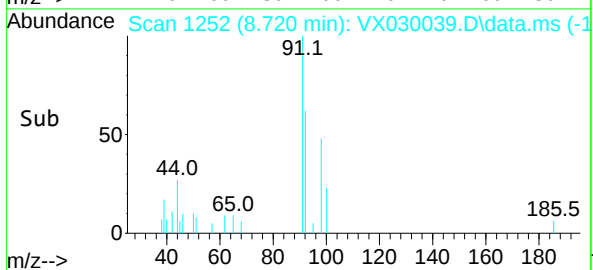
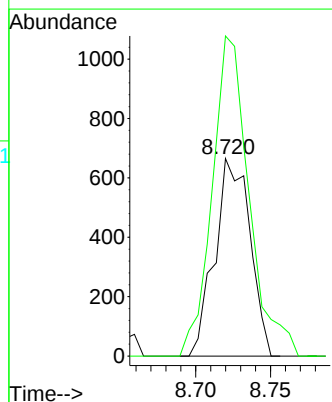
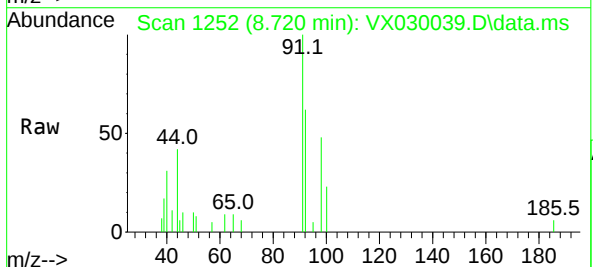
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

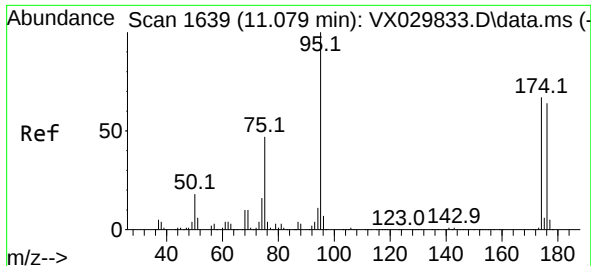
Tgt Ion: 98 Resp: 350906
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#52
Toluene
Concen: 0.213 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 92 Resp: 1089
Ion Ratio Lower Upper
92 100
91 169.8 139.2 208.8

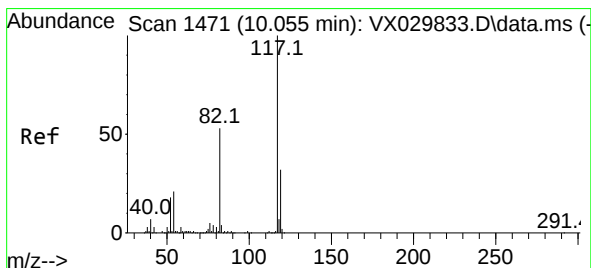
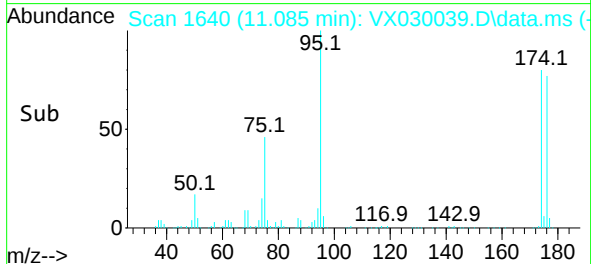
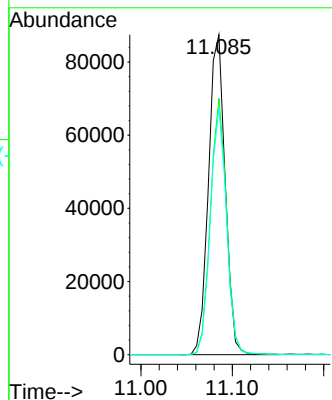
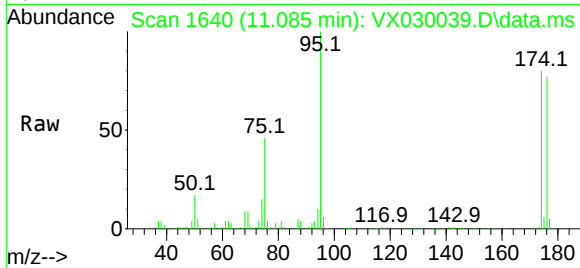




#62
4-Bromofluorobenzene
Concen: 42.766 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

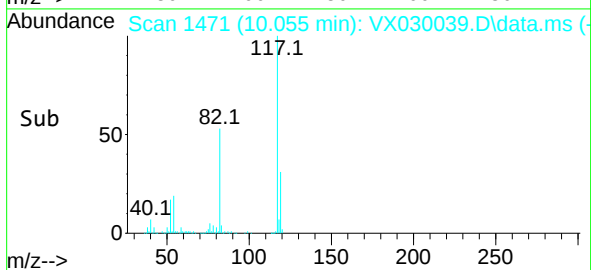
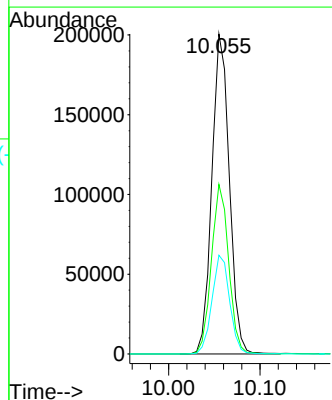
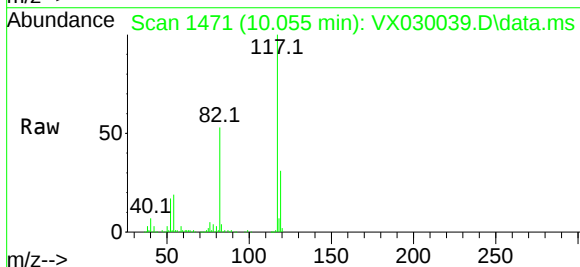
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

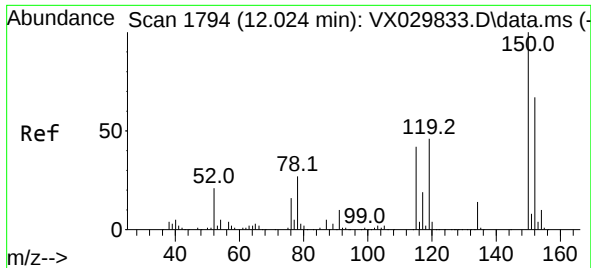
Tgt Ion: 95 Resp: 110596
Ion Ratio Lower Upper
95 100
174 78.0 0.0 149.0
176 74.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 117 Resp: 265914
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 30.9 25.4 38.2

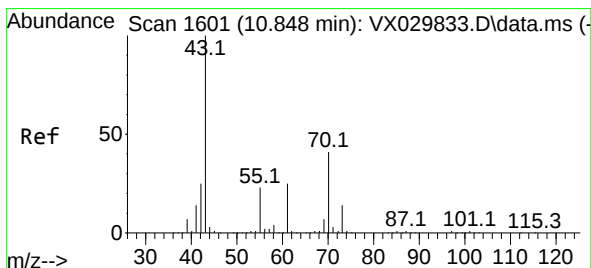
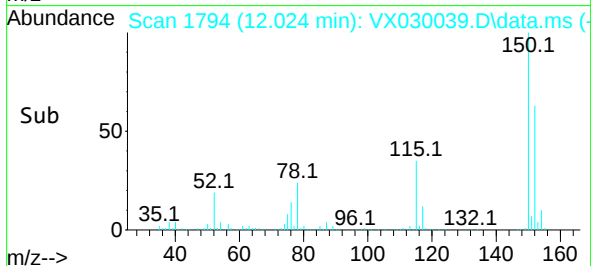
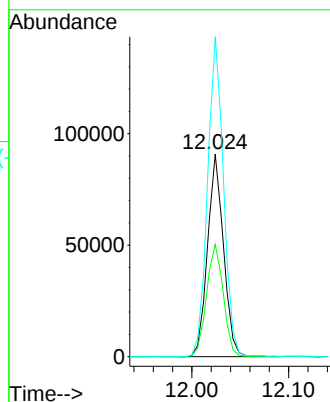
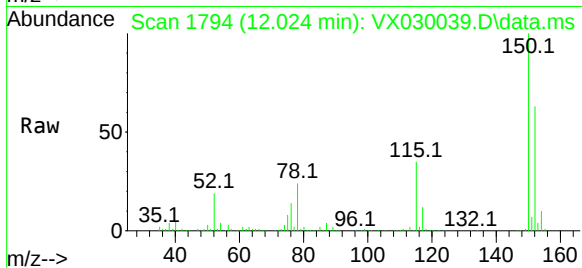




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

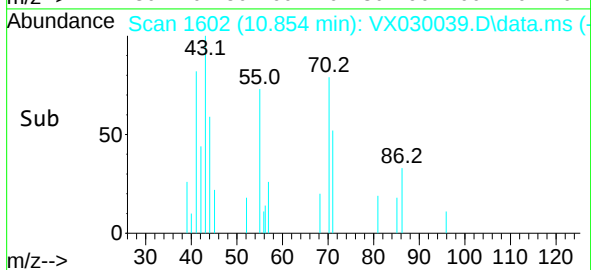
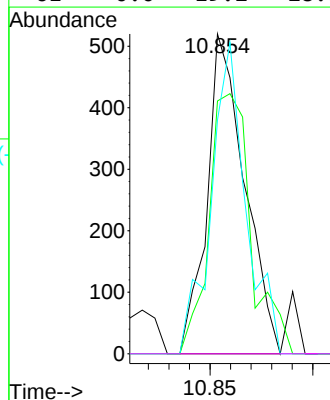
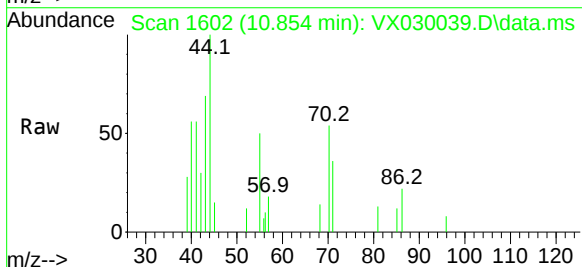
Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

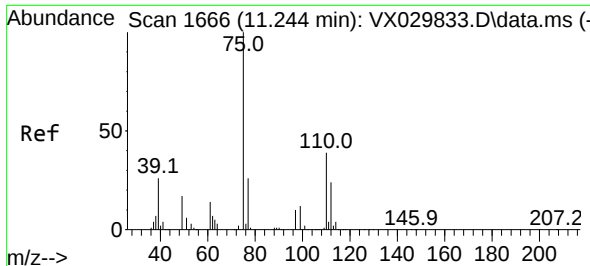
Tgt Ion:152 Resp: 104733
Ion Ratio Lower Upper
152 100
115 57.9 40.5 121.5
150 157.2 0.0 347.0



#74
N-ethyl acetate
Concen: 0.207 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
70 90.2 32.3 48.5#
55 89.7 18.4 27.6#
61 0.0 19.2 28.8#

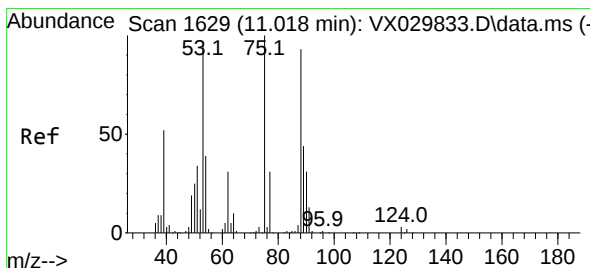
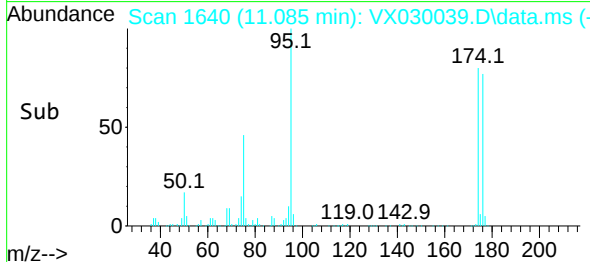
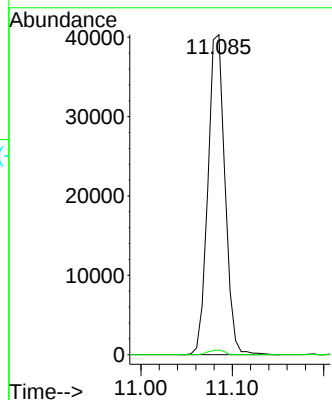
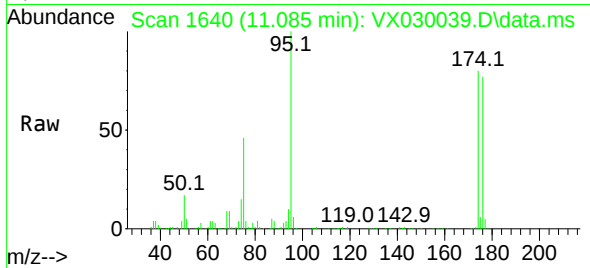




#76
1,2,3-Trichloropropane
Concen: 21.608 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Instrument :
MSVOA_X
ClientSampleId :
EB-03-07112022

Tgt Ion: 75 Resp: 52033
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.360 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030039.D
Acq: 13 Jul 2022 12:57

Tgt Ion: 75 Resp: 52033
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

