

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030087.D
 Acq On : 15 Jul 2022 13:30
 Operator : JC/MD
 Sample : N3735-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GWOW-BR-03-370-390-071422-FD

Quant Time: Jul 16 06:01:48 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)

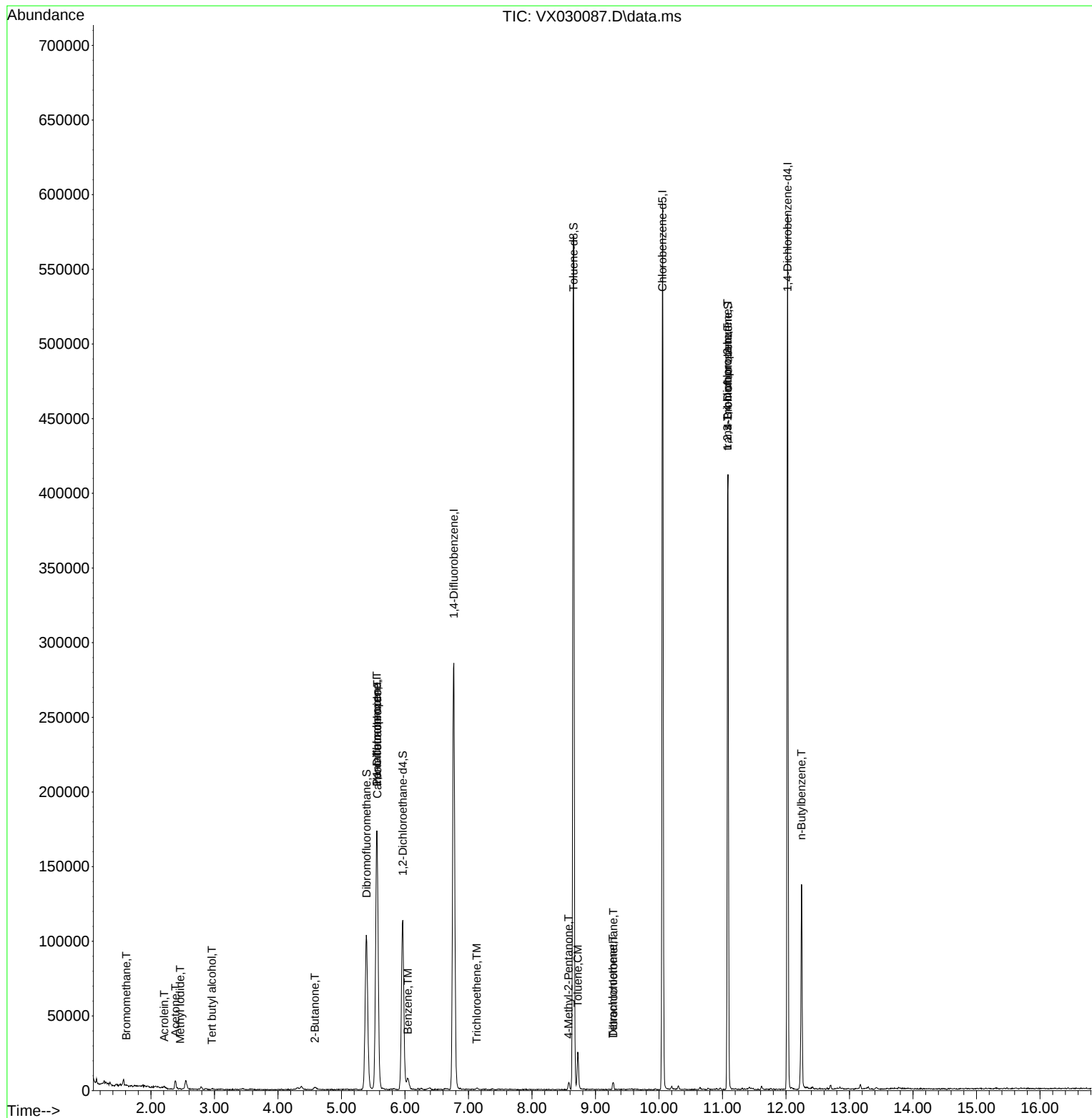
Internal Standards						
1) Pentafluorobenzene	5.556	168	167035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	303339	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101000	49.677	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.360%		
35) Dibromofluoromethane	5.397	113	91408	47.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	8.653	98	345312	47.380	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.760%		
62) 4-Bromofluorobenzene	11.085	95	118145	46.713	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.420%		
Target Compounds					Qvalue	
5) Bromomethane	1.612	94	173	0.211	ug/l #	78
10) Methyl Iodide	2.459	142	383	2.626	ug/l #	85
11) Tert butyl alcohol	2.959	59	670	1.277	ug/l #	74
13) Acrolein	2.209	56	53	0.507	ug/l #	60
16) Acetone	2.386	43	6118	6.386	ug/l	95
17) Carbon Disulfide	2.508	76	748	Below Cal	#	74
20) Methylene Chloride	2.788	84	670	Below Cal	#	77
25) 2-Butanone	4.581	43	3071	1.882	ug/l #	70
36) 1,1-Dichloropropene	5.556	75	13087	5.228	ug/l #	48
38) Carbon Tetrachloride	5.562	117	16071	6.885	ug/l #	17
40) Benzene	6.044	78	8570	1.088	ug/l	95
44) Trichloroethene	7.129	130	551	0.239	ug/l	72
51) 4-Methyl-2-Pentanone	8.574	43	3033	0.948	ug/l	94
52) Toluene	8.720	92	8805	1.760	ug/l	90
60) Dibromochloromethane	9.281	129	1143	0.569	ug/l #	11
64) Tetrachloroethene	9.275	164	910	0.428	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	55781	20.968	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55781	60.514	ug/l #	12
89) n-Butylbenzene	12.244	91	8336	1.347	ug/l #	43

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

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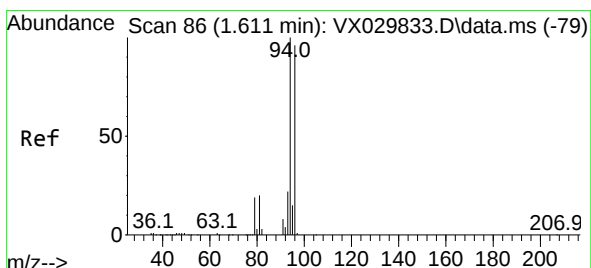
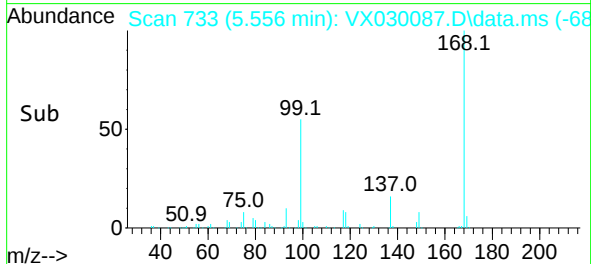
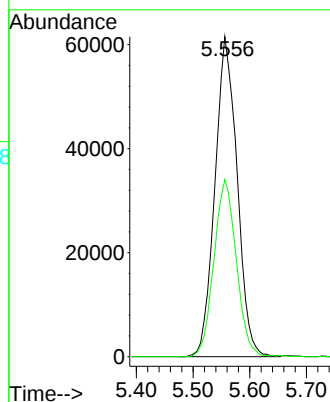
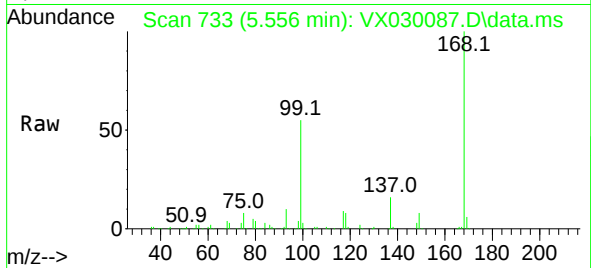




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

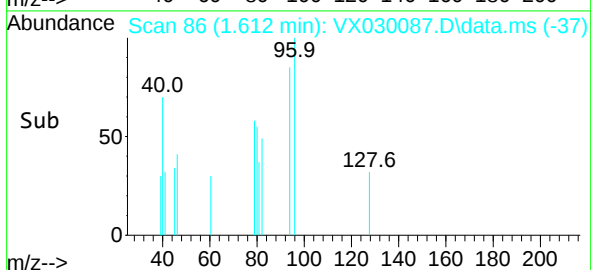
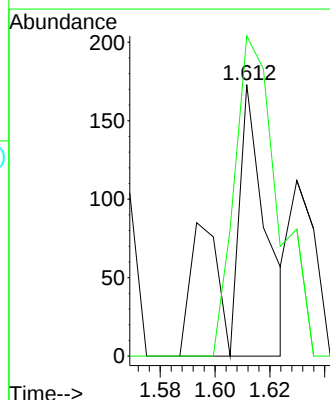
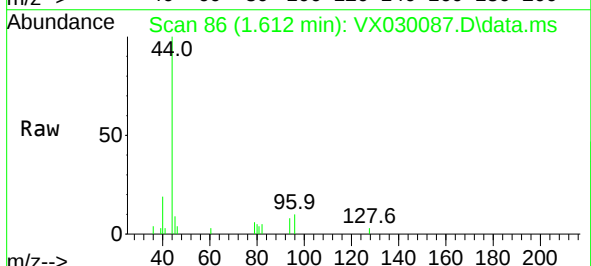
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-370-390-071422-FD

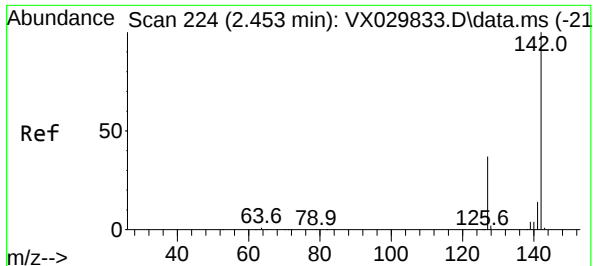
Tgt Ion:168 Resp: 167035
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#5
Bromomethane
Concen: 0.211 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 117.9 76.9 115.3#

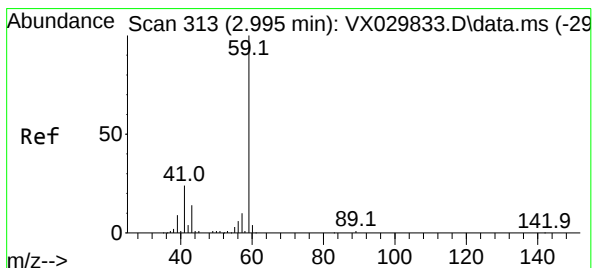
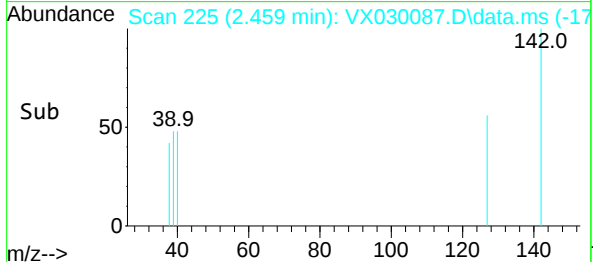
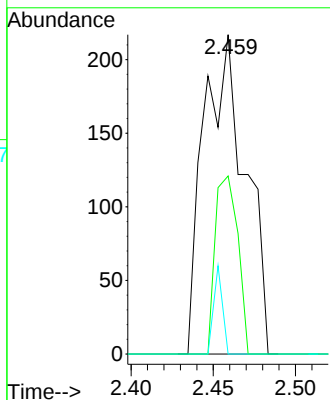
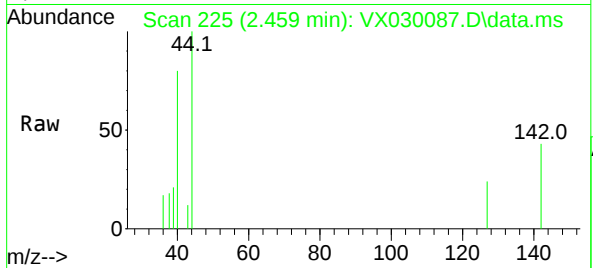




#10
Methyl Iodide
Concen: 2.626 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

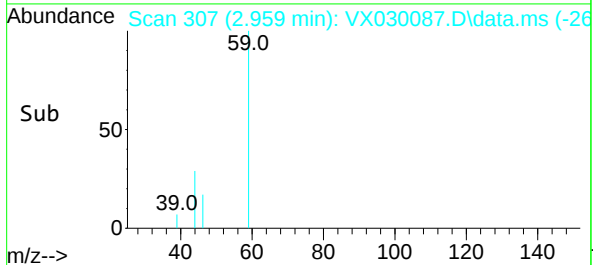
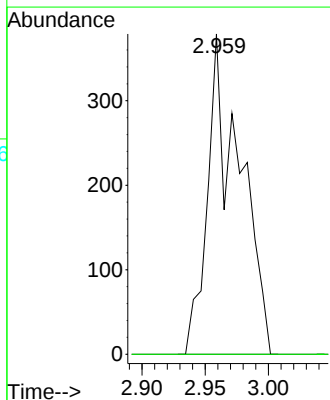
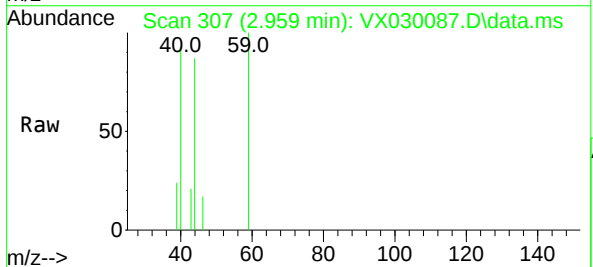
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-370-390-071422-FD

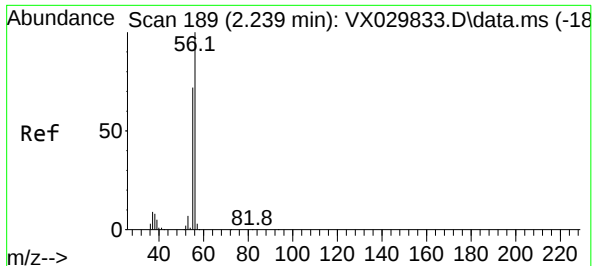
Tgt Ion:142 Resp: 383
Ion Ratio Lower Upper
142 100
127 30.3 30.2 45.2
141 5.7 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.277 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.036 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 59 Resp: 670
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

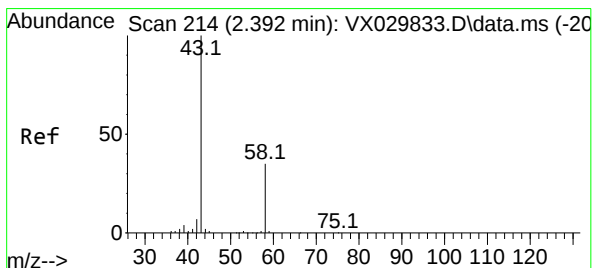
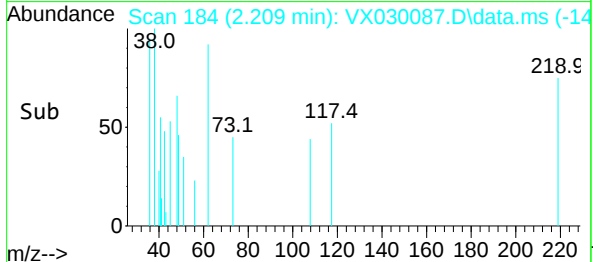
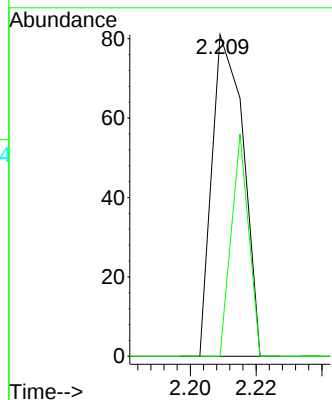
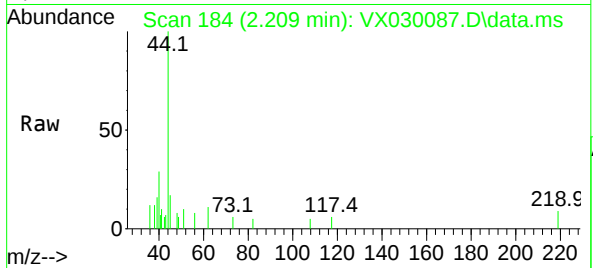




#13
Acrolein
Concen: 0.507 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

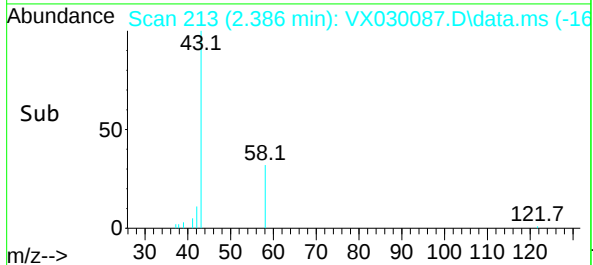
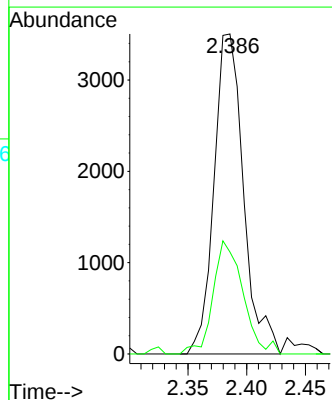
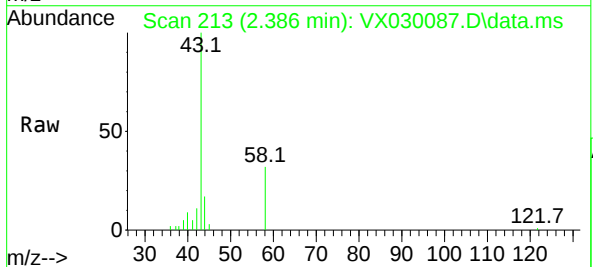
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-370-390-071422-FD

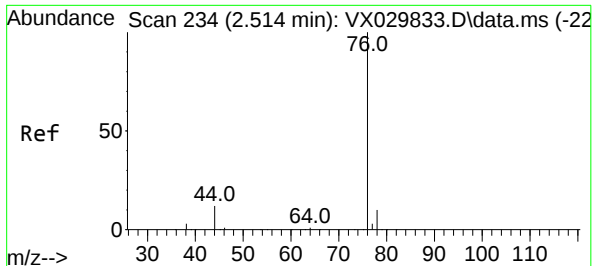
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 37.7 56.6 84.8#



#16
Acetone
Concen: 6.386 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 43 Resp: 6118
Ion Ratio Lower Upper
43 100
58 31.9 27.7 41.5





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030087.D

Acq: 15 Jul 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

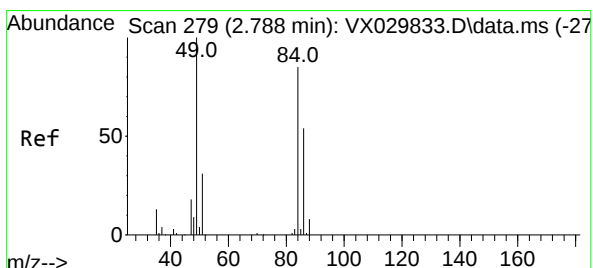
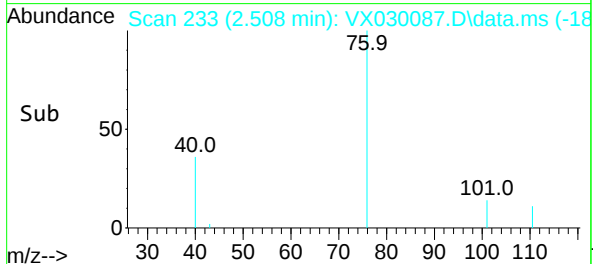
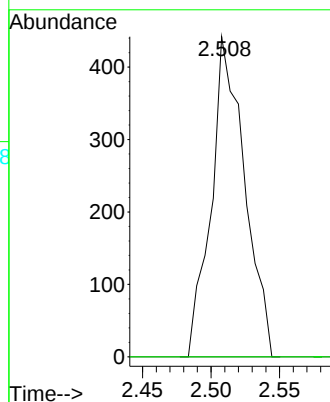
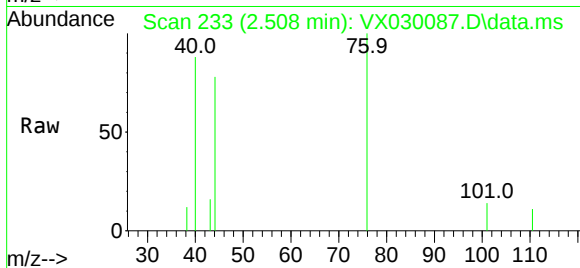
GWOW-BR-03-370-390-071422-FD

Tgt Ion: 76 Resp: 748

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: VX030087.D

Acq: 15 Jul 2022 13:30

Tgt Ion: 84 Resp: 670

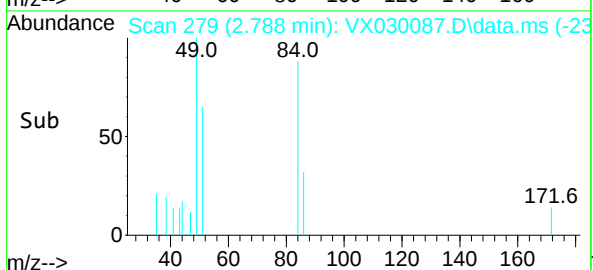
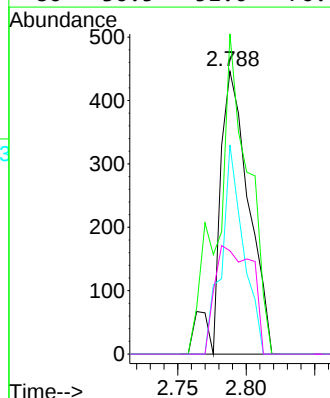
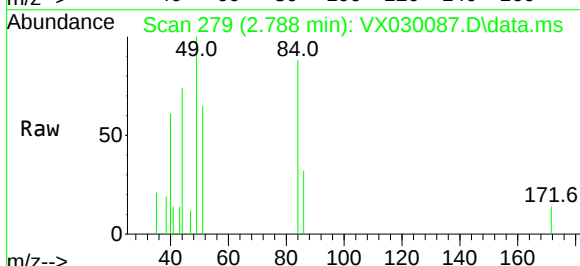
Ion Ratio Lower Upper

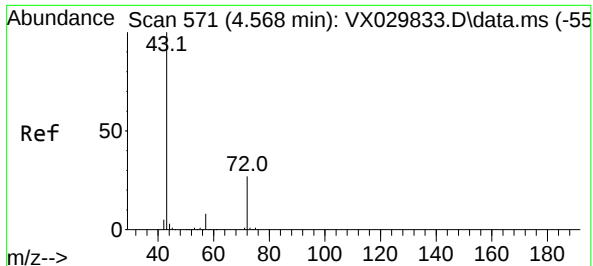
84 100

49 113.2 93.8 140.6

51 74.0 29.4 44.0#

86 36.5 51.0 76.4#

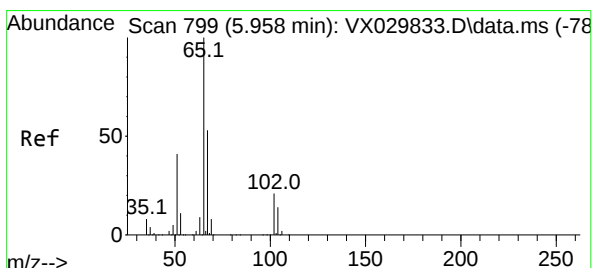
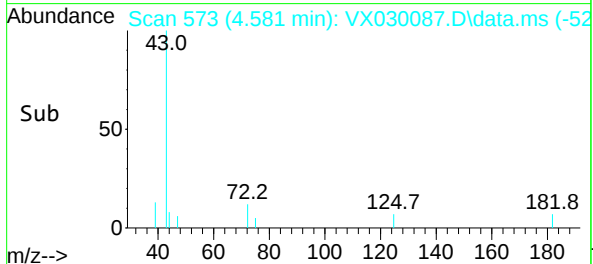
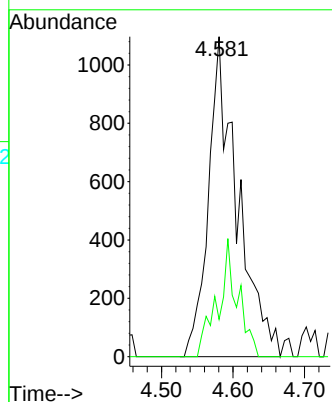
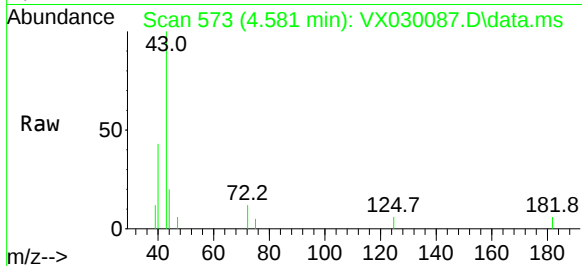




#25
2-Butanone
Concen: 1.882 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

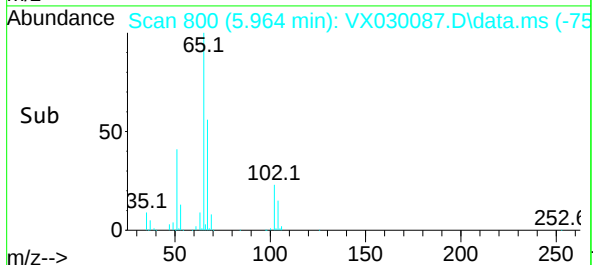
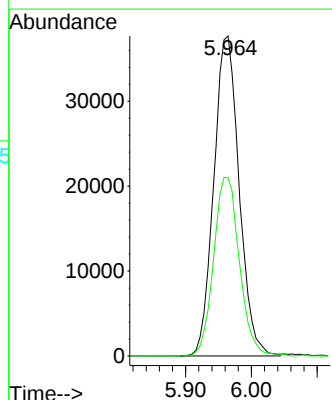
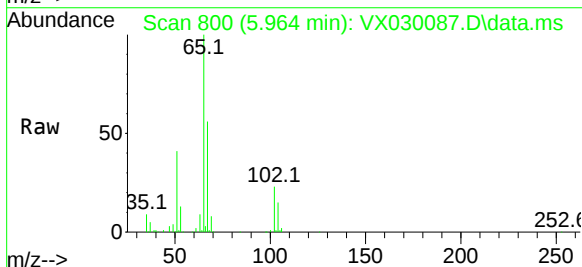
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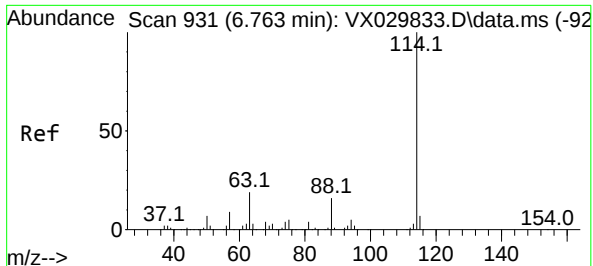
Tgt Ion: 43 Resp: 3071
Ion Ratio Lower Upper
43 100
72 11.7 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 49.677 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 65 Resp: 101000
Ion Ratio Lower Upper
65 100
67 56.8 0.0 109.6

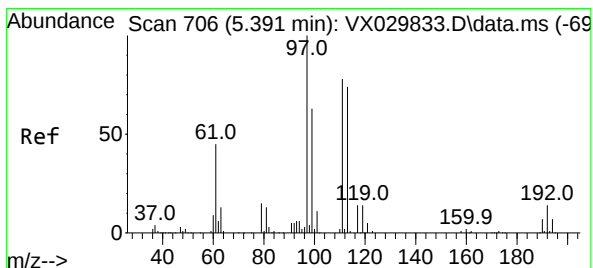
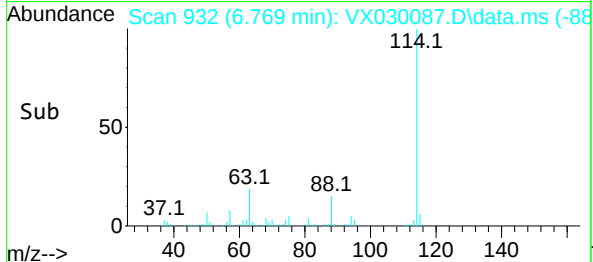
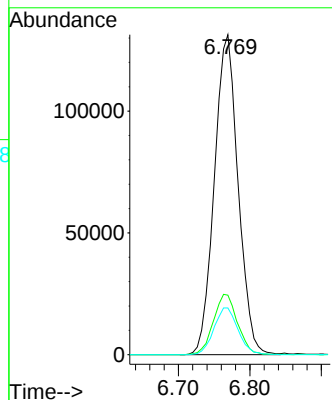
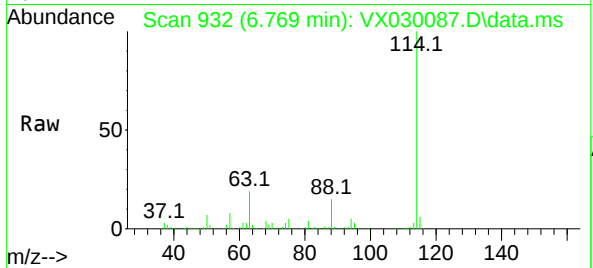




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

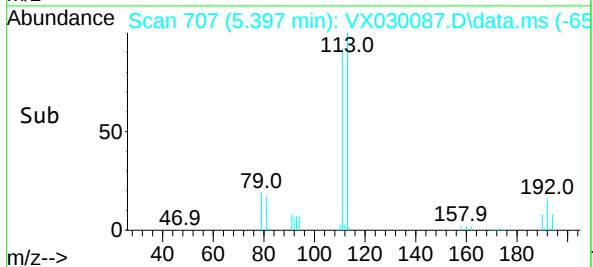
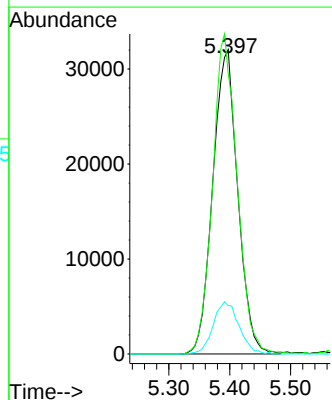
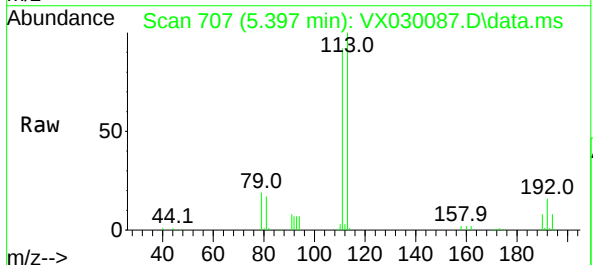
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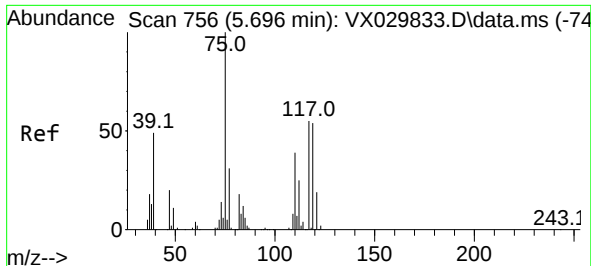
Tgt Ion:114 Resp: 303339
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.170 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion:113 Resp: 91408
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.6 14.8 22.2

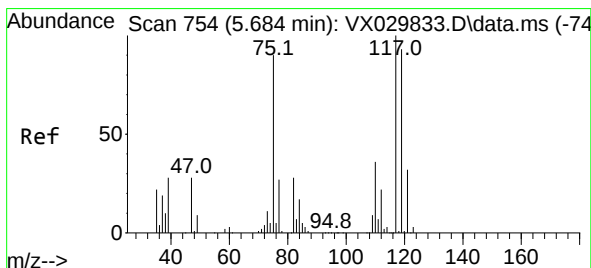
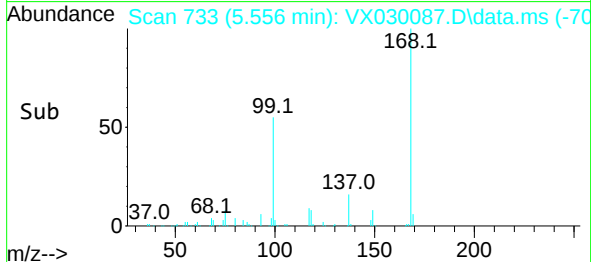
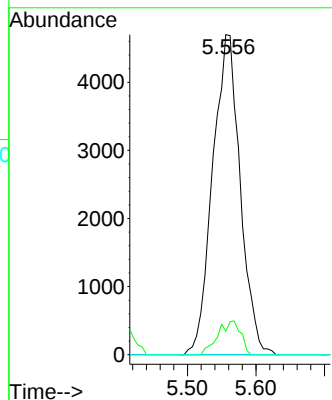
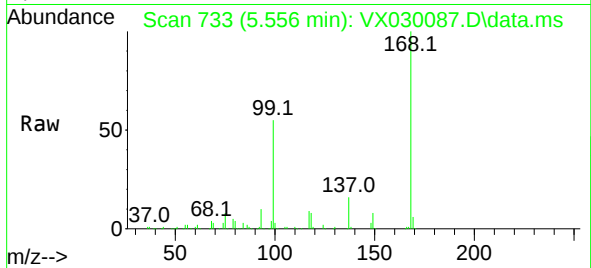




#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

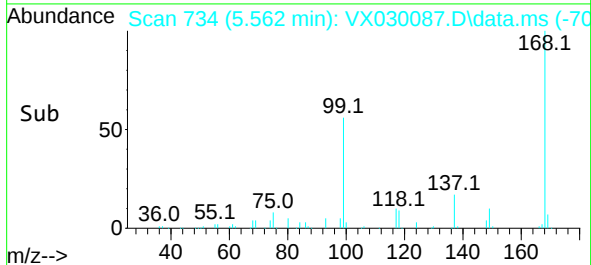
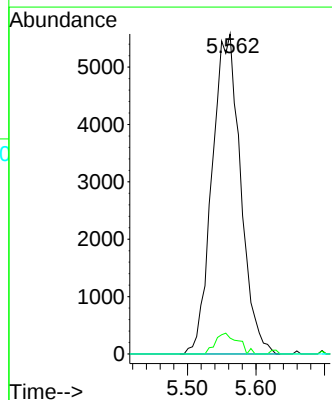
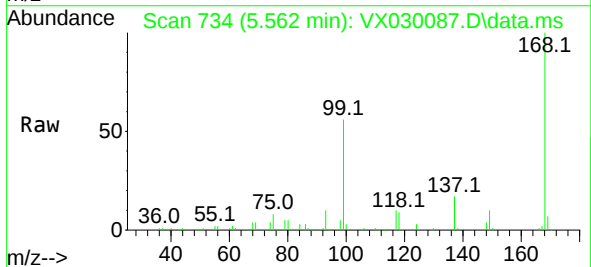
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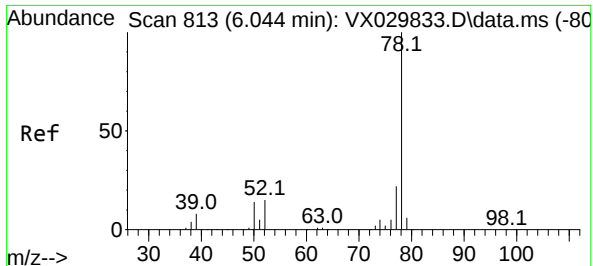
Tgt Ion: 75 Resp: 13087
Ion Ratio Lower Upper
75 100
110 8.8 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.885 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 117 Resp: 16071
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 25.8 38.8#

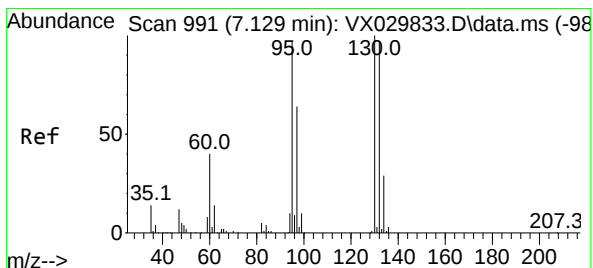
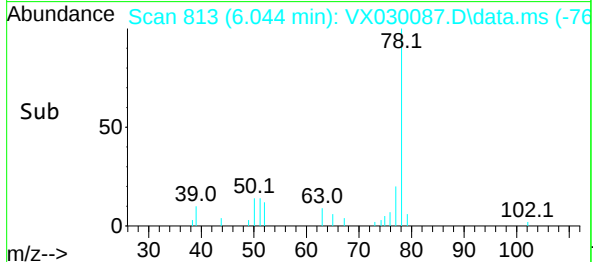
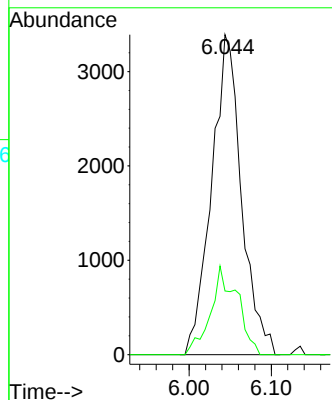
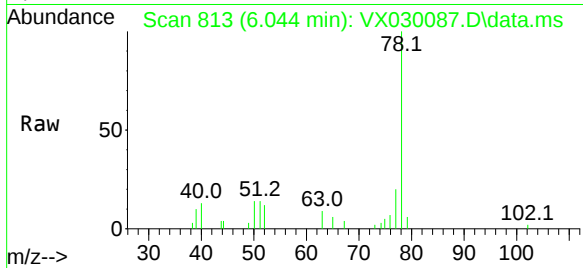




#40
Benzene
Concen: 1.088 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

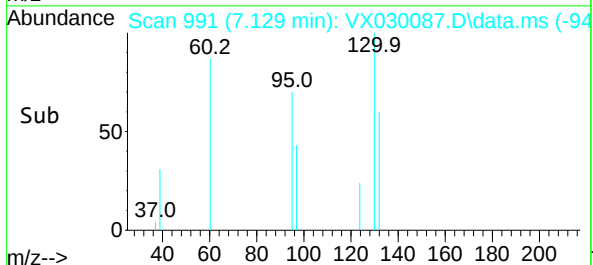
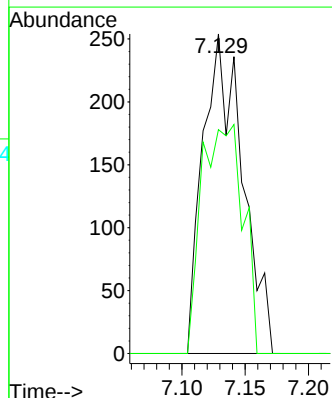
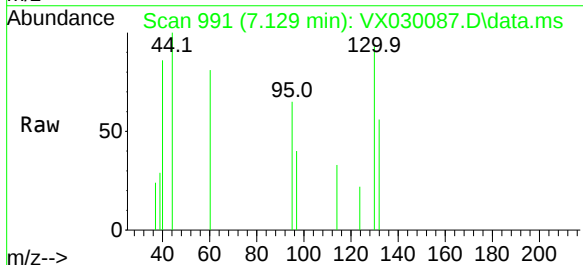
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-370-390-071422-FD

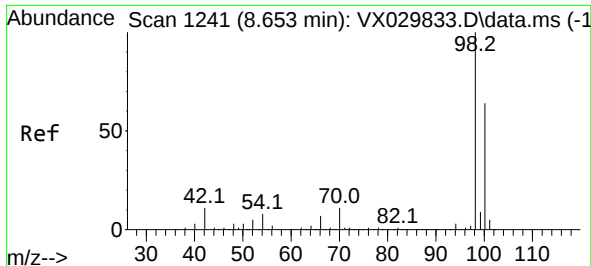
Tgt Ion: 78 Resp: 8570
Ion Ratio Lower Upper
78 100
77 19.9 18.0 27.0



#44
Trichloroethene
Concen: 0.239 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion:130 Resp: 551
Ion Ratio Lower Upper
130 100
95 70.1 0.0 194.8

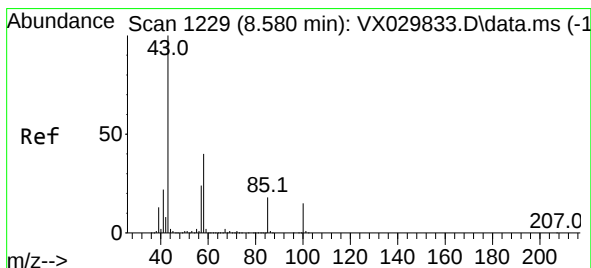
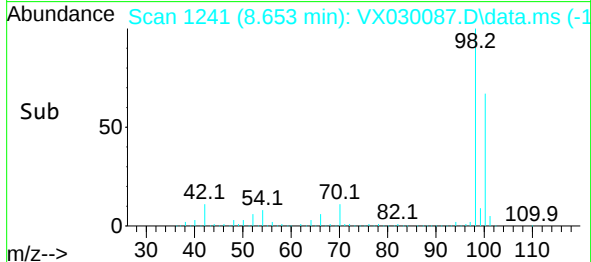
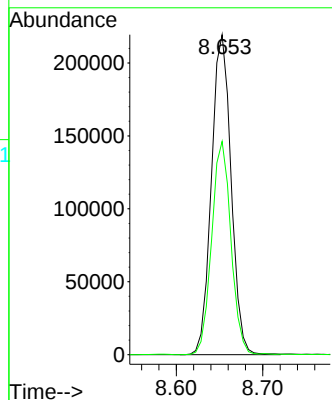
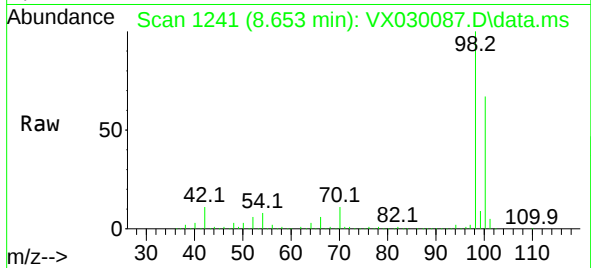




#50
Toluene-d8
Concen: 47.380 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

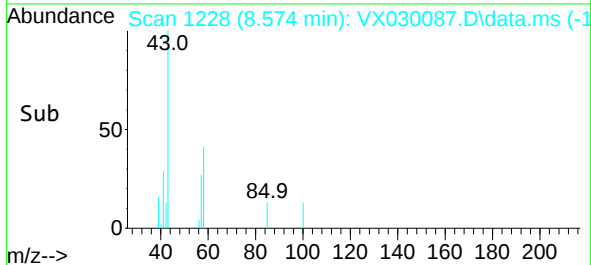
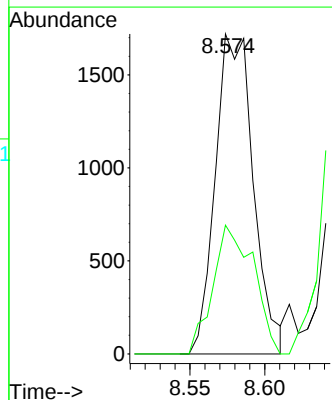
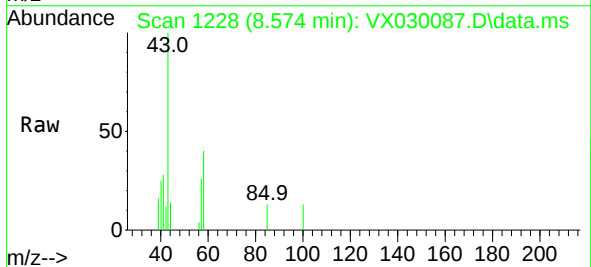
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-370-390-071422-FD

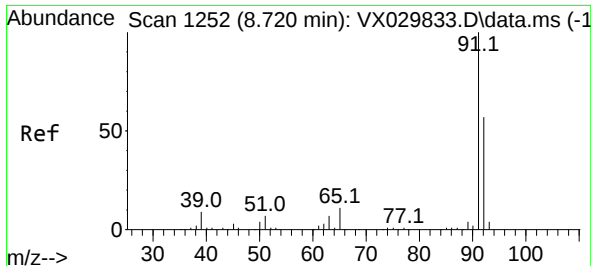
Tgt Ion: 98 Resp: 345312
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.948 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 43 Resp: 3033
Ion Ratio Lower Upper
43 100
58 43.0 31.4 47.2

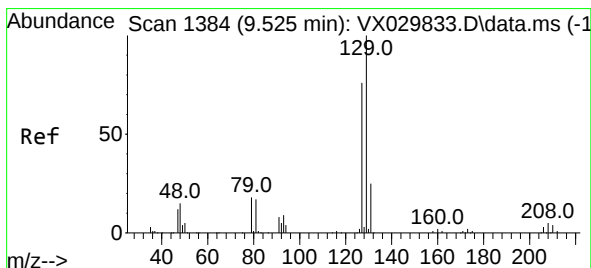
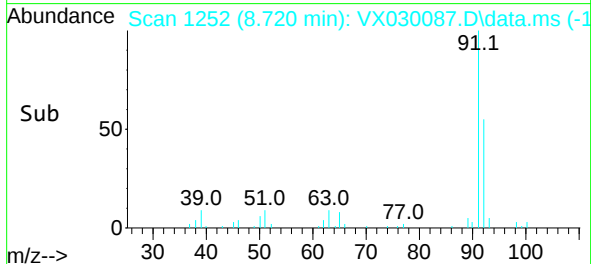
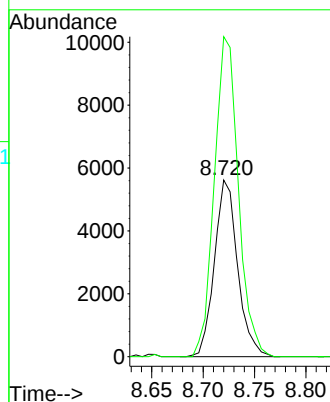
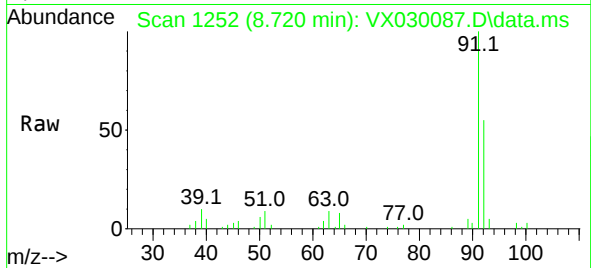




#52
Toluene
Concen: 1.760 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

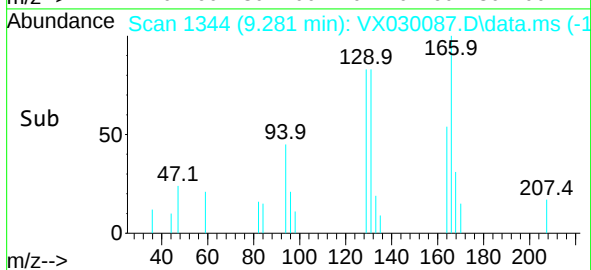
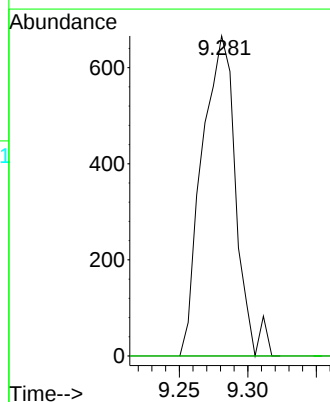
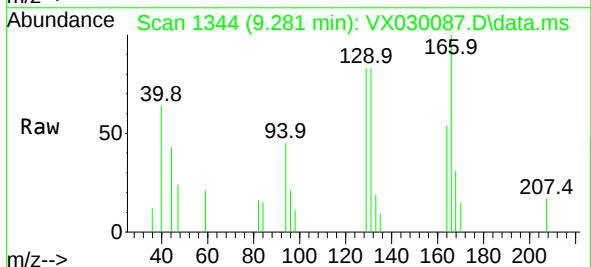
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-370-390-071422-FD

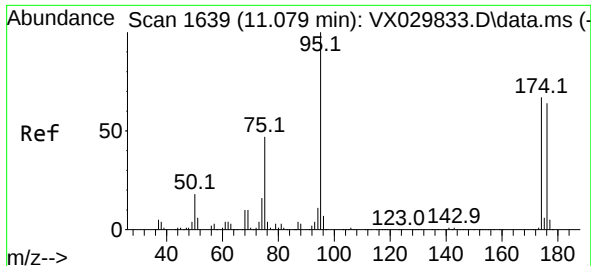
Tgt Ion: 92 Resp: 8805
Ion Ratio Lower Upper
92 100
91 187.9 139.2 208.8



#60
Dibromochloromethane
Concen: 0.569 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 129 Resp: 1143
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

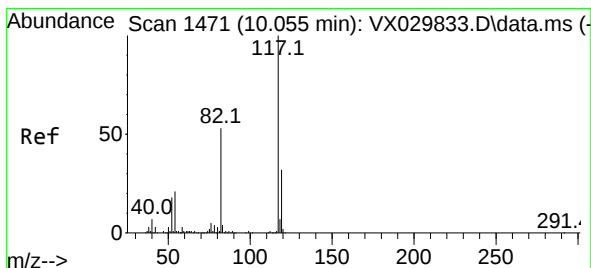
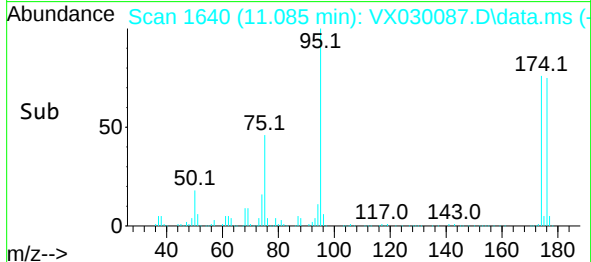
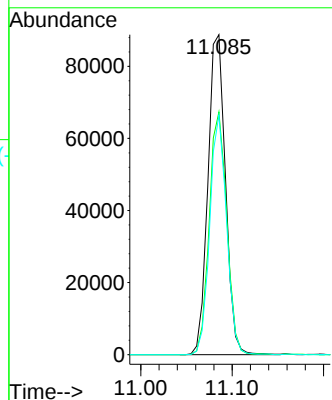
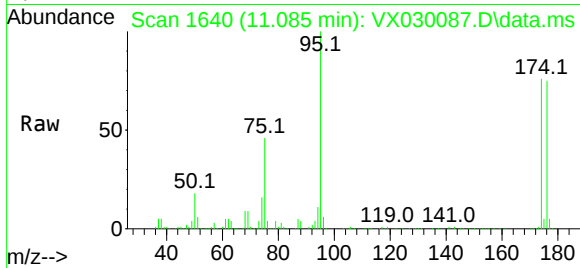




#62
4-Bromofluorobenzene
Concen: 46.713 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

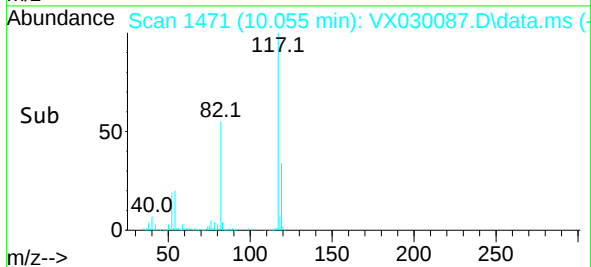
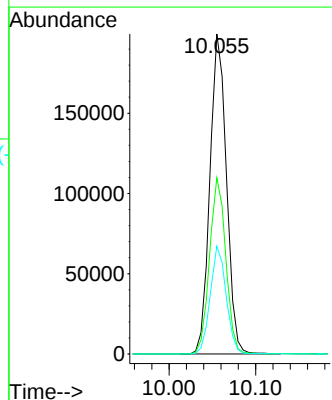
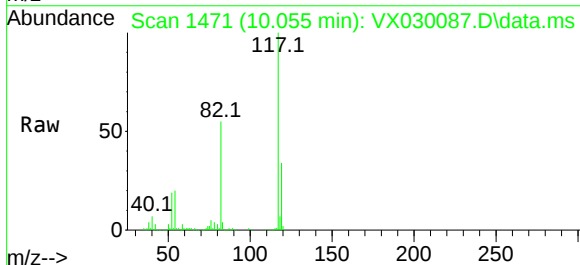
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-370-390-071422-FD

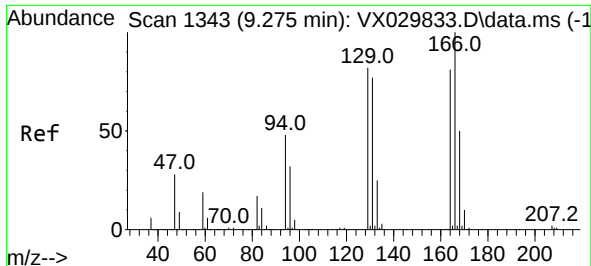
Tgt Ion: 95 Resp: 118145
Ion Ratio Lower Upper
95 100
174 75.8 0.0 149.0
176 71.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 117 Resp: 264654
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 33.7 25.4 38.2

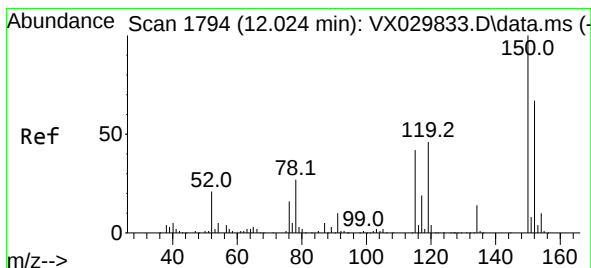
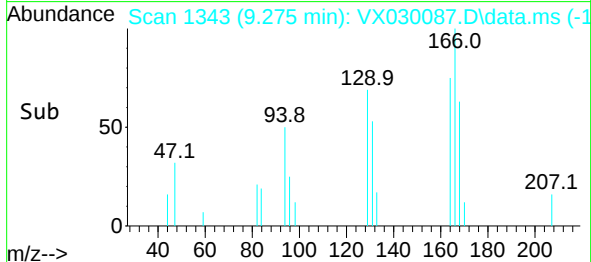
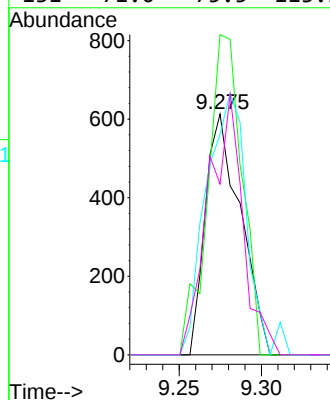
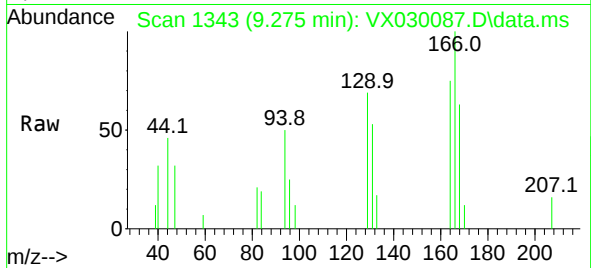




#64
Tetrachloroethene
Concen: 0.428 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

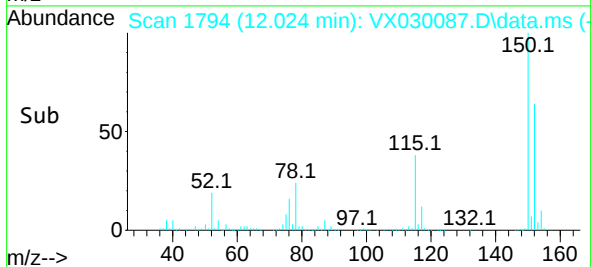
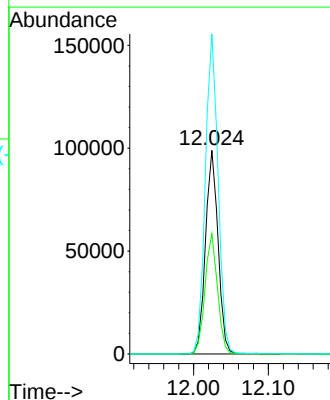
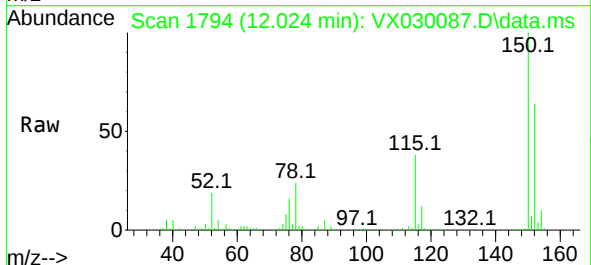
Instrument : MSVOA_X
ClientSampleId : GWOW-BR-03-370-390-071422-FD

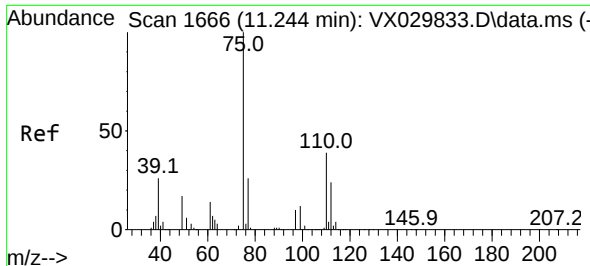
Tgt Ion:164	Resp:	910
Ion	Ratio	Lower Upper
164	100	
166	133.0	98.2 147.4
129	91.5	80.8 121.2
131	71.0	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion:152	Resp:	115703
Ion	Ratio	Lower Upper
152	100	
115	58.8	40.5 121.5
150	159.0	0.0 347.0

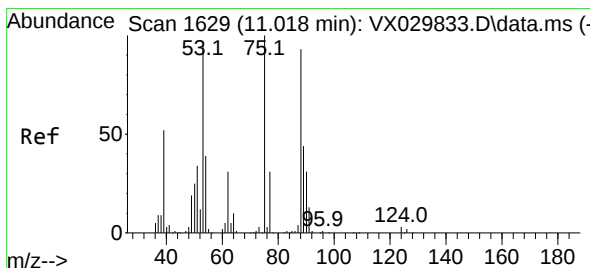
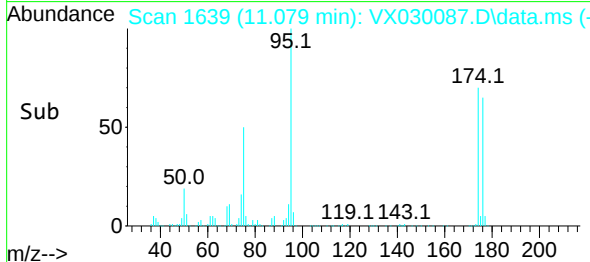
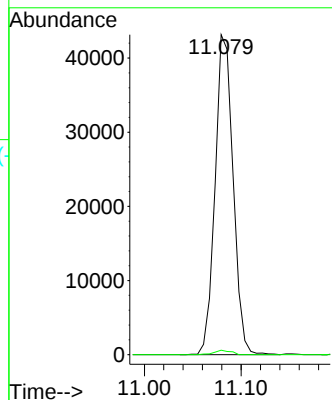
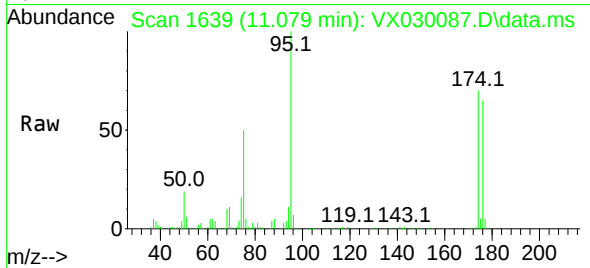




#76
1,2,3-Trichloropropane
Concen: 20.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

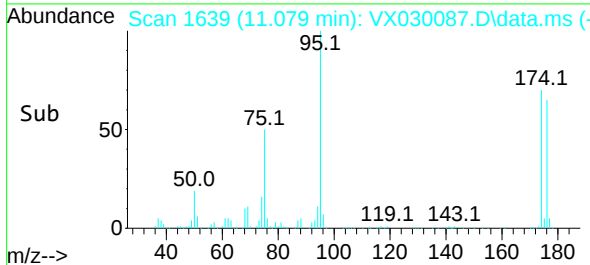
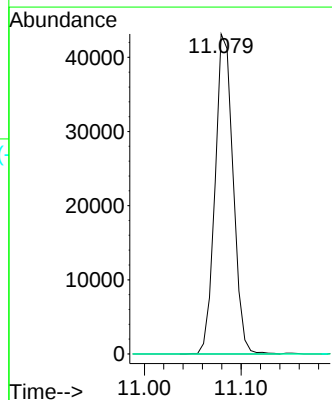
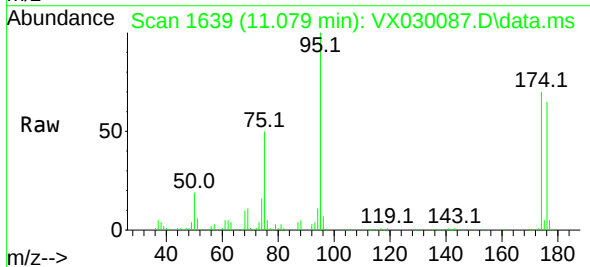
Instrument :
MSVOA_X
ClientSampleId :
GWOW-BR-03-370-390-071422-FD

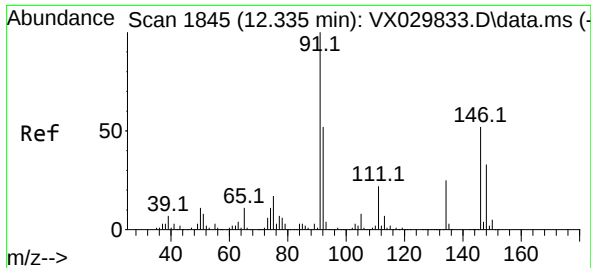
Tgt Ion: 75 Resp: 55781
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.514 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030087.D
Acq: 15 Jul 2022 13:30

Tgt Ion: 75 Resp: 55781
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#89

n-Butylbenzene

Concen: 1.347 ug/l

RT: 12.244 min Scan# 11

Delta R.T. -0.091 min

Lab File: VX030087.D

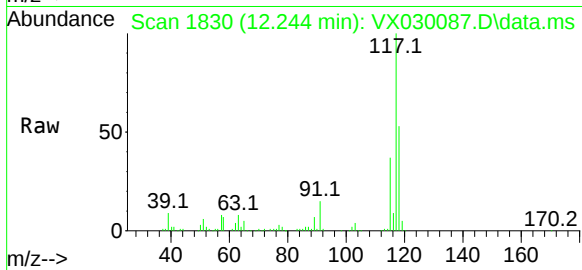
Acq: 15 Jul 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

GWOW-BR-03-370-390-071422-FD



Tgt Ion: 91 Resp: 8336

Ion Ratio Lower Upper

91 100

92 10.1 26.2 78.5#

134 0.0 12.6 37.8#

