

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023966.D
 Acq On : 26 Aug 2021 15:32
 Operator : JC/MD
 Sample : M3535-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WVLY-FB-082321

Quant Time: Aug 27 05:57:09 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)

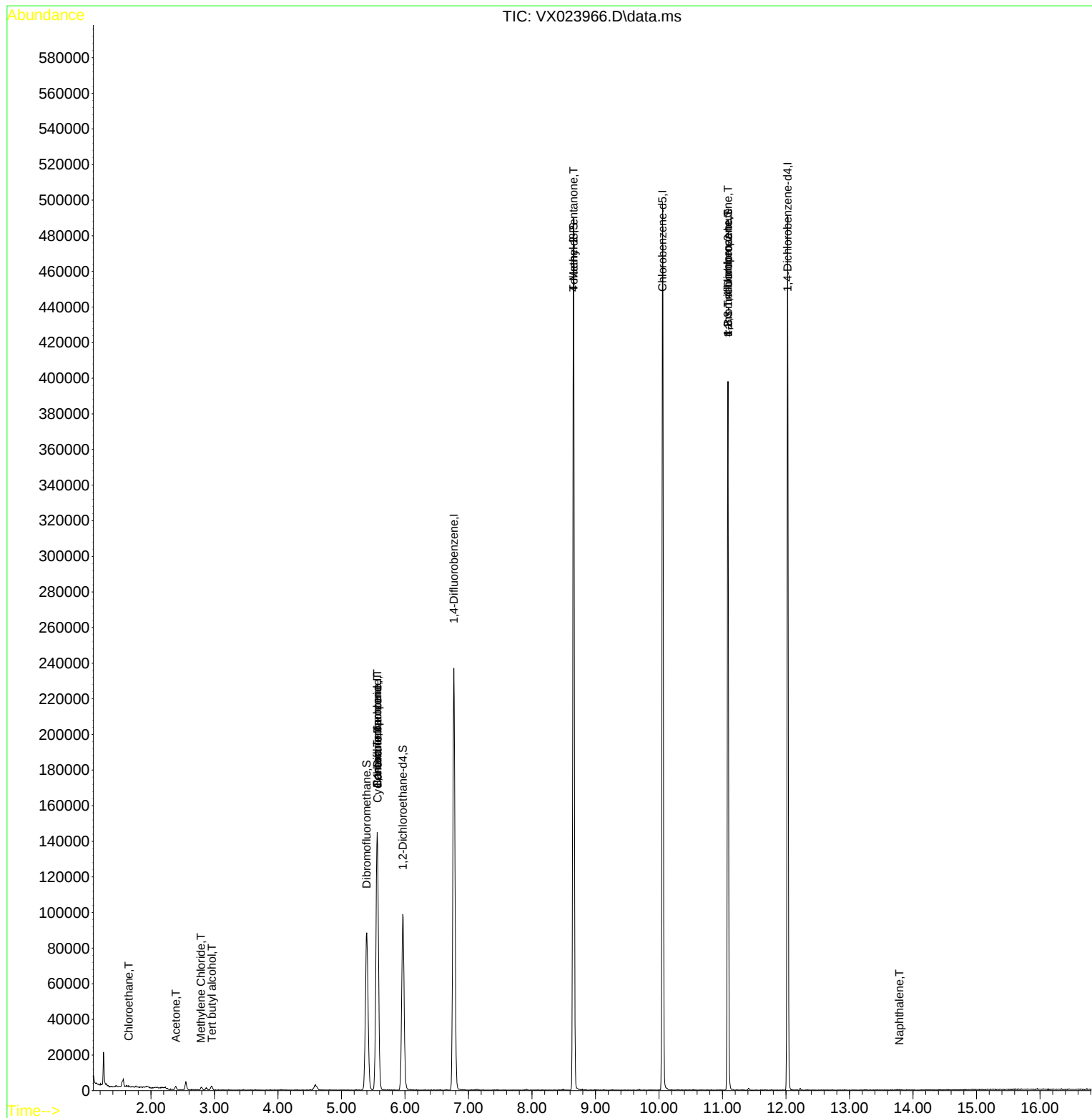
Internal Standards						
1) Pentafluorobenzene	5.562	168	135037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98131	52.067	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.140%			
35) Dibromofluoromethane	5.398	113	76041	49.889	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	8.653	98	277919	47.907	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.820%			
62) 4-Bromofluorobenzene	11.086	95	99219	46.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.920%			
Target Compounds						Qvalue
6) Chloroethane	1.648	64	237	2.395	ug/l #	43
11) Tert butyl alcohol	2.959	59	1439	3.775	ug/l #	73
16) Acetone	2.392	43	1928	2.288	ug/l	94
20) Methylene Chloride	2.788	84	777	0.483	ug/l	86
31) Cyclohexane	5.568	56	3039	1.255	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	10508	4.927	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13584	6.108	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1426	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	11.086	75	54983	25.278	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	54983	74.358	ug/l #	12
95) Naphthalene	13.786	128	64	1.292	ug/l #	69

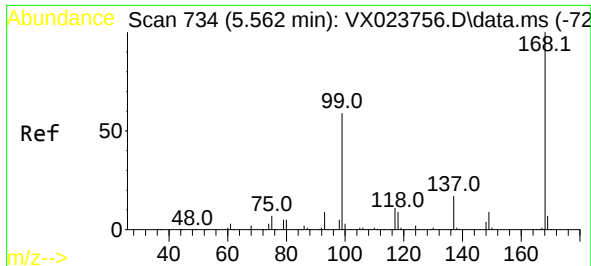
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 27 05:57:09 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

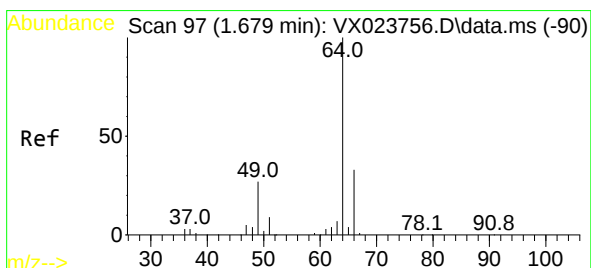
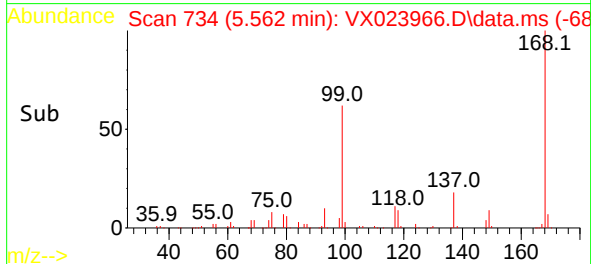
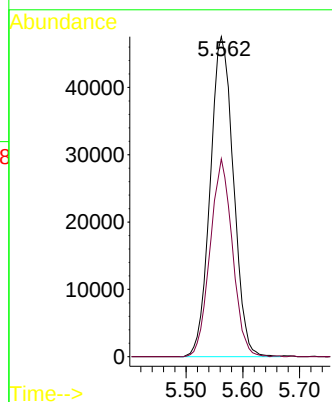
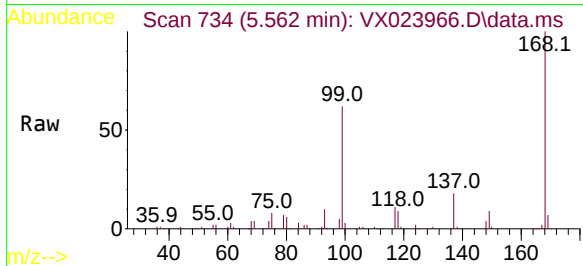




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

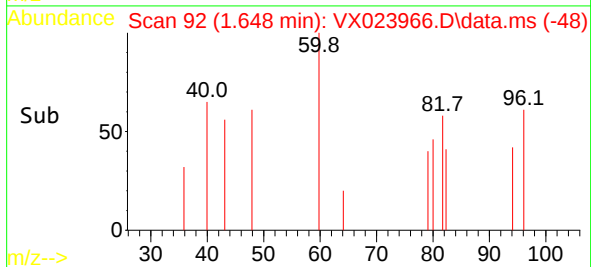
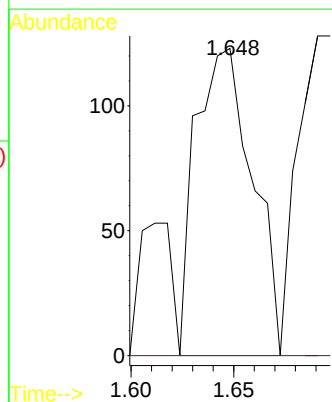
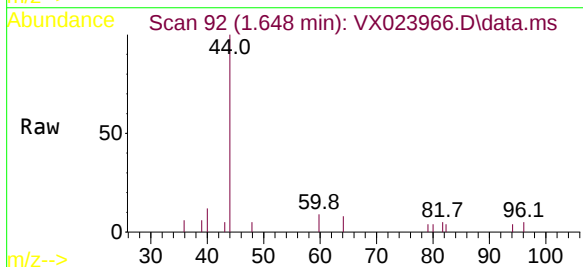
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082321

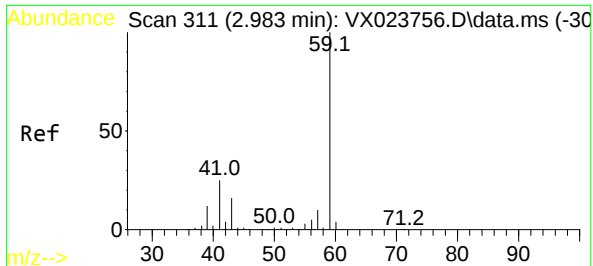
Tgt Ion:168 Resp: 135037
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#6
Chloroethane
Concen: 2.395 ug/l
RT: 1.648 min Scan# 92
Delta R.T. -0.031 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



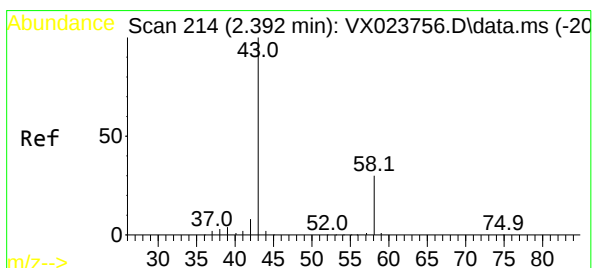
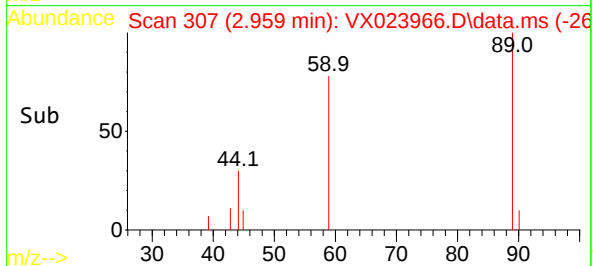
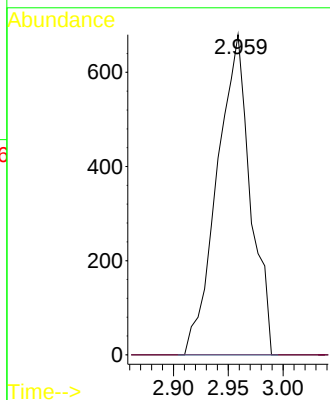
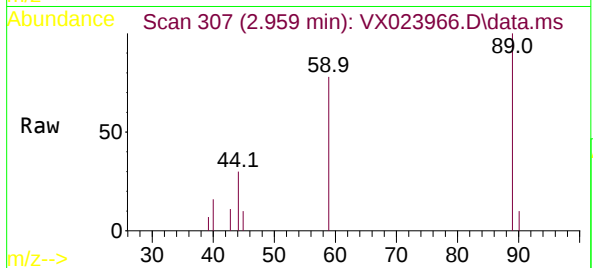


#11

Tert butyl alcohol
Concen: 3.775 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082321

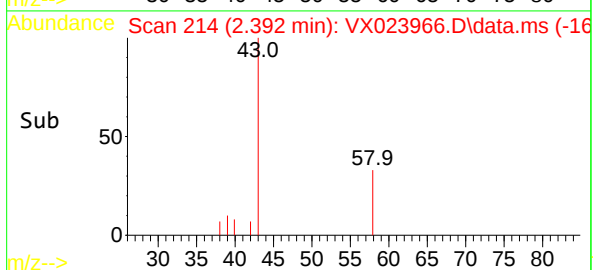
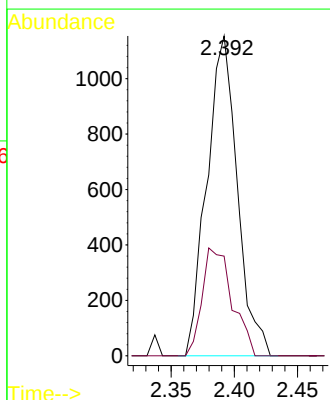
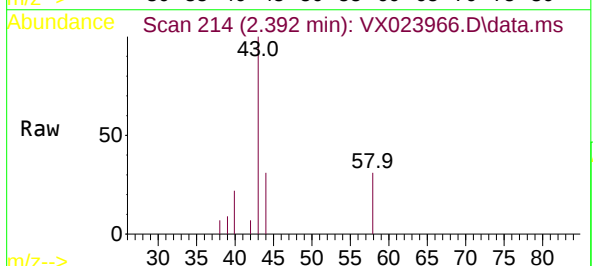
Tgt Ion: 59 Resp: 1439
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

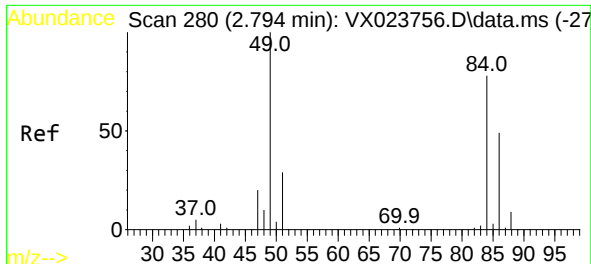


#16

Acetone
Concen: 2.288 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8





#20

Methylene Chloride

Concen: 0.483 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023966.D

Acq: 26 Aug 2021 15:32

Tgt Ion: 84 Resp: 777

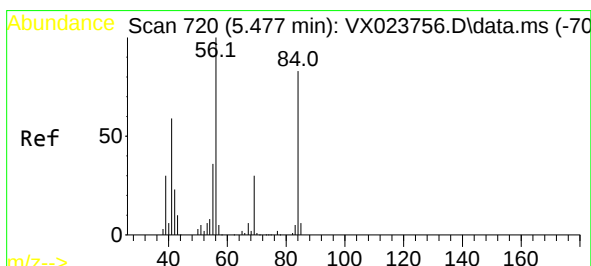
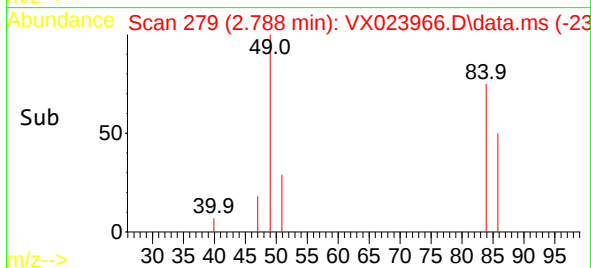
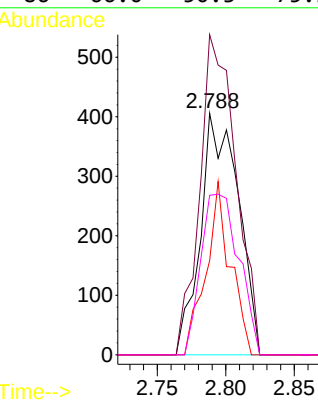
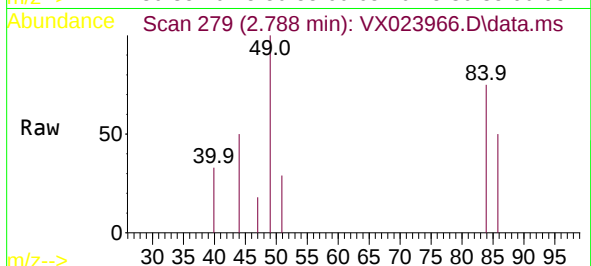
Ion Ratio Lower Upper

84 100

49 132.5 88.6 132.8

51 38.9 27.0 40.6

86 66.0 50.3 75.5



#31

Cyclohexane

Concen: 1.255 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX023966.D

Acq: 26 Aug 2021 15:32

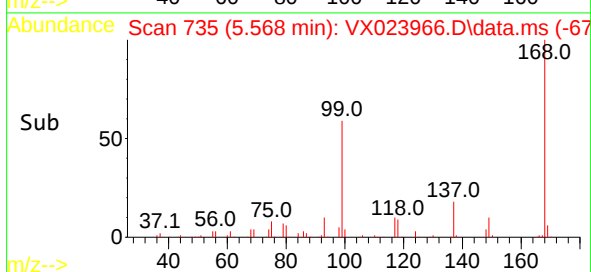
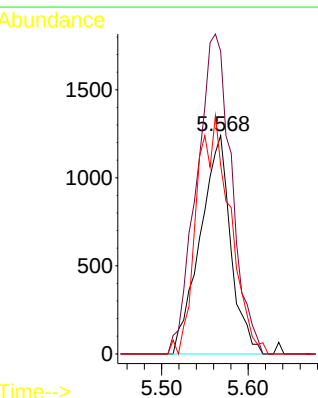
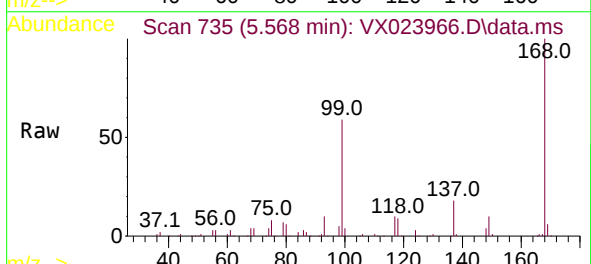
Tgt Ion: 56 Resp: 3039

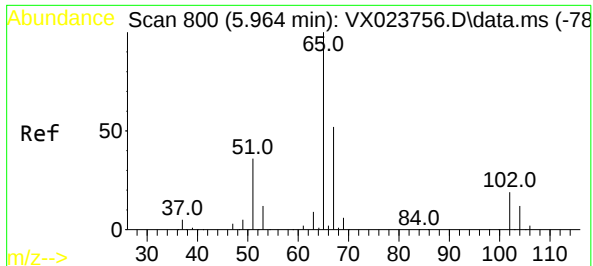
Ion Ratio Lower Upper

56 100

69 138.5 25.3 37.9#

84 86.4 71.4 107.0



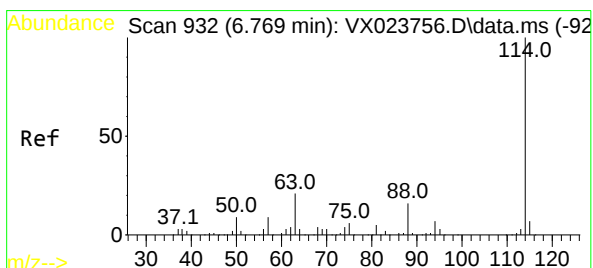
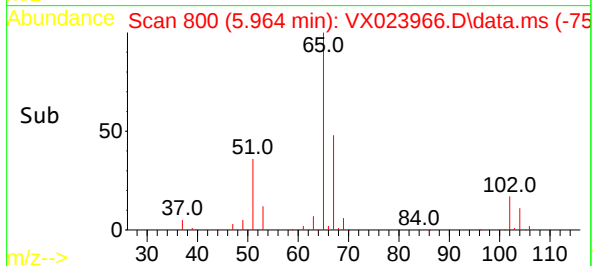
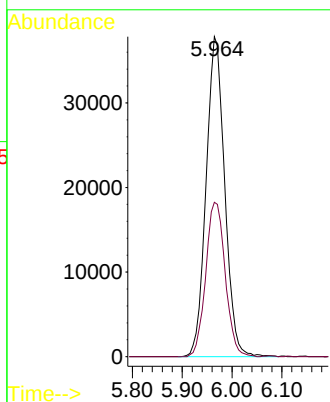
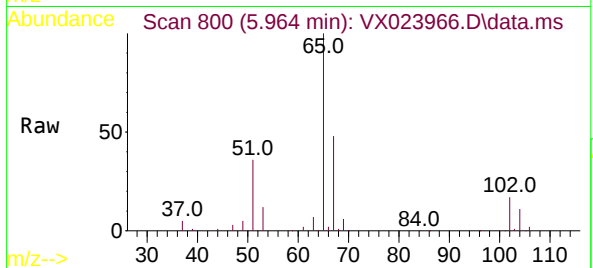


#33

1,2-Dichloroethane-d4
Concen: 52.067 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Instrument :
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ClientSampleId :
WVLY-FB-082321

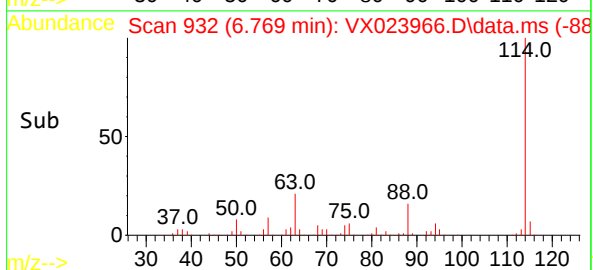
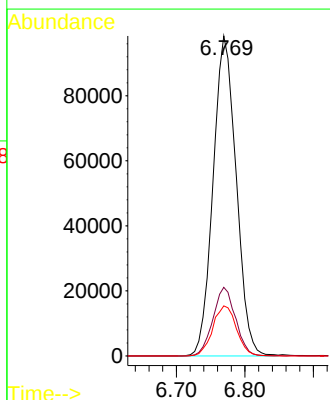
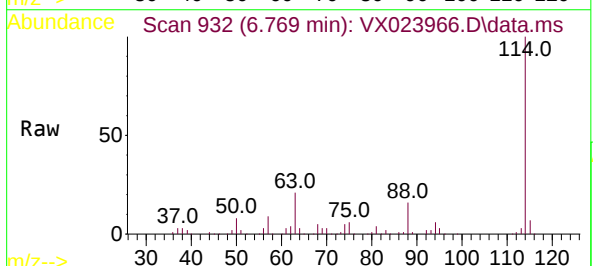
Tgt Ion: 65 Resp: 98131
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

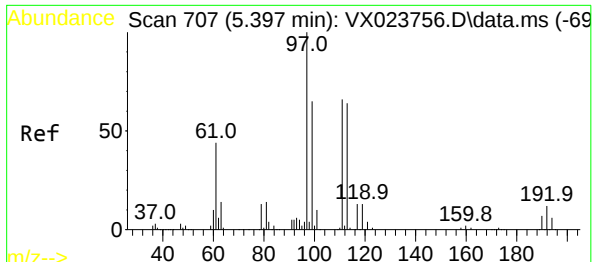


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Tgt Ion: 114 Resp: 230288
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 15.7 0.0 32.8

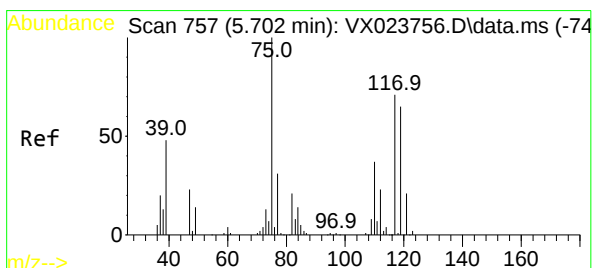
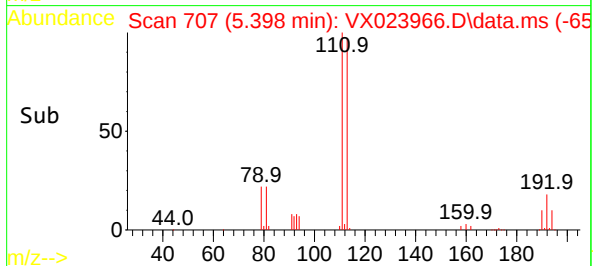
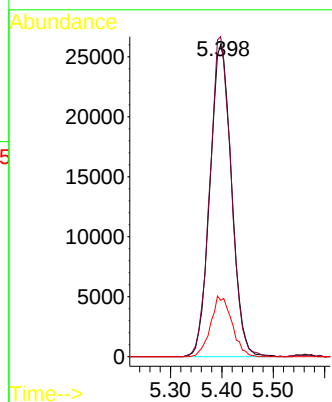
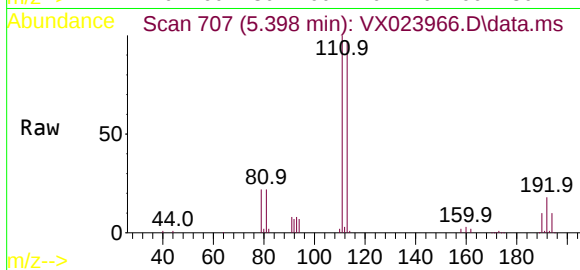




#35
Dibromofluoromethane
Concen: 49.889 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

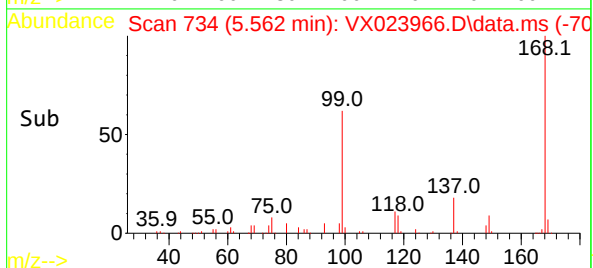
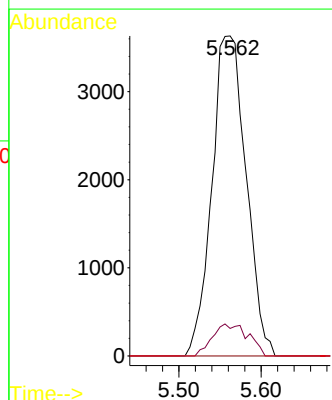
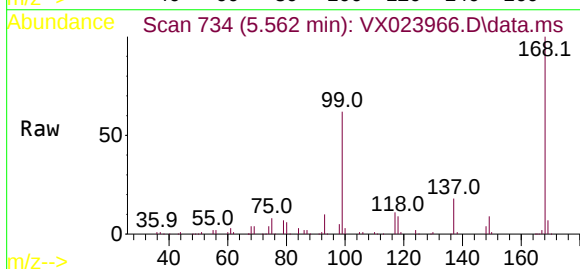
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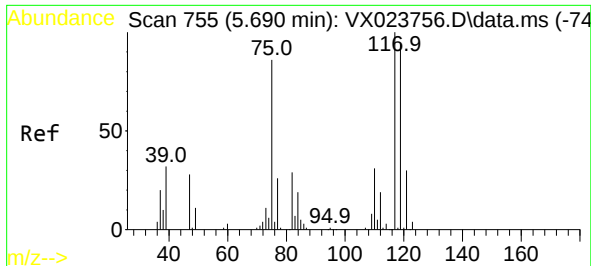
Tgt Ion:113 Resp: 76041
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

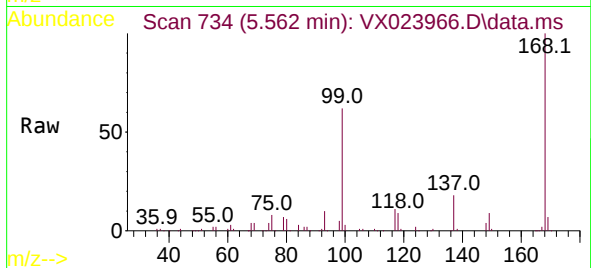
Tgt Ion: 75 Resp: 10508
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



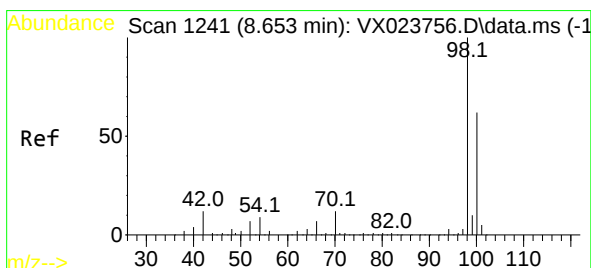
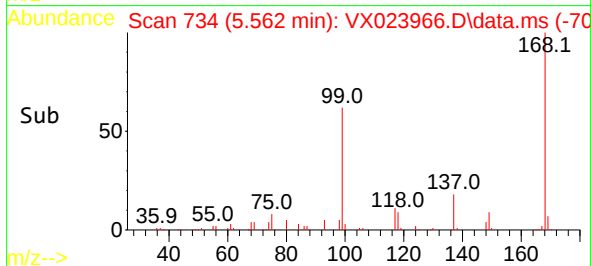
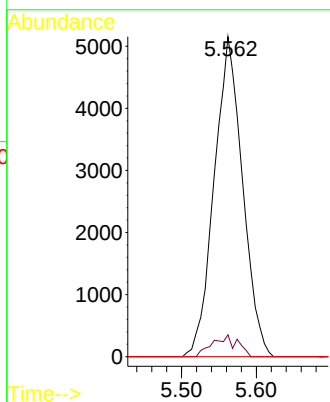


#38
Carbon Tetrachloride
Concen: 6.108 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082321

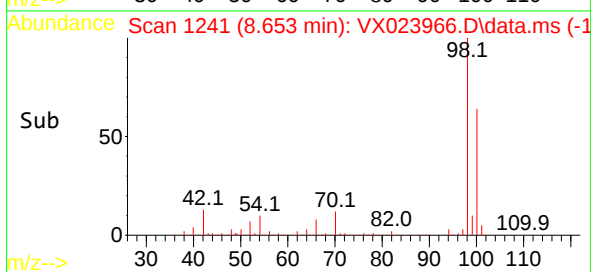
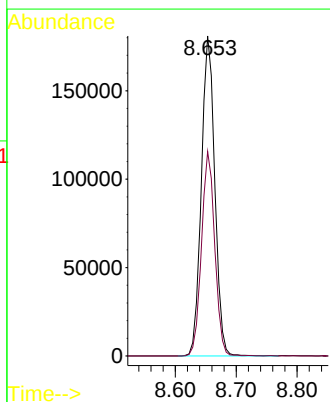
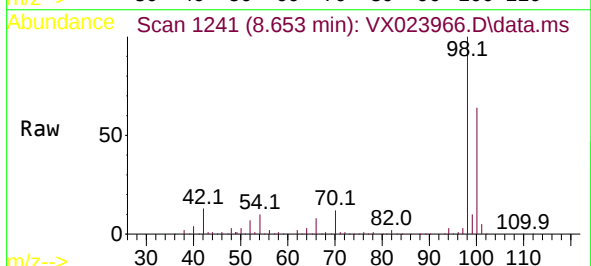


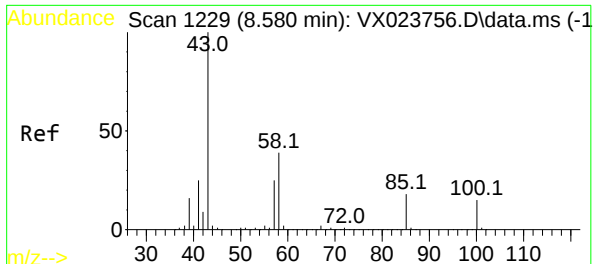
Tgt Ion:117 Resp: 13584
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.907 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Tgt Ion: 98 Resp: 277919
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9

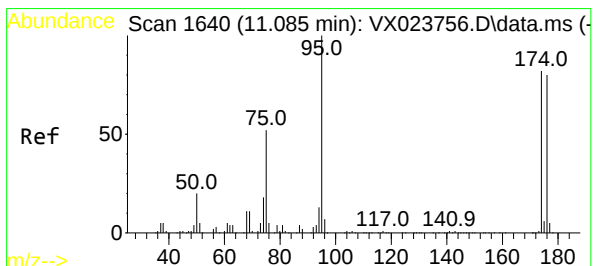
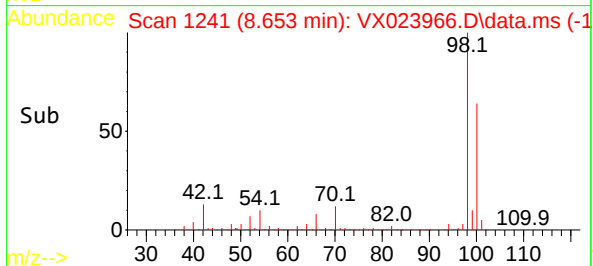
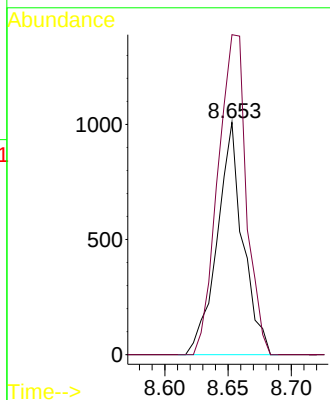
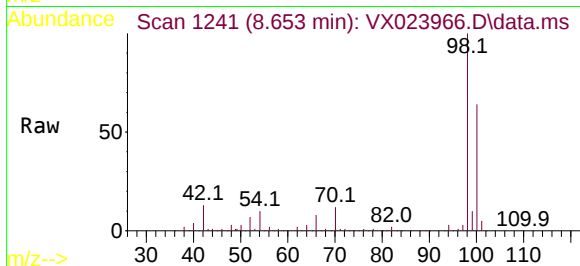




#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

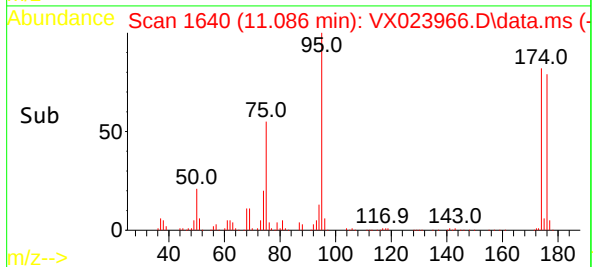
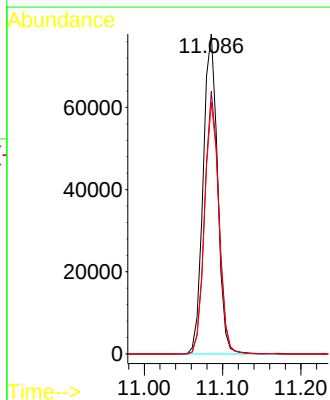
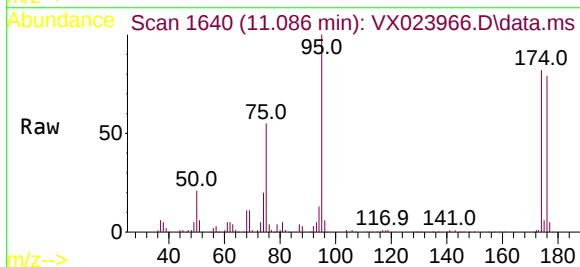
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082321

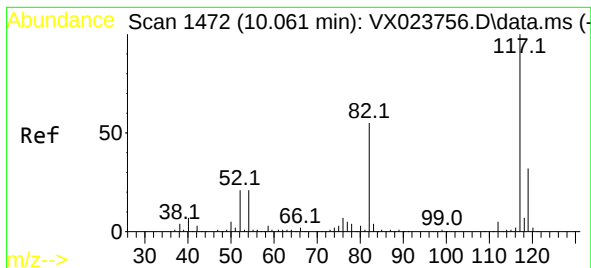
Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
58 152.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.460 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Tgt Ion: 95 Resp: 99219
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 78.1 0.0 155.8

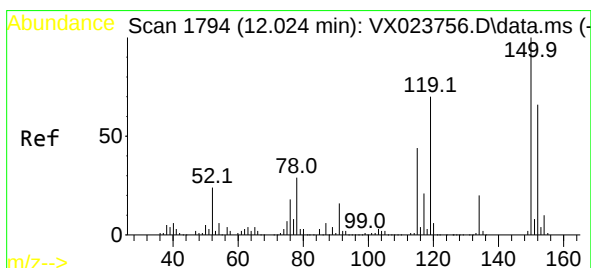
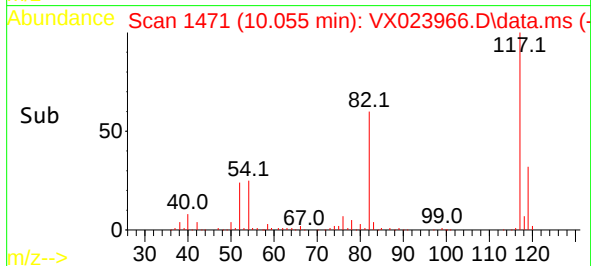
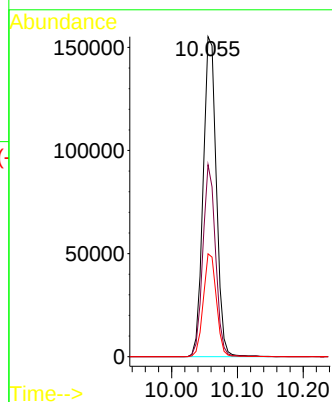
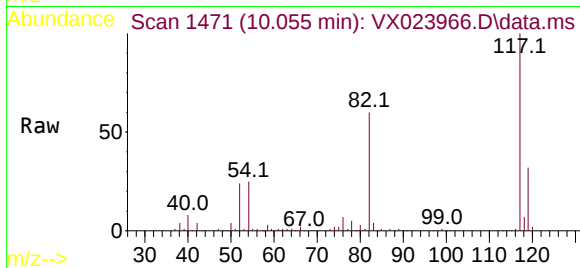




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

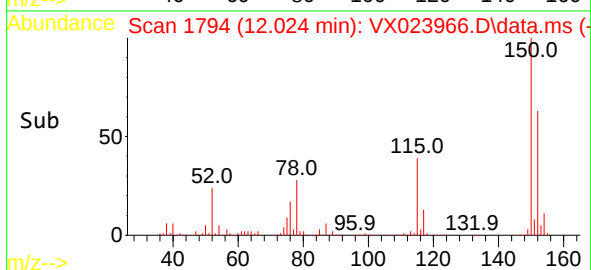
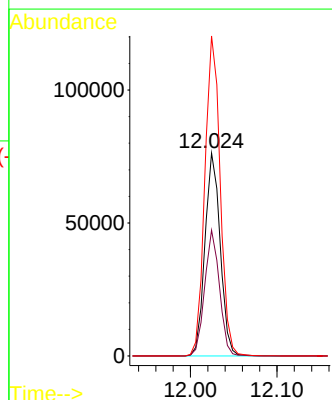
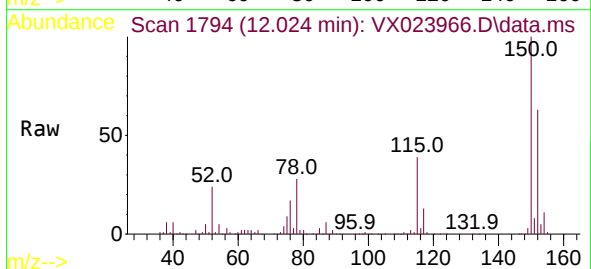
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082321

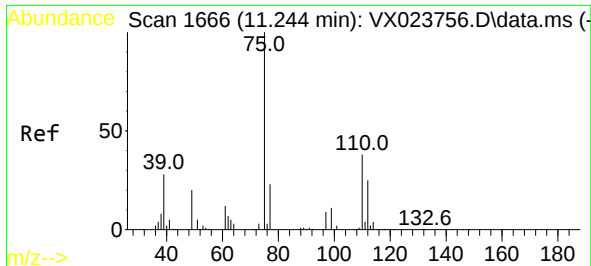
Tgt Ion:117 Resp: 216451
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Tgt Ion:152 Resp: 93242
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 158.2 0.0 349.0

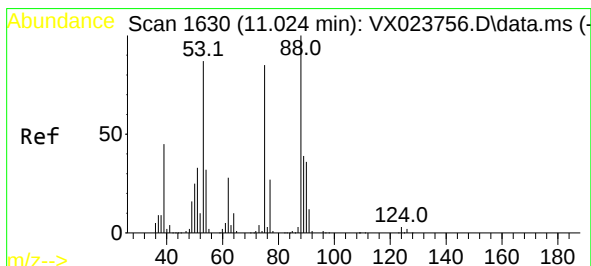
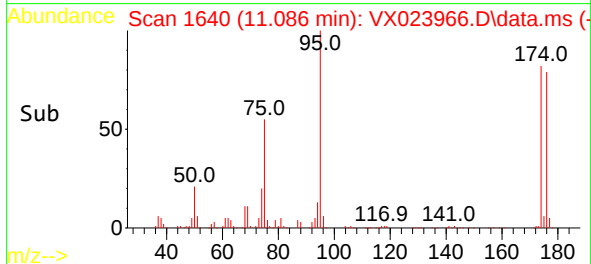
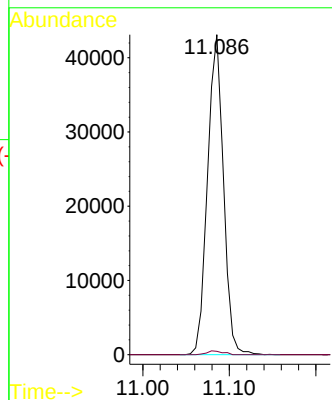
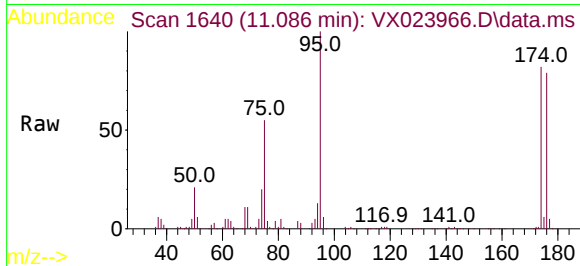




#76
1,2,3-Trichloropropane
Concen: 25.278 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

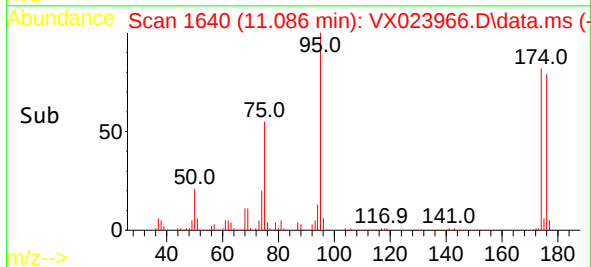
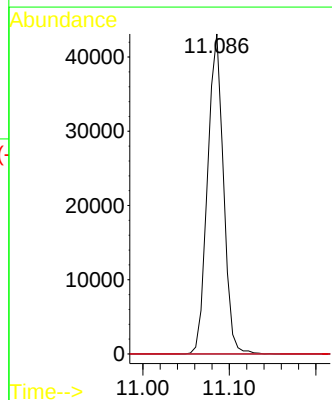
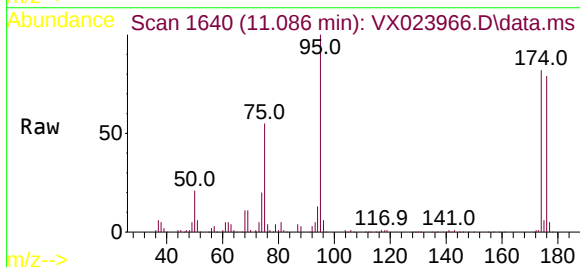
Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082321

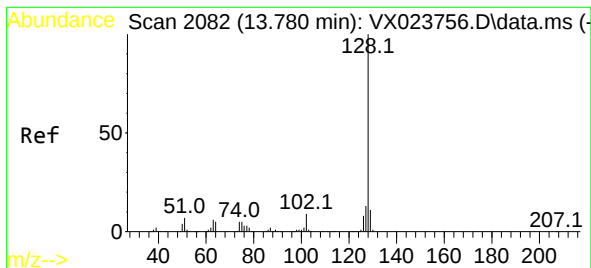
Tgt Ion: 75 Resp: 54983
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.358 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

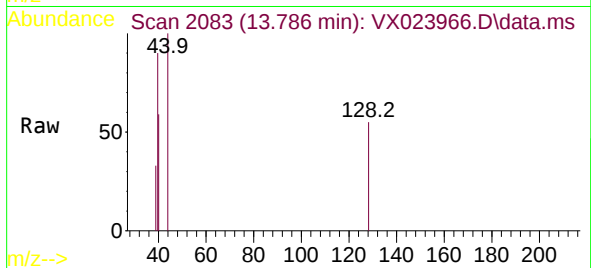
Tgt Ion: 75 Resp: 54983
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.292 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023966.D
Acq: 26 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :
WVLY-FB-082321



Tgt Ion:128 Resp: 64
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

