

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030038.D
 Acq On : 13 Jul 2022 12:34
 Operator : JC/MD
 Sample : N3695-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07112022

Quant Time: Jul 14 04:55:09 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)

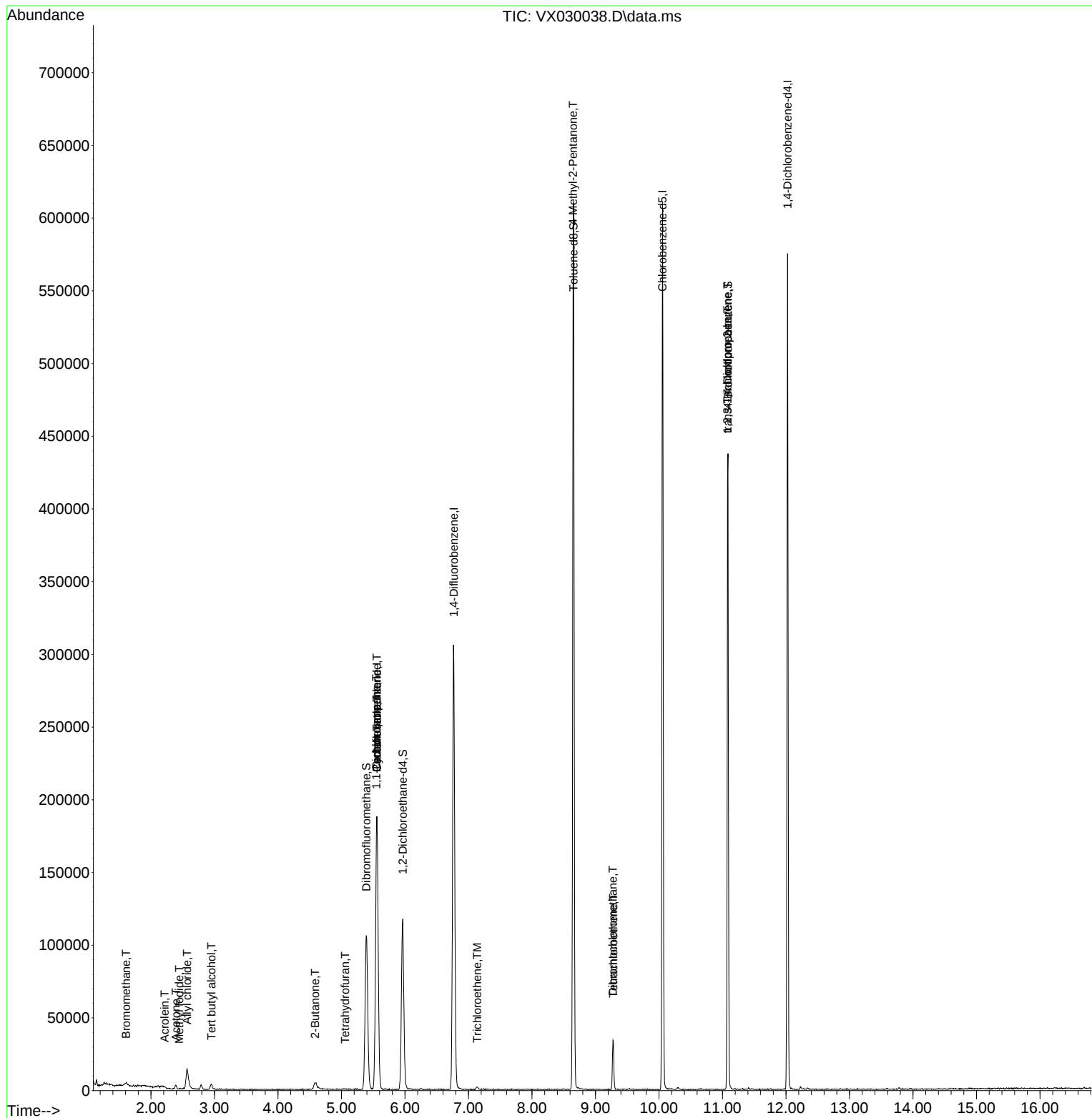
Internal Standards						
1) Pentafluorobenzene	5.556	168	188521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104231	45.424	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.840%		
35) Dibromofluoromethane	5.391	113	96143	46.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	8.653	98	369426	47.672	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.340%		
62) 4-Bromofluorobenzene	11.085	95	119932	44.598	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	68	Below Cal	#	42
5) Bromomethane	1.605	94	333	0.359	ug/l #	2
10) Methyl Iodide	2.447	142	545	2.683	ug/l #	82
11) Tert butyl alcohol	2.953	59	2017	3.406	ug/l #	74
13) Acrolein	2.215	56	101	0.856	ug/l #	47
14) Allyl chloride	2.569	41	2220	0.661	ug/l #	43
16) Acetone	2.392	43	3121	2.886	ug/l #	81
17) Carbon Disulfide	2.514	76	804	Below Cal	#	74
20) Methylene Chloride	2.788	84	1409	Below Cal	#	78
25) 2-Butanone	4.587	43	652	0.354	ug/l #	66
29) Tetrahydrofuran	5.056	42	369	0.295	ug/l #	36
31) Cyclohexane	5.556	56	3722	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13585	5.104	ug/l #	45
38) Carbon Tetrachloride	5.556	117	17638	7.107	ug/l #	17
44) Trichloroethene	7.135	130	687	0.281	ug/l	83
51) 4-Methyl-2-Pentanone	8.647	43	1861	0.547	ug/l #	1
60) Dibromochloromethane	9.275	129	6526	3.054	ug/l #	11
64) Tetrachloroethene	9.281	164	6560	2.917	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	57182	20.885	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57182	60.274	ug/l #	12

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

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Quant Time: Jul 14 04:55:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
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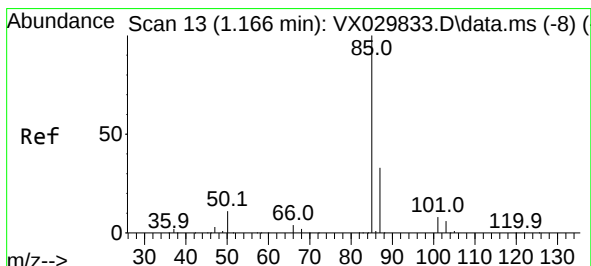
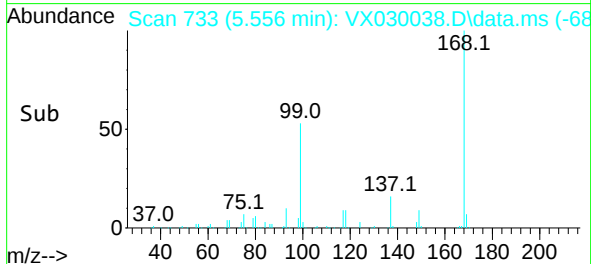
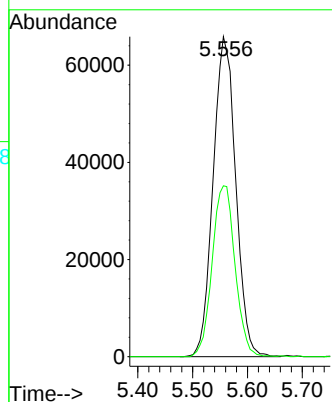
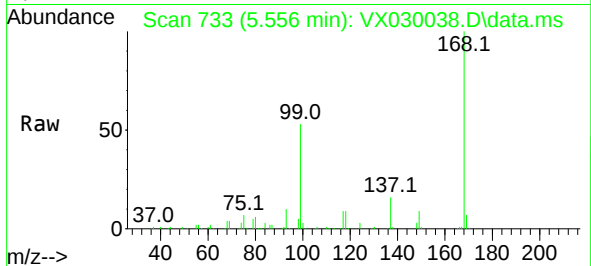




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

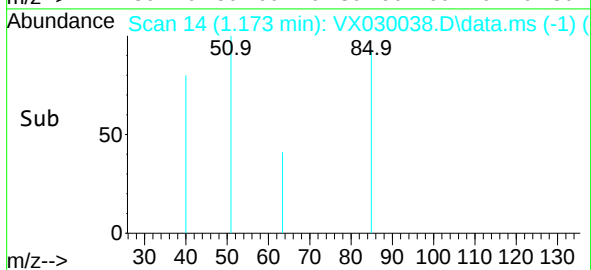
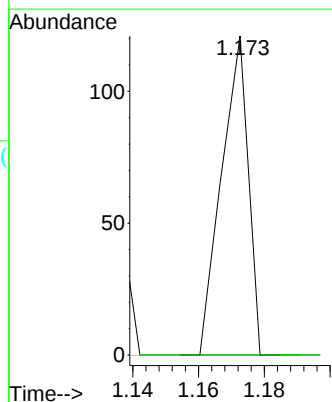
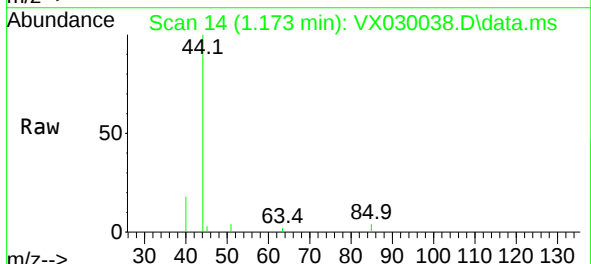
Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

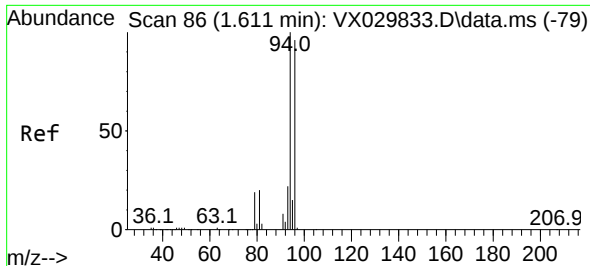
Tgt Ion:168 Resp: 188521
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion: 85 Resp: 68
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

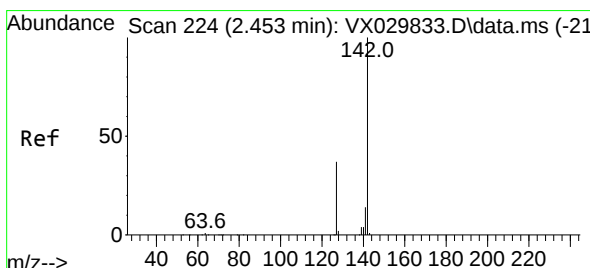
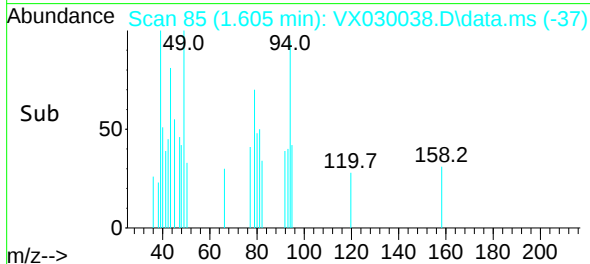
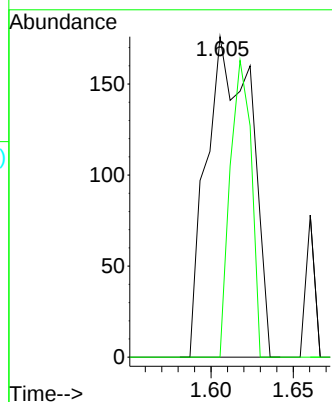
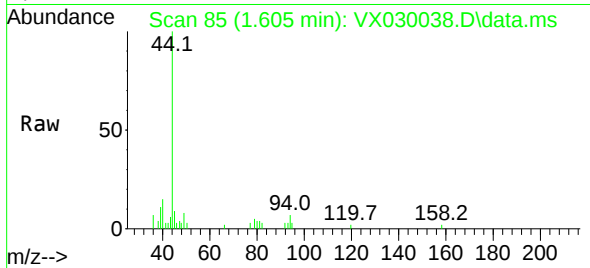




#5
Bromomethane
Concen: 0.359 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

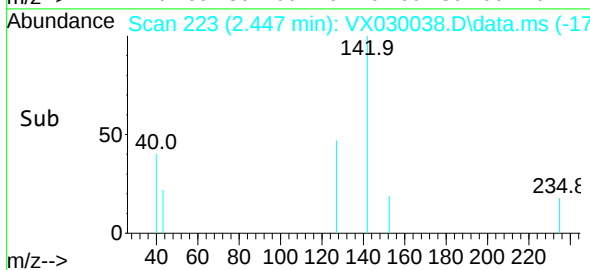
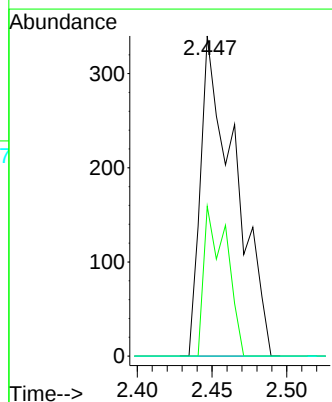
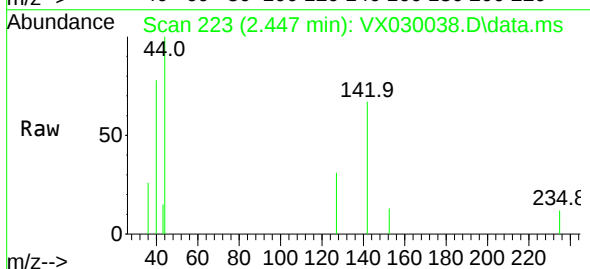
Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



#10
Methyl Iodide
Concen: 2.683 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion: 142 Resp: 545
Ion Ratio Lower Upper
142 100
127 30.6 30.2 45.2
141 0.0 11.3 16.9#

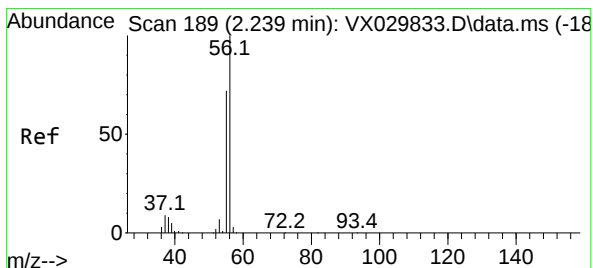
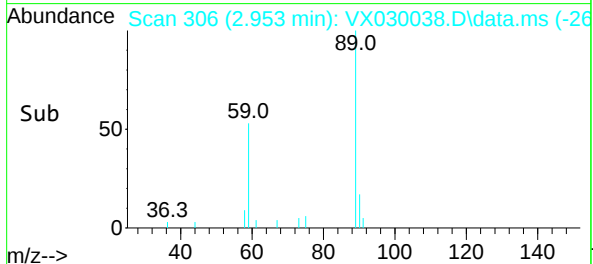
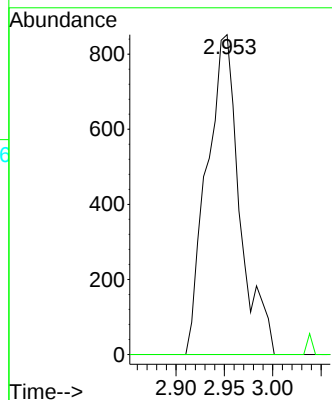
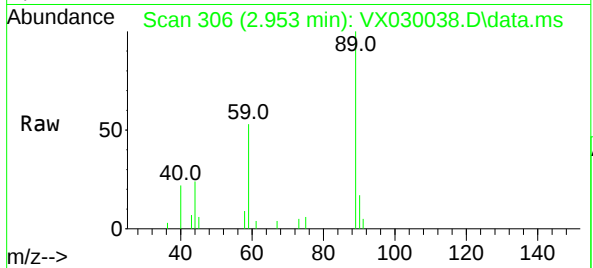




#11
Tert butyl alcohol
Concen: 3.406 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

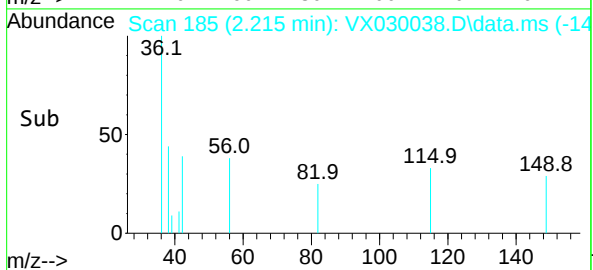
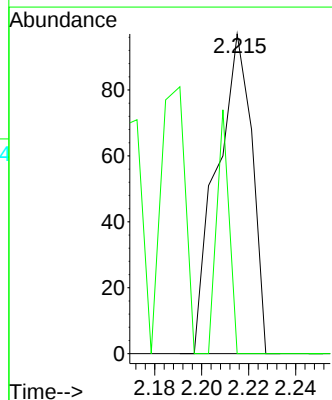
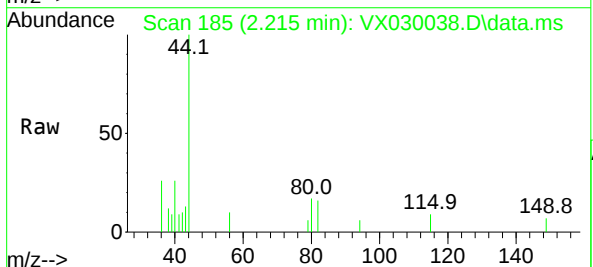
Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

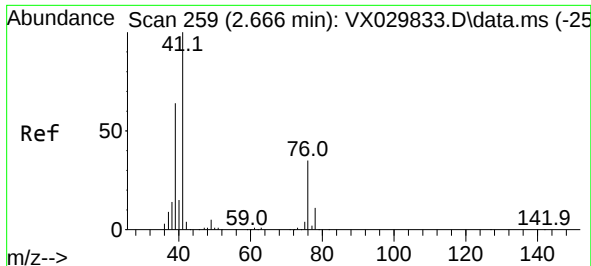
Tgt Ion: 59 Resp: 2017
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 0.856 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 26.7 56.6 84.8#

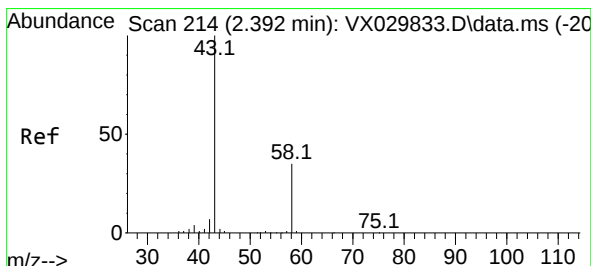
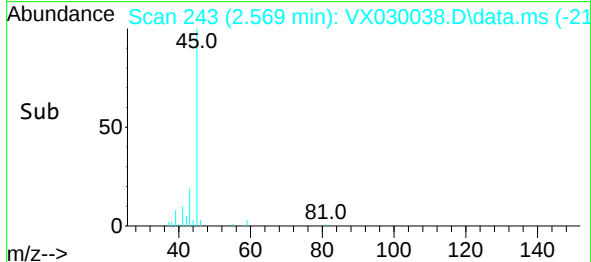
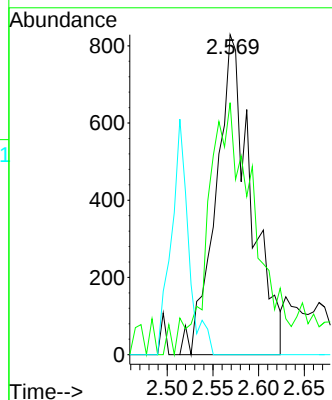
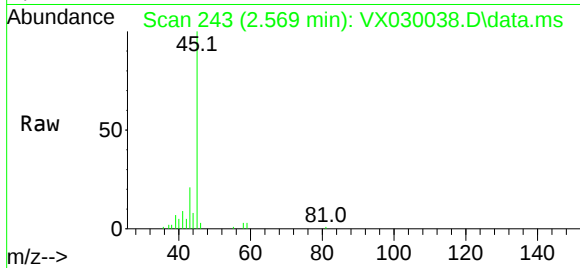




#14
 Allyl chloride
 Concen: 0.661 ug/l
 RT: 2.569 min Scan# 243
 Delta R.T. -0.097 min
 Lab File: VX030038.D
 Acq: 13 Jul 2022 12:34

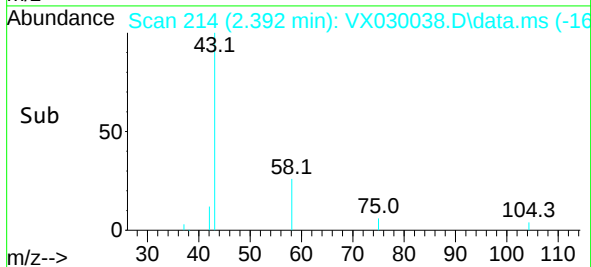
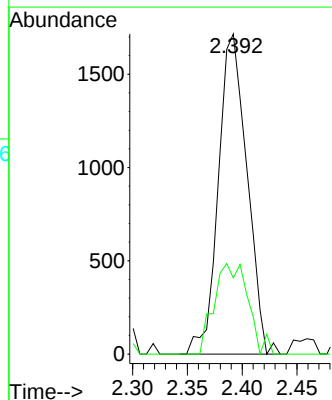
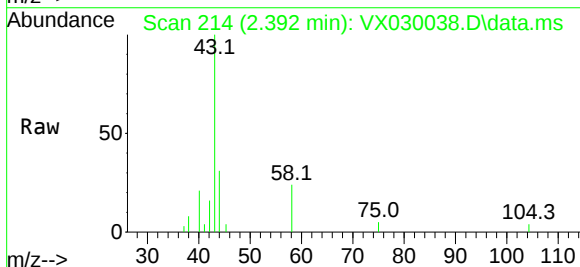
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07112022

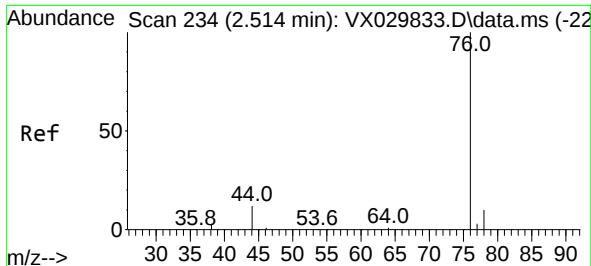
Tgt Ion: 41 Resp: 2220
 Ion Ratio Lower Upper
 41 100
 39 103.7 48.9 73.3#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 2.886 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX030038.D
 Acq: 13 Jul 2022 12:34

Tgt Ion: 43 Resp: 3121
 Ion Ratio Lower Upper
 43 100
 58 23.8 27.7 41.5#





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030038.D

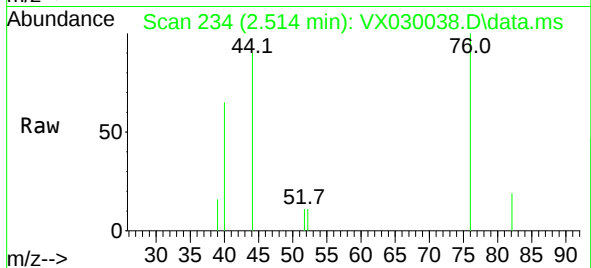
Acq: 13 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

TB-07112022

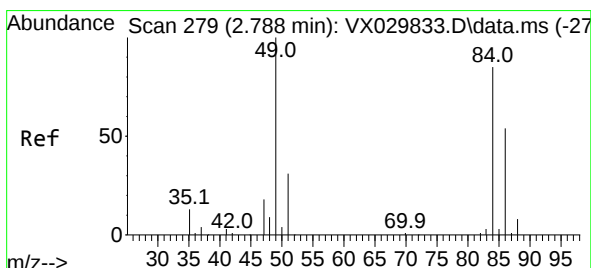
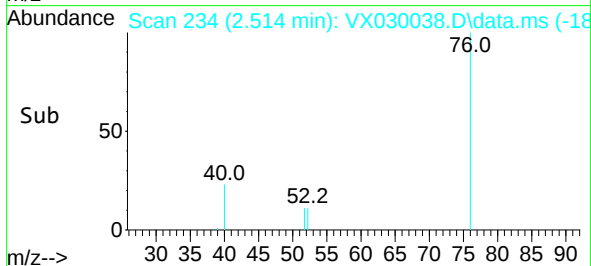
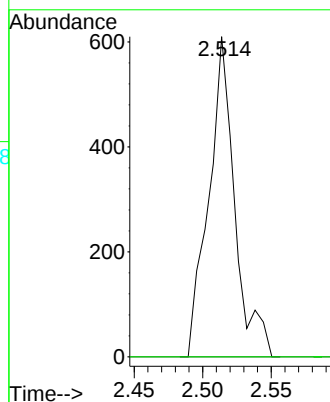


Tgt Ion: 76 Resp: 804

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX030038.D

Acq: 13 Jul 2022 12:34

Tgt Ion: 84 Resp: 1409

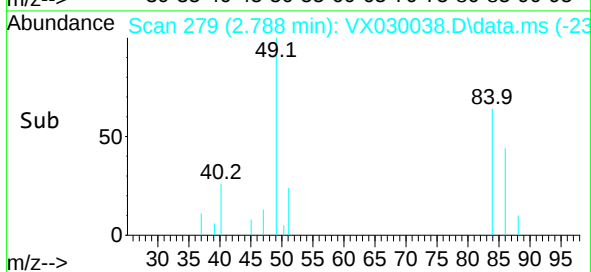
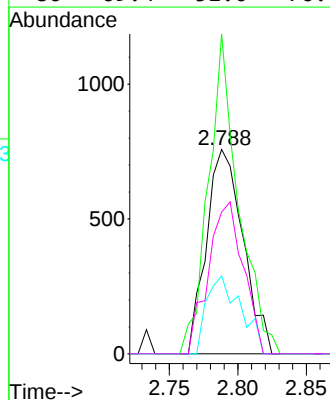
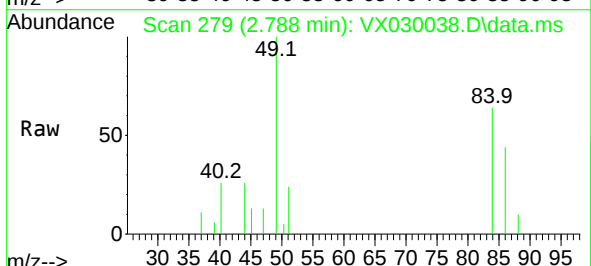
Ion Ratio Lower Upper

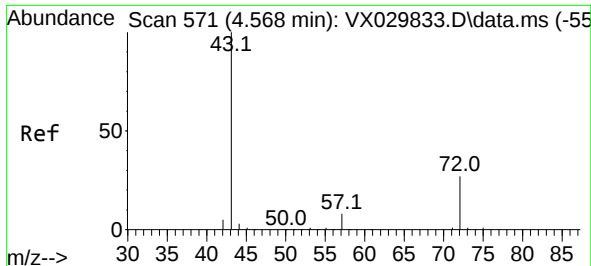
84 100

49 156.5 93.8 140.6#

51 38.1 29.4 44.0

86 69.4 51.0 76.4





#25

2-Butanone

Concen: 0.354 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX030038.D

Acq: 13 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

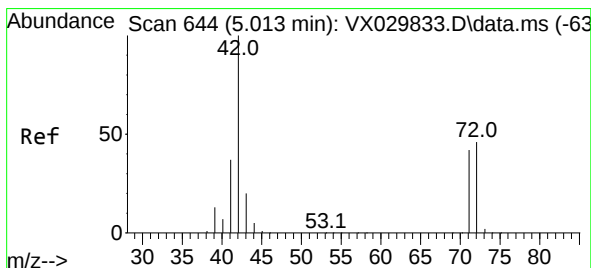
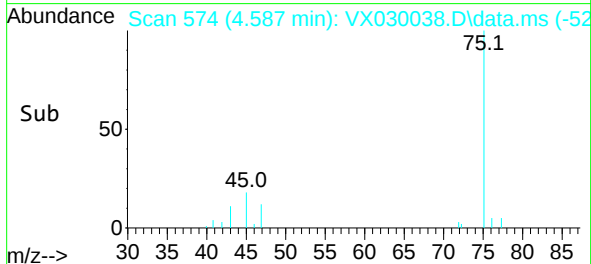
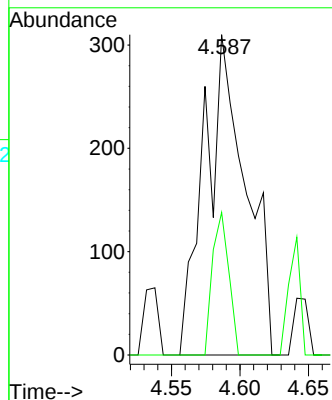
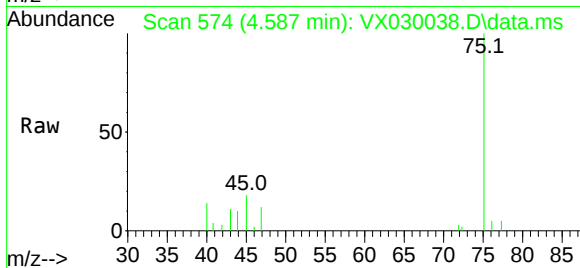
TB-07112022

Tgt Ion: 43 Resp: 652

Ion Ratio Lower Upper

43 100

72 44.5 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.295 ug/l

RT: 5.056 min Scan# 651

Delta R.T. 0.043 min

Lab File: VX030038.D

Acq: 13 Jul 2022 12:34

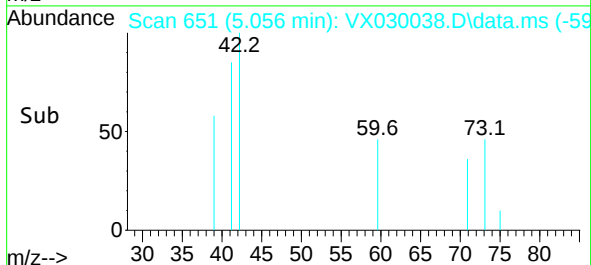
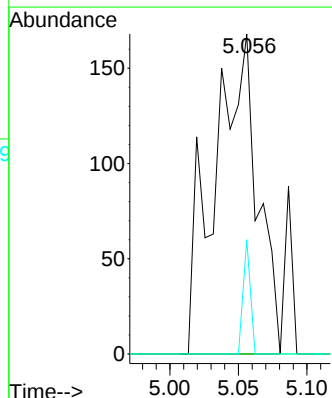
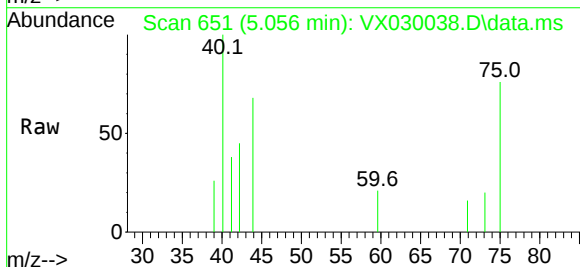
Tgt Ion: 42 Resp: 369

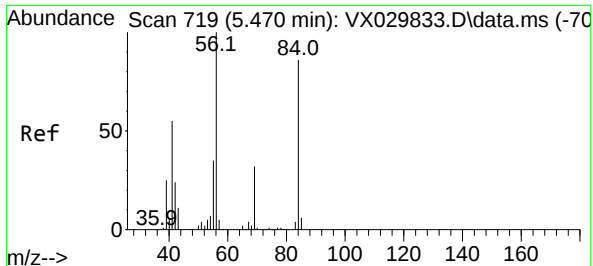
Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

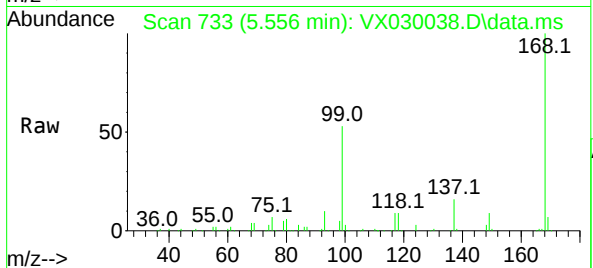
71 6.0 33.9 50.9#



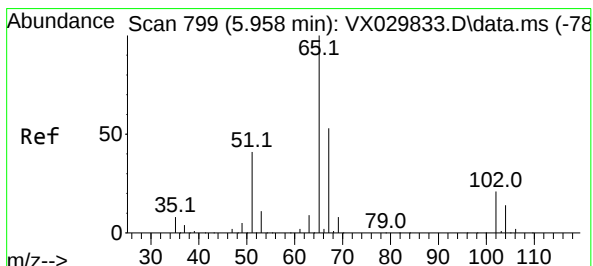
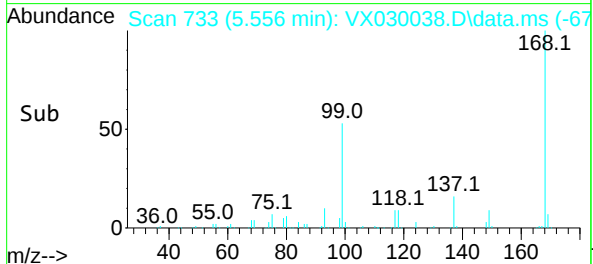
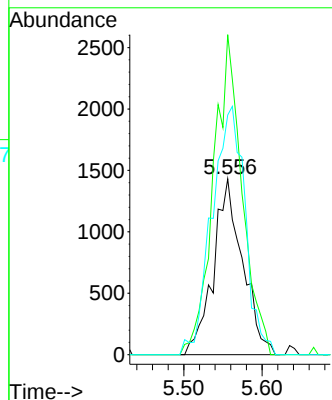


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

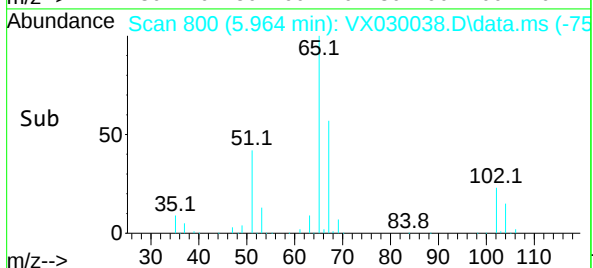
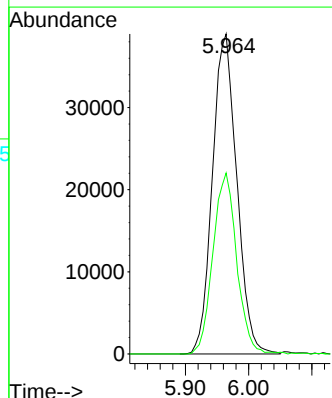
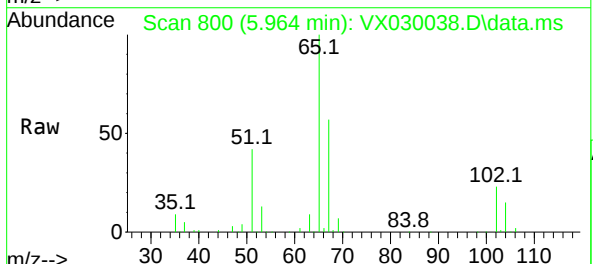


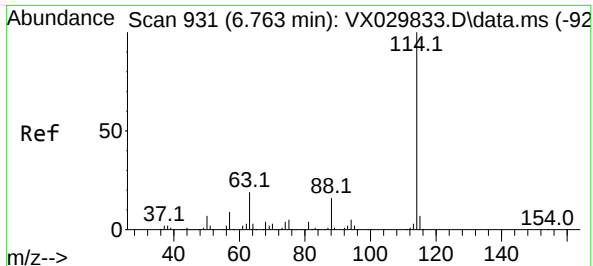
Tgt Ion: 56 Resp: 3722
Ion Ratio Lower Upper
56 100
69 182.0 25.4 38.0#
84 136.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.424 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion: 65 Resp: 104231
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6

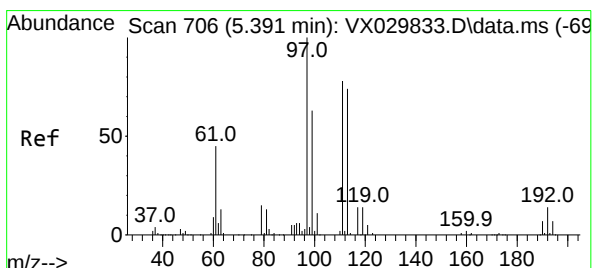
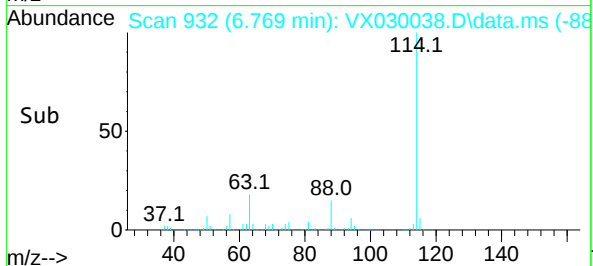
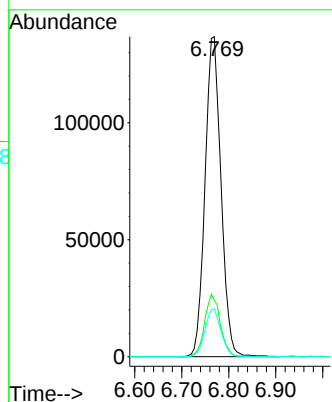
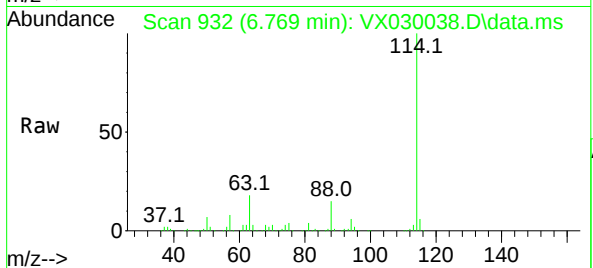




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

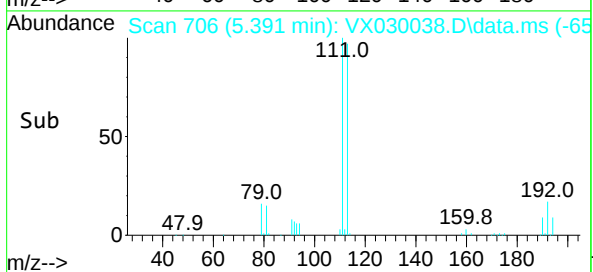
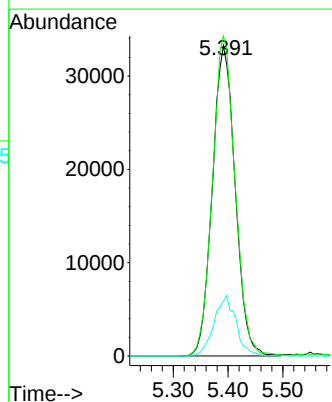
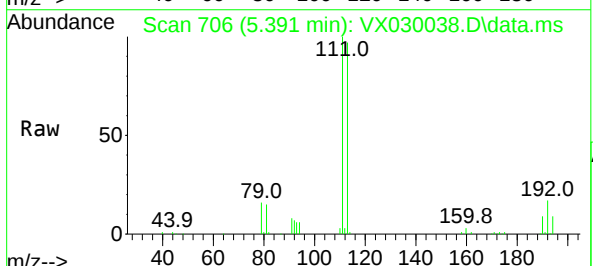
Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

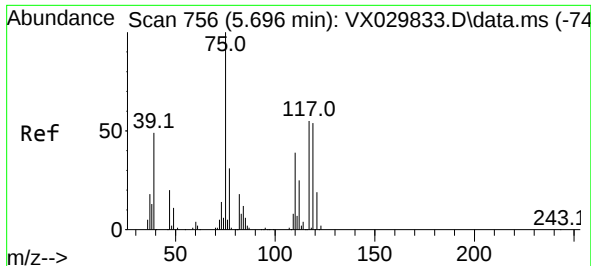
Tgt Ion:114 Resp: 322531
Ion Ratio Lower Upper
114 100
63 17.6 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.661 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion:113 Resp: 96143
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 18.7 14.8 22.2

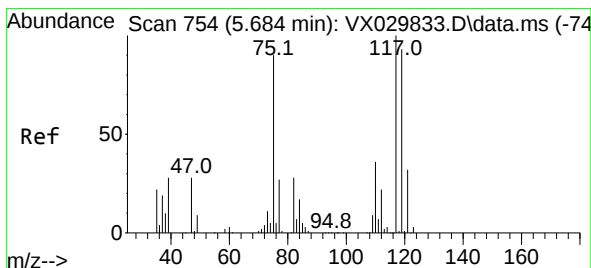
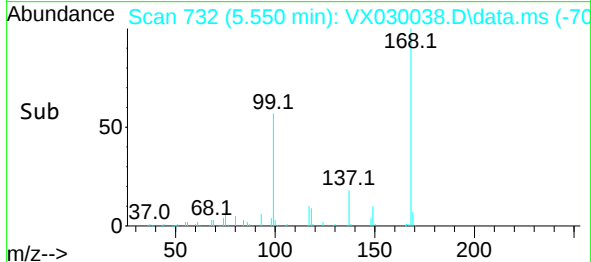
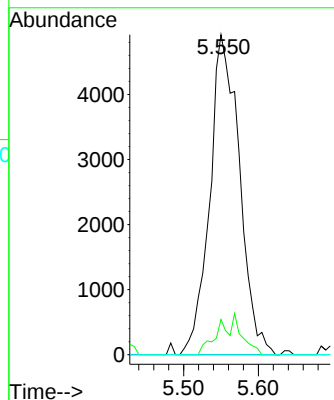
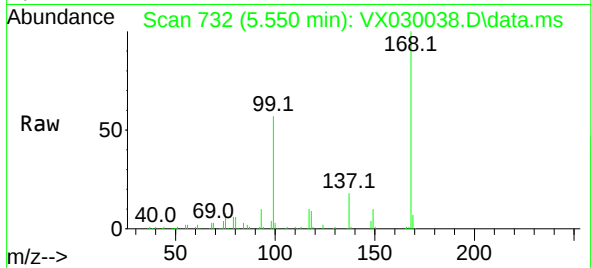




#36
 1,1-Dichloropropene
 Concen: 5.104 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.146 min
 Lab File: VX030038.D
 Acq: 13 Jul 2022 12:34

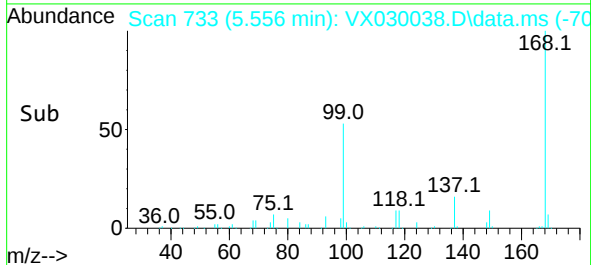
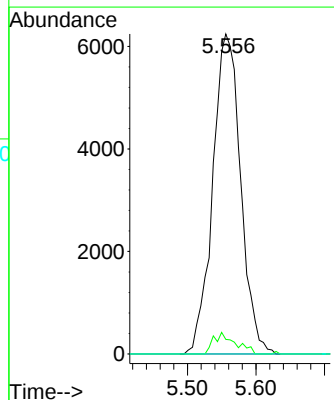
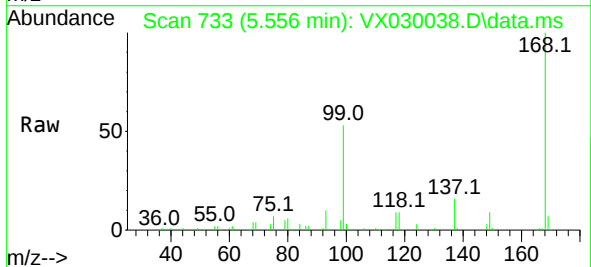
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07112022

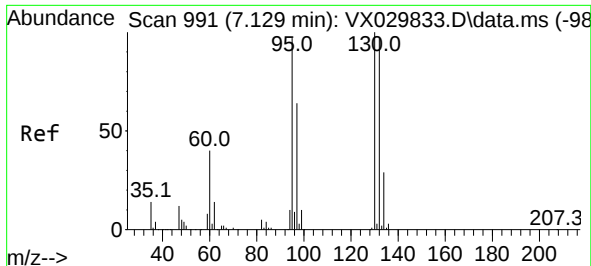
Tgt Ion: 75 Resp: 13585
 Ion Ratio Lower Upper
 75 100
 110 5.4 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.107 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX030038.D
 Acq: 13 Jul 2022 12:34

Tgt Ion: 117 Resp: 17638
 Ion Ratio Lower Upper
 117 100
 119 4.6 74.1 111.1#
 121 0.0 25.8 38.8#





#44

Trichloroethene

Concen: 0.281 ug/l

RT: 7.135 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX030038.D

Acq: 13 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

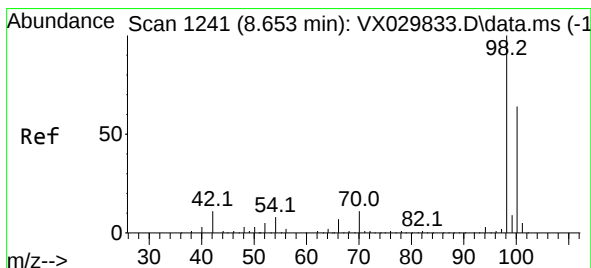
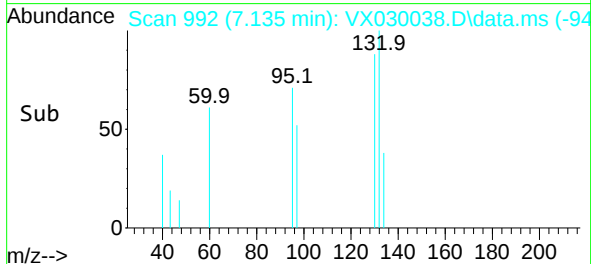
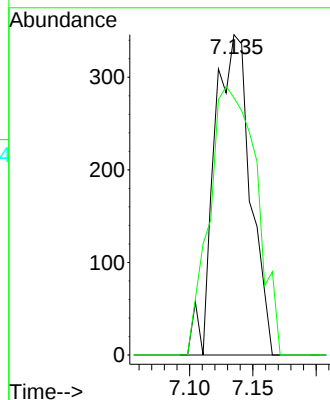
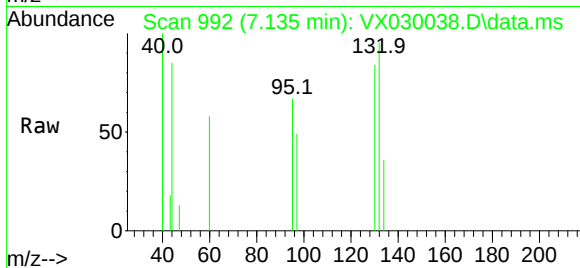
TB-07112022

Tgt Ion:130 Resp: 687

Ion Ratio Lower Upper

130 100

95 80.3 0.0 194.8



#50

Toluene-d8

Concen: 47.672 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030038.D

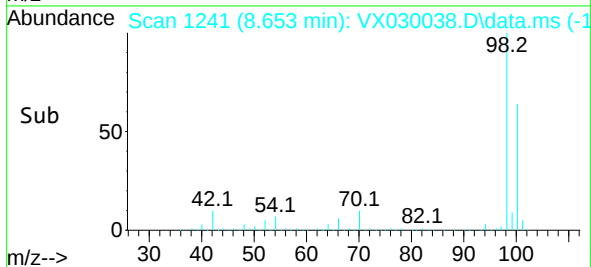
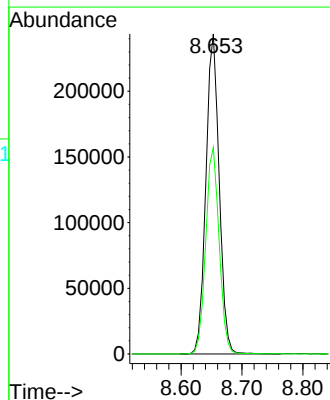
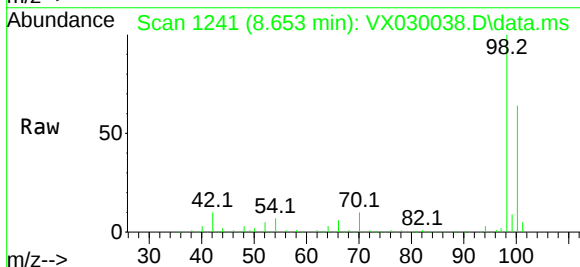
Acq: 13 Jul 2022 12:34

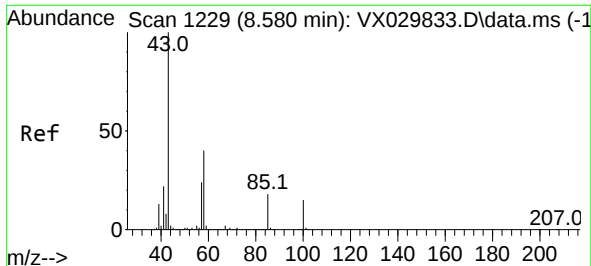
Tgt Ion: 98 Resp: 369426

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.547 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX030038.D

Acq: 13 Jul 2022 12:34

Instrument :

MSVOA_X

ClientSampleId :

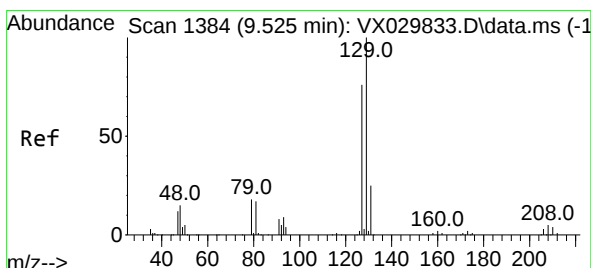
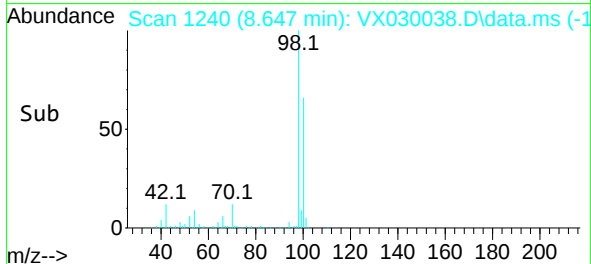
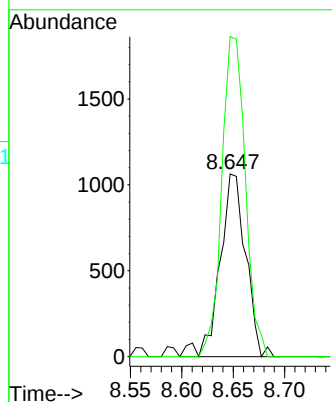
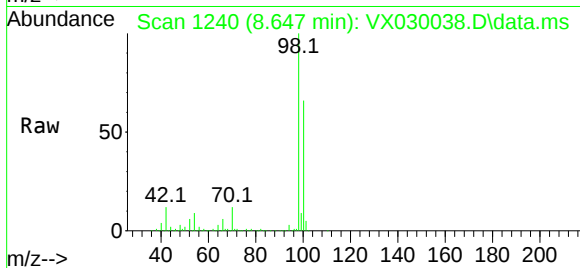
TB-07112022

Tgt Ion: 43 Resp: 1861

Ion Ratio Lower Upper

43 100

58 159.6 31.4 47.2#



#60

Dibromochloromethane

Concen: 3.054 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030038.D

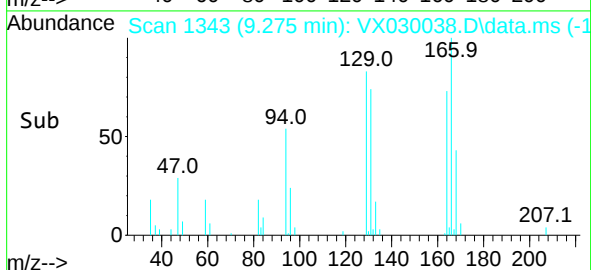
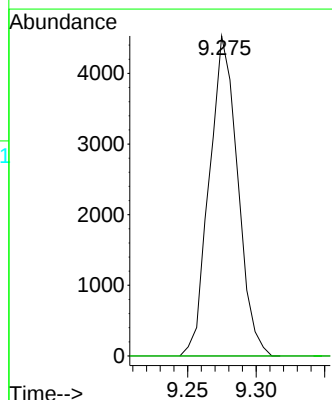
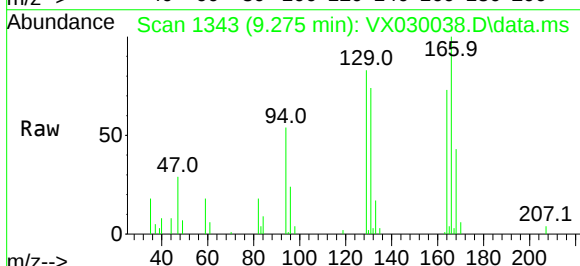
Acq: 13 Jul 2022 12:34

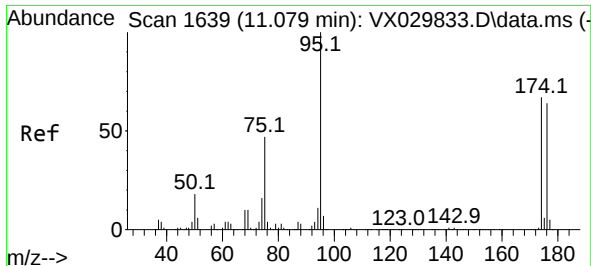
Tgt Ion: 129 Resp: 6526

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

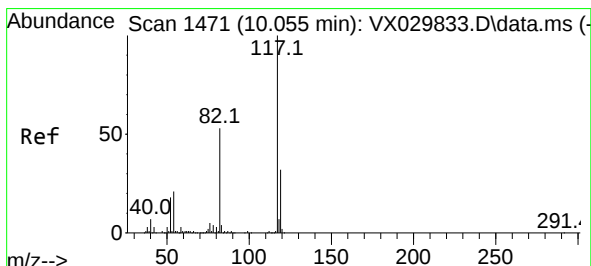
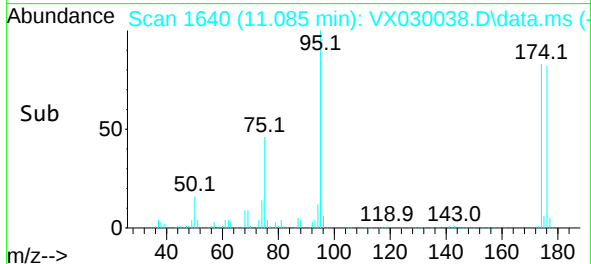
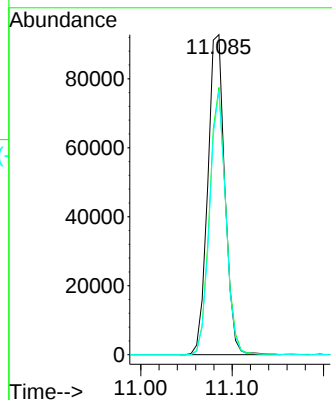
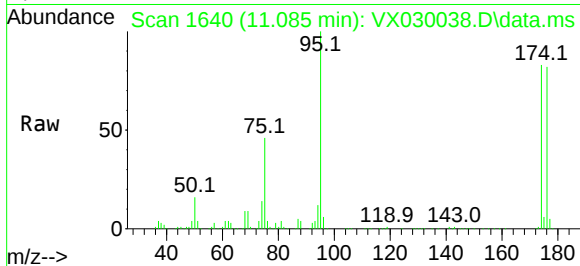




#62
4-Bromofluorobenzene
Concen: 44.598 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

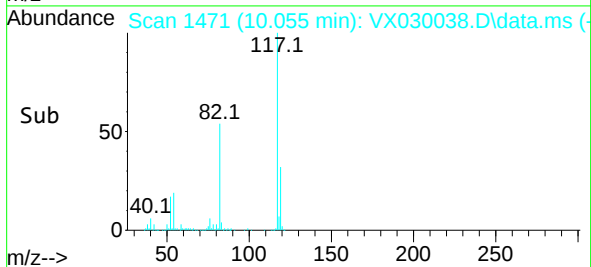
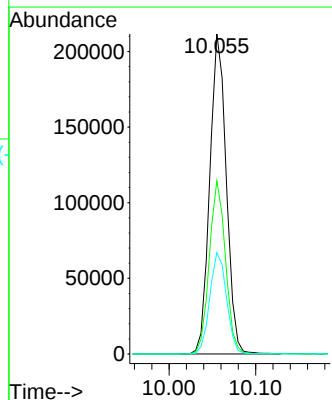
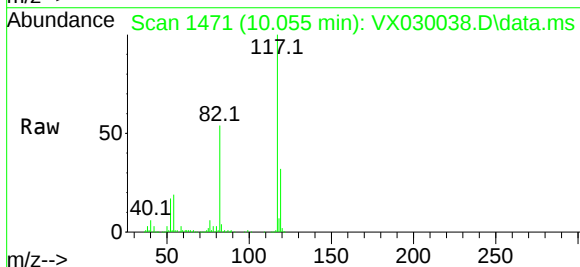
Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

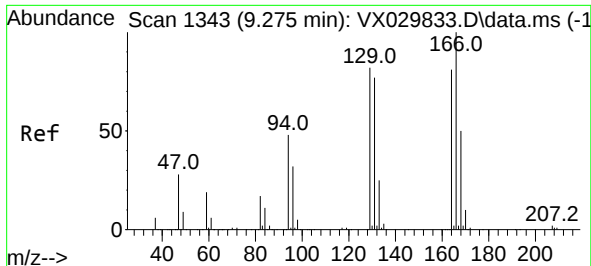
Tgt Ion: 95 Resp: 119932
Ion Ratio Lower Upper
95 100
174 80.2 0.0 149.0
176 77.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion: 117 Resp: 280131
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 31.7 25.4 38.2



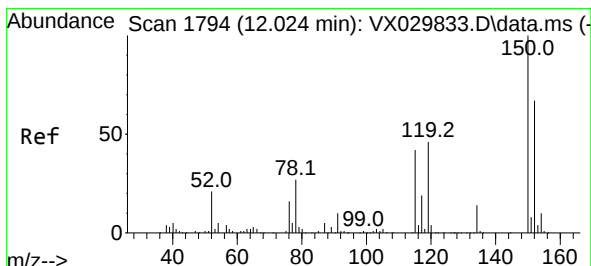
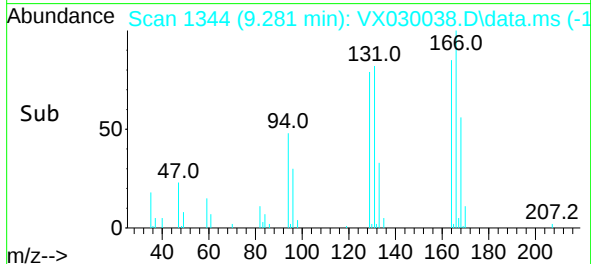
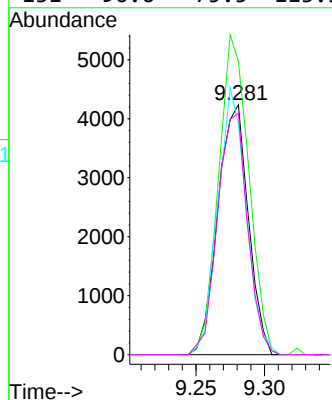
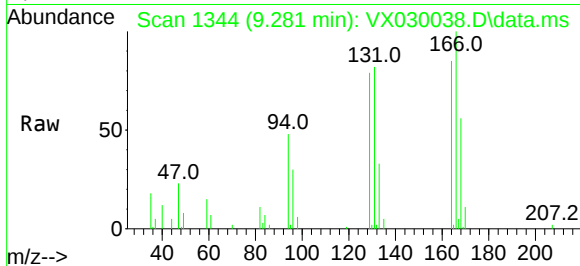


#64
Tetrachloroethene
Concen: 2.917 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

Tgt Ion:164 Resp: 6560

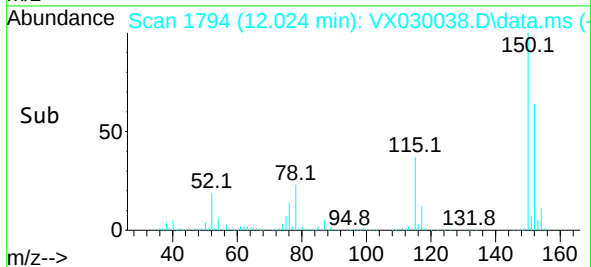
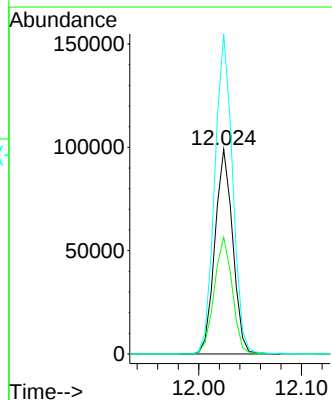
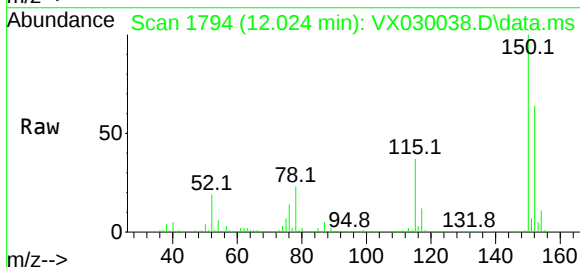
Ion	Ratio	Lower	Upper
164	100		
166	117.2	98.2	147.4
129	92.2	80.8	121.2
131	96.6	75.5	113.3

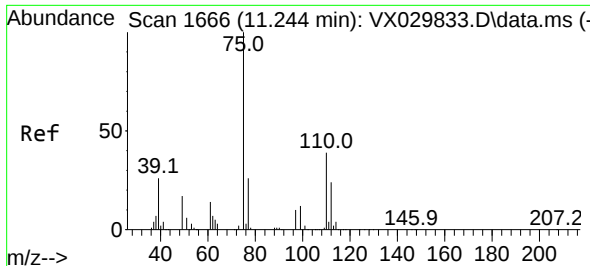


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion:152 Resp: 119082

Ion	Ratio	Lower	Upper
152	100		
115	57.5	40.5	121.5
150	156.1	0.0	347.0

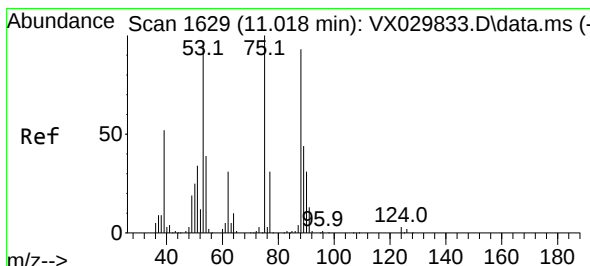
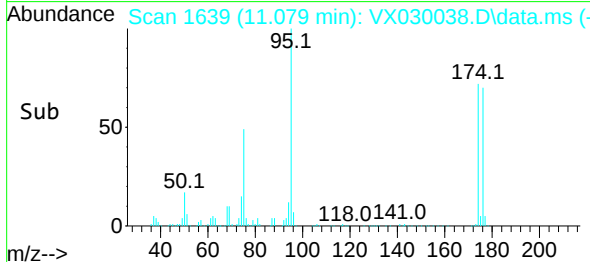
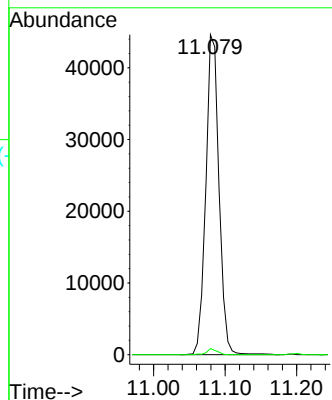
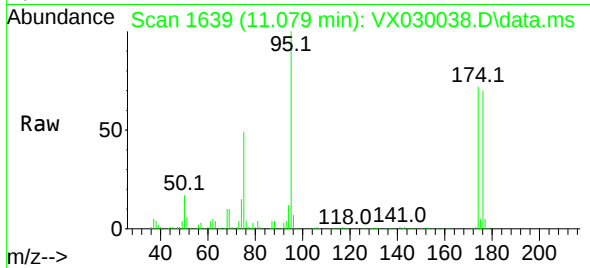




#76
1,2,3-Trichloropropane
Concen: 20.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Instrument :
MSVOA_X
ClientSampleId :
TB-07112022

Tgt Ion: 75 Resp: 57182
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030038.D
Acq: 13 Jul 2022 12:34

Tgt Ion: 75 Resp: 57182
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

