

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023938.D
 Acq On : 25 Aug 2021 15:07
 Operator : JC/MD
 Sample : M3525-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-081921

Quant Time: Aug 26 07:36:37 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)

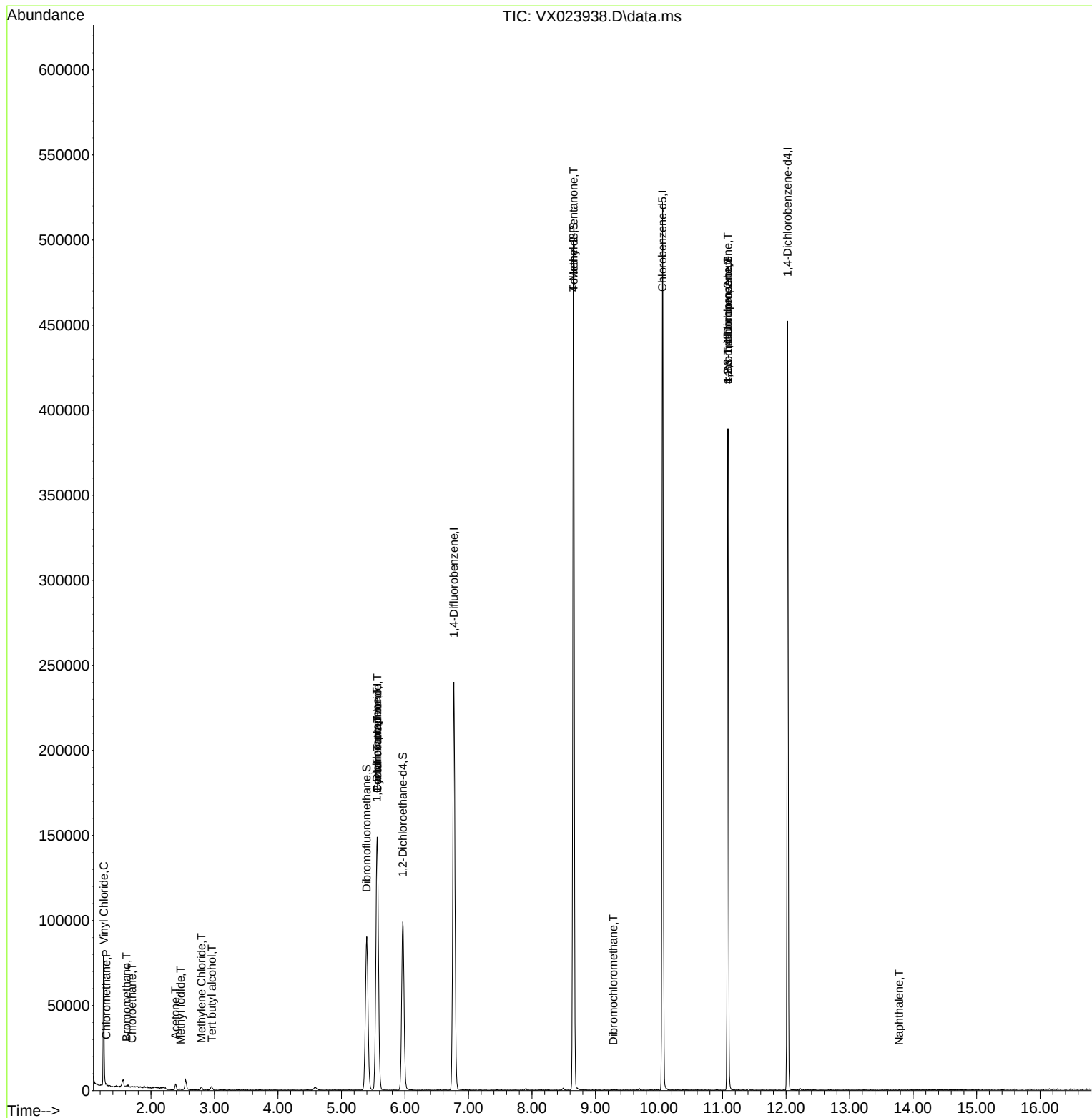
Internal Standards						
1) Pentafluorobenzene	5.562	168	138244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98228	50.910	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.820%
35) Dibromofluoromethane	5.397	113	76624	49.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	8.653	98	285299	48.049	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.100%
62) 4-Bromofluorobenzene	11.085	95	98805	45.203	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	492	0.307	ug/l	89
4) Vinyl Chloride	1.258	62	473	0.303	ug/l #	1
5) Bromomethane	1.618	94	541	0.551	ug/l	88
6) Chloroethane	1.703	64	107	2.296	ug/l #	43
10) Methyl Iodide	2.465	142	470	0.243	ug/l #	84
11) Tert butyl alcohol	2.959	59	1283	3.288	ug/l #	73
16) Acetone	2.386	43	3598	4.171	ug/l	94
20) Methylene Chloride	2.794	84	749	0.455	ug/l #	89
31) Cyclohexane	5.562	56	2973	1.199	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	11245	5.152	ug/l #	46
38) Carbon Tetrachloride	5.562	117	14997	6.589	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1515	0.558	ug/l #	1
60) Dibromochloromethane	9.281	129	53	1.715	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52457	25.745	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52457	75.729	ug/l #	12
95) Naphthalene	13.780	128	77	1.294	ug/l #	69

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

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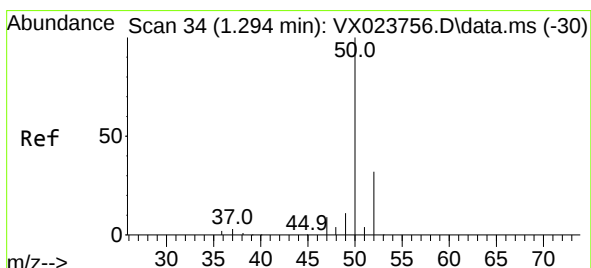
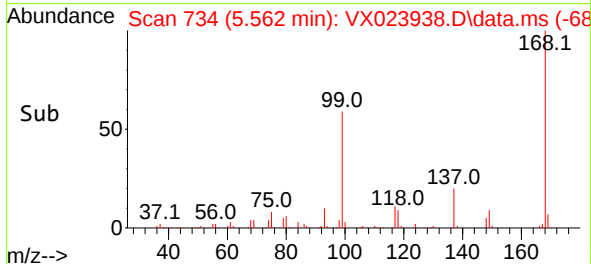
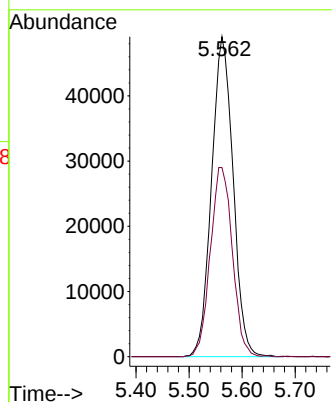
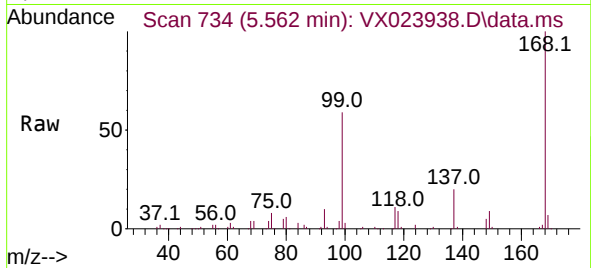




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

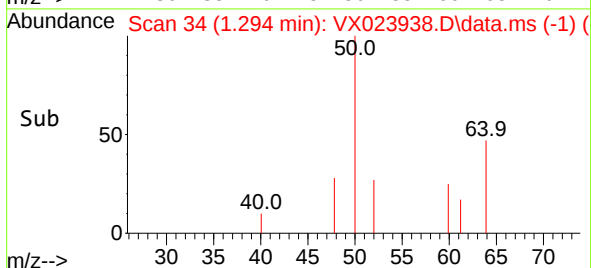
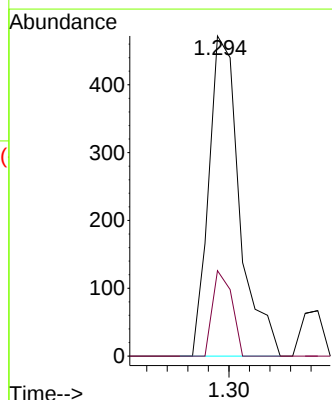
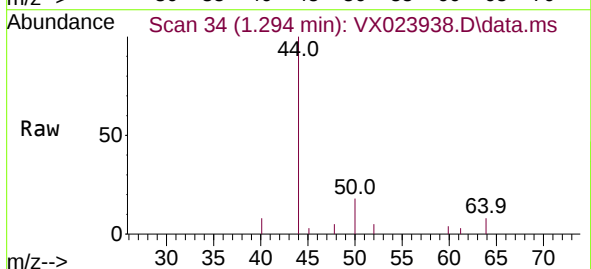
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-081921

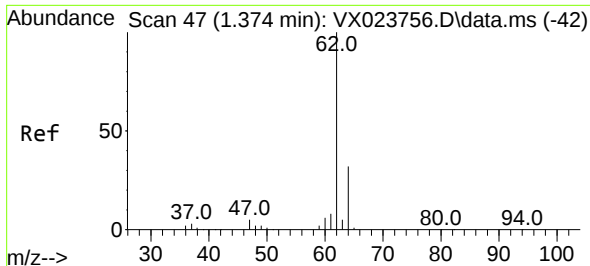
Tgt Ion:168 Resp: 138244
Ion Ratio Lower Upper
168 100
99 59.1 45.8 68.6



#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 50 Resp: 492
Ion Ratio Lower Upper
50 100
52 26.7 26.4 39.6

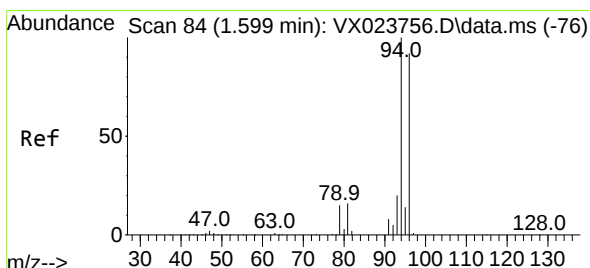
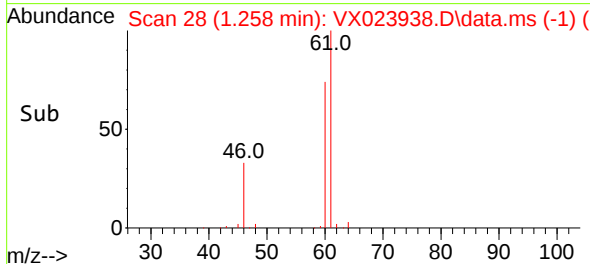
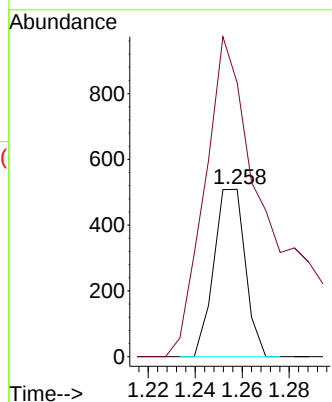
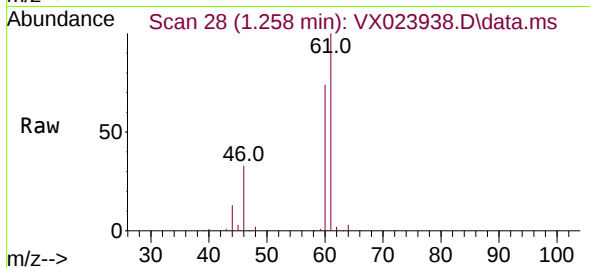




#4
 Vinyl Chloride
 Concen: 0.303 ug/l
 RT: 1.258 min Scan# 28
 Delta R.T. -0.116 min
 Lab File: VX023938.D
 Acq: 25 Aug 2021 15:07

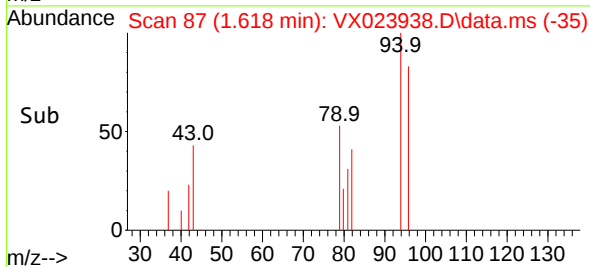
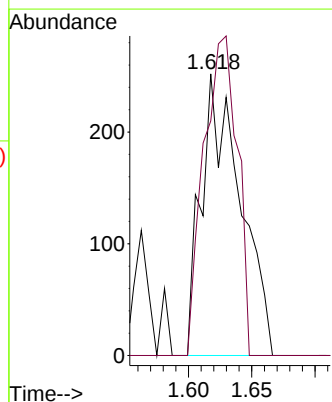
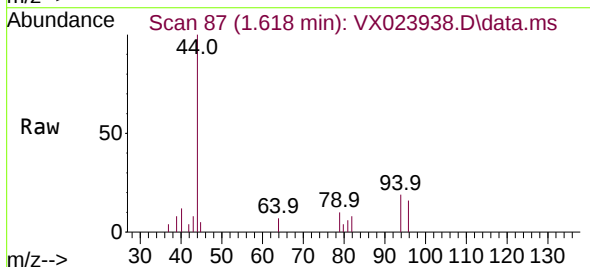
Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-081921

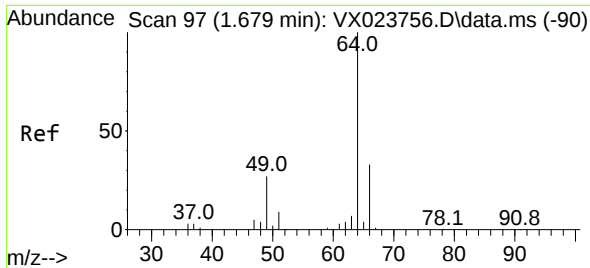
Tgt Ion: 62 Resp: 473
 Ion Ratio Lower Upper
 62 100
 64 152.5 25.7 38.5#



#5
 Bromomethane
 Concen: 0.551 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023938.D
 Acq: 25 Aug 2021 15:07

Tgt Ion: 94 Resp: 541
 Ion Ratio Lower Upper
 94 100
 96 83.3 76.4 114.6

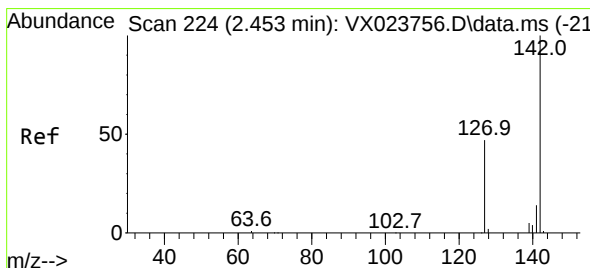
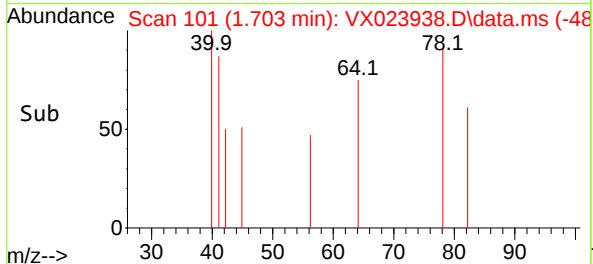
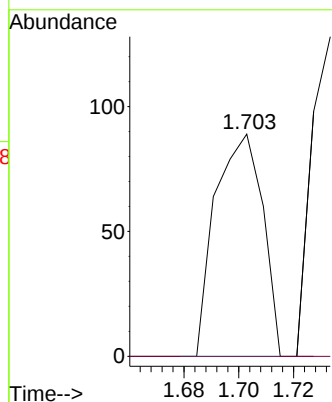
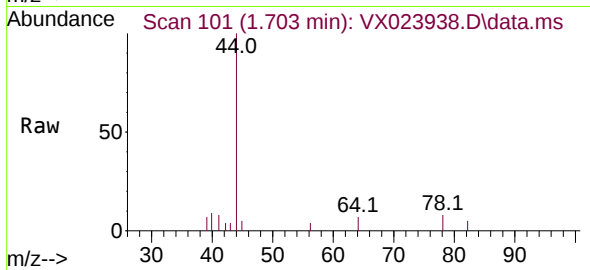




#6
Chloroethane
Concen: 2.296 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

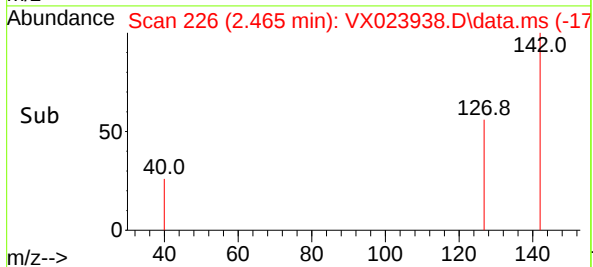
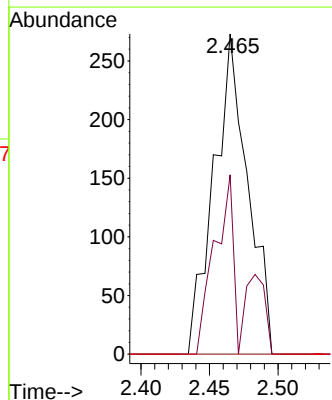
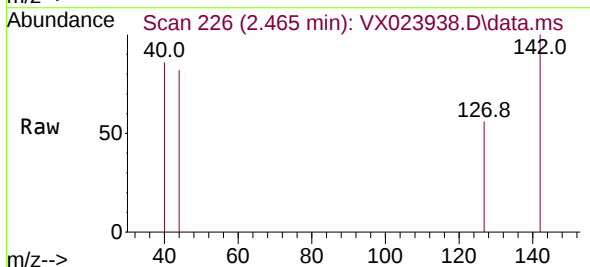
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-081921

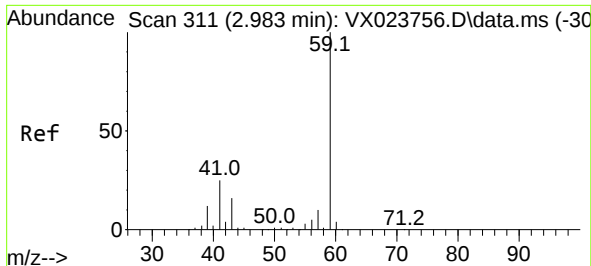
Tgt Ion: 64 Resp: 107
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 142 Resp: 470
Ion Ratio Lower Upper
142 100
127 35.3 33.3 49.9
141 0.0 11.4 17.0#



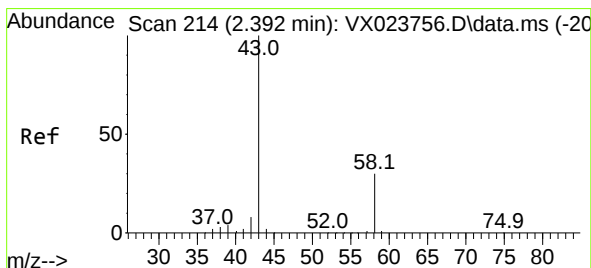
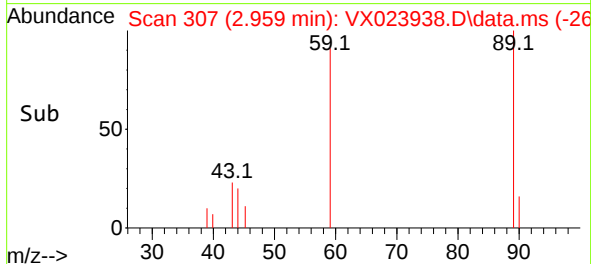
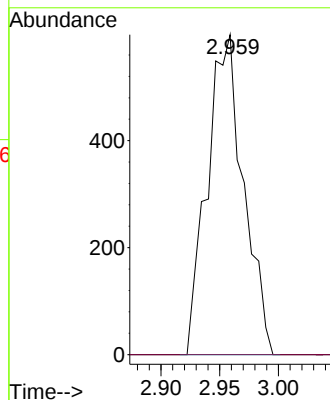
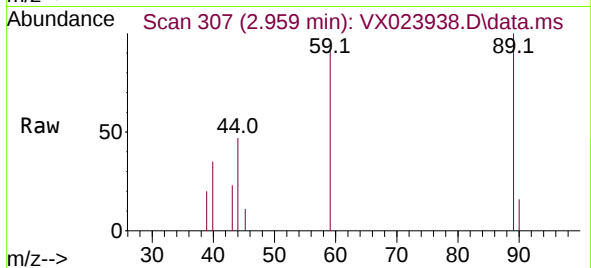


#11

Tert butyl alcohol
Concen: 3.288 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-081921

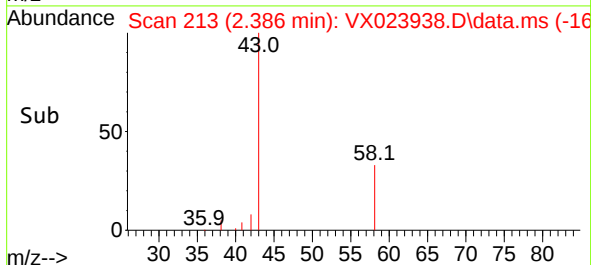
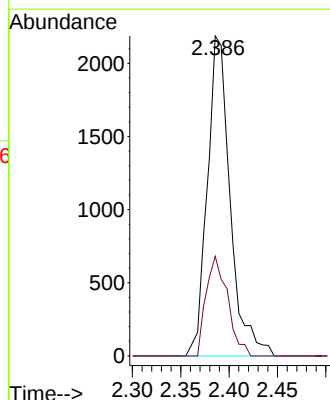
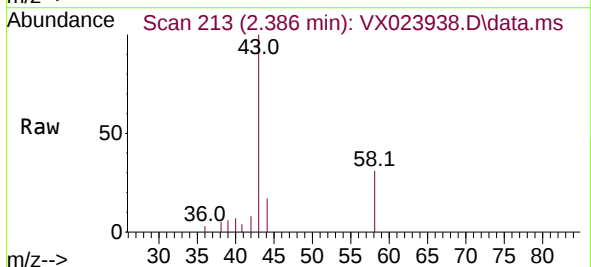
Tgt Ion: 59 Resp: 1283
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

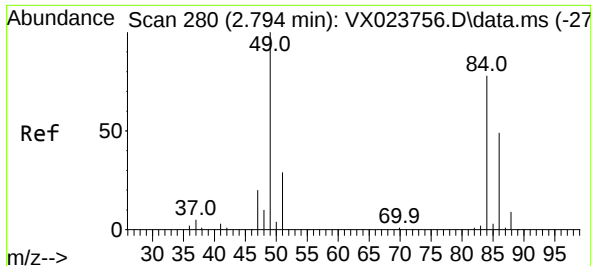


#16

Acetone
Concen: 4.171 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 43 Resp: 3598
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8





#20

Methylene Chloride

Concen: 0.455 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023938.D

Acq: 25 Aug 2021 15:07

Tgt Ion: 84 Resp: 749

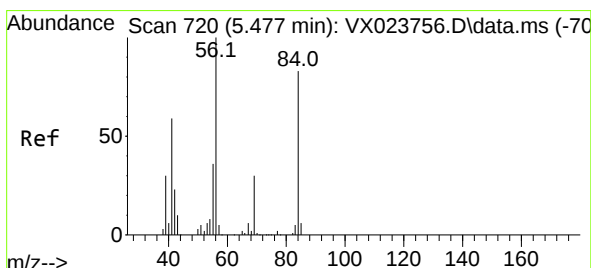
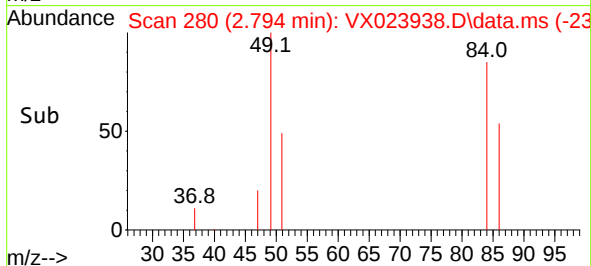
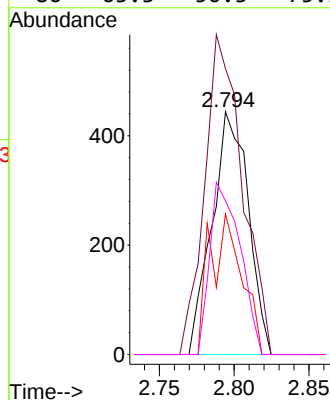
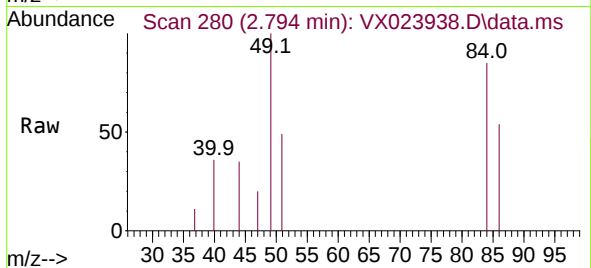
Ion Ratio Lower Upper

84 100

49 117.8 88.6 132.8

51 57.9 27.0 40.6#

86 63.3 50.3 75.5



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023938.D

Acq: 25 Aug 2021 15:07

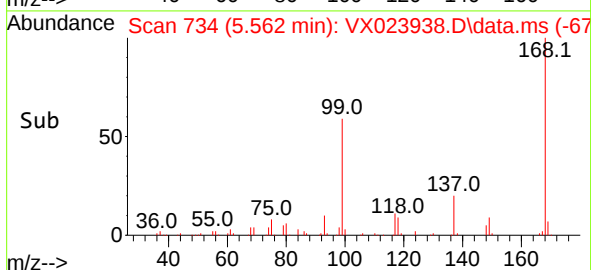
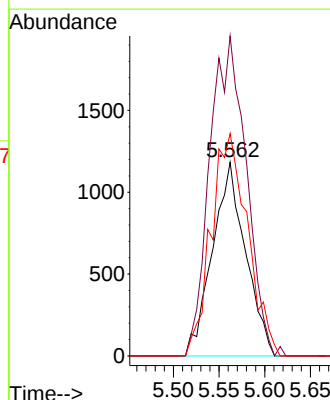
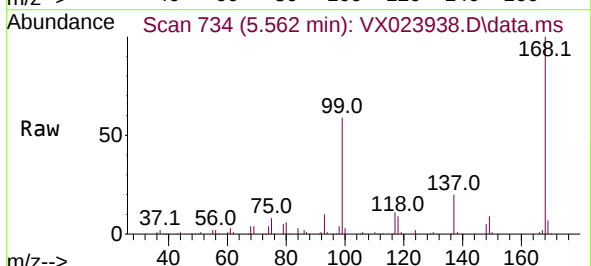
Tgt Ion: 56 Resp: 2973

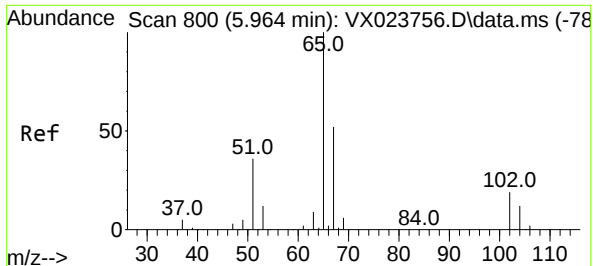
Ion Ratio Lower Upper

56 100

69 165.1 25.3 37.9#

84 114.8 71.4 107.0#



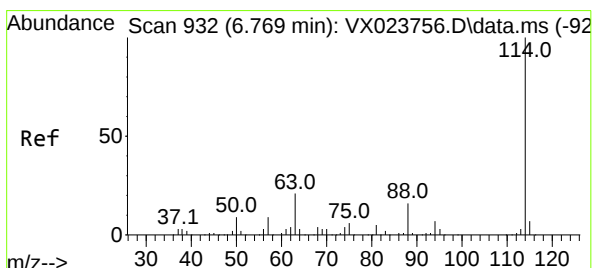
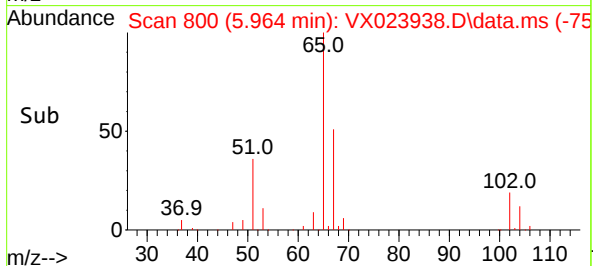
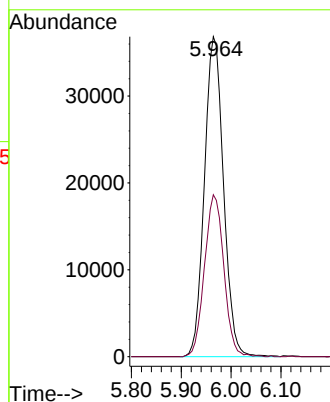
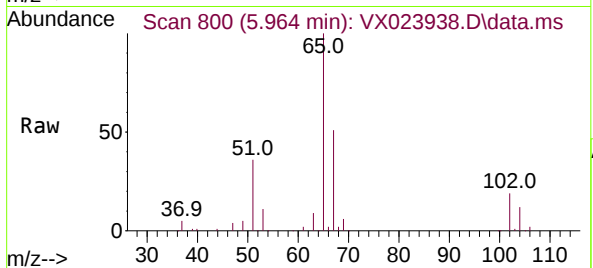


#33

1,2-Dichloroethane-d4
Concen: 50.910 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Instrument :
MSVOA_X
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WVLY-FB-081921

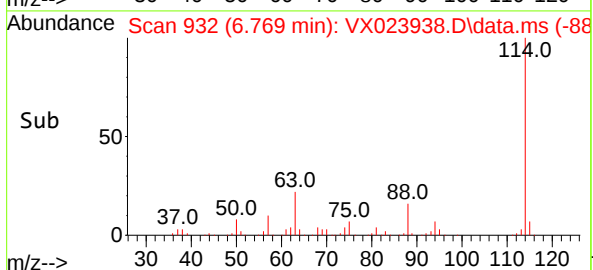
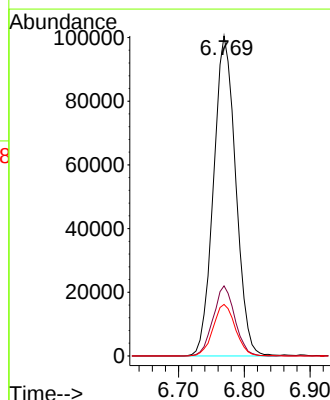
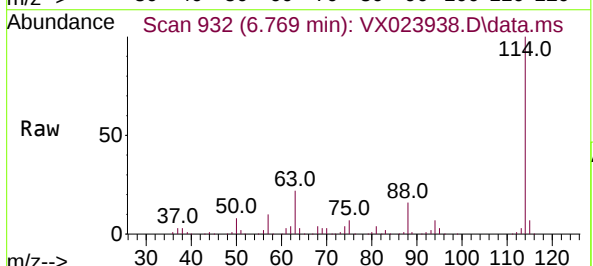
Tgt Ion: 65 Resp: 98228
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

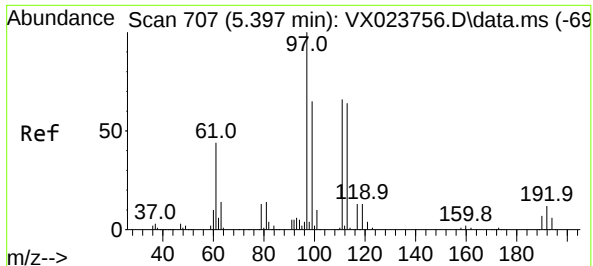


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 114 Resp: 235702
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.116 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023938.D

Acq: 25 Aug 2021 15:07

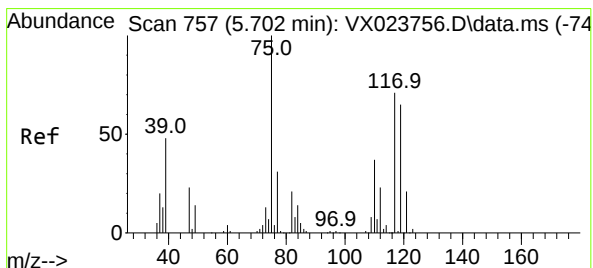
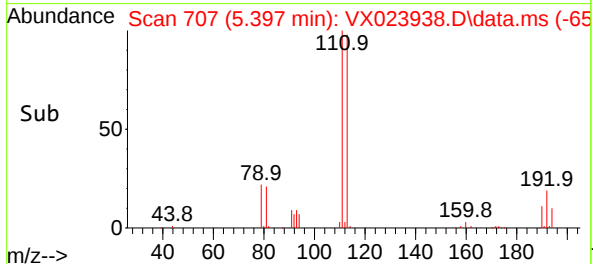
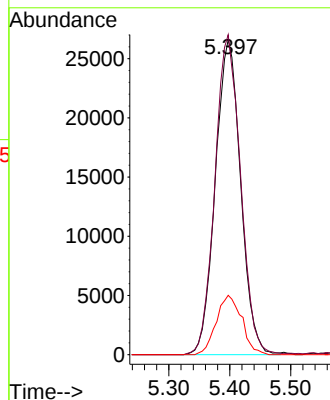
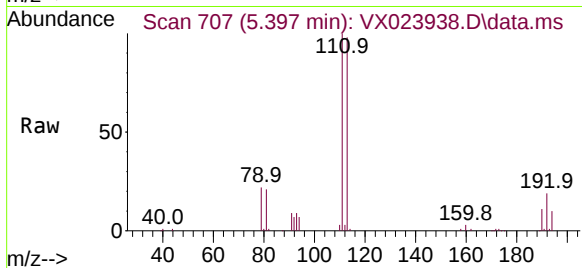
Tgt Ion:113 Resp: 76624

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 19.0 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.152 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023938.D

Acq: 25 Aug 2021 15:07

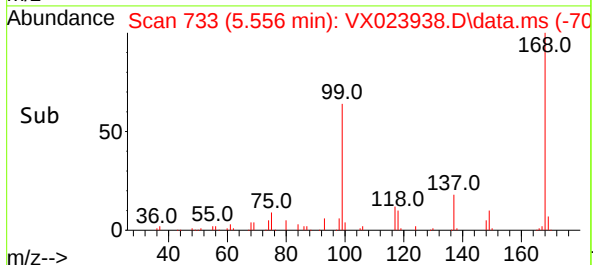
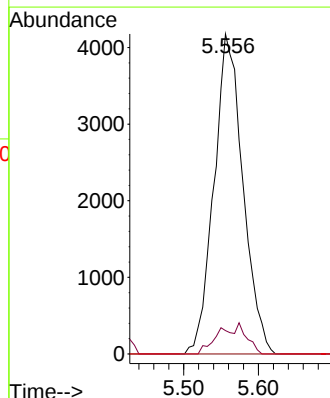
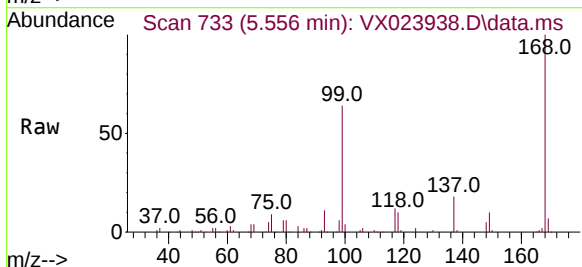
Tgt Ion: 75 Resp: 11245

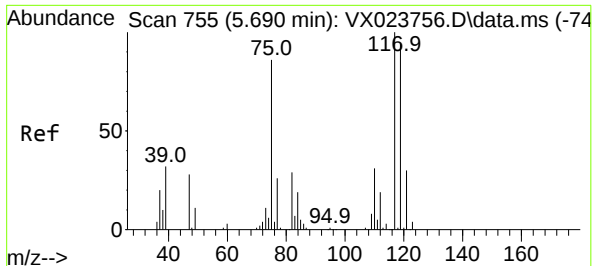
Ion Ratio Lower Upper

75 100

110 5.8 18.1 54.4#

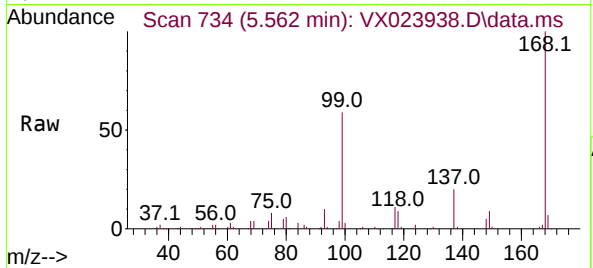
77 0.0 25.3 37.9#



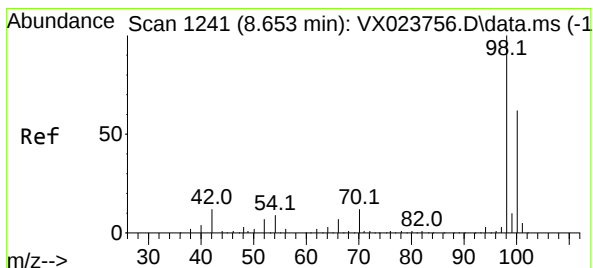
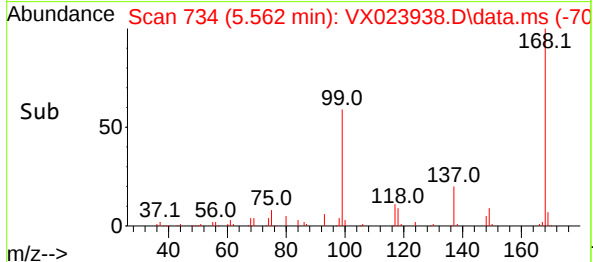
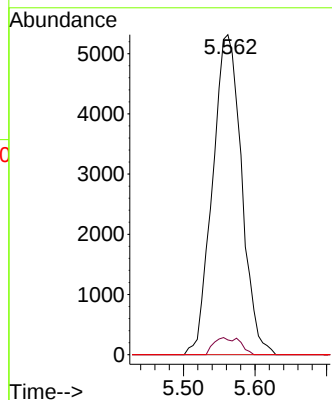


#38
Carbon Tetrachloride
Concen: 6.589 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-081921

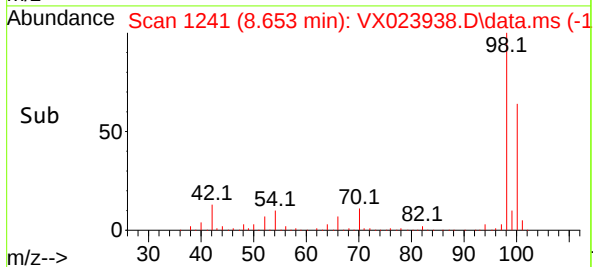
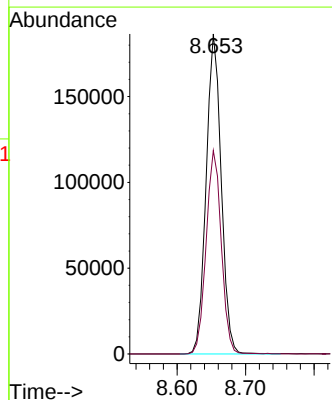
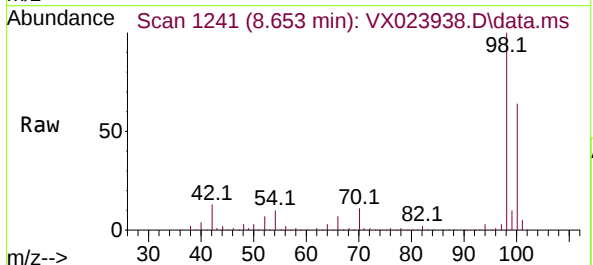


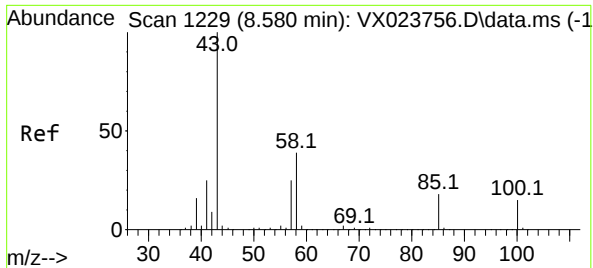
Tgt Ion:117 Resp: 14997
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.049 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 98 Resp: 285299
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

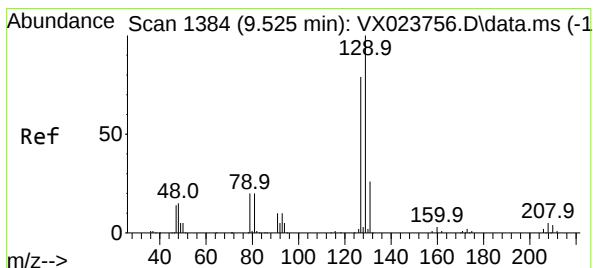
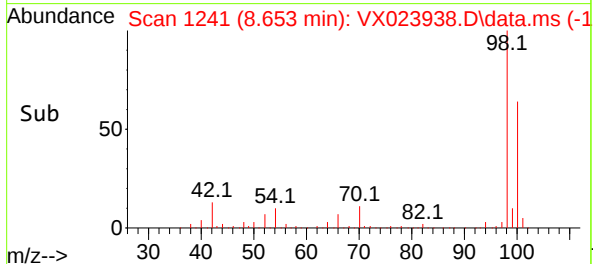
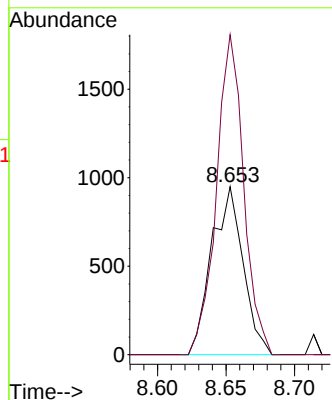
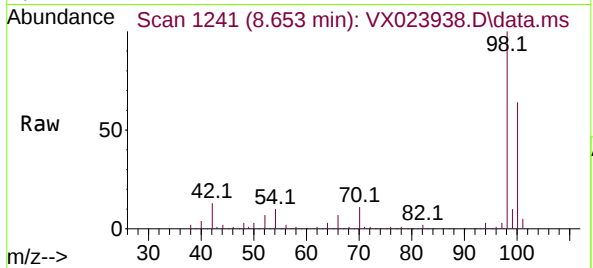




#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

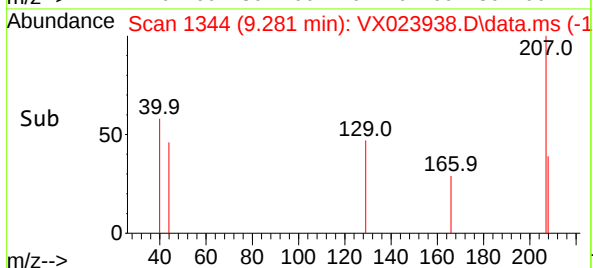
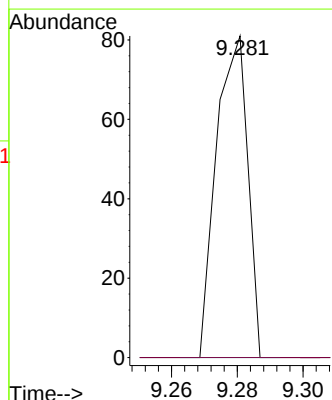
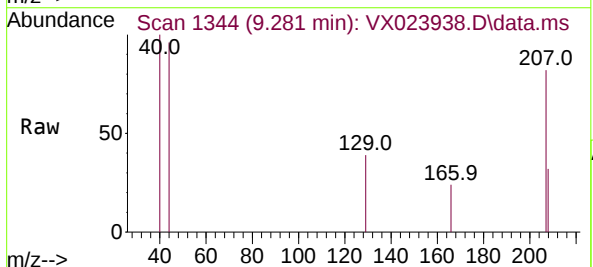
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-081921

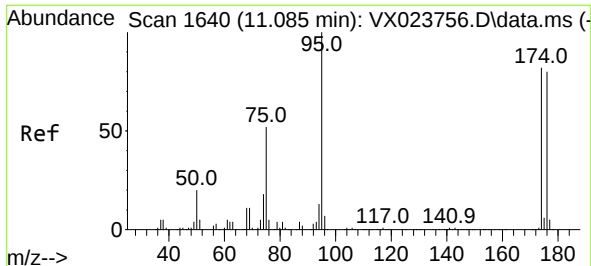
Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 165.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.715 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 129 Resp: 53
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

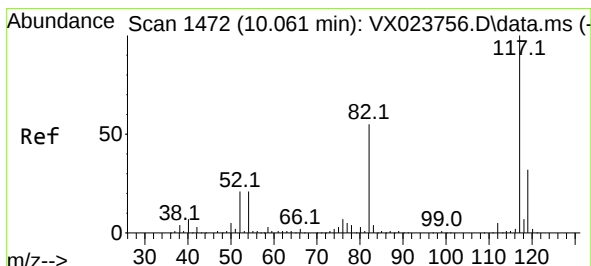
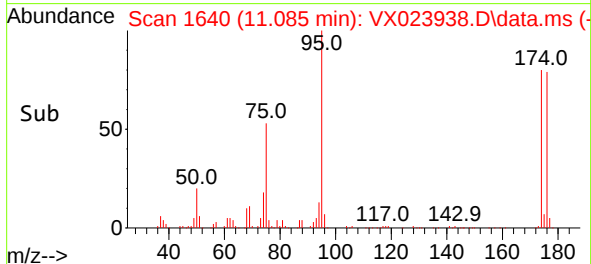
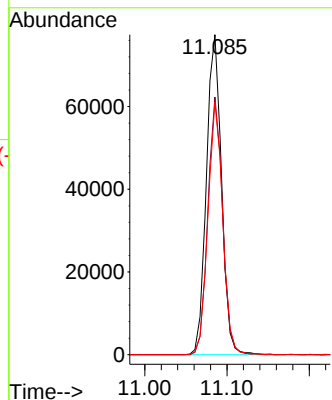
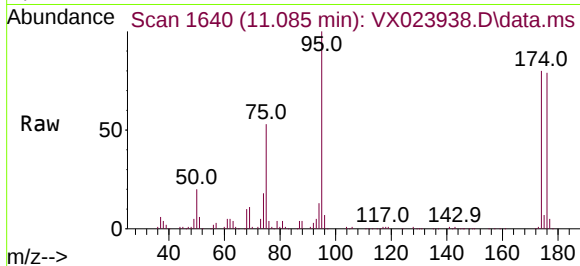




#62
4-Bromofluorobenzene
Concen: 45.203 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

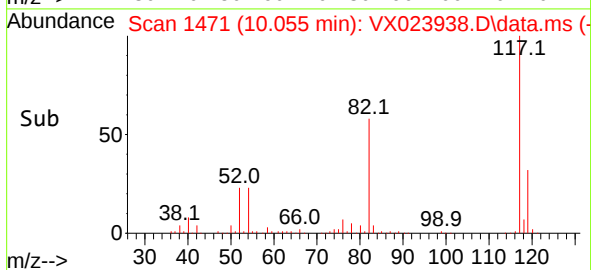
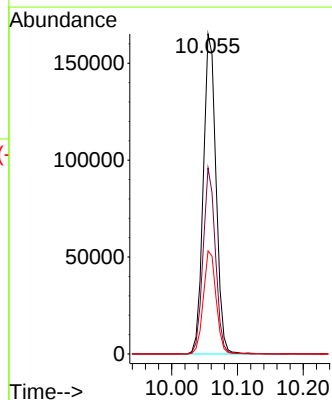
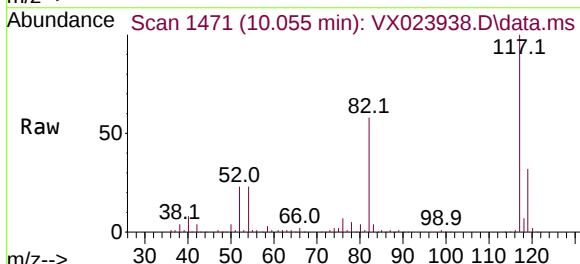
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-081921

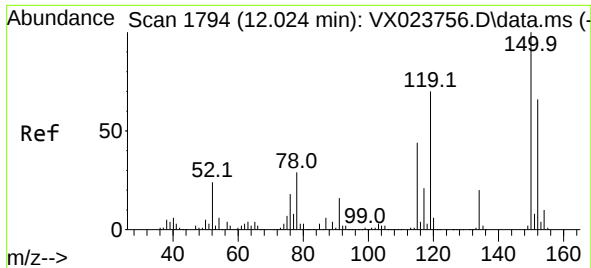
Tgt Ion: 95 Resp: 98805
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 117 Resp: 222357
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.2 26.6 39.8

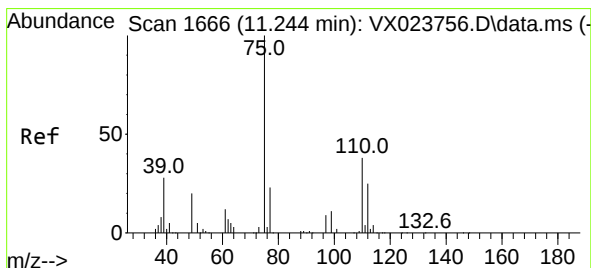
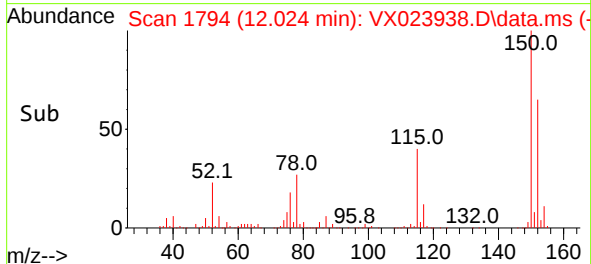
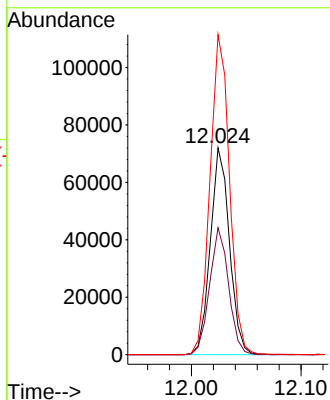
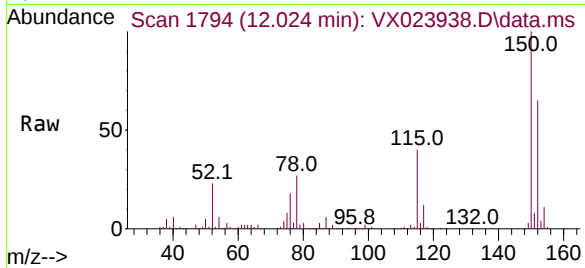




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023938.D
 Acq: 25 Aug 2021 15:07

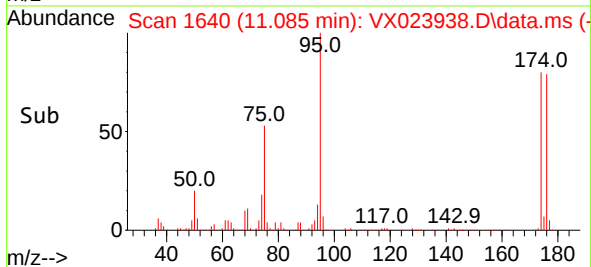
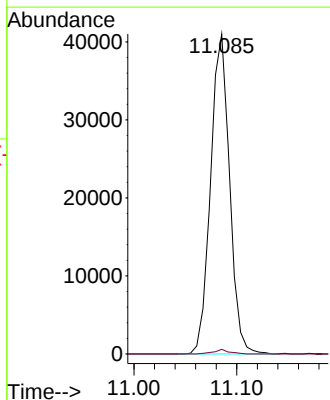
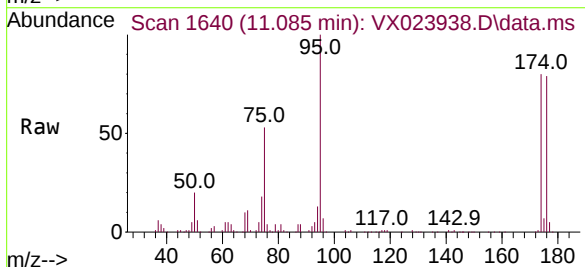
Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-081921

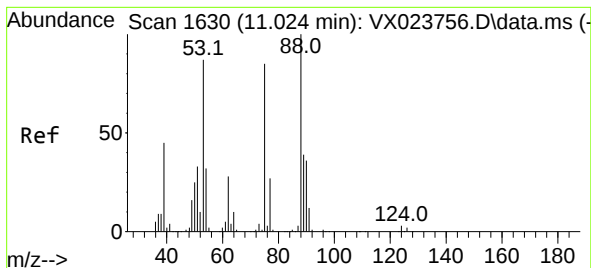
Tgt Ion:152 Resp: 87348
 Ion Ratio Lower Upper
 152 100
 115 61.1 41.1 123.3
 150 158.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.745 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023938.D
 Acq: 25 Aug 2021 15:07

Tgt Ion: 75 Resp: 52457
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

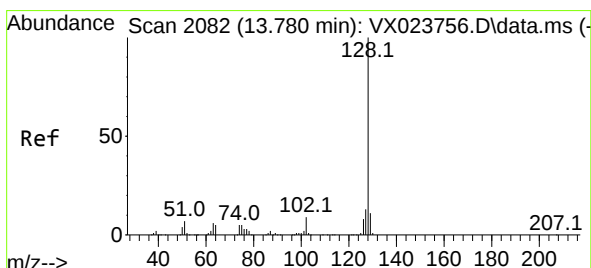
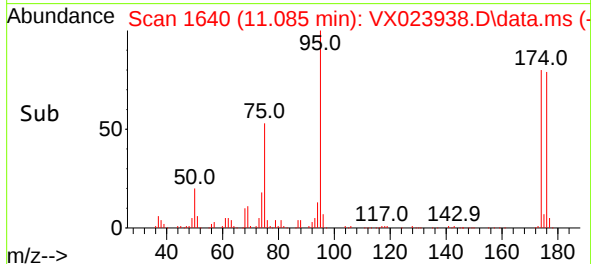
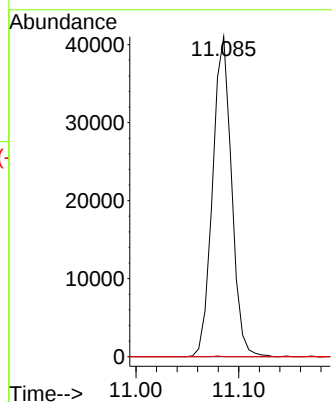
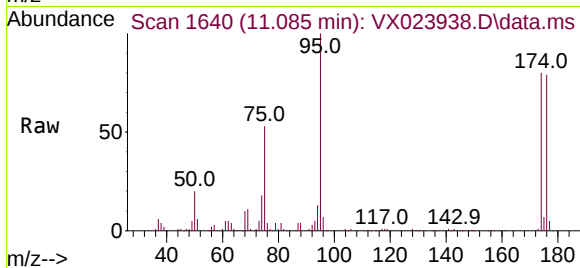




#81
trans-1,4-Dichloro-2-butene
Concen: 75.729 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-081921

Tgt Ion: 75 Resp: 52457
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.294 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023938.D
Acq: 25 Aug 2021 15:07

Tgt Ion: 128 Resp: 77
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

