

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023935.D
 Acq On : 25 Aug 2021 13:56
 Operator : JC/MD
 Sample : M3525-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-082121

Quant Time: Aug 26 07:36:08 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)

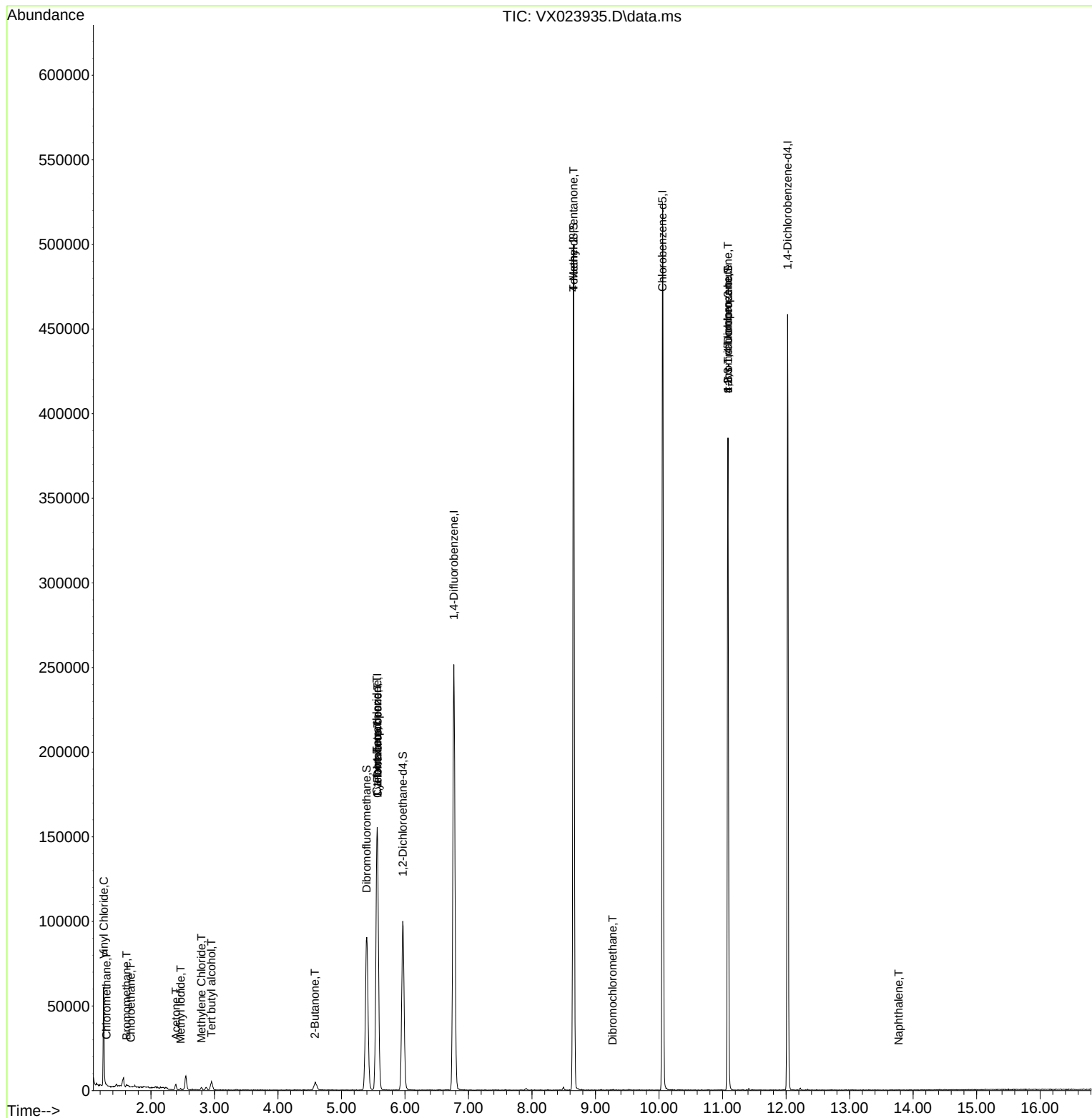
Internal Standards						
1) Pentafluorobenzene	5.562	168	143700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	247745	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98100	48.913	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.397	113	77402	47.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.400%		
50) Toluene-d8	8.653	98	285331	45.719	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.440%#		
62) 4-Bromofluorobenzene	11.085	95	96890	42.172	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.340%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	475	0.285	ug/l	92
4) Vinyl Chloride	1.258	62	583	0.359	ug/l #	1
5) Bromomethane	1.617	94	728	0.713	ug/l	89
6) Chloroethane	1.685	64	134	2.312	ug/l #	43
10) Methyl Iodide	2.465	142	780	0.388	ug/l #	91
11) Tert butyl alcohol	2.953	59	3178	7.835	ug/l #	73
16) Acetone	2.392	43	3294	3.673	ug/l	92
20) Methylene Chloride	2.794	84	644	0.376	ug/l #	87
25) 2-Butanone	4.580	43	378	0.278	ug/l #	45
31) Cyclohexane	5.568	56	3374	1.309	ug/l #	35
36) 1,1-Dichloropropene	5.568	75	11087	4.832	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15410	6.441	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1398	0.490	ug/l #	1
60) Dibromochloromethane	9.269	129	22	1.699	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52164	24.804	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52164	72.963	ug/l #	12
95) Naphthalene	13.774	128	144	1.304	ug/l #	69

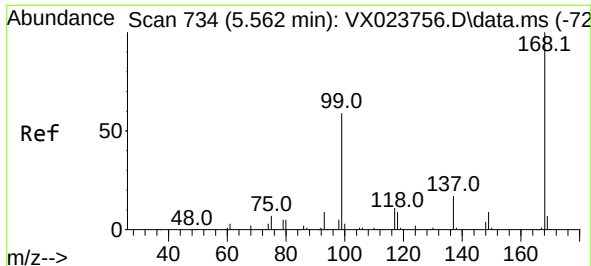
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 26 07:36:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
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QLast Update : Tue Aug 17 11:57:51 2021
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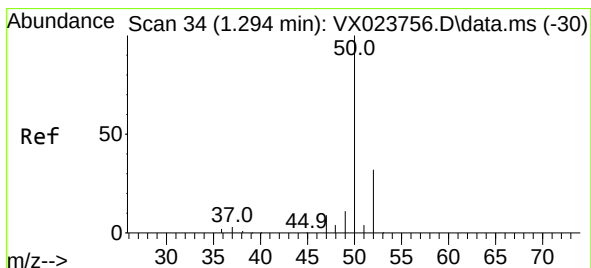
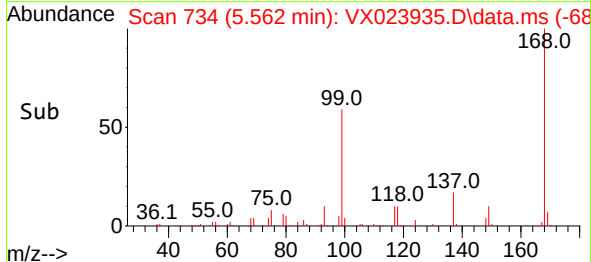
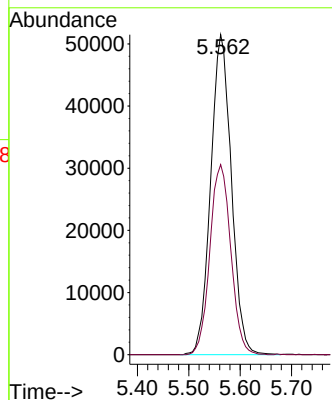
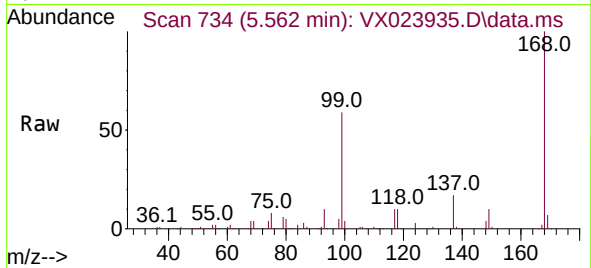




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

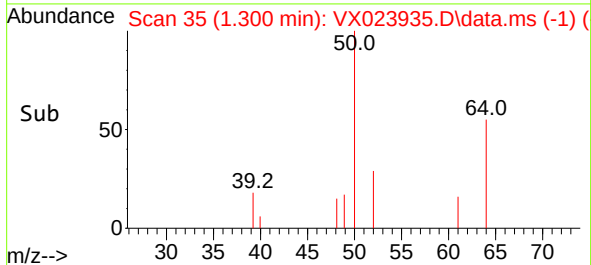
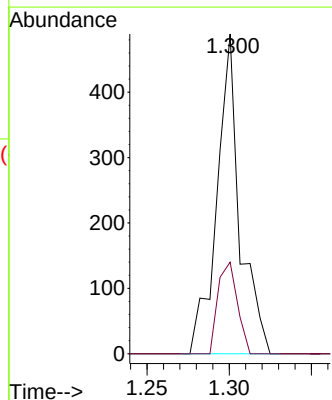
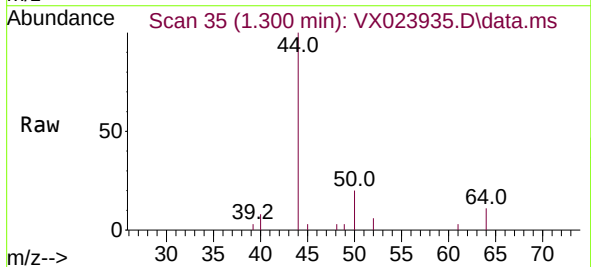
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

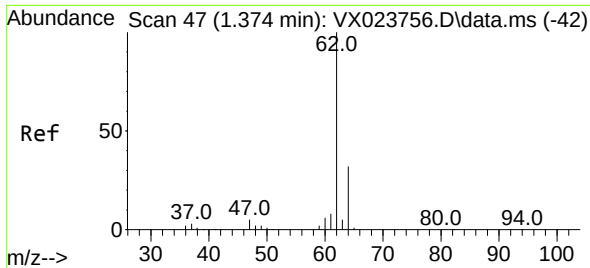
Tgt Ion:168 Resp: 143700
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion: 50 Resp: 475
Ion Ratio Lower Upper
50 100
52 28.6 26.4 39.6

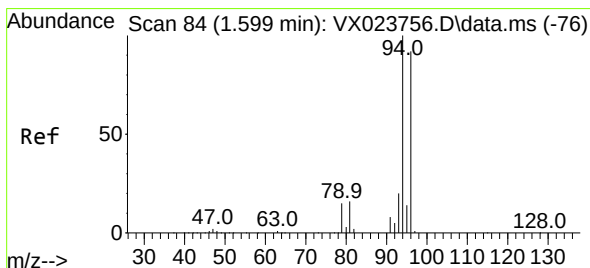
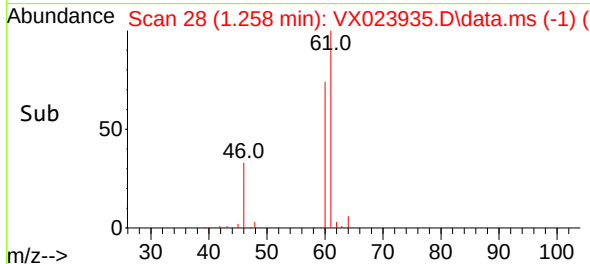
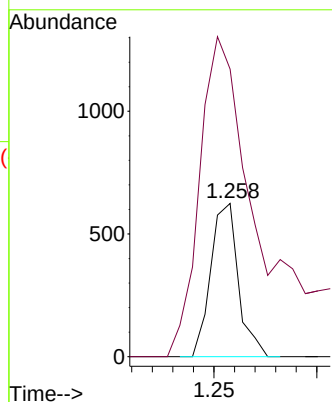
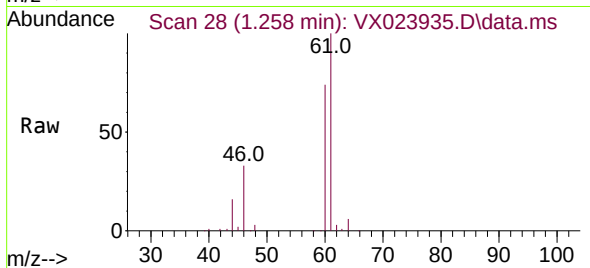




#4
 Vinyl Chloride
 Concen: 0.359 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX023935.D
 Acq: 25 Aug 2021 13:56

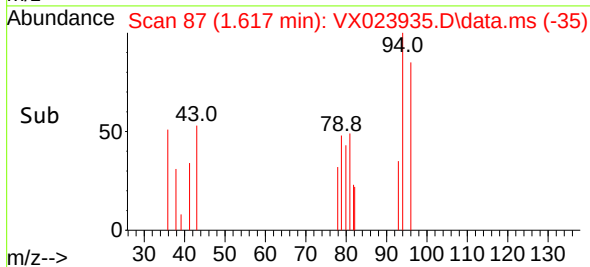
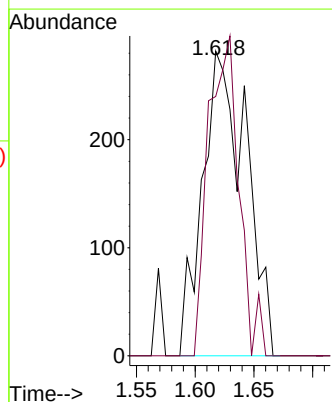
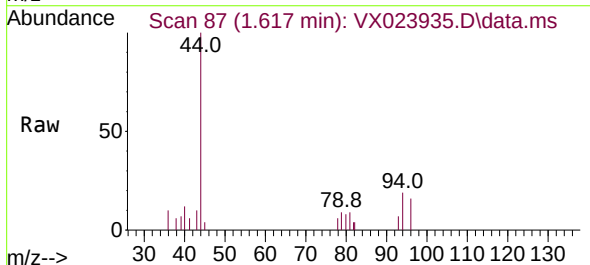
Instrument :
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 ClientSampleId :
 WVLY-FB-082121

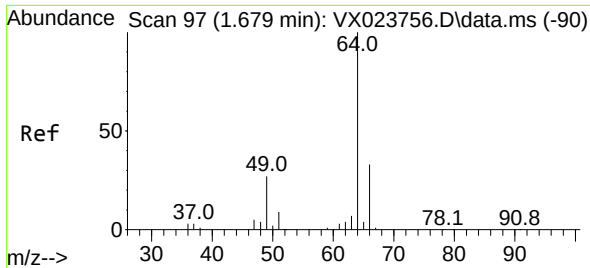
Tgt Ion: 62 Resp: 583
 Ion Ratio Lower Upper
 62 100
 64 167.0 25.7 38.5#



#5
 Bromomethane
 Concen: 0.713 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX023935.D
 Acq: 25 Aug 2021 13:56

Tgt Ion: 94 Resp: 728
 Ion Ratio Lower Upper
 94 100
 96 85.1 76.4 114.6

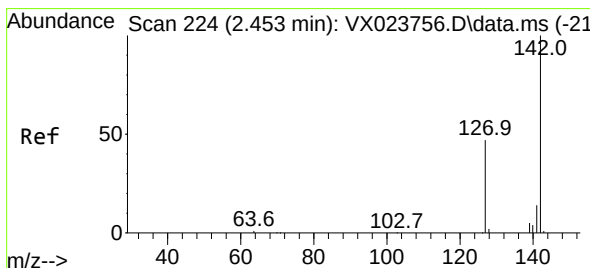
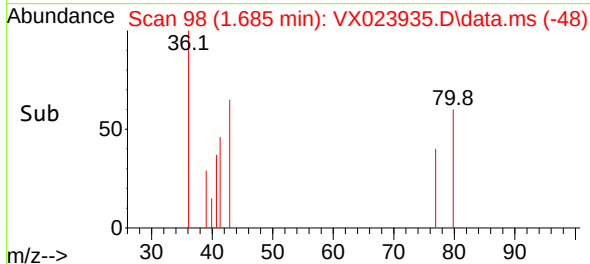
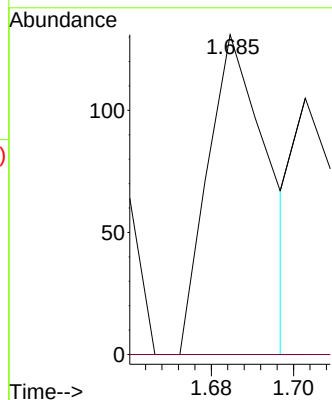
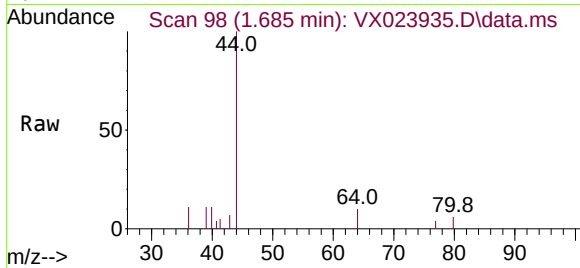




#6
Chloroethane
Concen: 2.312 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

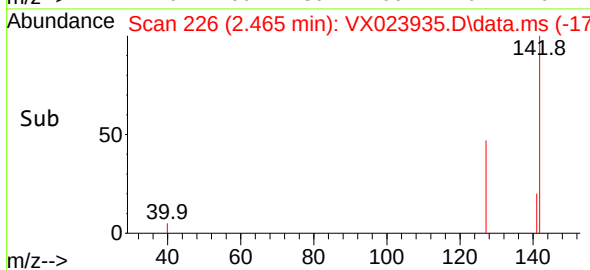
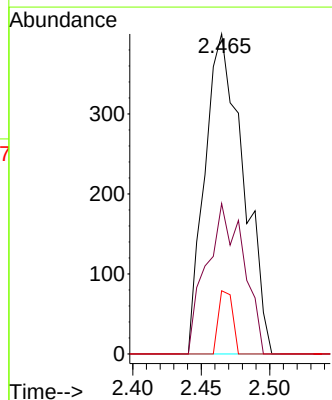
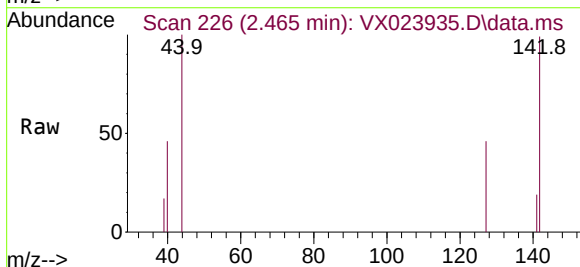
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

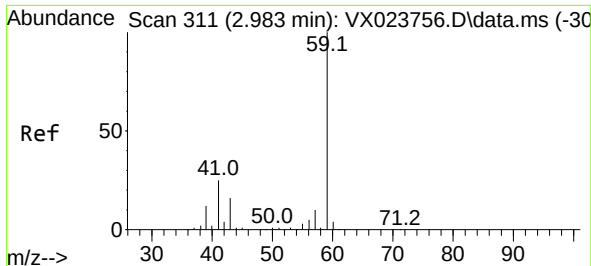
Tgt Ion: 64 Resp: 134
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.388 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion: 142 Resp: 780
Ion Ratio Lower Upper
142 100
127 45.4 33.3 49.9
141 7.2 11.4 17.0#



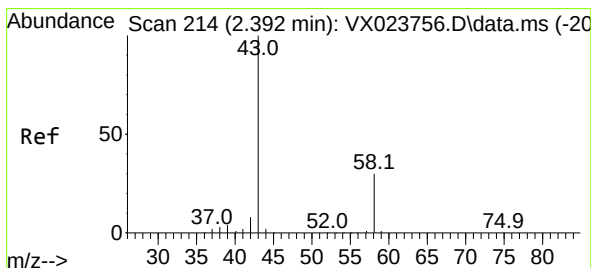
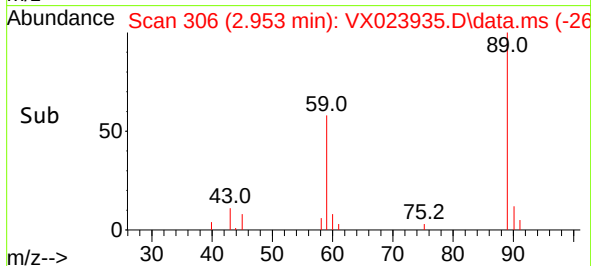
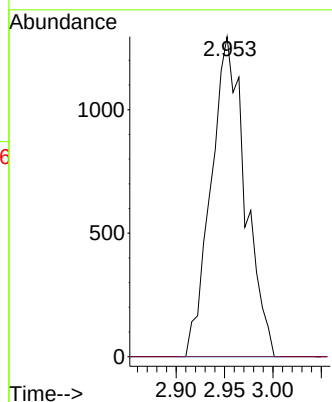
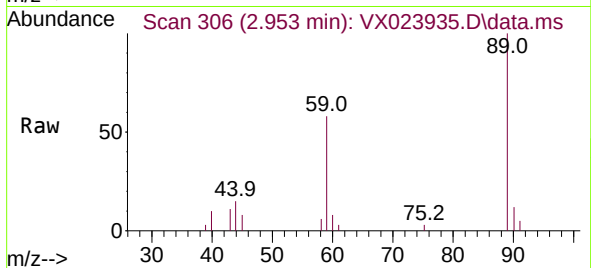


#11

Tert butyl alcohol
Concen: 7.835 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

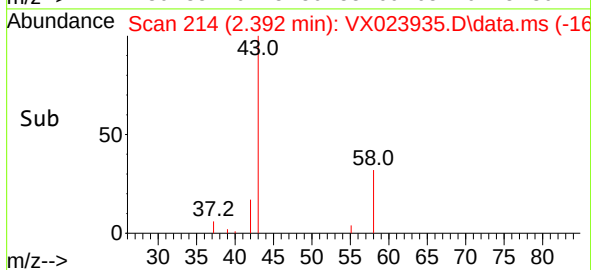
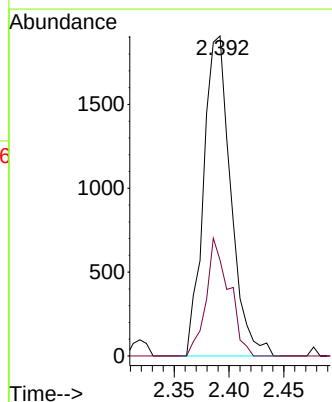
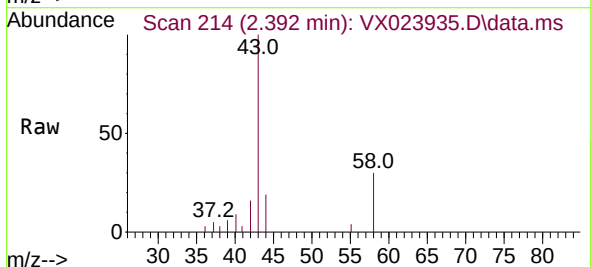
Tgt Ion: 59 Resp: 3178
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

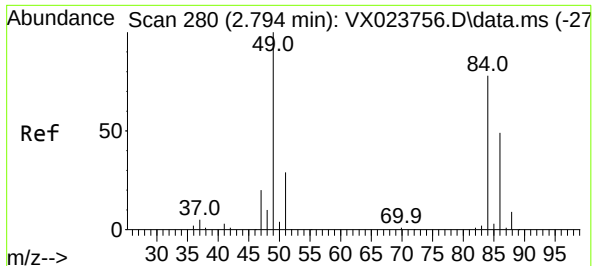


#16

Acetone
Concen: 3.673 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion: 43 Resp: 3294
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8





#20

Methylene Chloride

Concen: 0.376 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023935.D

Acq: 25 Aug 2021 13:56

Instrument :

MSVOA_X

ClientSampleId :

WVLY-FB-082121

Tgt Ion: 84 Resp: 644

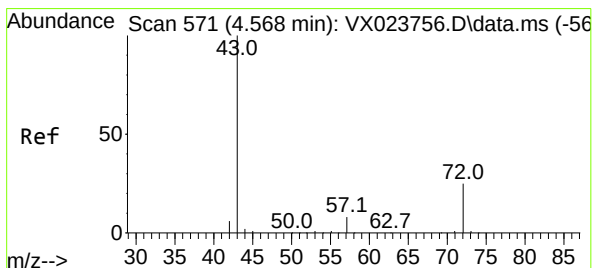
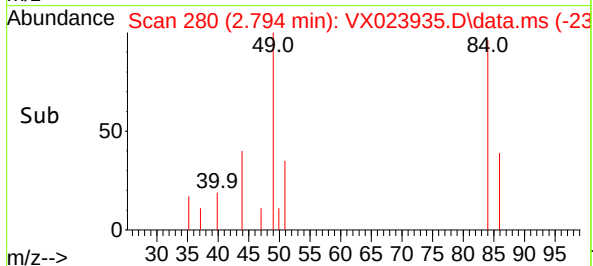
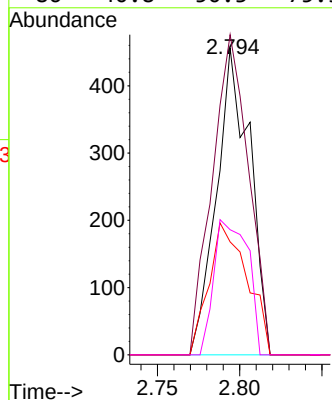
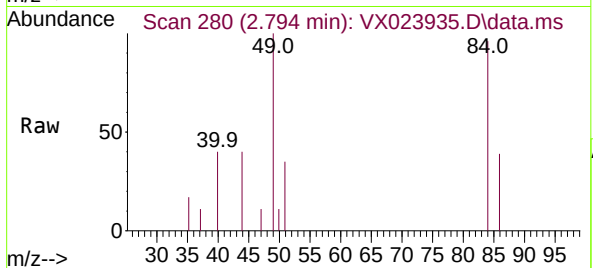
Ion Ratio Lower Upper

84 100

49 104.4 88.6 132.8

51 36.8 27.0 40.6

86 40.8 50.3 75.5#



#25

2-Butanone

Concen: 0.278 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX023935.D

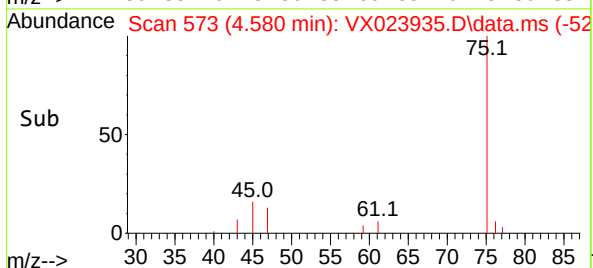
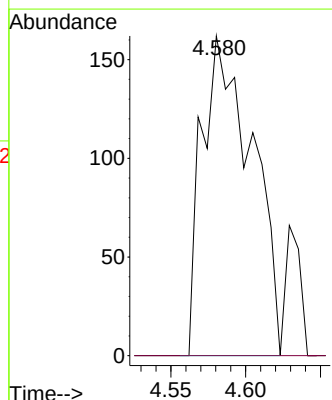
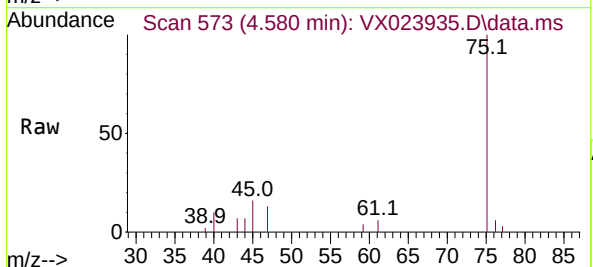
Acq: 25 Aug 2021 13:56

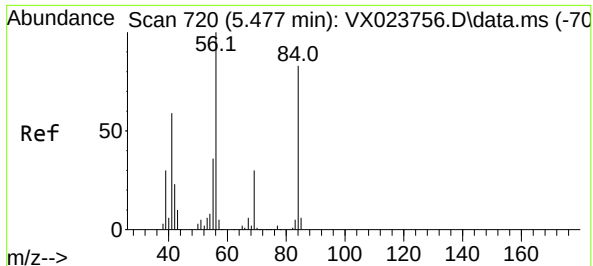
Tgt Ion: 43 Resp: 378

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

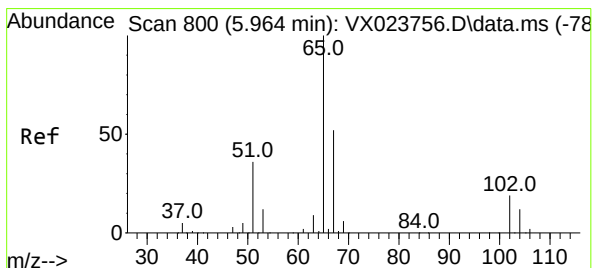
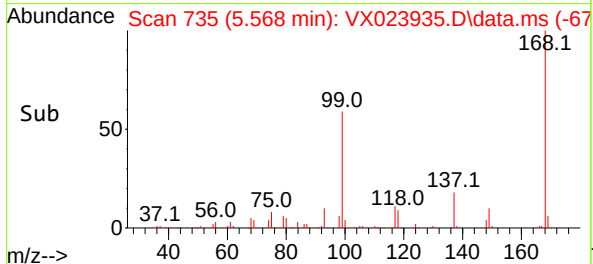
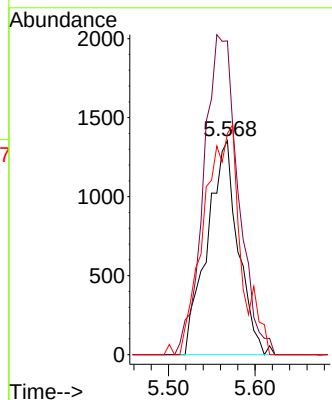
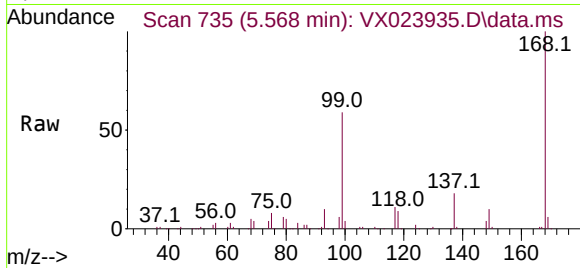




#31
Cyclohexane
Concen: 1.309 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

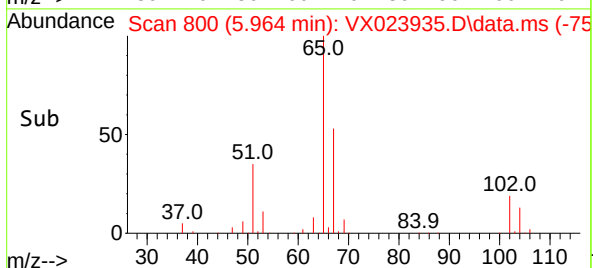
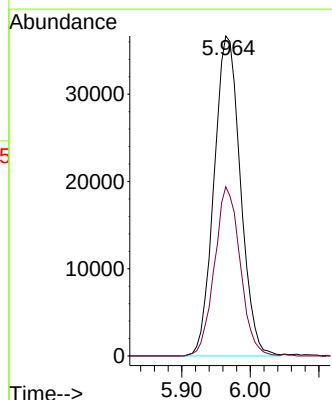
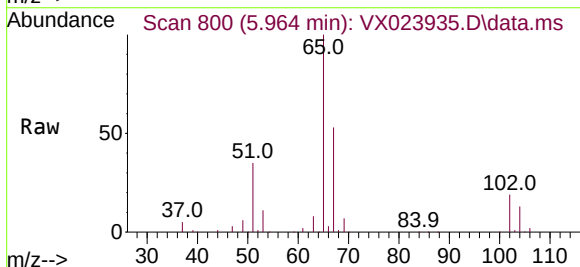
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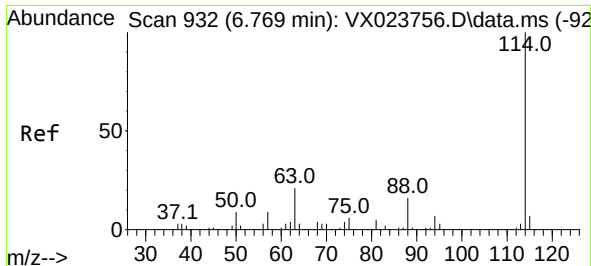
Tgt Ion: 56 Resp: 3374
Ion Ratio Lower Upper
56 100
69 146.7 25.3 37.9#
84 103.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.913 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion: 65 Resp: 98100
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

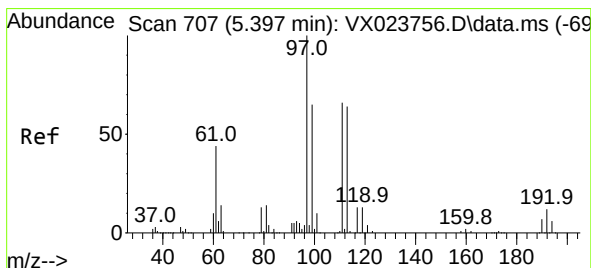
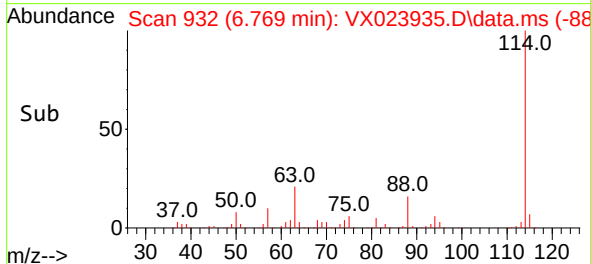
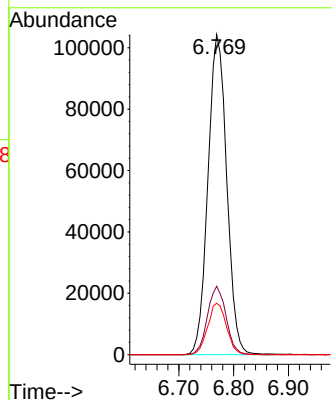
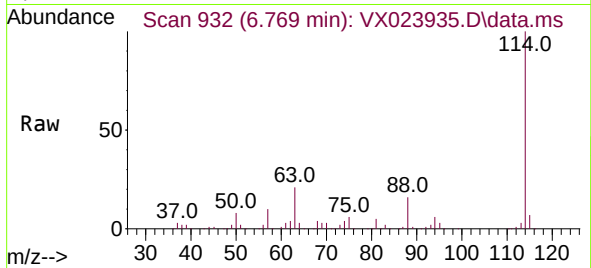




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

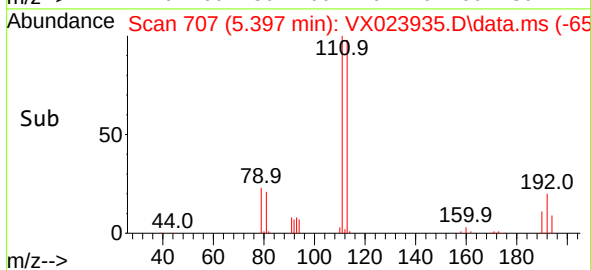
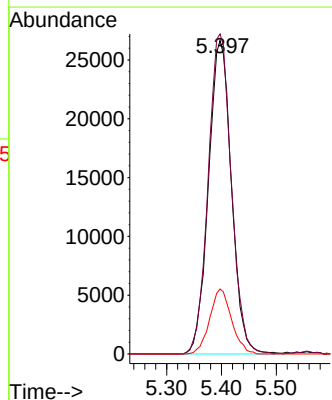
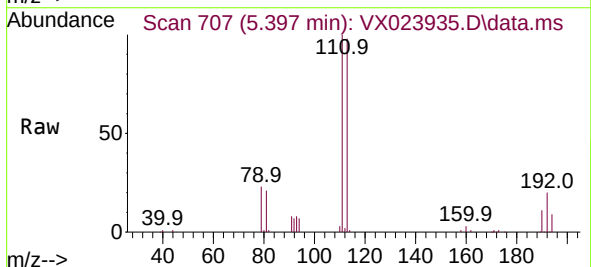
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

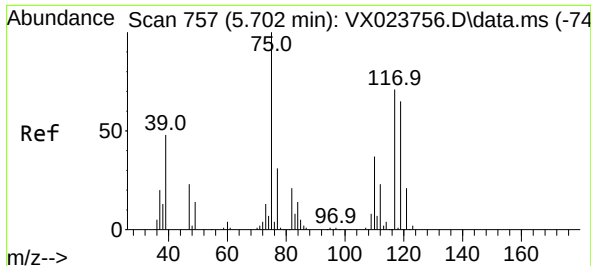
Tgt Ion:114 Resp: 247745
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.203 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion:113 Resp: 77402
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.7 16.7 25.1

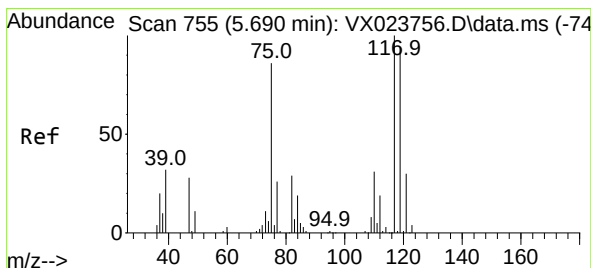
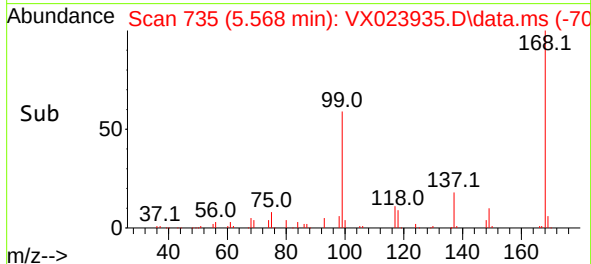
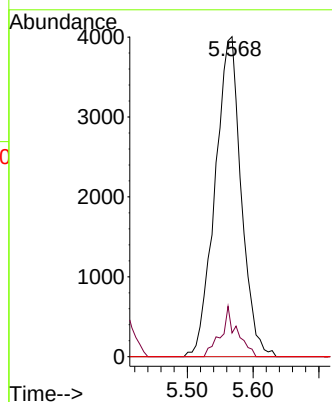
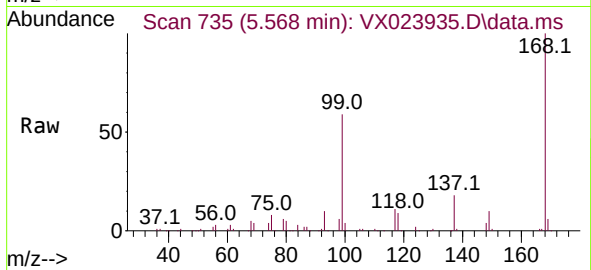




#36
1,1-Dichloropropene
Concen: 4.832 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

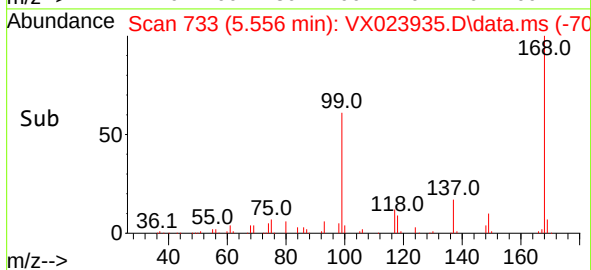
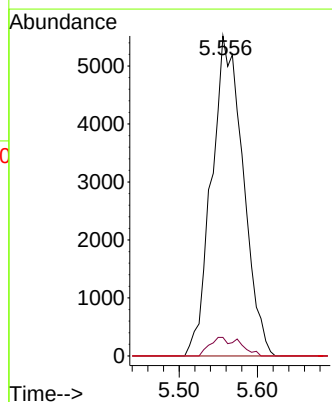
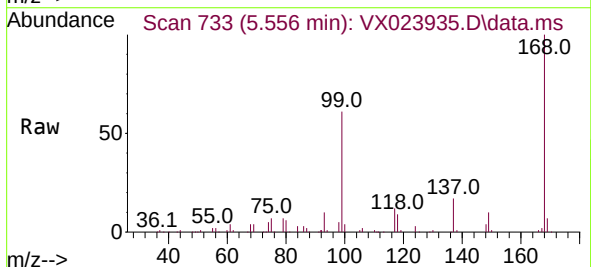
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

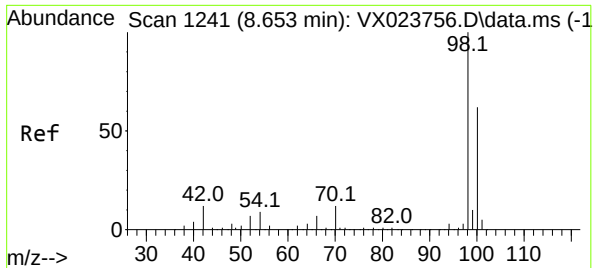
Tgt Ion: 75 Resp: 11087
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.441 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion: 117 Resp: 15410
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

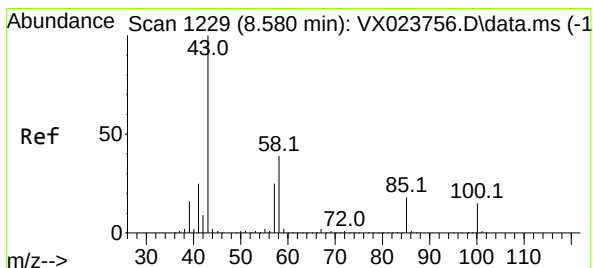
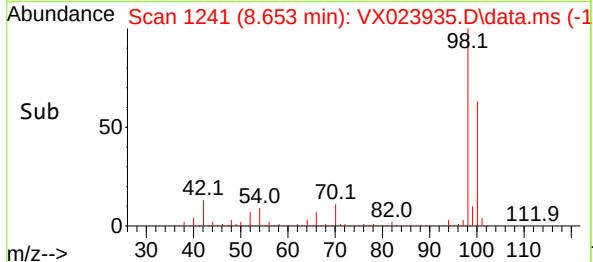
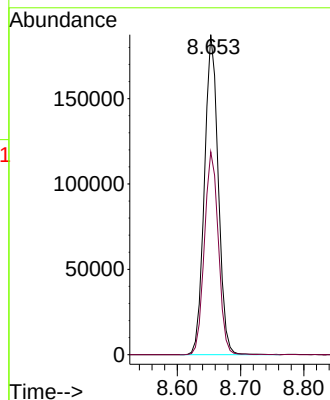
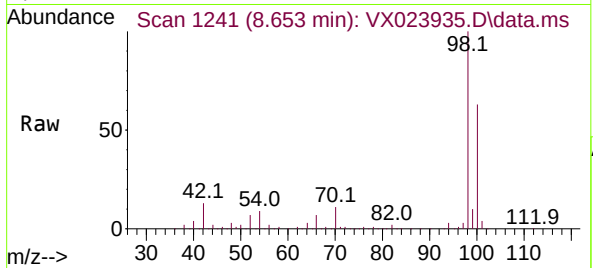




#50
Toluene-d8
Concen: 45.719 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

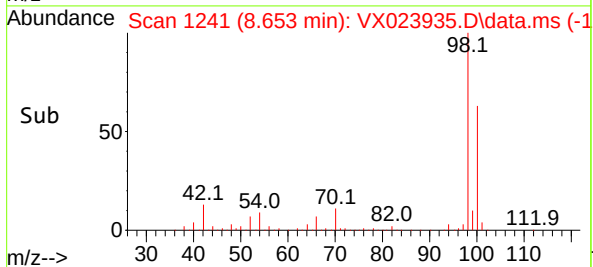
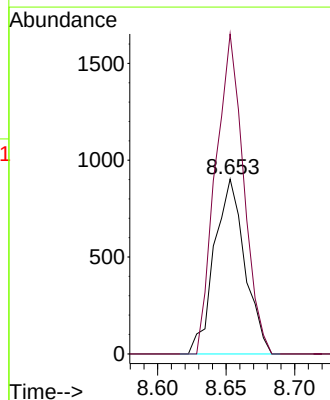
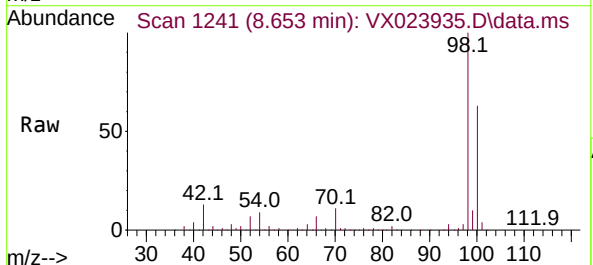
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

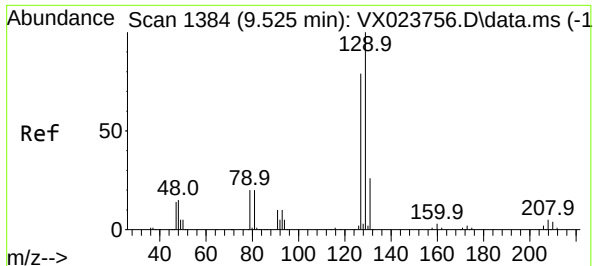
Tgt Ion: 98 Resp: 285331
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 168.3 35.4 53.0#

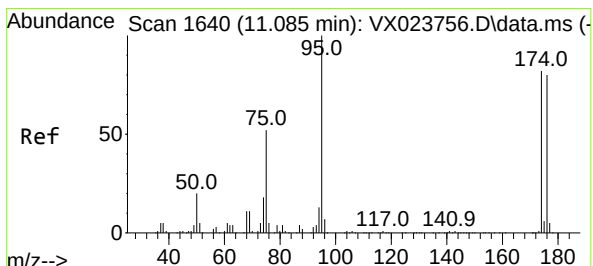
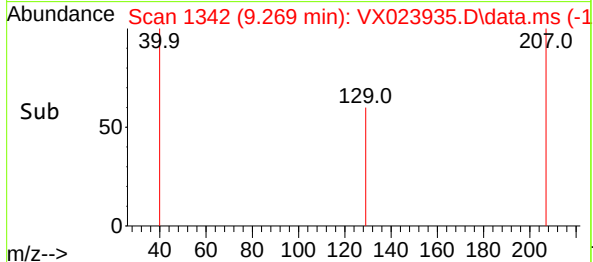
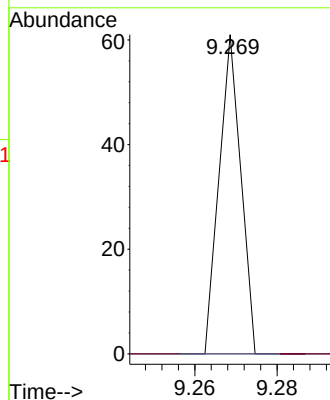
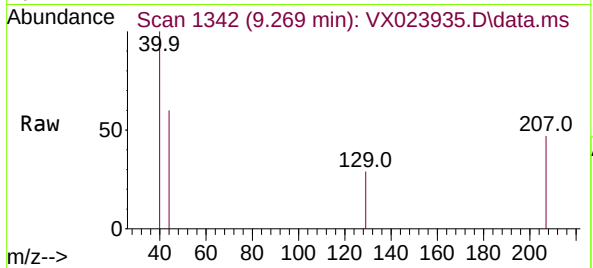




#60
Dibromochloromethane
Concen: 1.699 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

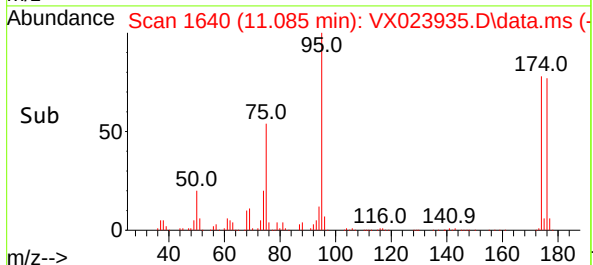
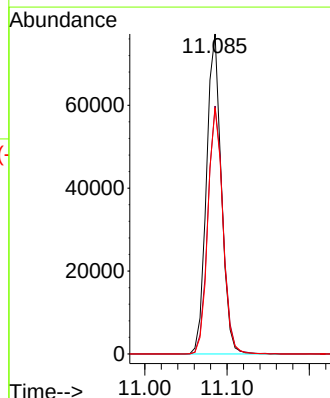
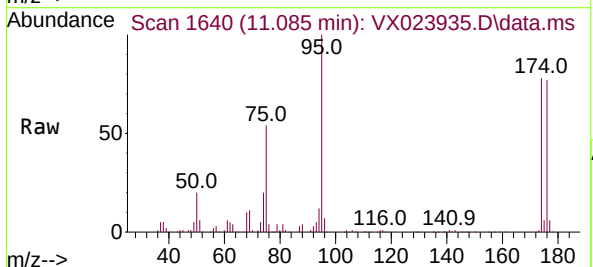
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

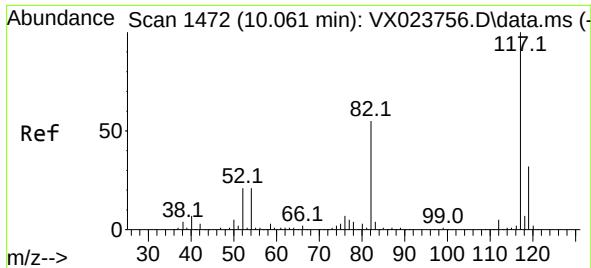
Tgt Ion:129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 42.172 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion: 95 Resp: 96890
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 77.3 0.0 155.8

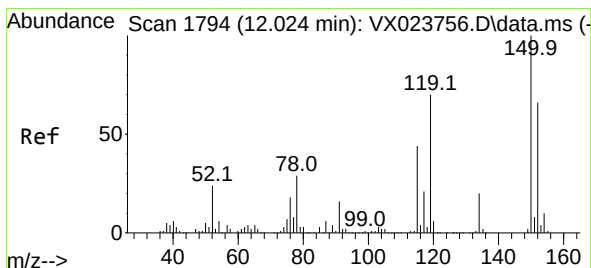
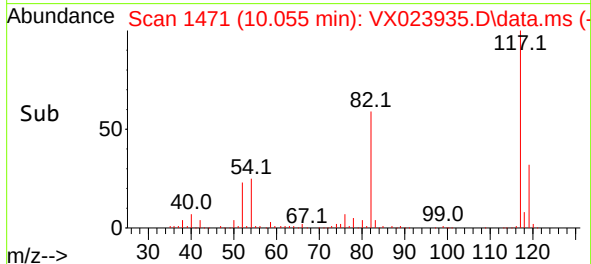
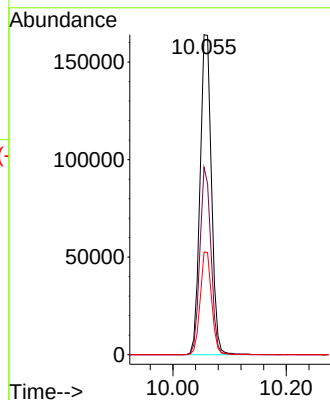
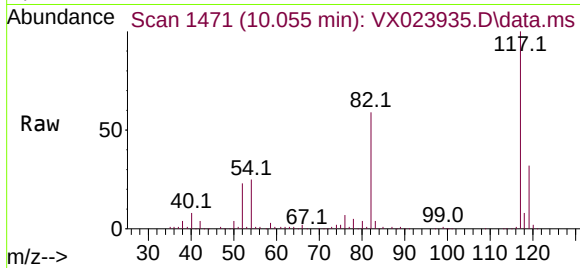




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

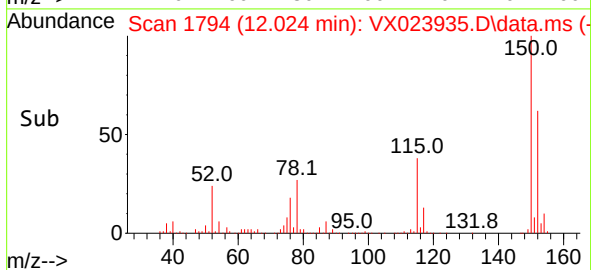
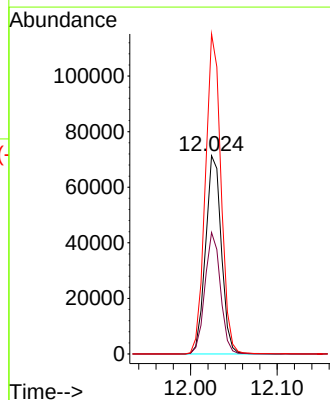
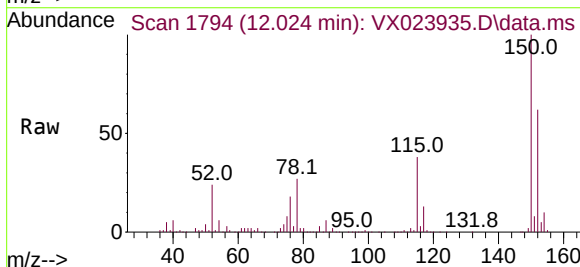
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

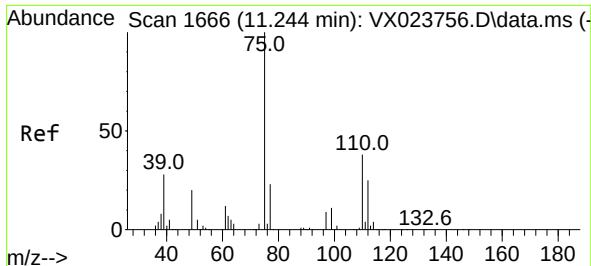
Tgt Ion:117 Resp: 228515
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Tgt Ion:152 Resp: 90153
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 159.6 0.0 349.0

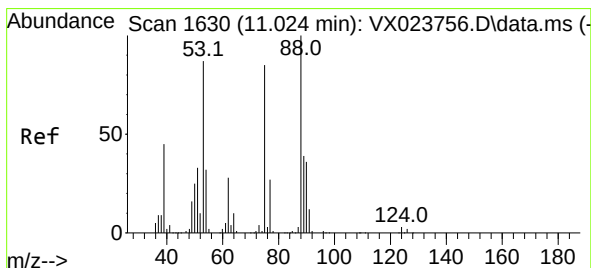
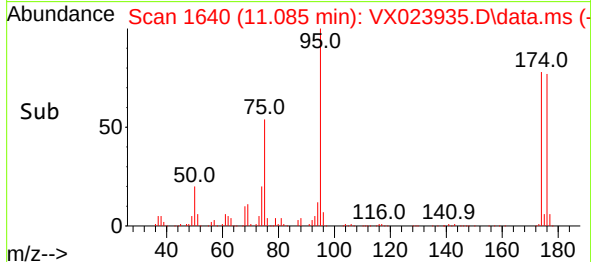
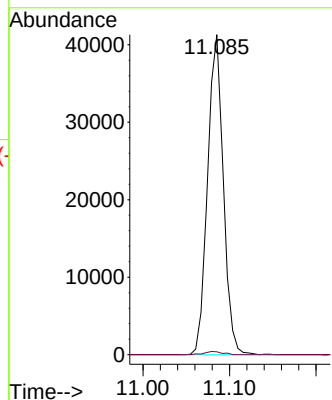
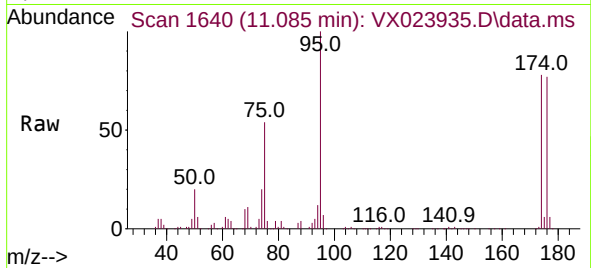




#76
1,2,3-Trichloropropane
Concen: 24.804 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

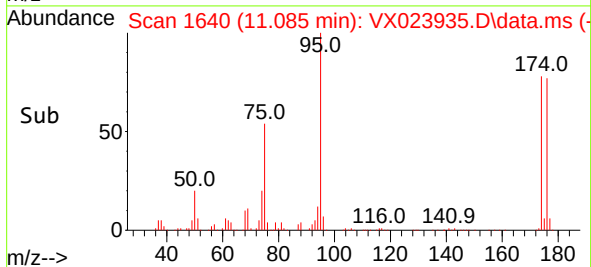
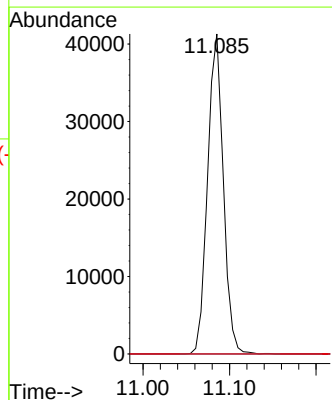
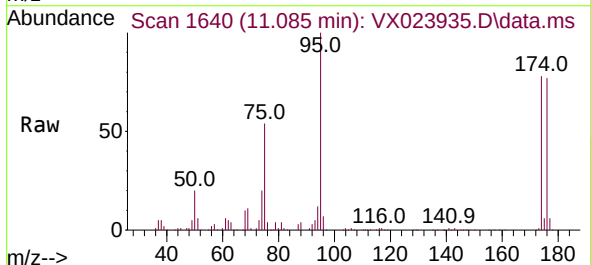
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121

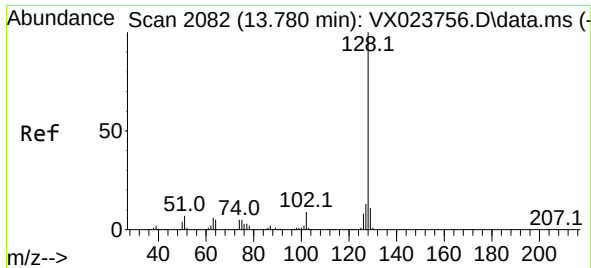
Tgt Ion: 75 Resp: 52164
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.963 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

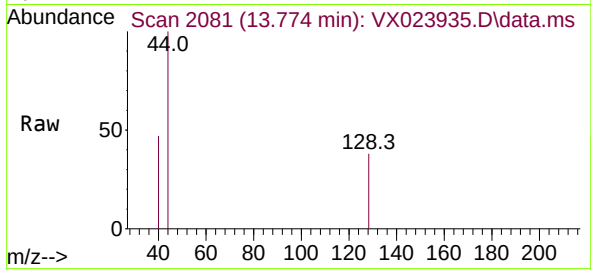
Tgt Ion: 75 Resp: 52164
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.304 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023935.D
Acq: 25 Aug 2021 13:56

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082121



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

