

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082521\
 Data File : VX023936.D
 Acq On : 25 Aug 2021 14:20
 Operator : JC/MD
 Sample : M3525-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-082021

Quant Time: Aug 26 07:36:17 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)

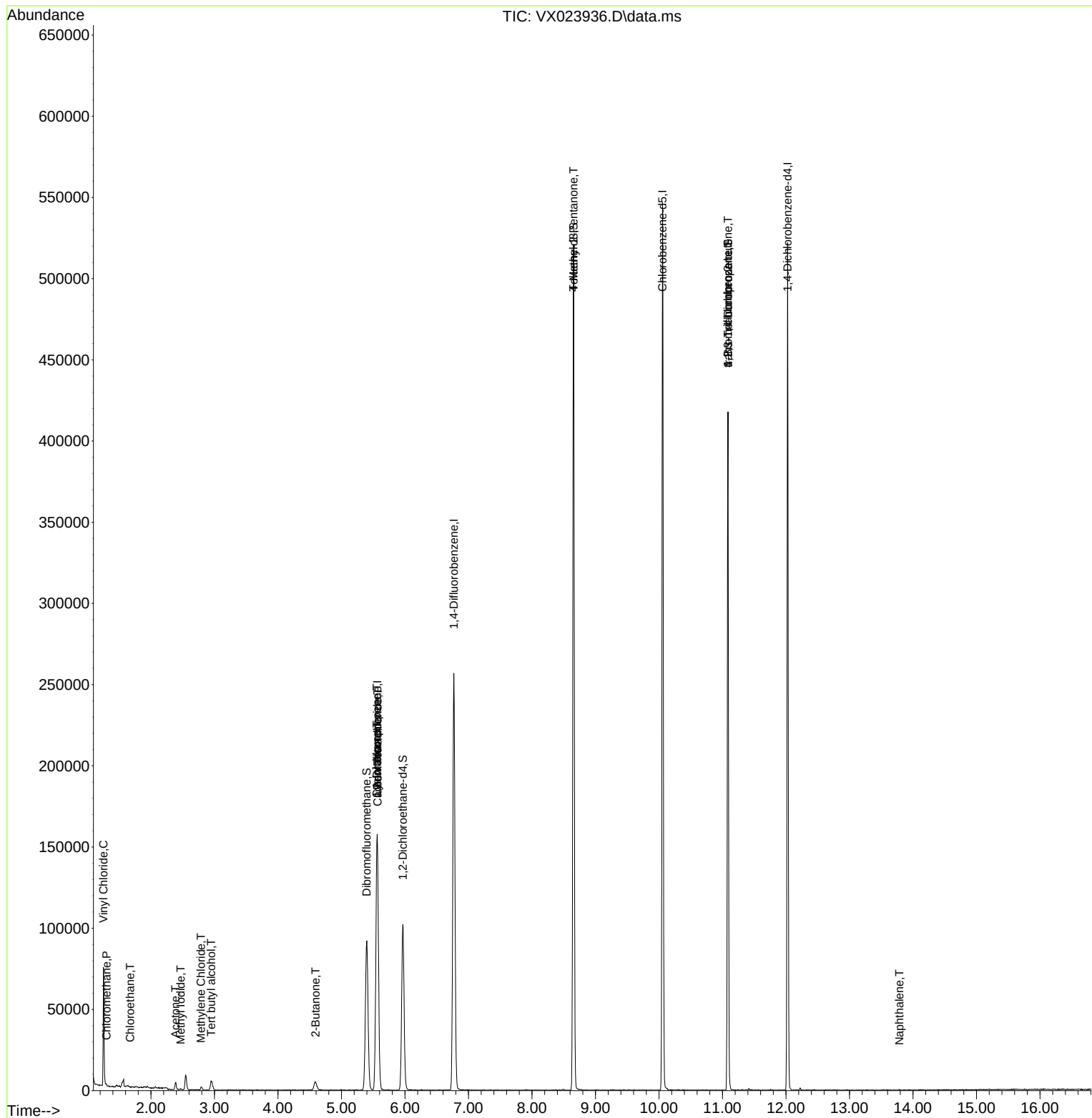
Internal Standards						
1) Pentafluorobenzene	5.562	168	146569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101097	49.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.840%
35) Dibromofluoromethane	5.397	113	79982	47.971	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	8.653	98	292624	46.112	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.220%
62) 4-Bromofluorobenzene	11.085	95	102198	43.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	352	0.207	ug/l #	86
4) Vinyl Chloride	1.252	62	572	0.345	ug/l #	1
6) Chloroethane	1.673	64	80	2.273	ug/l #	43
10) Methyl Iodide	2.465	142	709	0.346	ug/l #	88
11) Tert butyl alcohol	2.947	59	3878	9.374	ug/l #	73
16) Acetone	2.386	43	4824	5.274	ug/l	95
20) Methylene Chloride	2.788	84	880	0.504	ug/l #	80
25) 2-Butanone	4.593	43	432	0.312	ug/l #	45
31) Cyclohexane	5.556	56	3464	1.318	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	12613	5.407	ug/l #	49
38) Carbon Tetrachloride	5.568	117	15292	6.286	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1580	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55571	24.166	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55571	71.086	ug/l #	12
95) Naphthalene	13.786	128	194	1.309	ug/l #	69

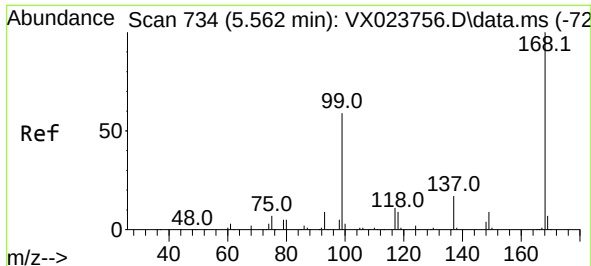
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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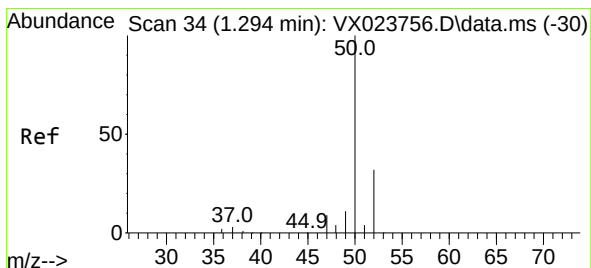
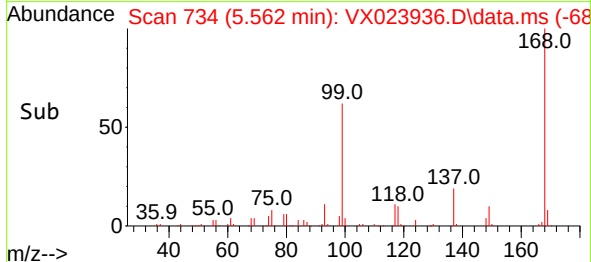
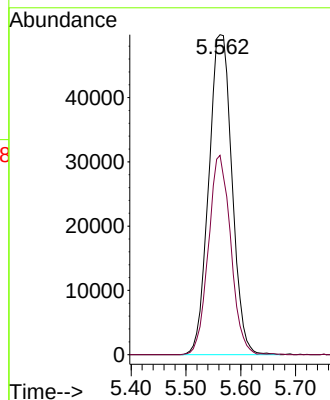
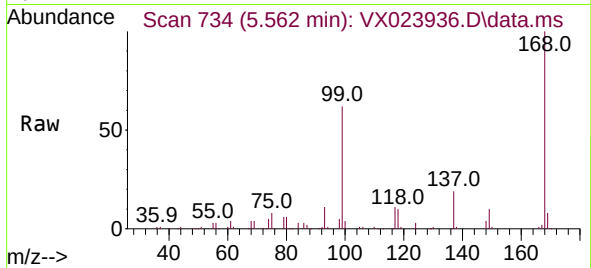




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

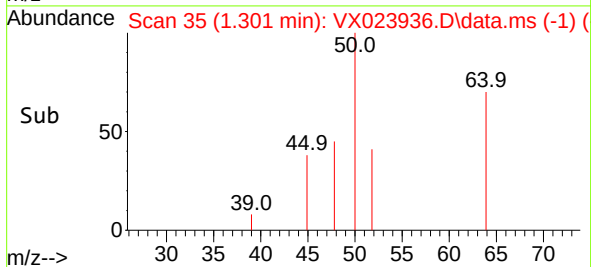
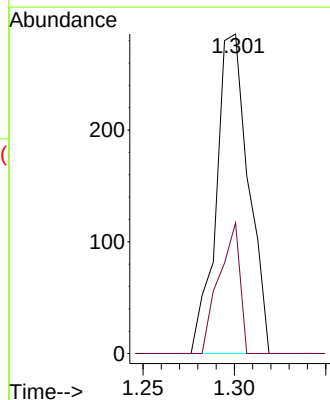
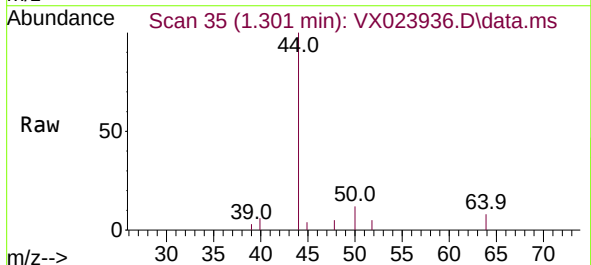
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082021

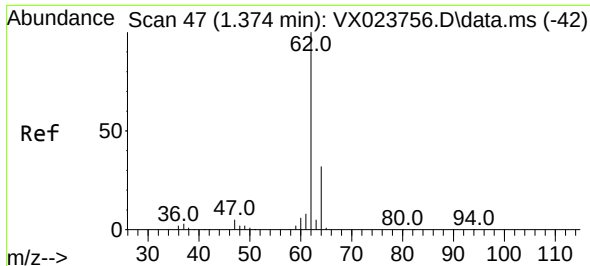
Tgt Ion:168 Resp: 146569
Ion Ratio Lower Upper
168 100
99 62.3 45.8 68.6



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 40.9 26.4 39.6#

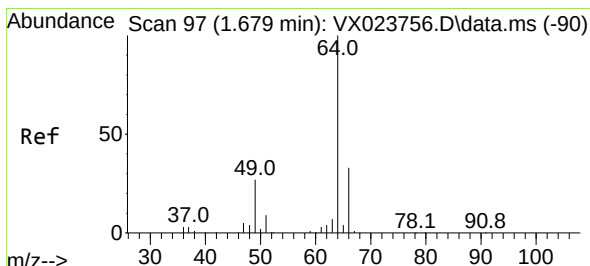
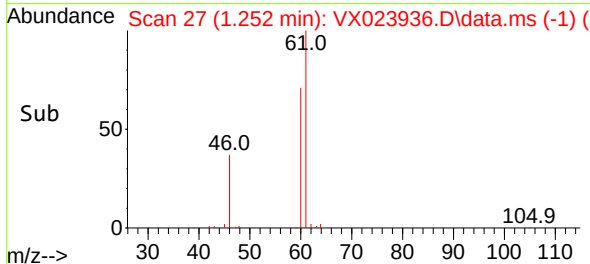
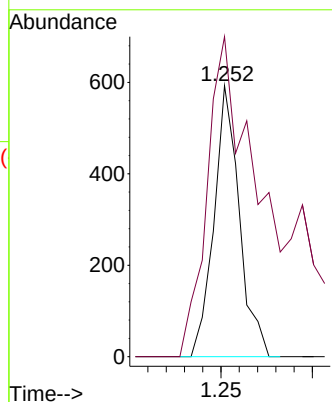
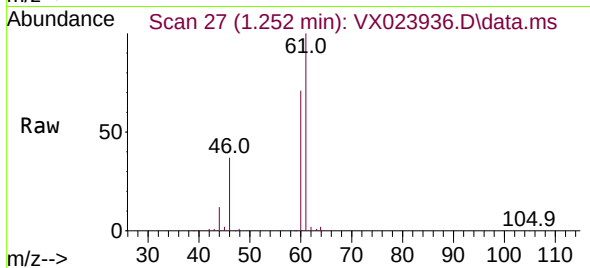




#4
 Vinyl Chloride
 Concen: 0.345 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023936.D
 Acq: 25 Aug 2021 14:20

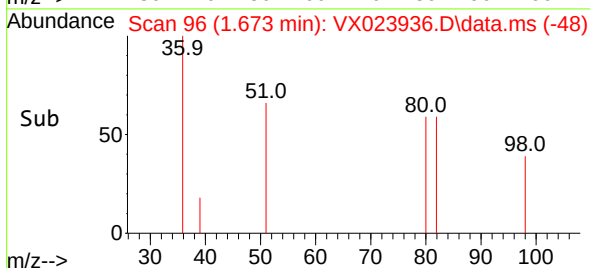
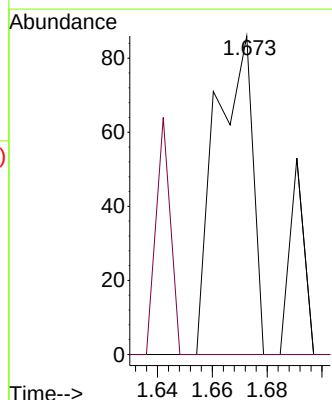
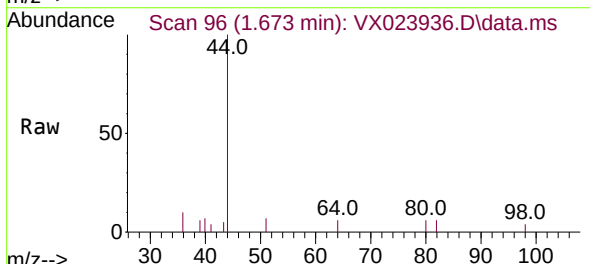
Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-082021

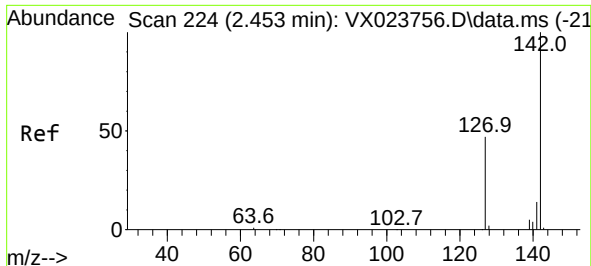
Tgt Ion: 62 Resp: 572
 Ion Ratio Lower Upper
 62 100
 64 118.0 25.7 38.5#



#6
 Chloroethane
 Concen: 2.273 ug/l
 RT: 1.673 min Scan# 96
 Delta R.T. -0.006 min
 Lab File: VX023936.D
 Acq: 25 Aug 2021 14:20

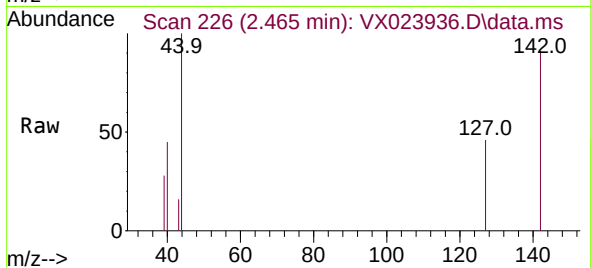
Tgt Ion: 64 Resp: 80
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.4 38.0#



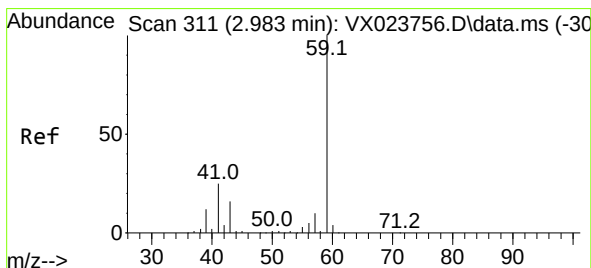
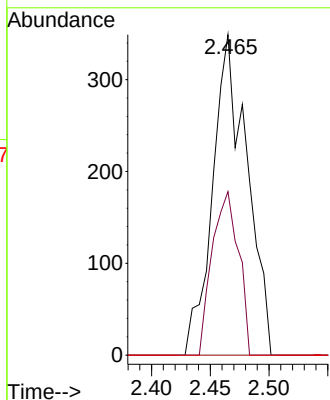
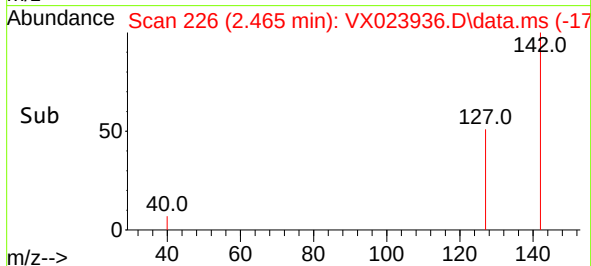


#10
Methyl Iodide
Concen: 0.346 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

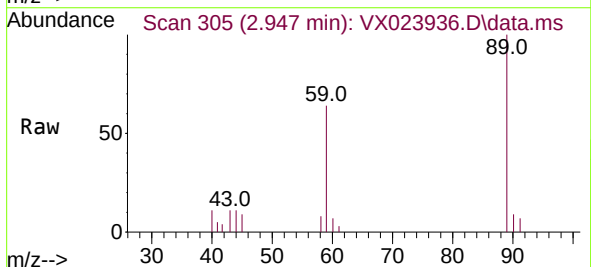
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082021



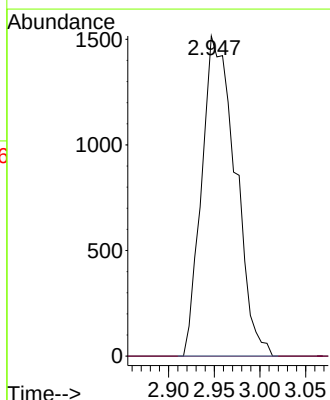
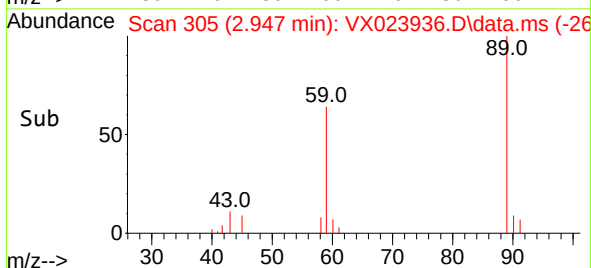
Tgt Ion:	142	Resp:	709
Ion	Ratio	Lower	Upper
142	100		
127	39.1	33.3	49.9
141	0.0	11.4	17.0#

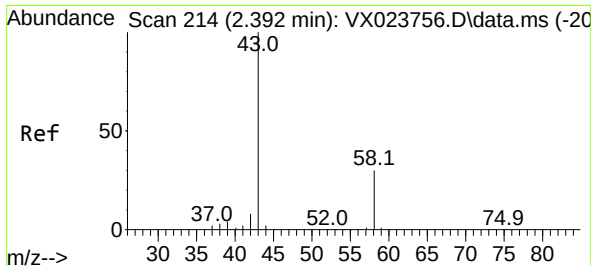


#11
Tert butyl alcohol
Concen: 9.374 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20



Tgt Ion:	59	Resp:	3878
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

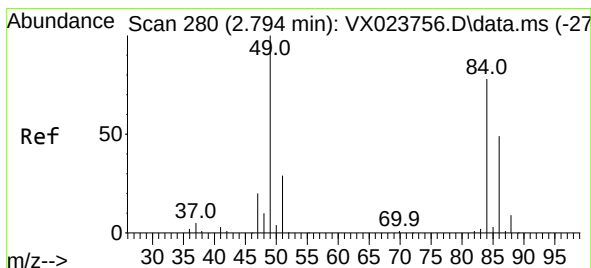
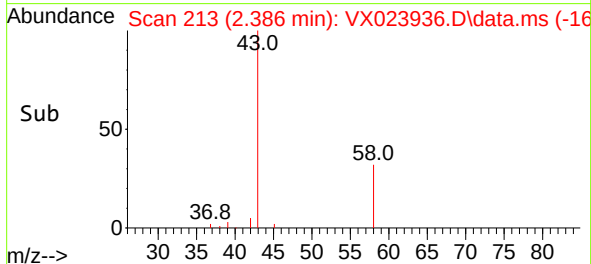
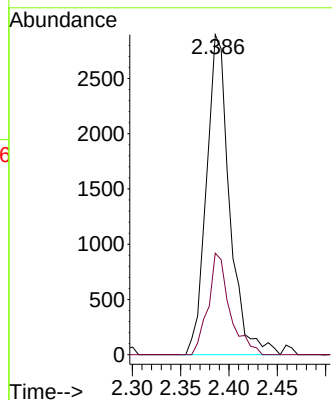
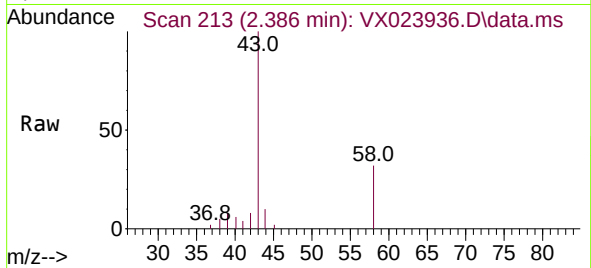




#16
Acetone
Concen: 5.274 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

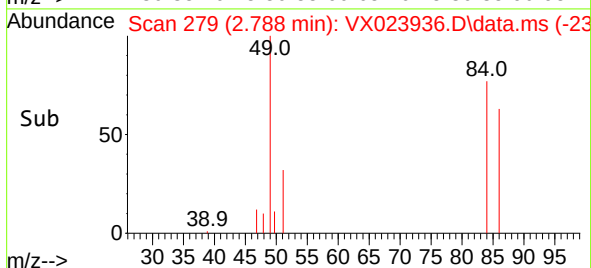
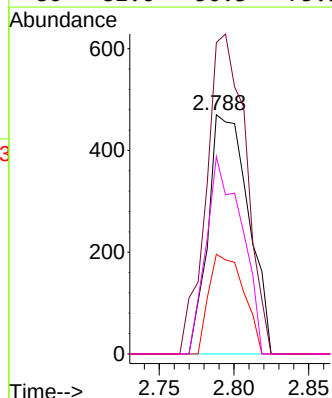
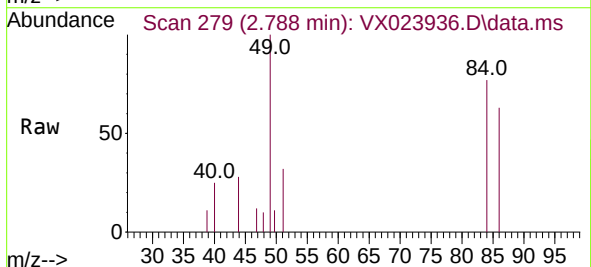
Instrument :
MSVOA_X
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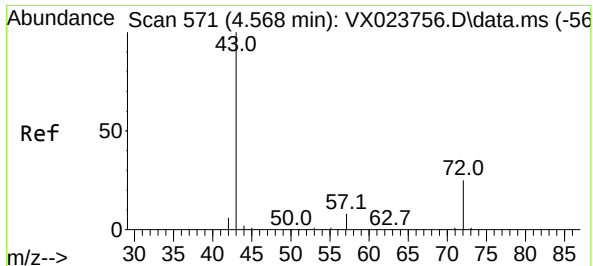
Tgt Ion: 43 Resp: 4824
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8



#20
Methylene Chloride
Concen: 0.504 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Tgt Ion: 84 Resp: 880
Ion Ratio Lower Upper
84 100
49 130.2 88.6 132.8
51 41.7 27.0 40.6#
86 82.6 50.3 75.5#





#25

2-Butanone

Concen: 0.312 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX023936.D

Acq: 25 Aug 2021 14:20

Tgt Ion: 43 Resp: 432

Ion Ratio Lower Upper

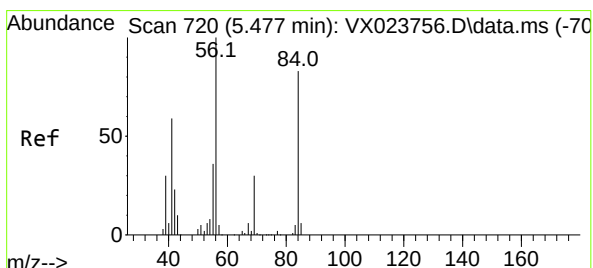
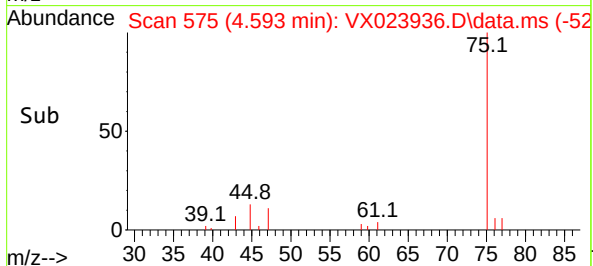
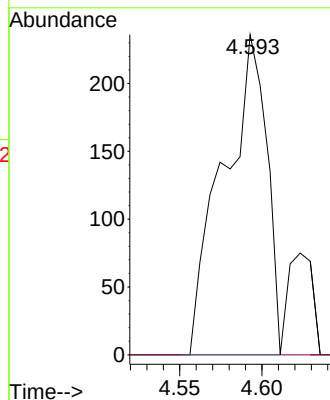
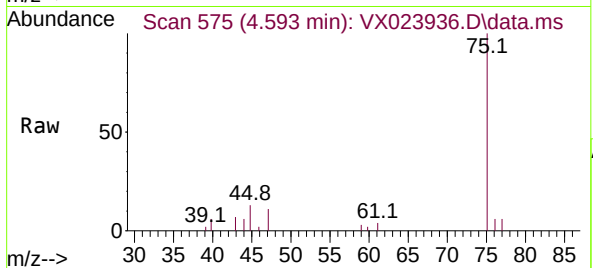
43	100		
72	0.0	23.7	35.5#

Instrument :

MSVOA_X

ClientSampleId :

WVLY-FB-082021



#31

Cyclohexane

Concen: 1.318 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

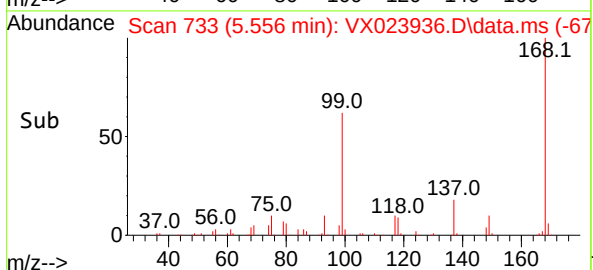
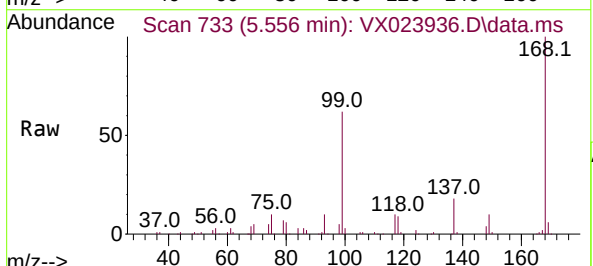
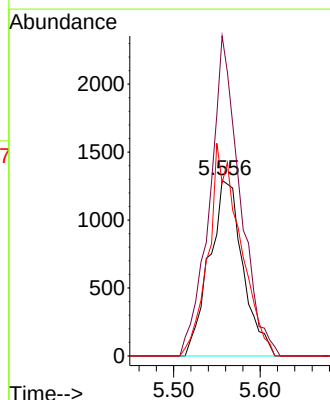
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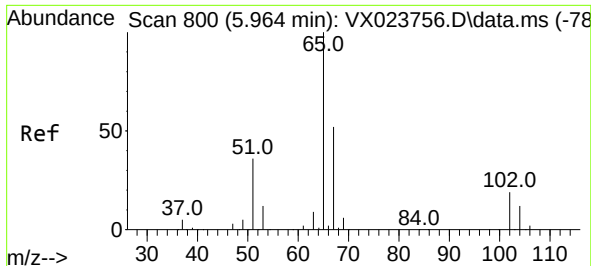
Acq: 25 Aug 2021 14:20

Tgt Ion: 56 Resp: 3464

Ion Ratio Lower Upper

56	100		
69	182.1	25.3	37.9#
84	98.6	71.4	107.0

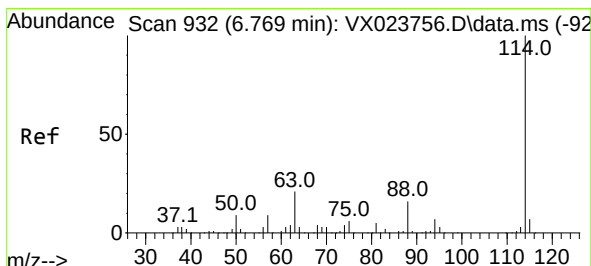
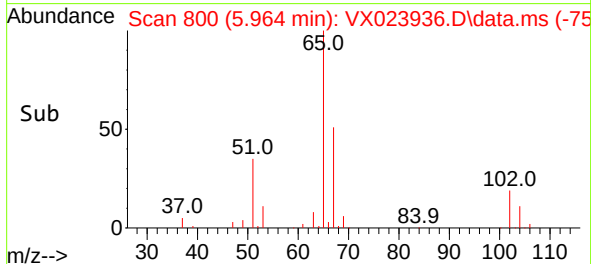
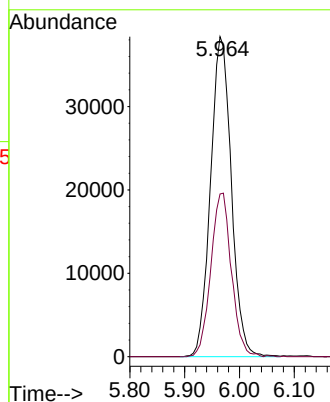
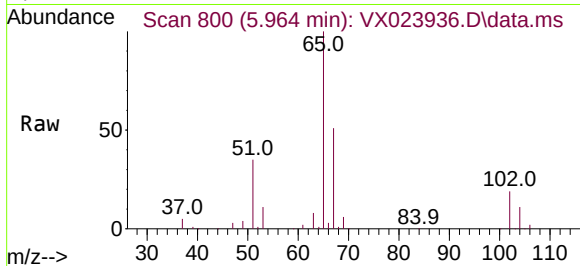




#33
 1,2-Dichloroethane-d4
 Concen: 49.421 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023936.D
 Acq: 25 Aug 2021 14:20

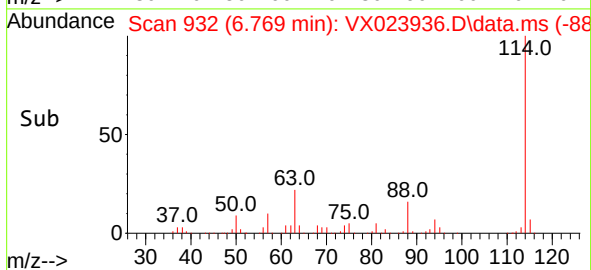
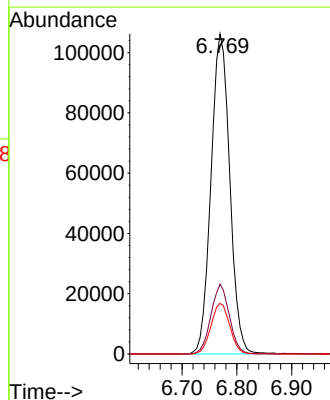
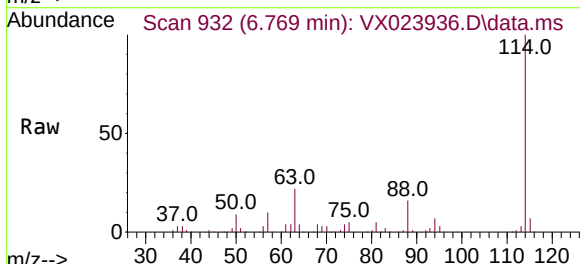
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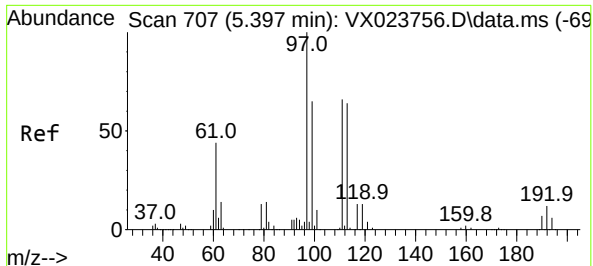
Tgt Ion: 65 Resp: 101097
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023936.D
 Acq: 25 Aug 2021 14:20

Tgt Ion: 114 Resp: 251907
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.8
 88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.971 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023936.D

Acq: 25 Aug 2021 14:20

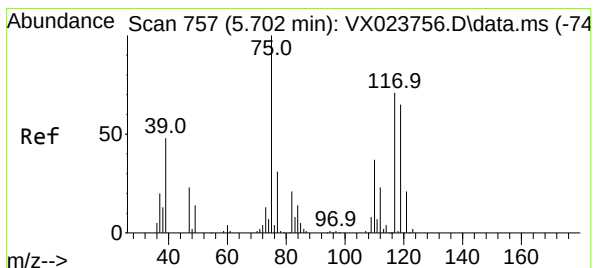
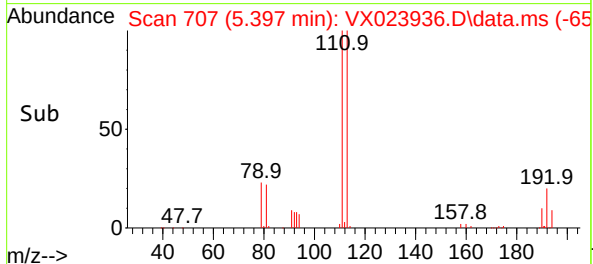
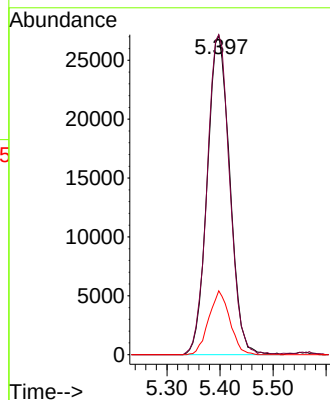
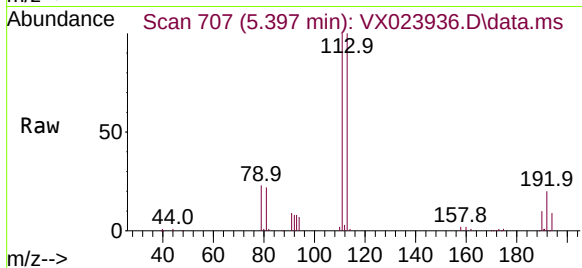
Tgt Ion:113 Resp: 79982

Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

192 18.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.407 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023936.D

Acq: 25 Aug 2021 14:20

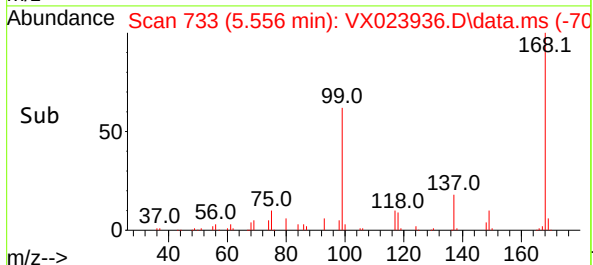
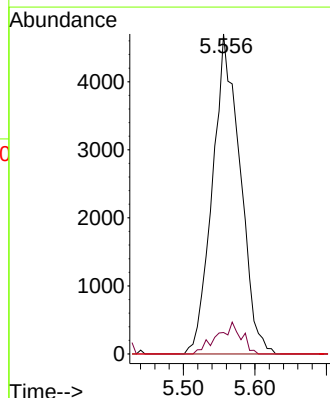
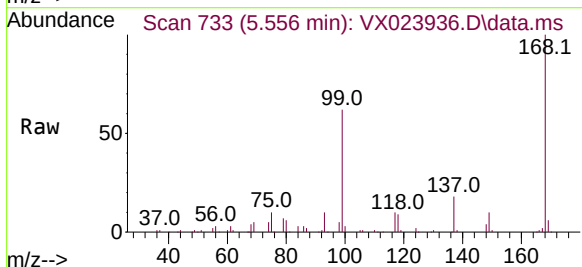
Tgt Ion: 75 Resp: 12613

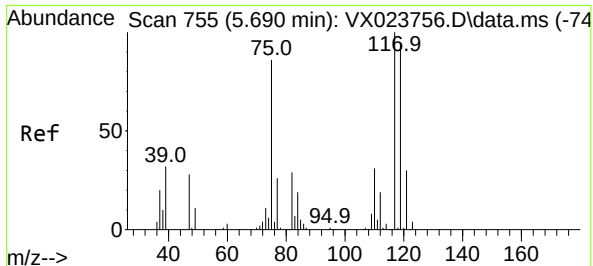
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

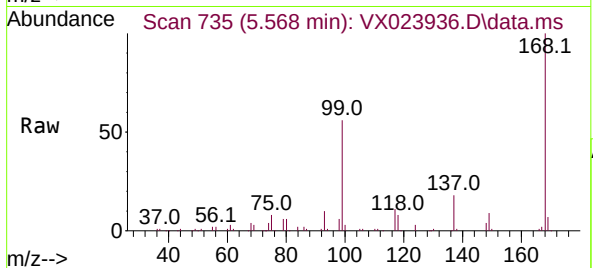
77 0.0 25.3 37.9#



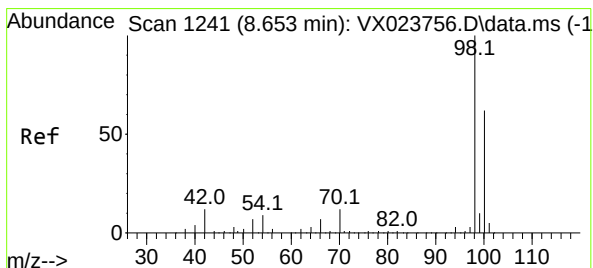
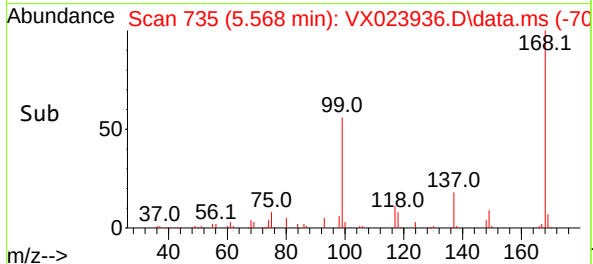
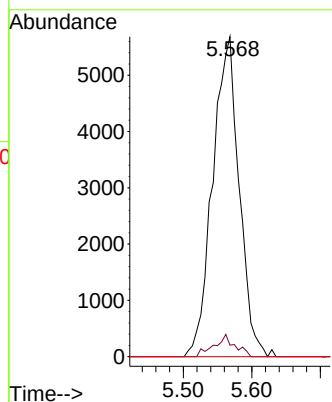


#38
Carbon Tetrachloride
Concen: 6.286 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Instrument :
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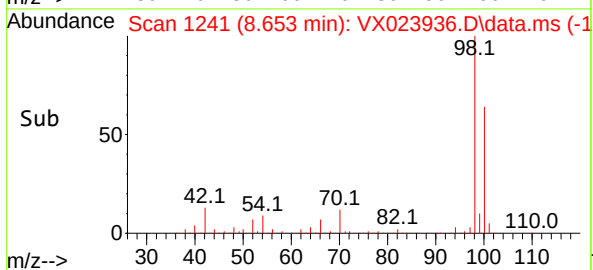
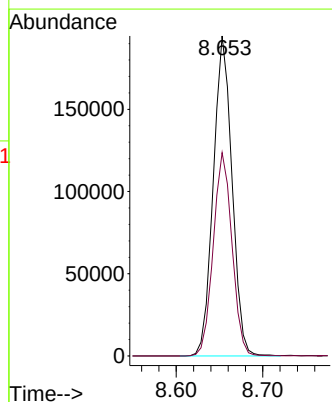
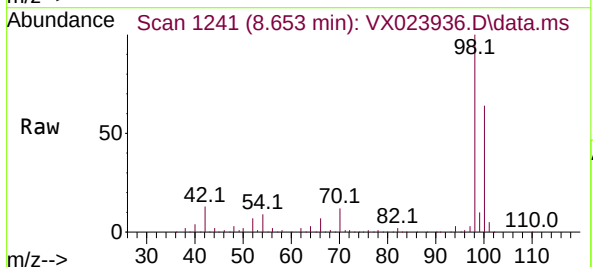


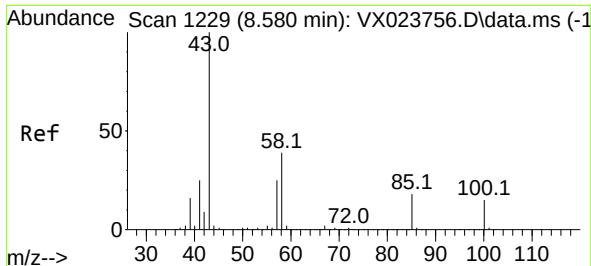
Tgt Ion:117 Resp: 15292
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.112 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Tgt Ion: 98 Resp: 292624
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

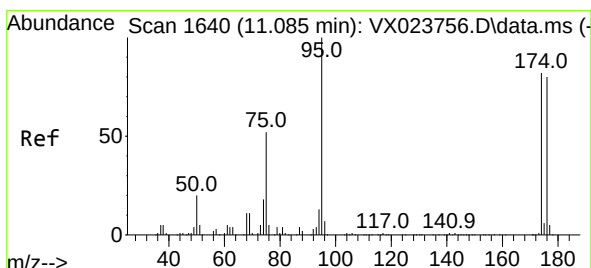
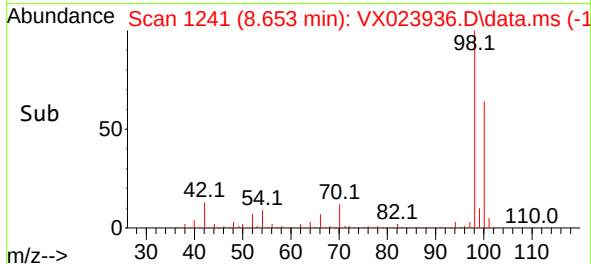
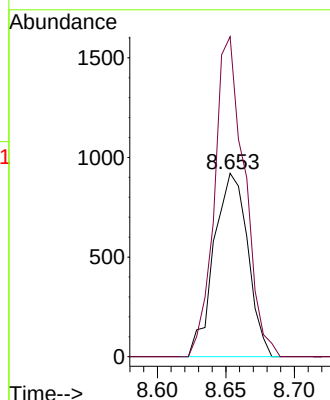
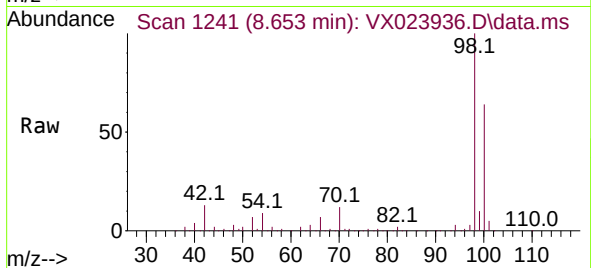




#51
4-Methyl-2-Pentanone
Concen: 0.545 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

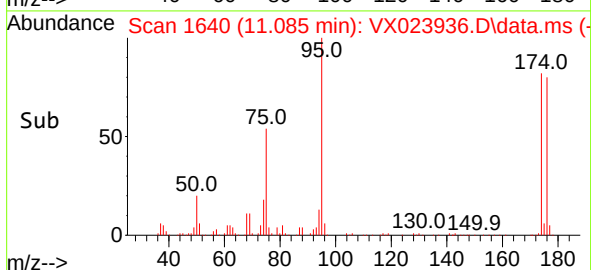
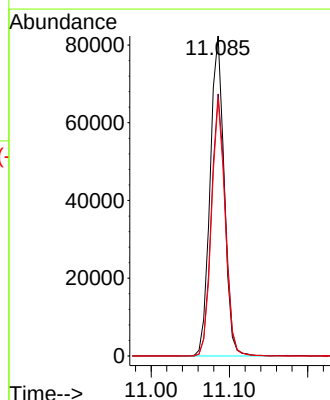
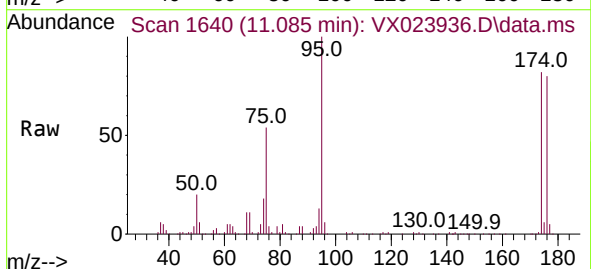
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082021

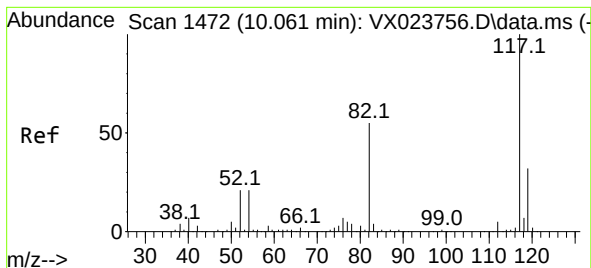
Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 155.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.748 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Tgt Ion: 95 Resp: 102198
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 78.0 0.0 155.8

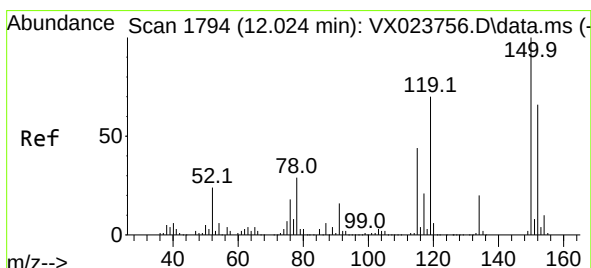
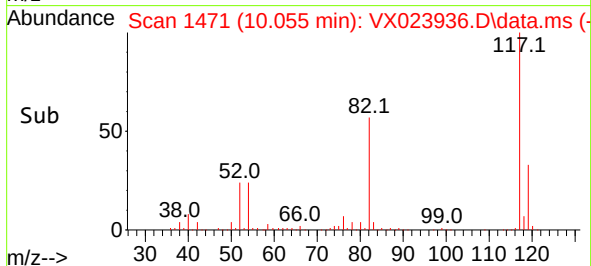
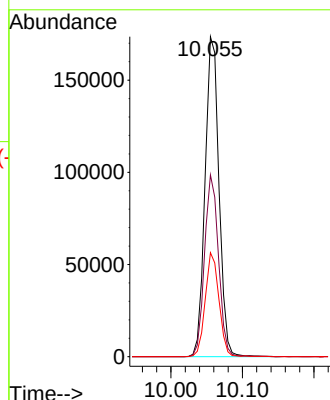
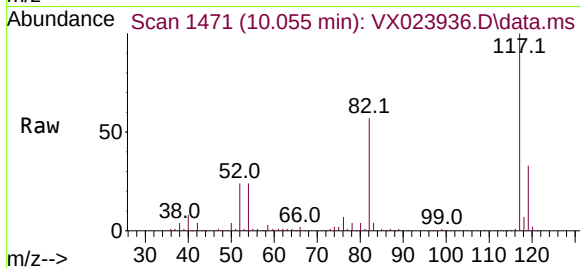




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

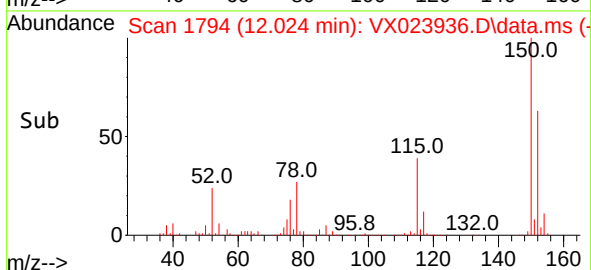
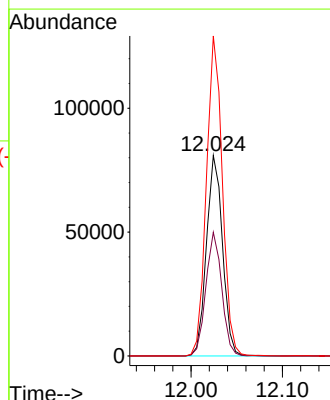
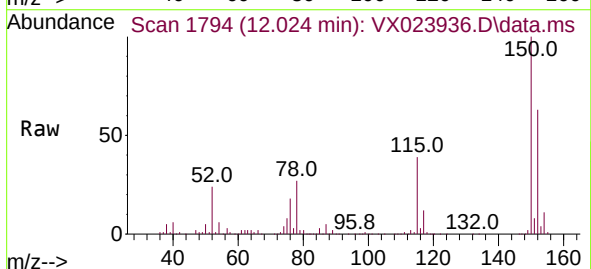
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082021

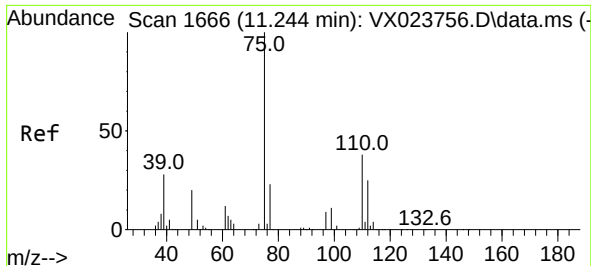
Tgt Ion:117 Resp: 235155
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Tgt Ion:152 Resp: 98576
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 158.0 0.0 349.0

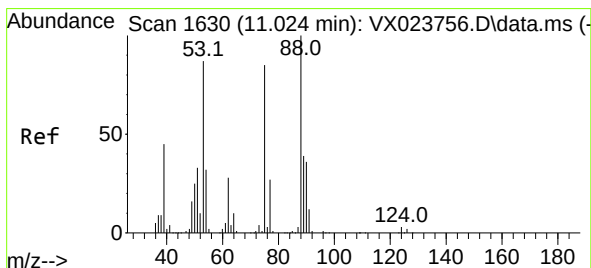
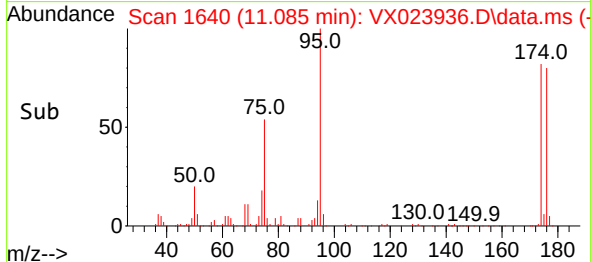
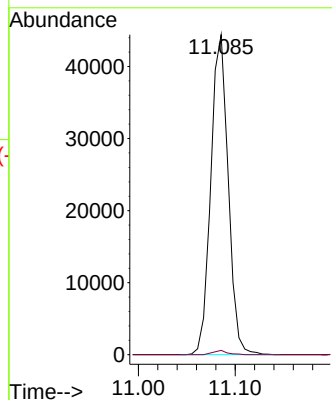
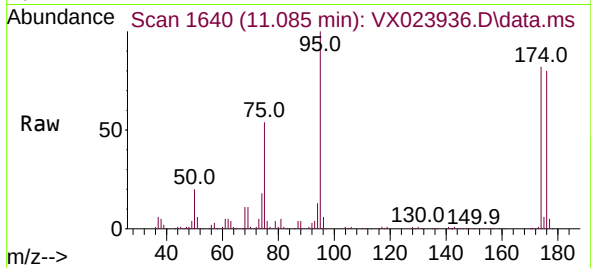




#76
1,2,3-Trichloropropane
Concen: 24.166 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

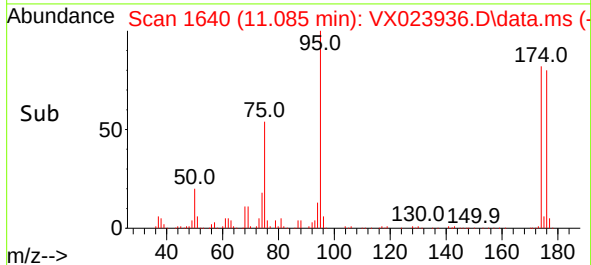
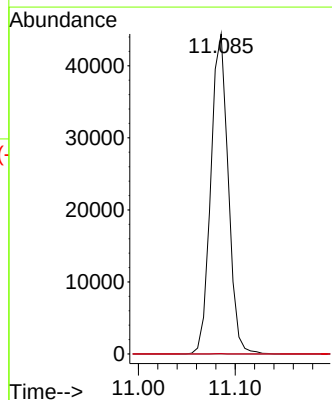
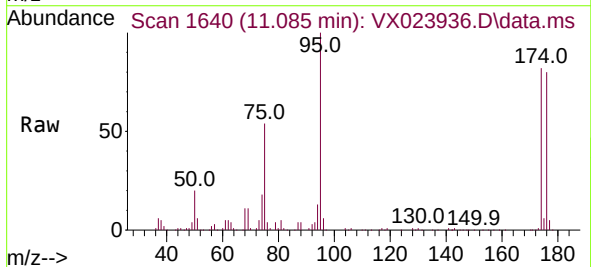
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082021

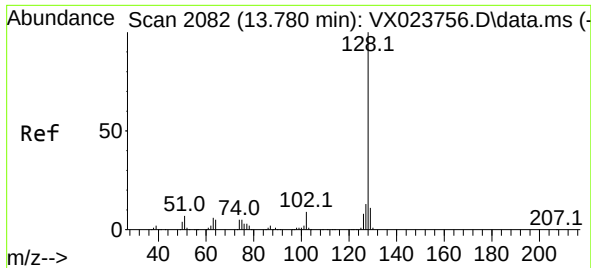
Tgt Ion: 75 Resp: 55571
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.086 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Tgt Ion: 75 Resp: 55571
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.309 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023936.D
Acq: 25 Aug 2021 14:20

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082021

Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

