

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023958.D
 Acq On : 26 Aug 2021 12:24
 Operator : JC/MD
 Sample : M3525-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-082121

Quant Time: Aug 27 05:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

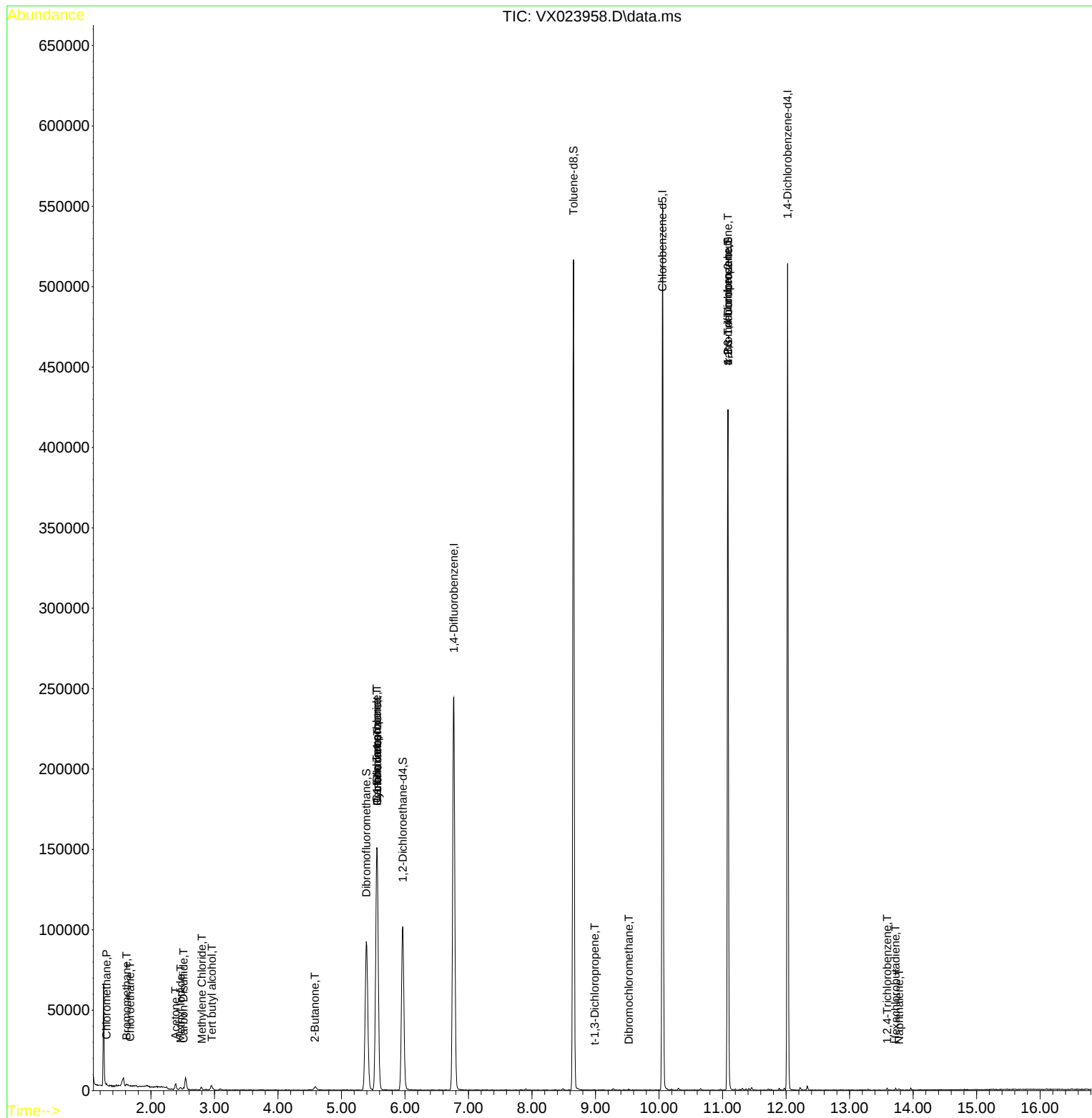
Internal Standards						
1) Pentafluorobenzene	5.562	168	141717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102177	51.659	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.320%			
35) Dibromofluoromethane	5.391	113	79046	49.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.420%			
50) Toluene-d8	8.653	98	294081	48.103	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.200%			
62) 4-Bromofluorobenzene	11.085	95	106627	47.378	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.760%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	426	0.260	ug/l #	54
5) Bromomethane	1.618	94	798	0.793	ug/l	82
6) Chloroethane	1.672	64	94	2.285	ug/l #	43
10) Methyl Iodide	2.465	142	1778	0.898	ug/l	91
11) Tert butyl alcohol	2.959	59	2024	5.060	ug/l #	73
16) Acetone	2.386	43	3959	4.477	ug/l #	87
17) Carbon Disulfide	2.514	76	1362	0.420	ug/l	97
20) Methylene Chloride	2.800	84	686	0.406	ug/l #	80
25) 2-Butanone	4.580	43	285	0.213	ug/l #	45
31) Cyclohexane	5.562	56	3178	1.251	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	11383	5.065	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15054	6.424	ug/l #	17
53) t-1,3-Dichloropropene	8.988	75	71	2.161	ug/l #	44
60) Dibromochloromethane	9.525	129	18	1.697	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58167	25.336	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58167	74.527	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	417	0.214	ug/l	73
94) Hexachlorobutadiene	13.725	225	262	0.301	ug/l	92
95) Naphthalene	13.780	128	759	1.385	ug/l #	80

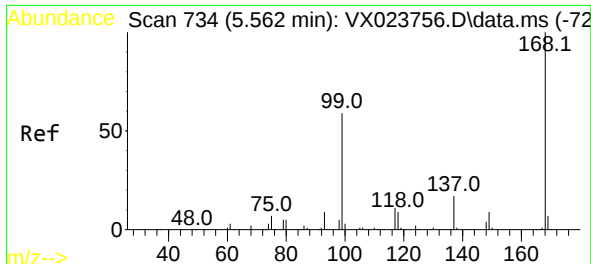
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
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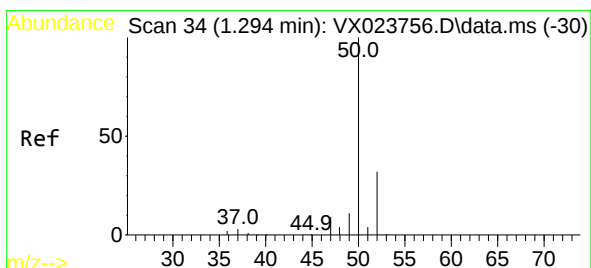
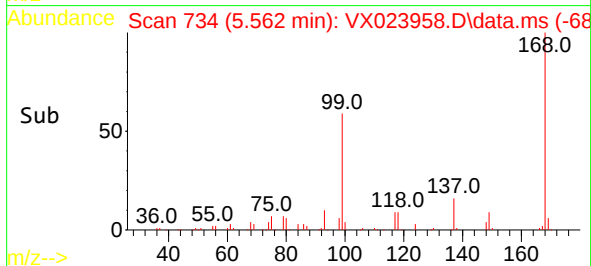
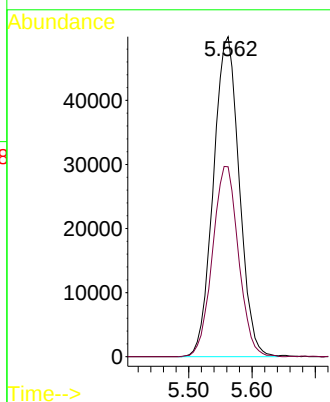
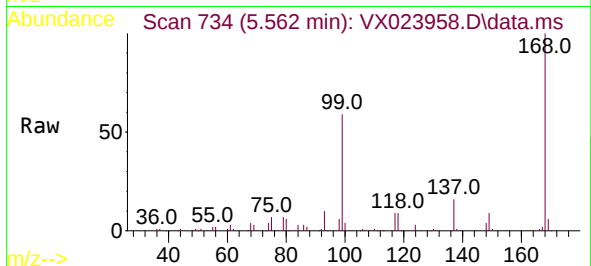




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

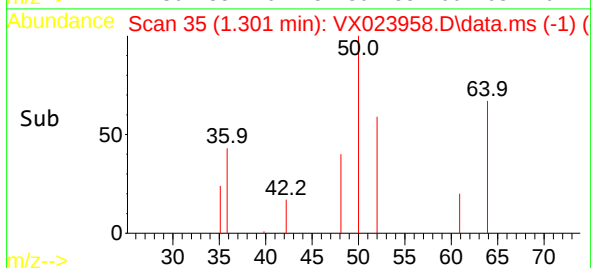
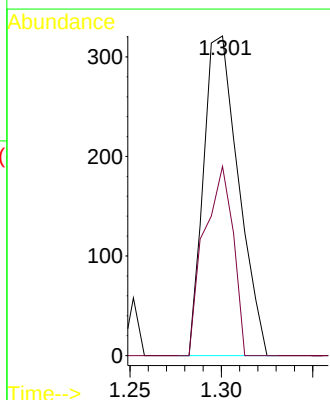
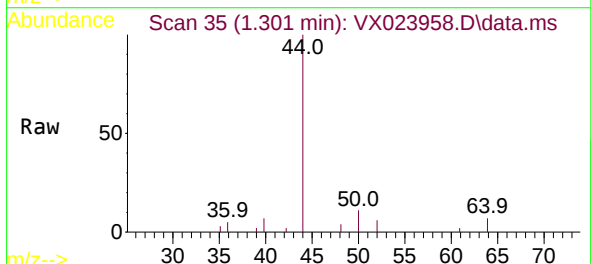
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

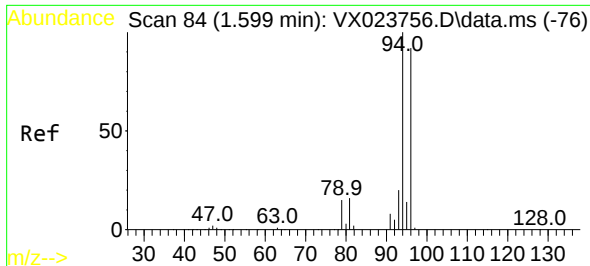
Tgt Ion:168 Resp: 141717
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion: 50 Resp: 426
Ion Ratio Lower Upper
50 100
52 59.2 26.4 39.6#

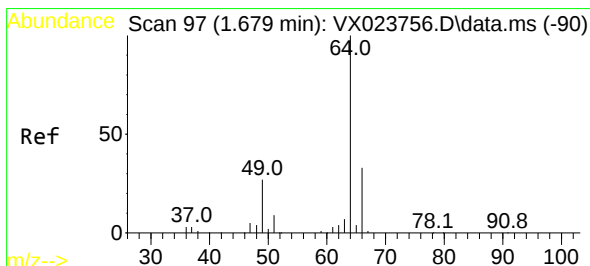
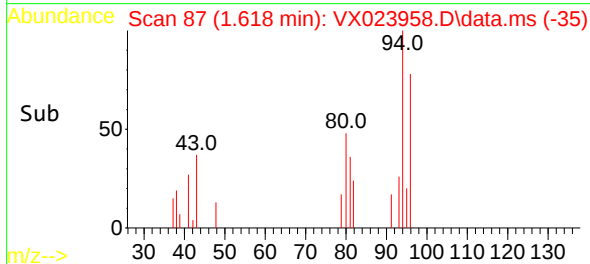
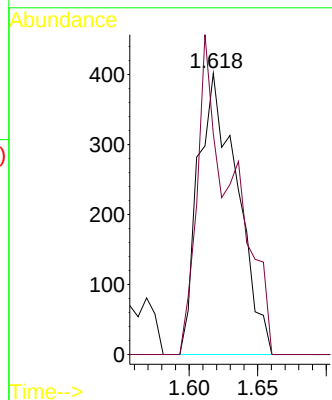
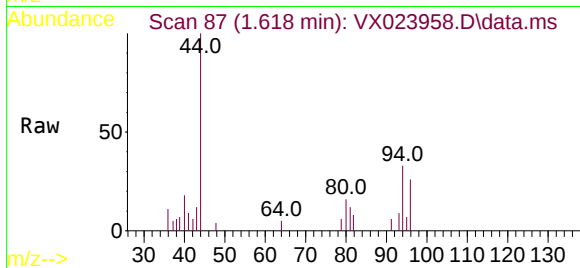




#5
Bromomethane
Concen: 0.793 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

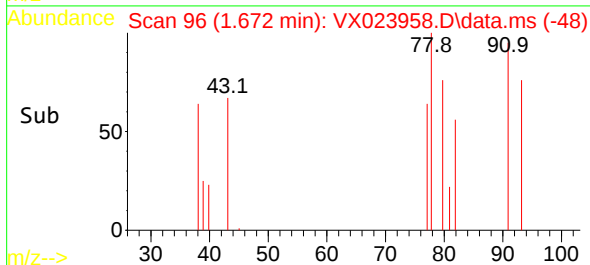
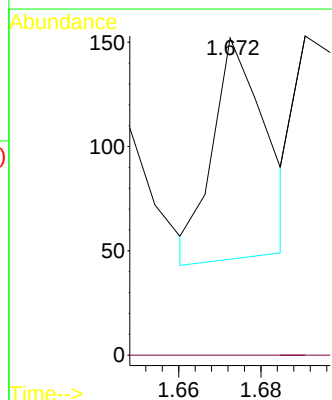
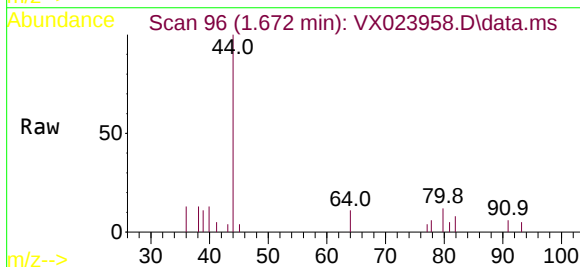
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

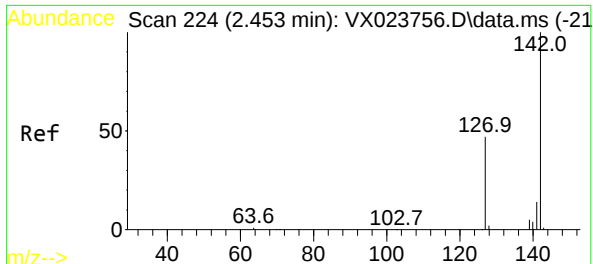
Tgt Ion: 94 Resp: 798
Ion Ratio Lower Upper
94 100
96 78.4 76.4 114.6



#6
Chloroethane
Concen: 2.285 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

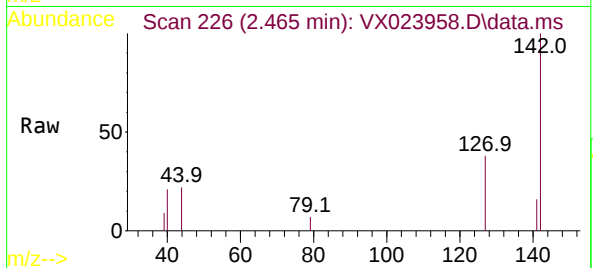
Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



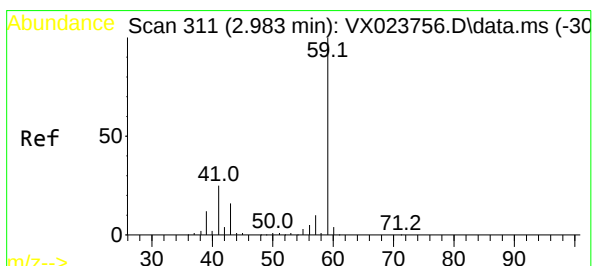
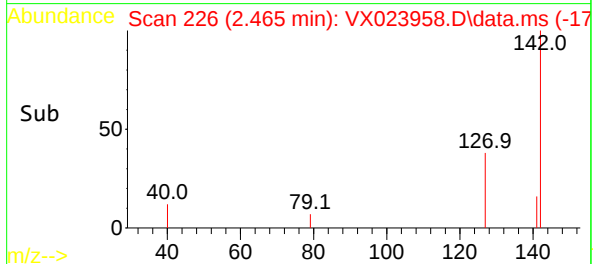
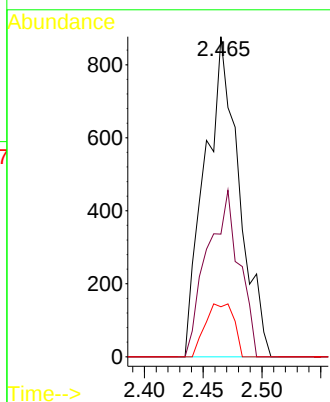


#10
Methyl Iodide
Concen: 0.898 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

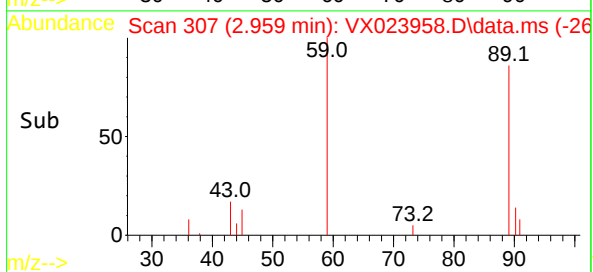
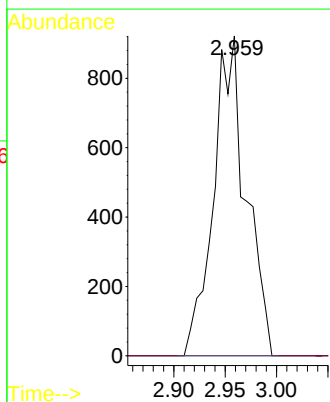
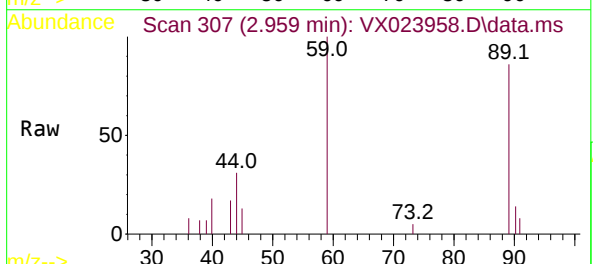


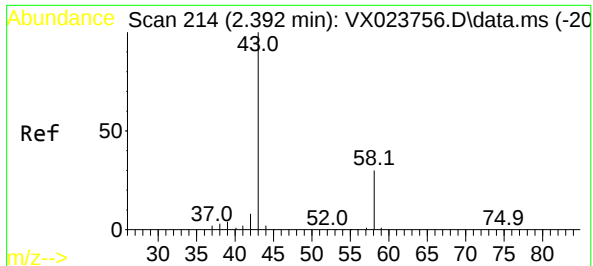
Tgt Ion:142 Resp: 1778
Ion Ratio Lower Upper
142 100
127 48.7 33.3 49.9
141 13.8 11.4 17.0



#11
Tert butyl alcohol
Concen: 5.060 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion: 59 Resp: 2024
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

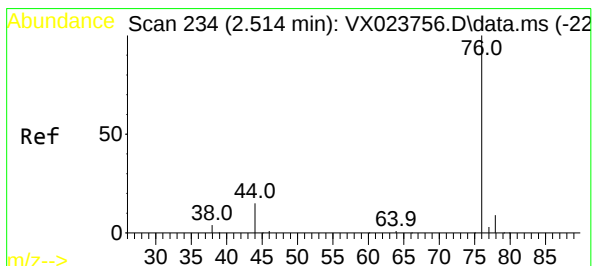
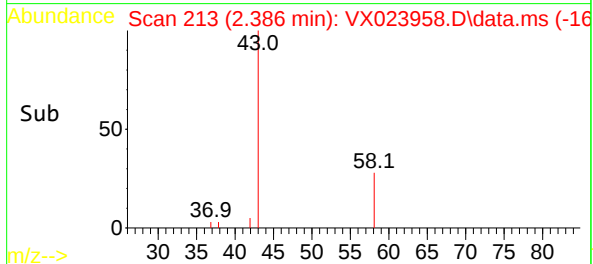
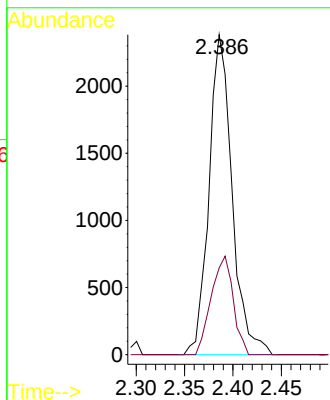
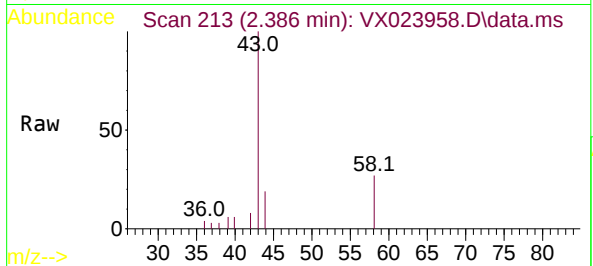




#16
Acetone
Concen: 4.477 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

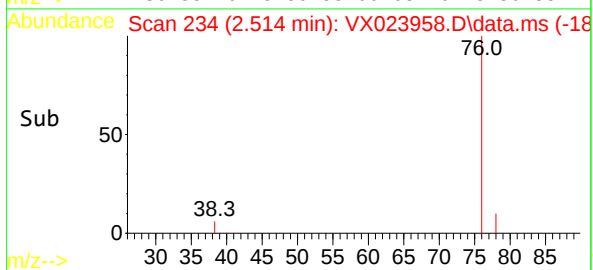
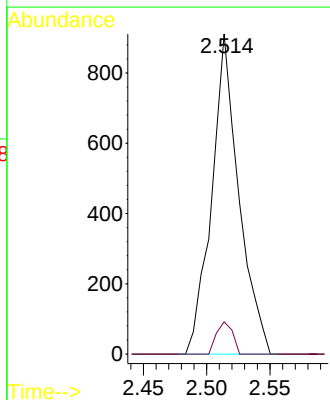
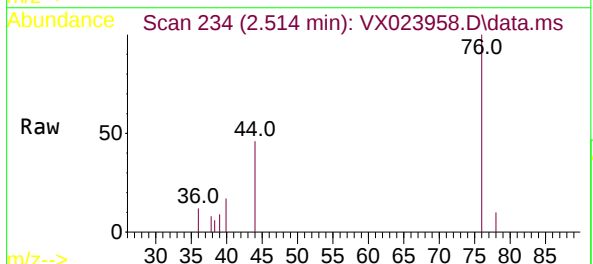
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

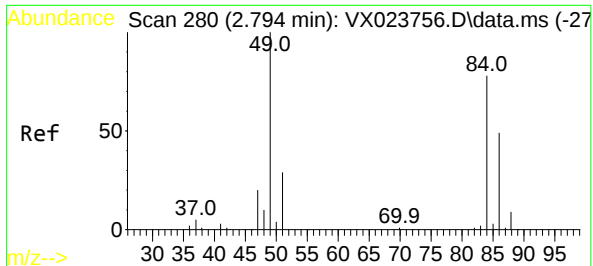
Tgt Ion: 43 Resp: 3959
Ion Ratio Lower Upper
43 100
58 27.1 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.420 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion: 76 Resp: 1362
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8





#20

Methylene Chloride

Concen: 0.406 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX023958.D

Acq: 26 Aug 2021 12:24

Instrument :

MSVOA_X

ClientSampleId :

WVLY-FB-082121

Tgt Ion: 84 Resp: 686

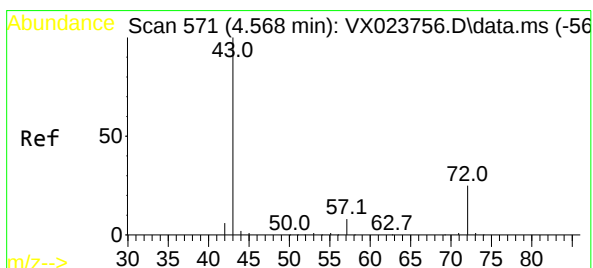
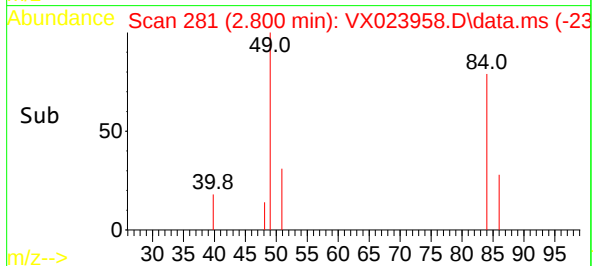
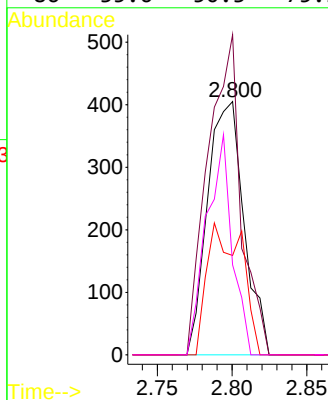
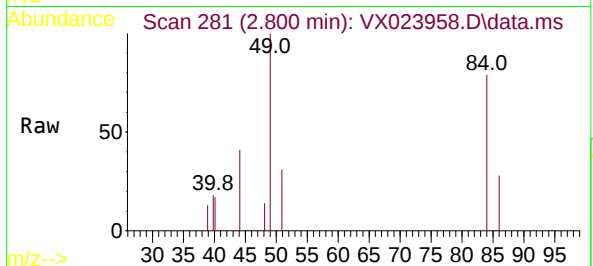
Ion Ratio Lower Upper

84 100

49 126.4 88.6 132.8

51 39.3 27.0 40.6

86 35.6 50.3 75.5#



#25

2-Butanone

Concen: 0.213 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX023958.D

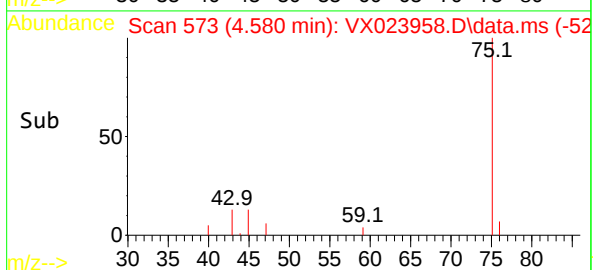
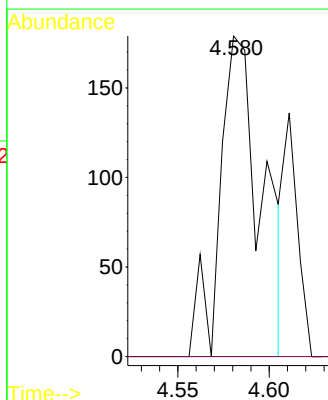
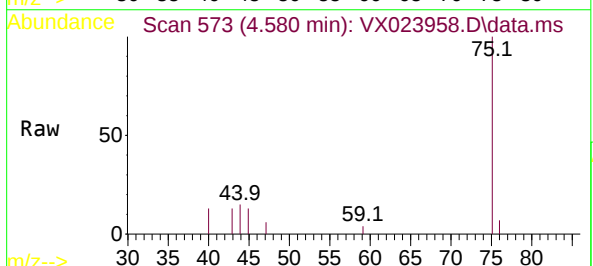
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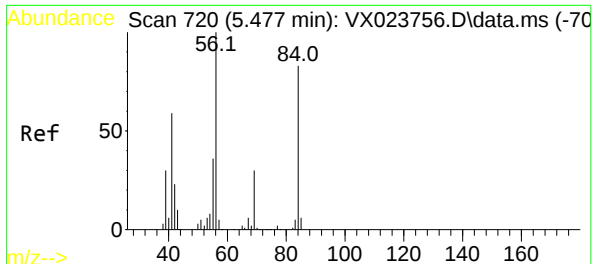
Tgt Ion: 43 Resp: 285

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

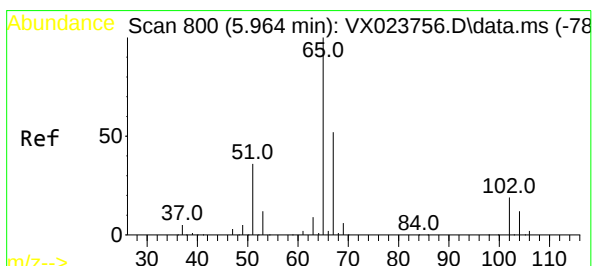
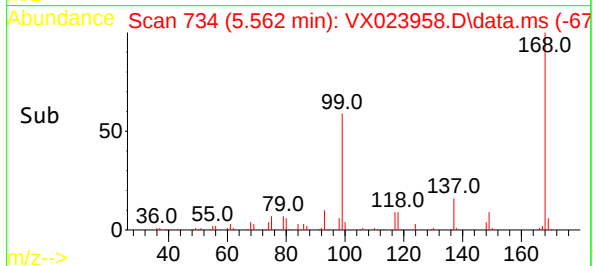
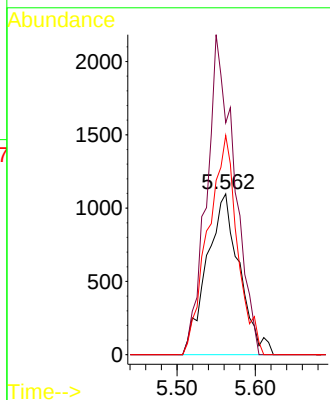
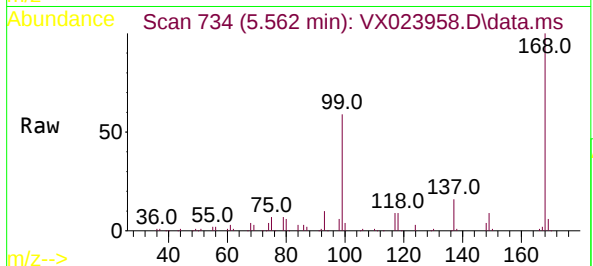




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

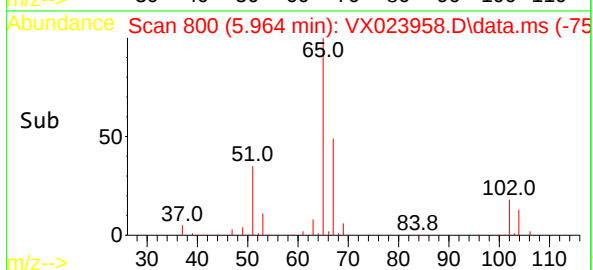
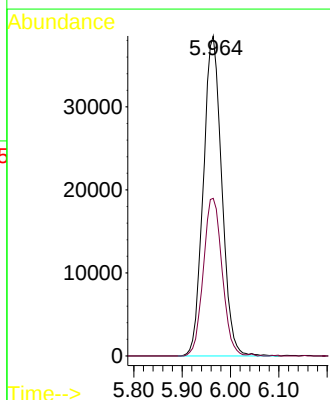
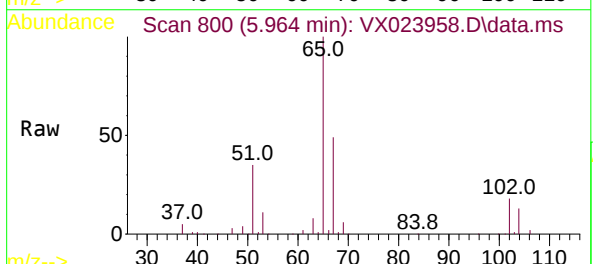
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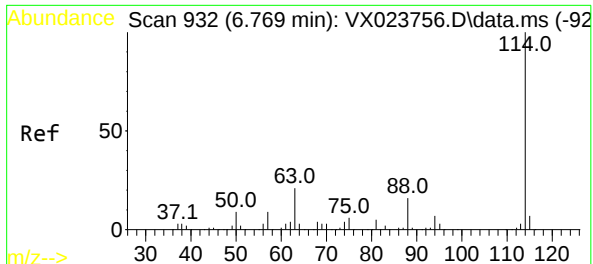
Tgt Ion: 56 Resp: 3178
Ion Ratio Lower Upper
56 100
69 144.2 25.3 37.9#
84 136.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.659 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion: 65 Resp: 102177
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

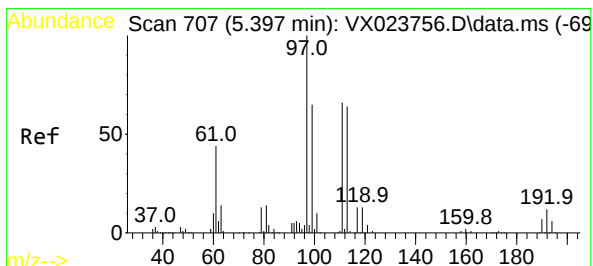
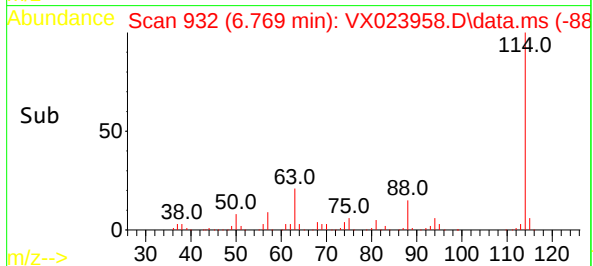
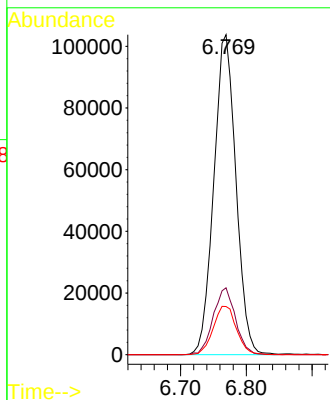
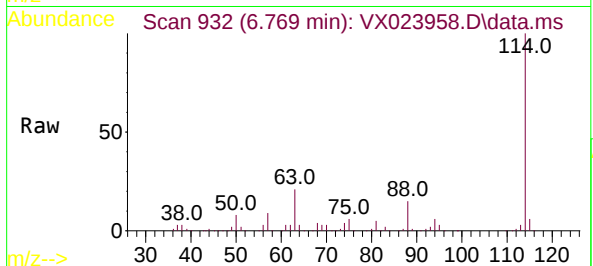




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

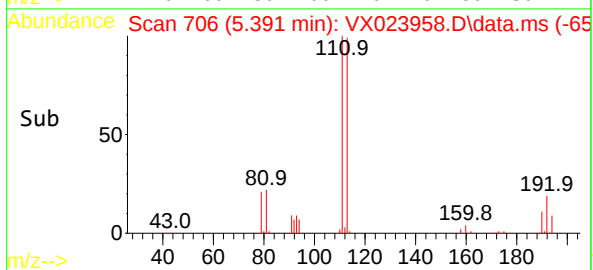
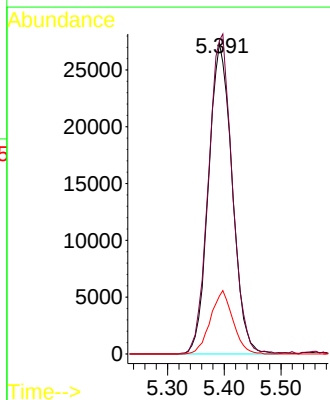
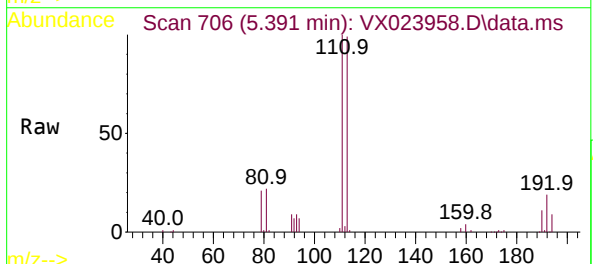
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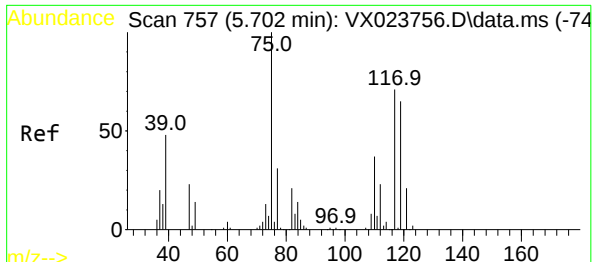
Tgt Ion:114 Resp: 242685
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.211 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion:113 Resp: 79046
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 19.4 16.7 25.1

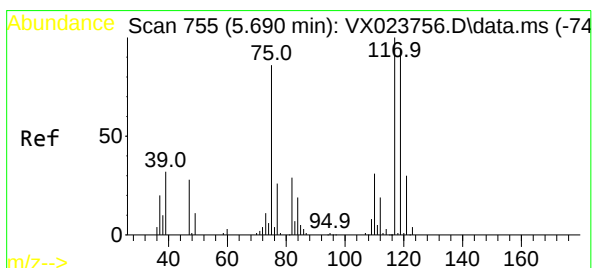
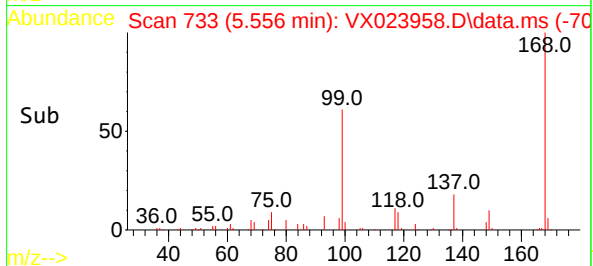
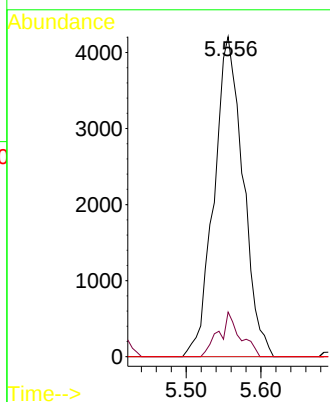
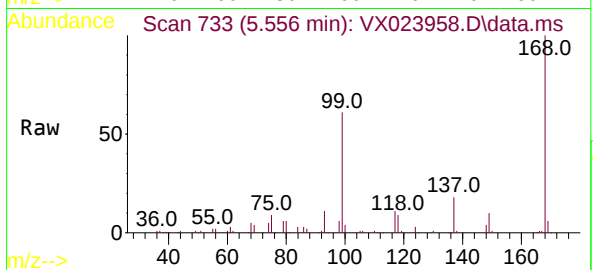




#36
1,1-Dichloropropene
Concen: 5.065 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

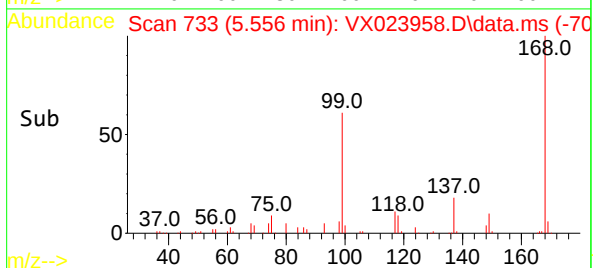
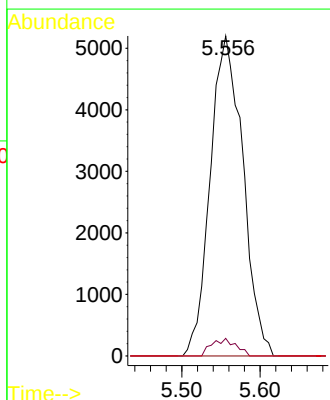
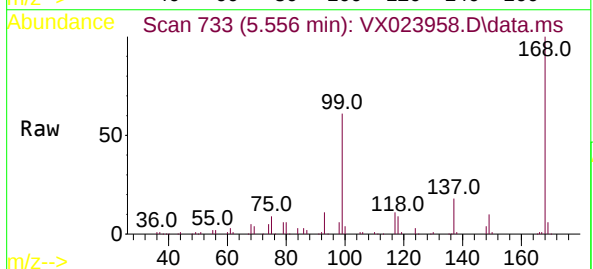
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

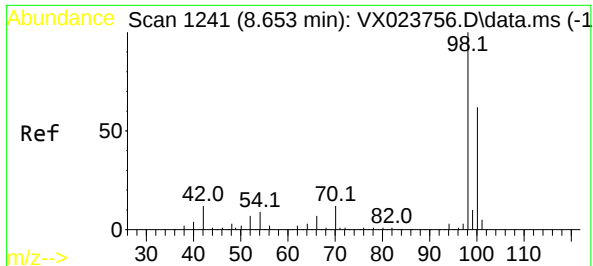
Tgt Ion: 75 Resp: 11383
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.424 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion: 117 Resp: 15054
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

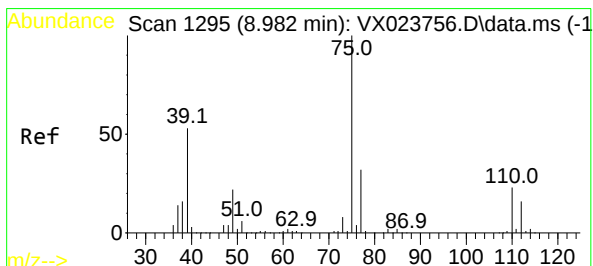
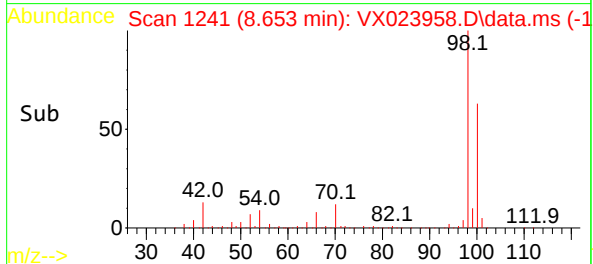
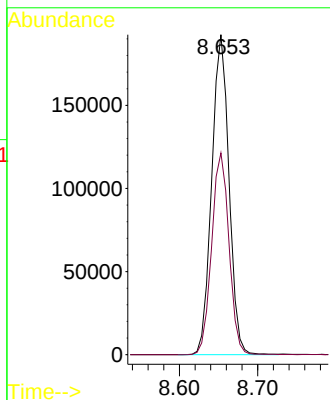
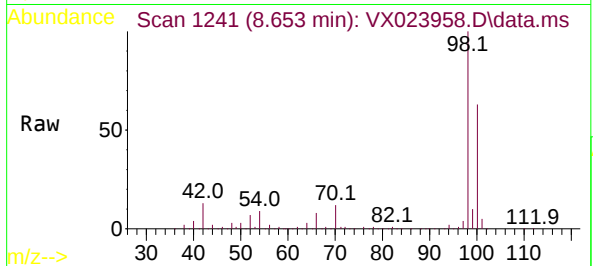




#50
Toluene-d8
Concen: 48.103 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

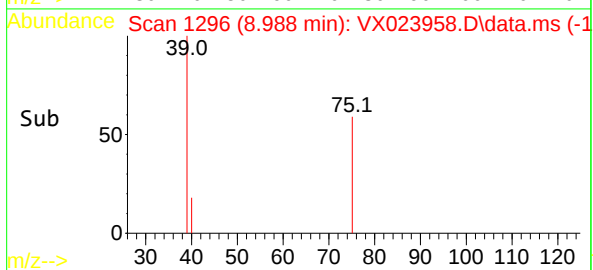
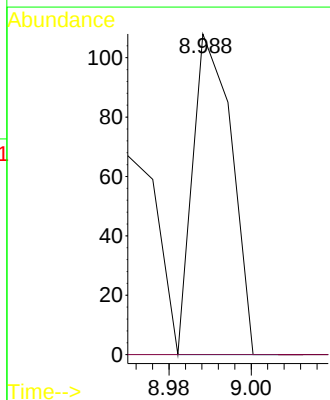
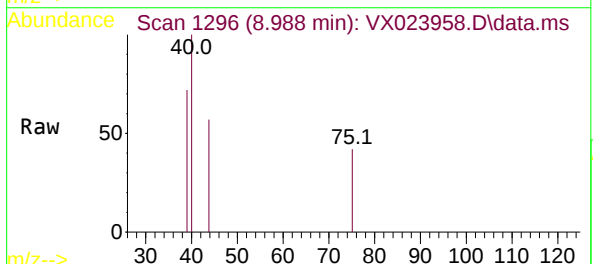
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

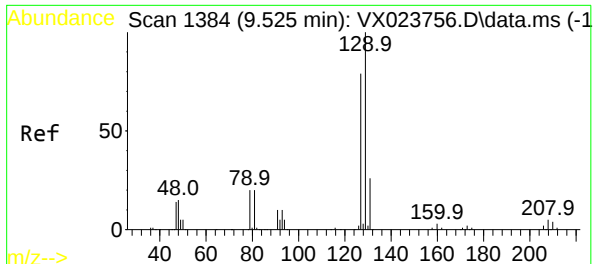
Tgt Ion: 98 Resp: 294081
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.161 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion: 75 Resp: 71
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.697 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX023958.D

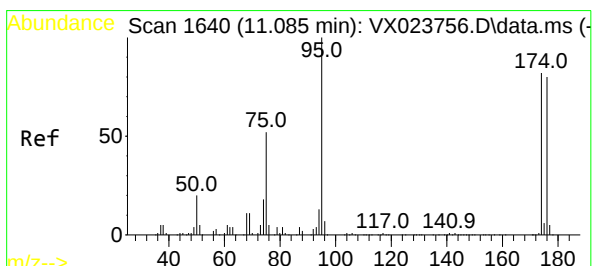
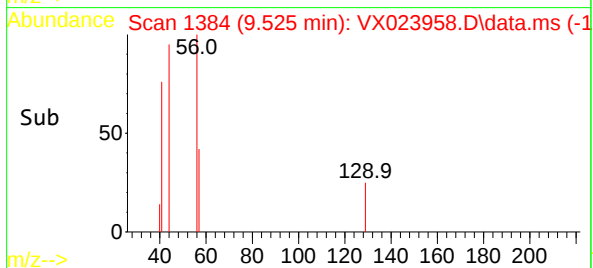
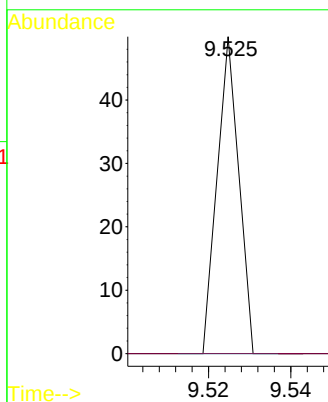
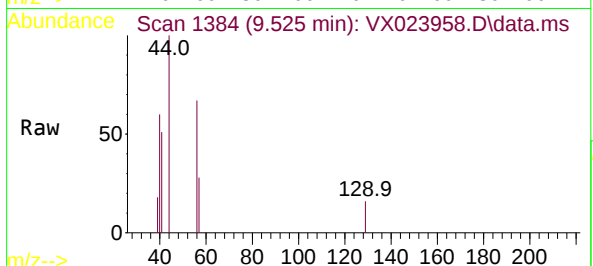
Acq: 26 Aug 2021 12:24

Tgt Ion:129 Resp: 18

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.378 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023958.D

Acq: 26 Aug 2021 12:24

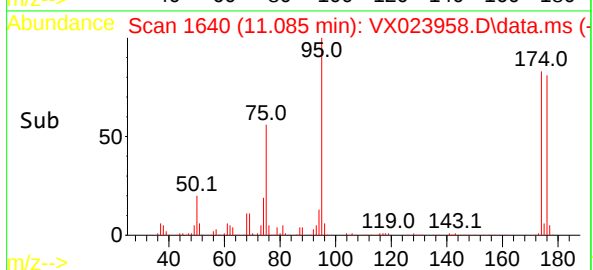
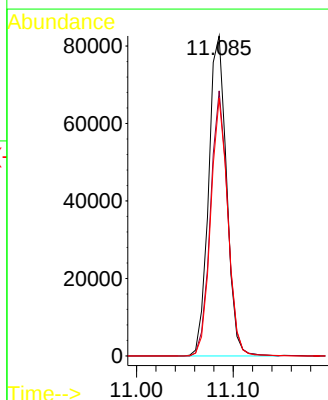
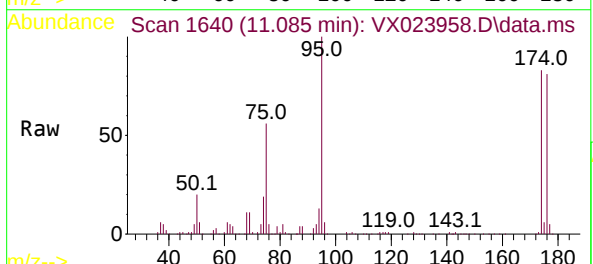
Tgt Ion: 95 Resp: 106627

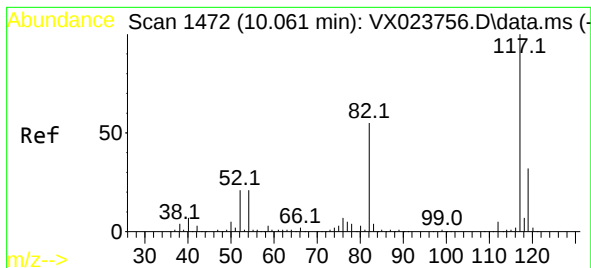
Ion Ratio Lower Upper

95 100

174 79.4 0.0 154.6

176 77.0 0.0 155.8

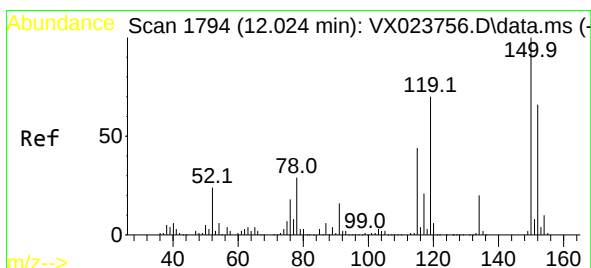
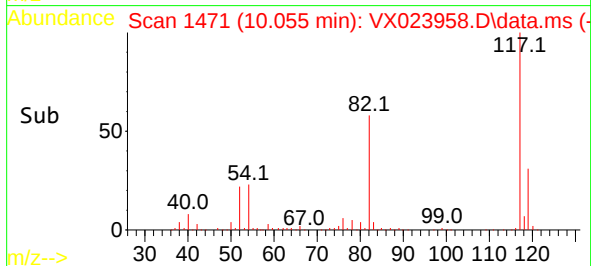
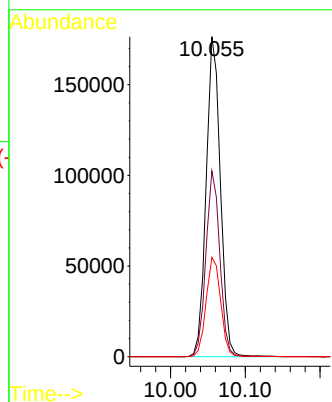
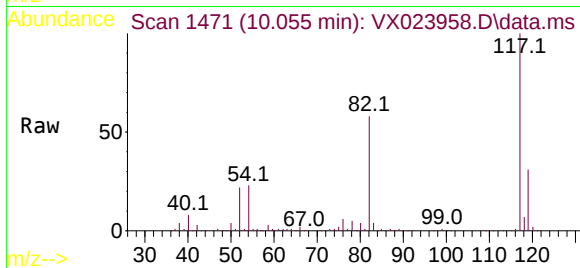




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

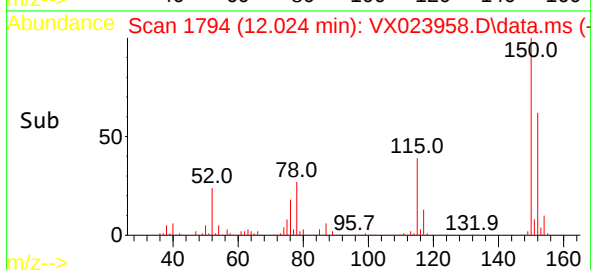
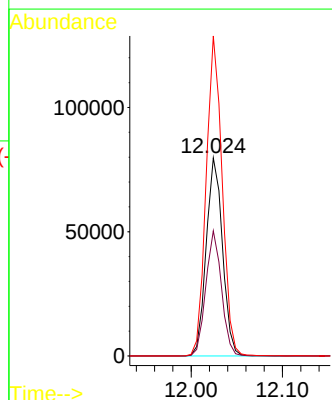
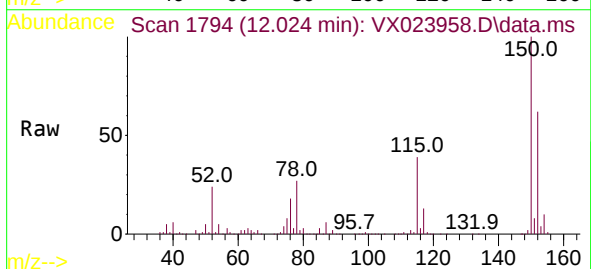
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

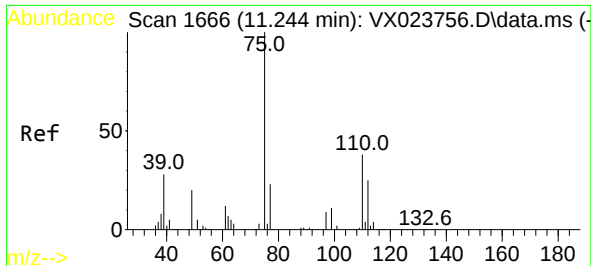
Tgt Ion:117 Resp: 232926
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion:152 Resp: 98418
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 158.4 0.0 349.0

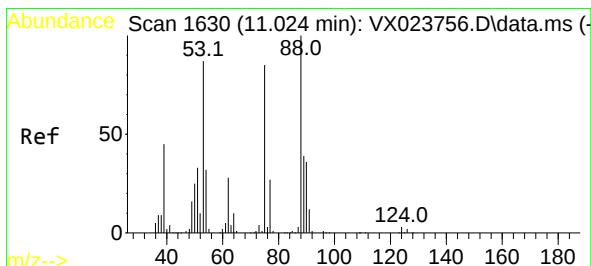
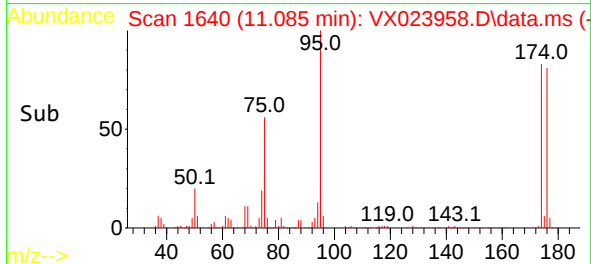
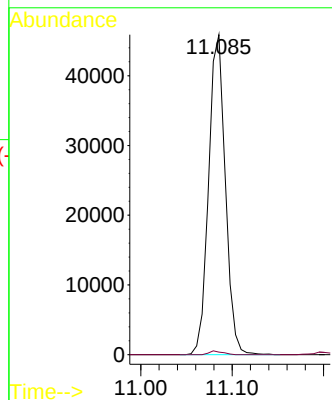
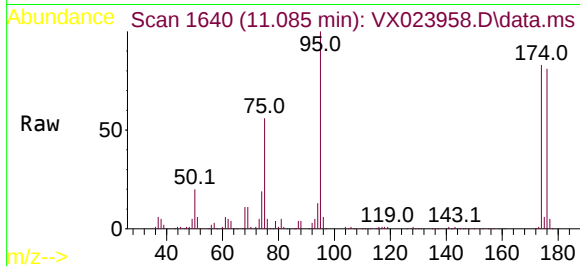




#76
1,2,3-Trichloropropane
Concen: 25.336 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

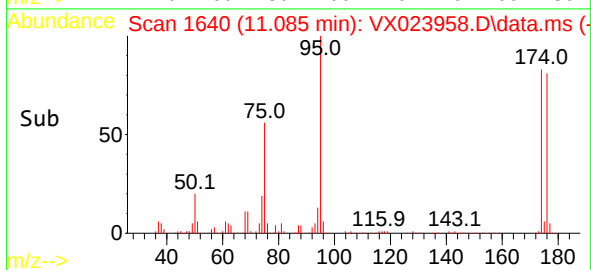
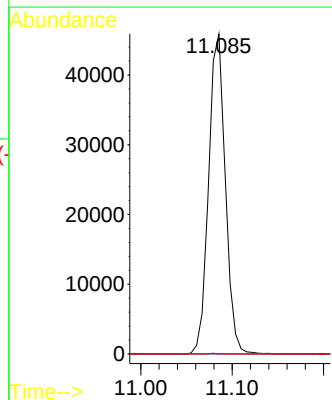
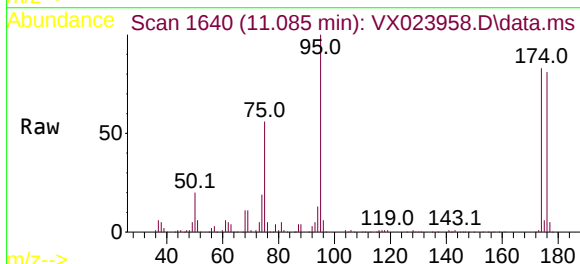
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

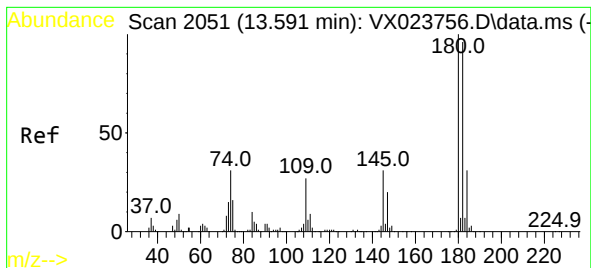
Tgt Ion: 75 Resp: 58167
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.527 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Tgt Ion: 75 Resp: 58167
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

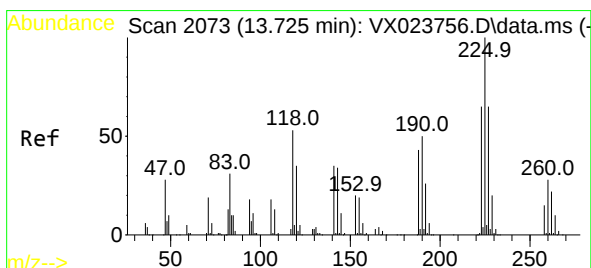
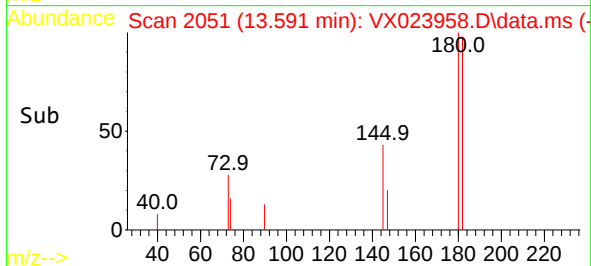
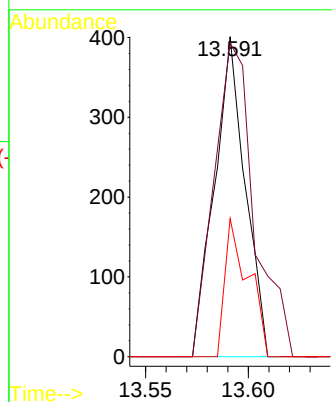
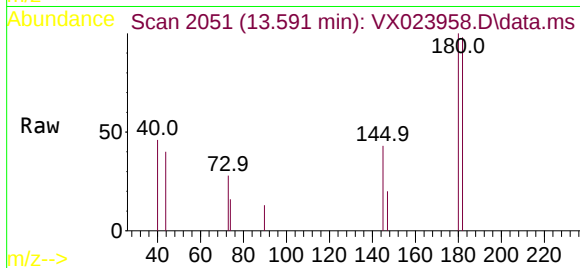




#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

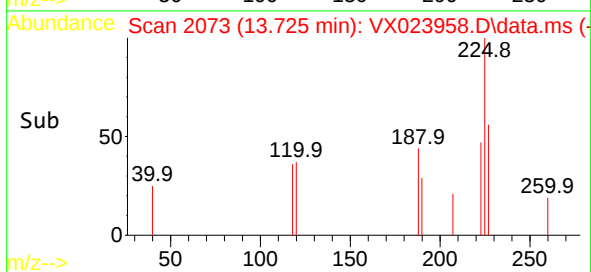
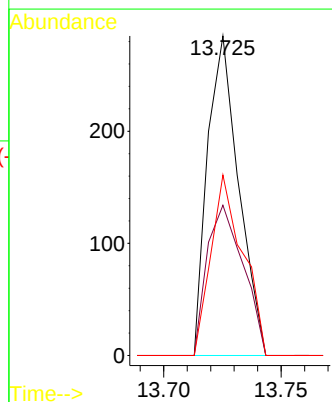
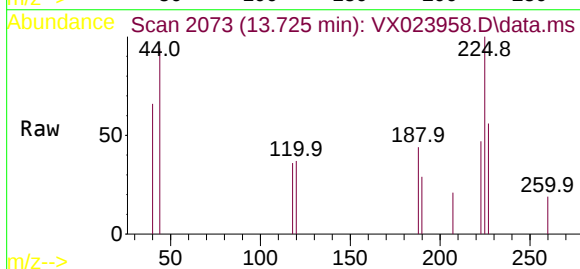
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

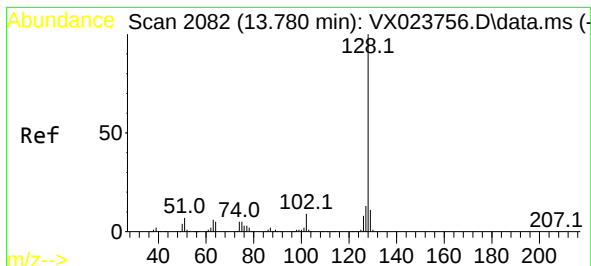
Tgt Ion:	180	Resp:	417
Ion	Ratio	Lower	Upper
180	100		
182	128.1	47.7	143.1
145	32.6	15.0	45.0



#94
Hexachlorobutadiene
Concen: 0.301 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

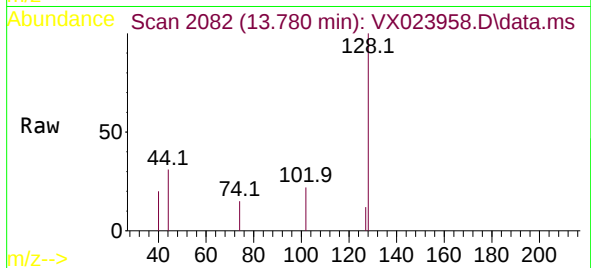
Tgt Ion:	225	Resp:	262
Ion	Ratio	Lower	Upper
225	100		
223	54.6	31.1	93.2
227	58.0	31.6	95.0





#95
Naphthalene
Concen: 1.385 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023958.D
Acq: 26 Aug 2021 12:24

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121



Tgt Ion:128 Resp: 759
Ion Ratio Lower Upper
128 100
127 8.3 10.3 15.5#
129 0.0 8.8 13.2#

