

Data File : VW004863.D
Acq On : 22 Aug 2018 02:45
Operator : SY/AP
Sample : J4275-09
Misc : 5.71G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-A

Quant Time: Aug 22 07:50:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	629606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1032006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	859110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	320252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	349705	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	
35) Dibromofluoromethane	7.89	113	348699	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	10.33	98	1194427	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
62) 4-Bromofluorobenzene	12.63	95	343525	37.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.18%	

Target Compounds

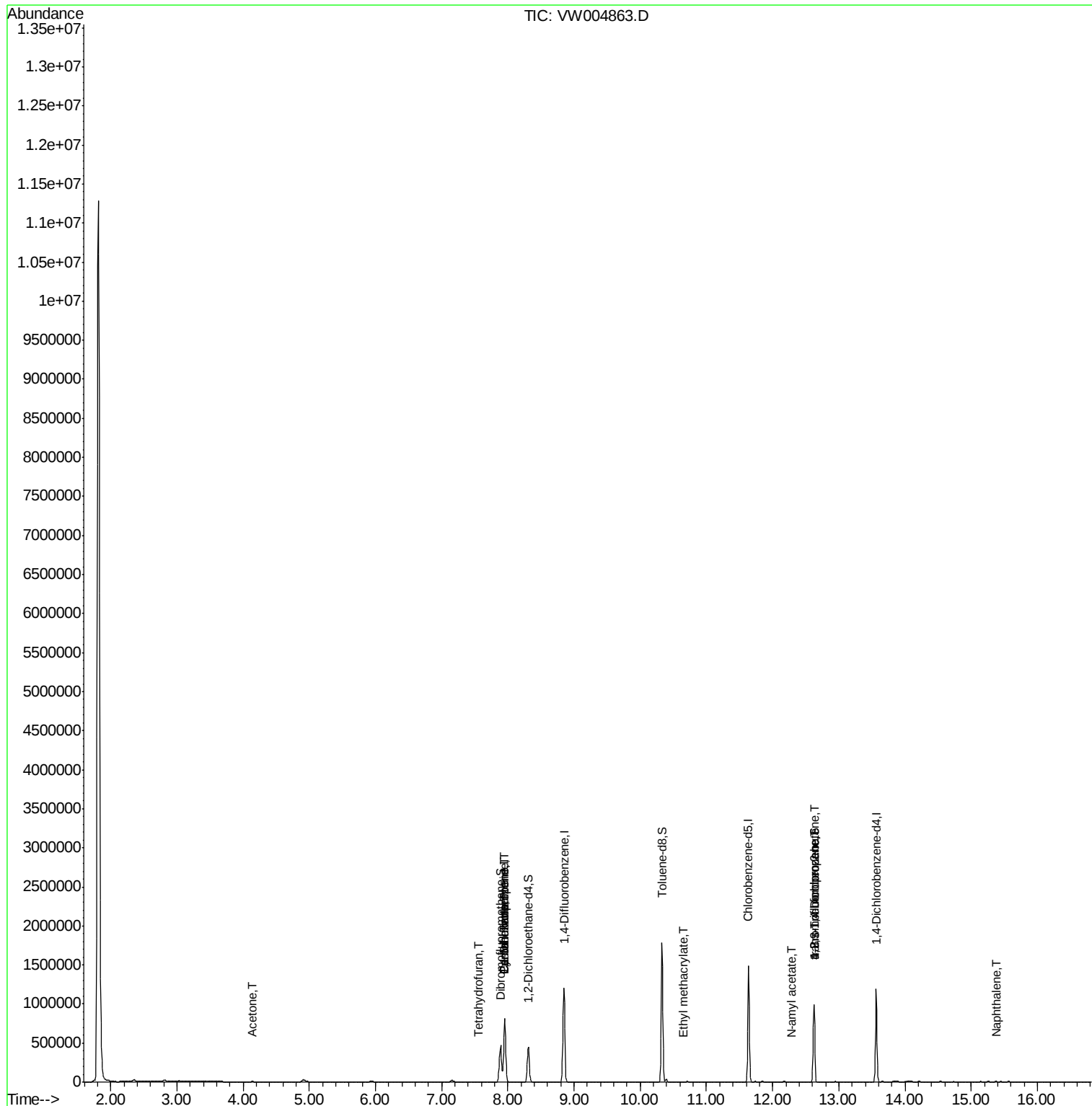
					Qvalue	
16) Acetone	4.15	43	11995	7.719	ug/l	97
20) Methylene Chloride	4.92	84	25603	Below Cal		95
29) Tetrahydrofuran	7.54	42	1858	1.646	ug/l #	86
31) Cyclohexane	7.95	56	12272	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	45540	4.283	ug/l #	41
38) Carbon Tetrachloride	7.95	117	57956	5.922	ug/l #	16
56) Ethyl methacrylate	10.66	69	219	3.010	ug/l #	39
74) N-amyl acetate	12.28	43	152	4.046	ug/l #	63
76) 1,2,3-Trichloropropane	12.63	75	161251	57.118	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	161251	132.759	ug/l #	13
95) Naphthalene	15.38	128	2442	3.680	ug/l #	92

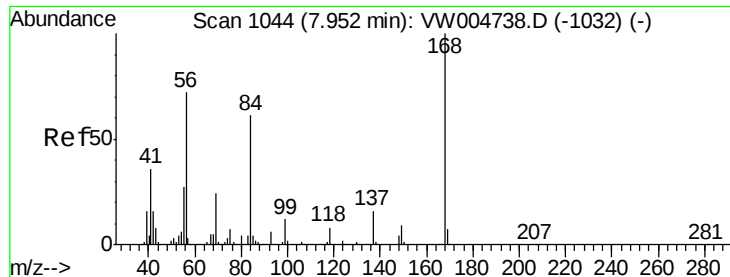
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004863.D

Acq: 22 Aug 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

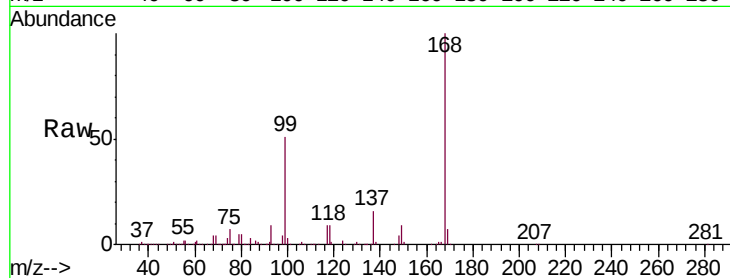
CL-01-082018-A

Tgt Ion:168 Resp: 629606

Ion Ratio Lower Upper

168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

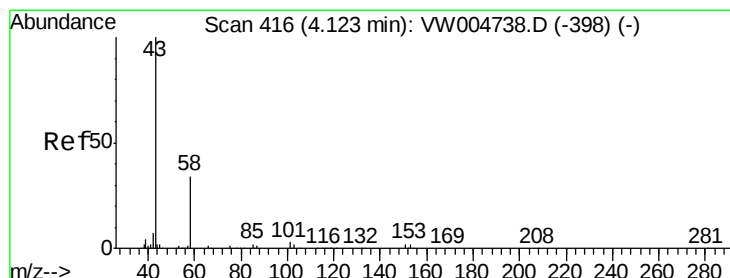
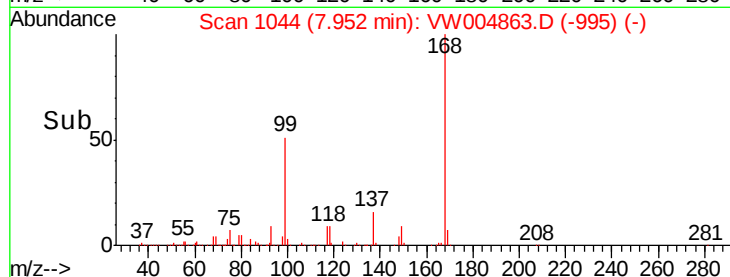
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.719 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004863.D

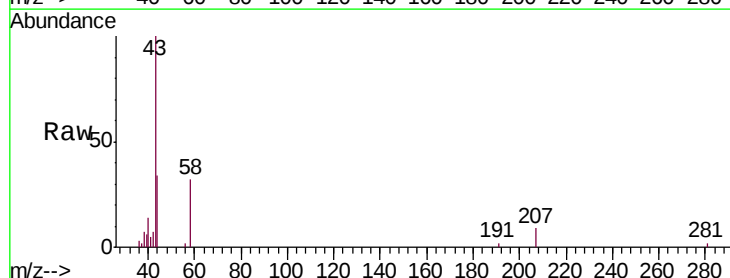
Acq: 22 Aug 2018 02:45

Tgt Ion: 43 Resp: 11995

Ion Ratio Lower Upper

43 100

58 32.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

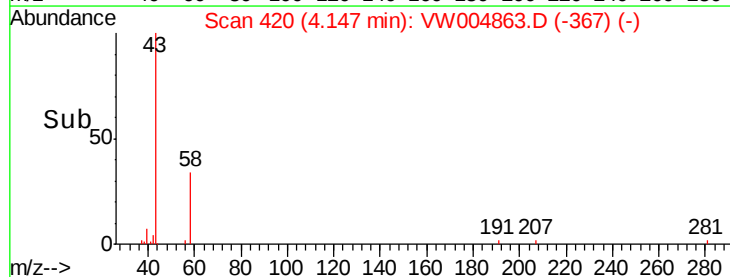
3000

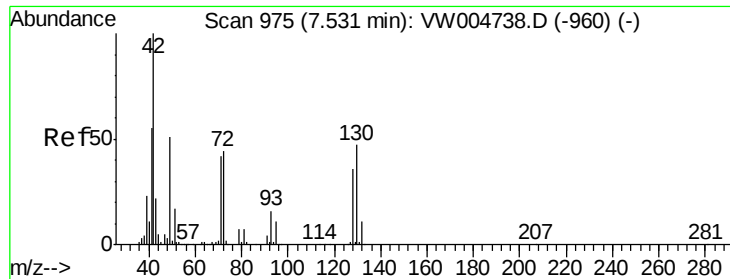
2000

1000

0

Time-->

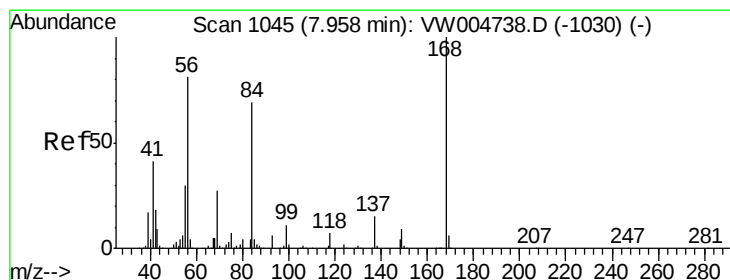
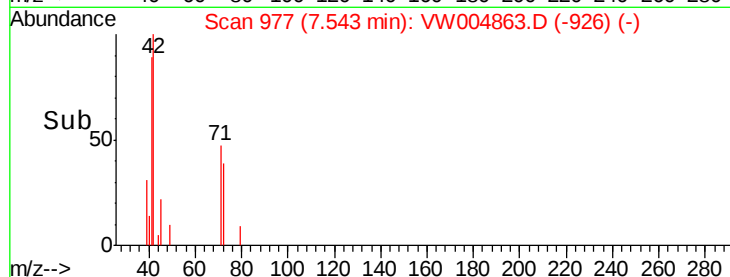
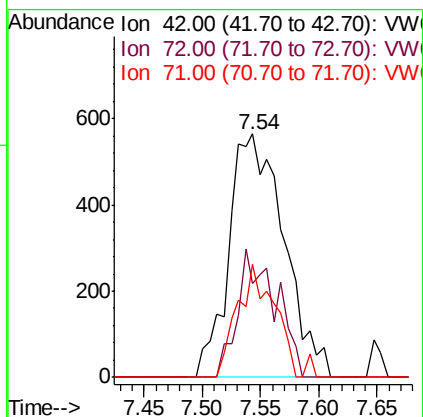
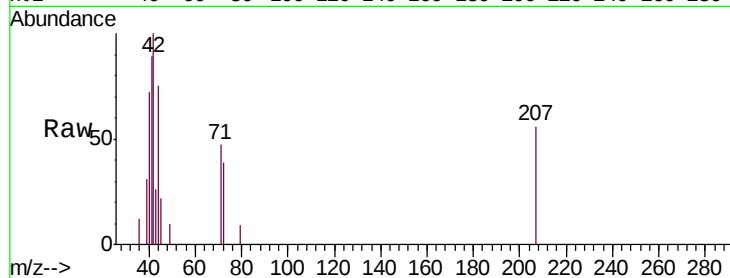




#29
Tetrahydrofuran
Concen: 1.646 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

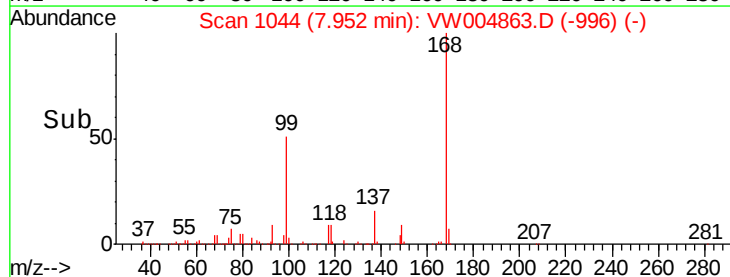
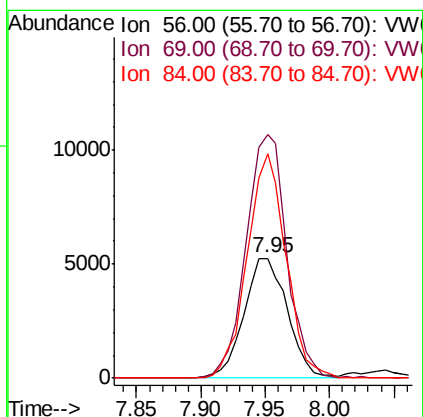
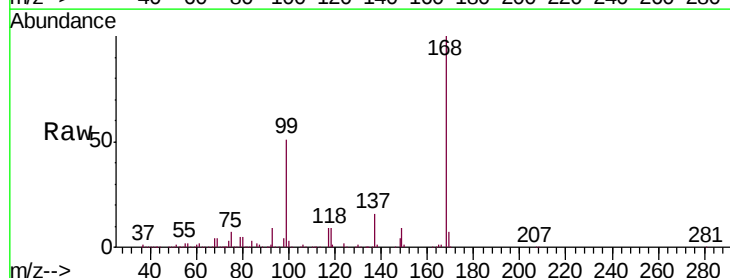
Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-A

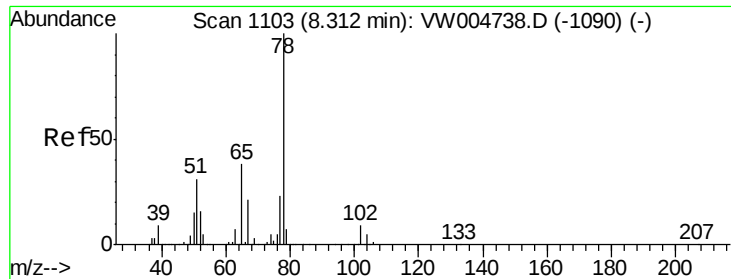
Tgt Ion: 42 Resp: 1858
Ion Ratio Lower Upper
42 100
72 36.3 34.9 52.3
71 31.2 33.8 50.6#



#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

Tgt Ion: 56 Resp: 12272
Ion Ratio Lower Upper
56 100
69 202.8 27.1 40.7#
84 187.5 68.3 102.5#

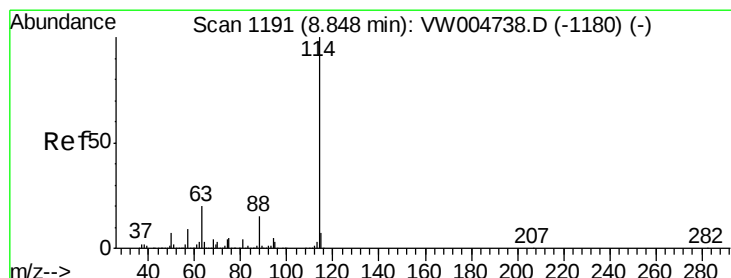
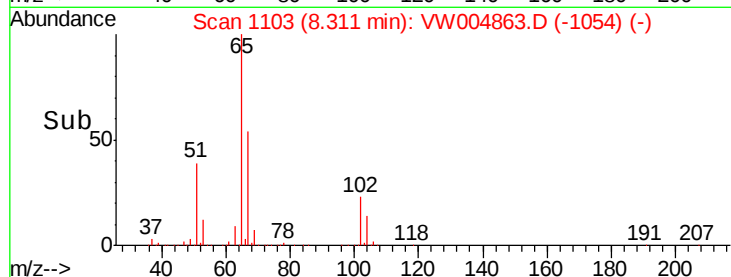
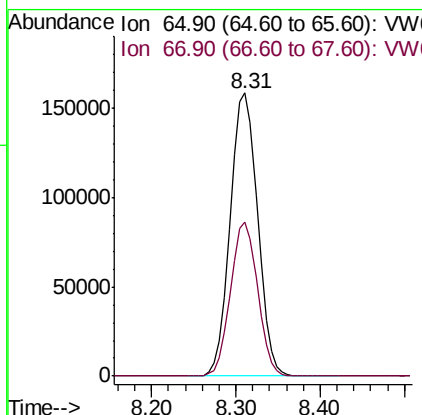
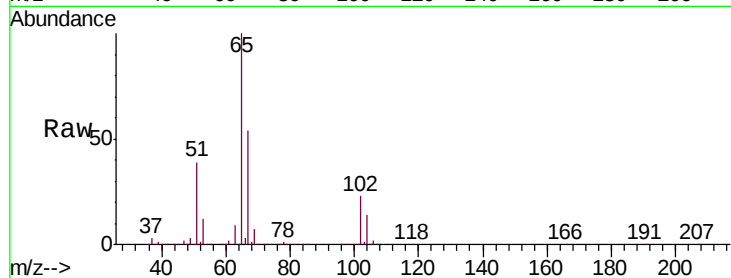




#33
 1,2-Dichloroethane-d4
 Concen: 57.451 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

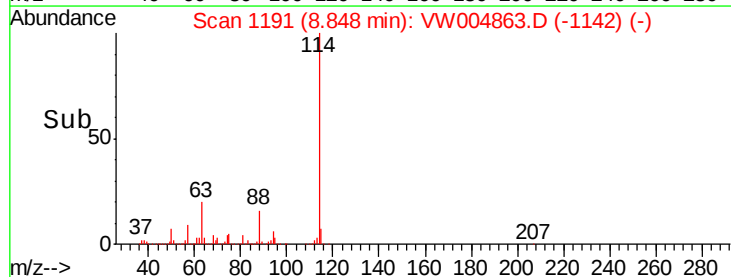
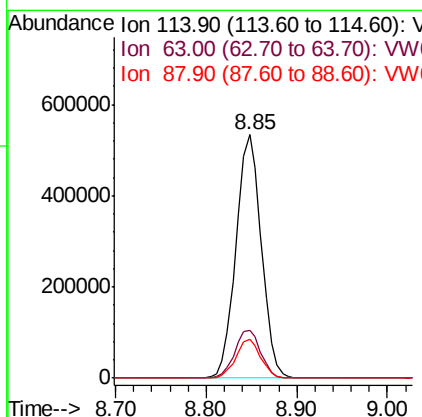
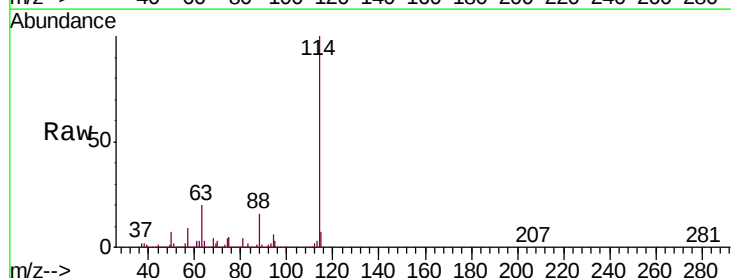
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-A

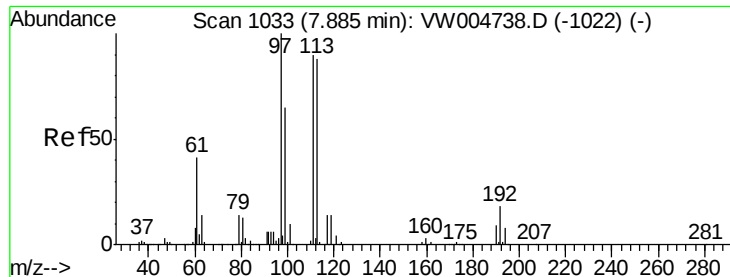
Tgt Ion: 65 Resp: 349705
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

Tgt Ion: 114 Resp: 1032006
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.8 0.0 30.0

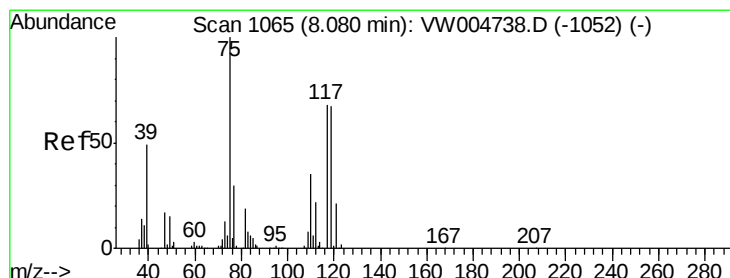
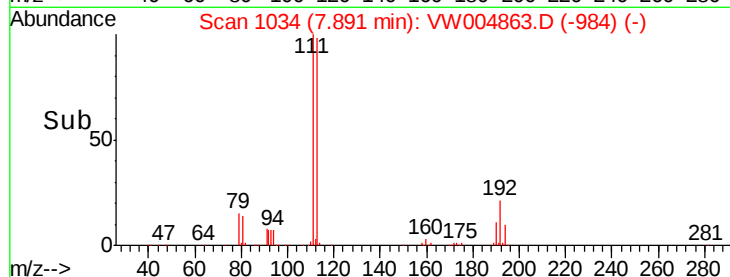
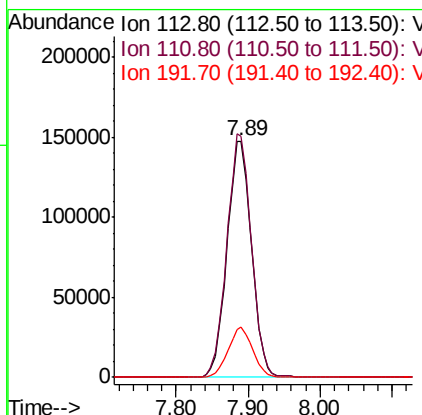
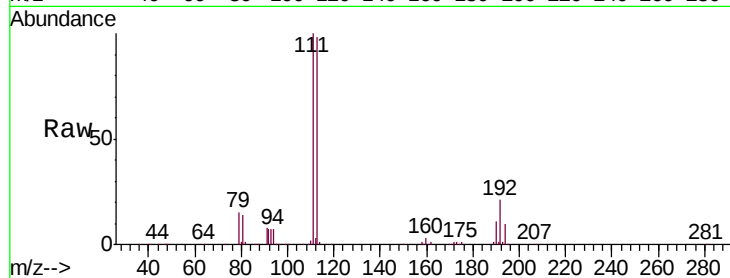




#35
 Dibromofluoromethane
 Concen: 52.866 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

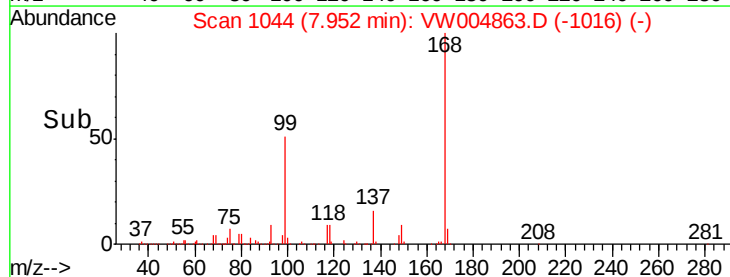
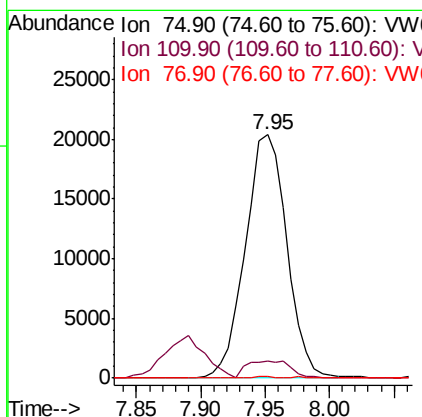
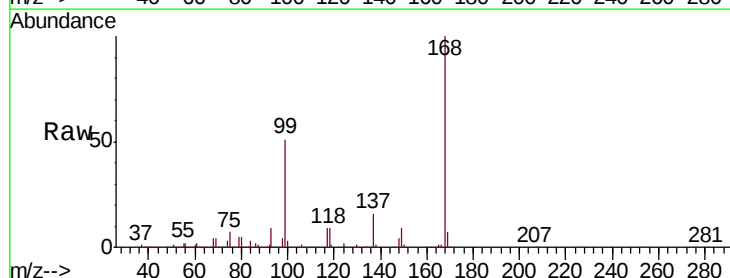
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-A

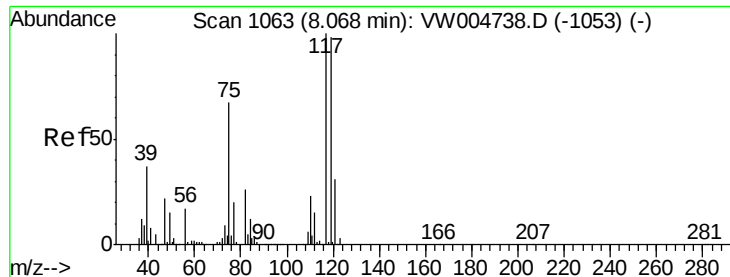
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.1	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.283 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004863.D
 Acq: 22 Aug 2018 02:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.8	53.5#
77	0.2	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.922 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004863.D

Acq: 22 Aug 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-A

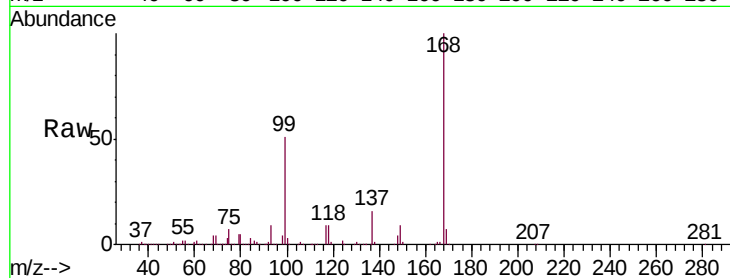
Tgt Ion:117 Resp: 57956

Ion Ratio Lower Upper

117 100

119 5.9 78.0 117.0#

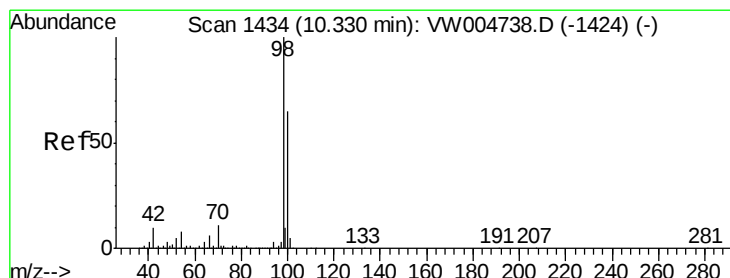
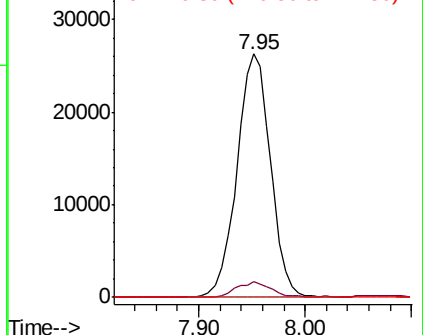
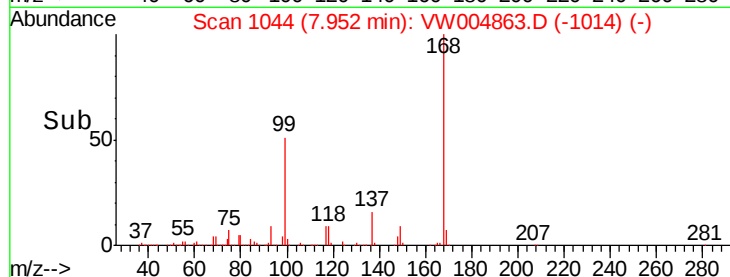
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 46.390 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004863.D

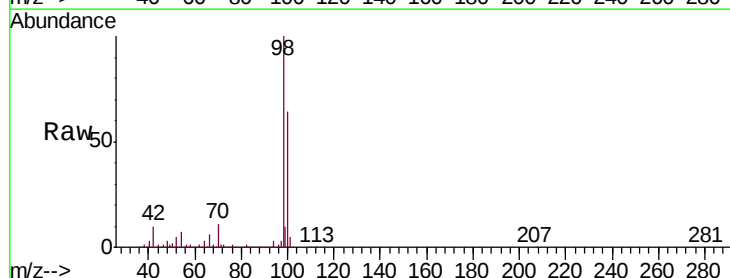
Acq: 22 Aug 2018 02:45

Tgt Ion: 98 Resp: 1194427

Ion Ratio Lower Upper

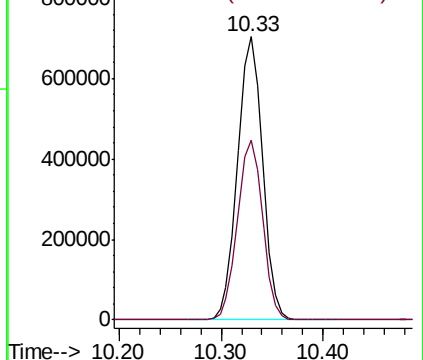
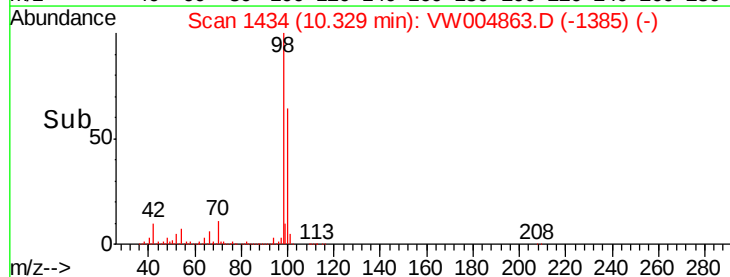
98 100

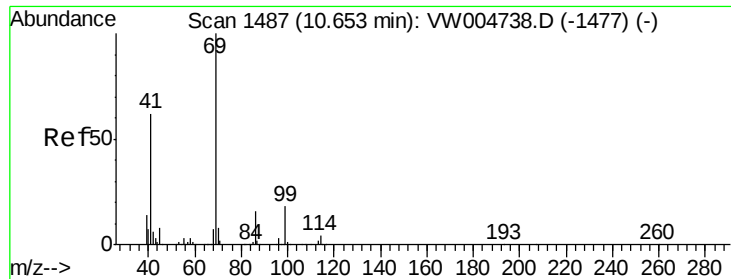
100 63.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.010 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004863.D

Acq: 22 Aug 2018 02:45

Instrument :

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ClientSampleId :

CL-01-082018-A

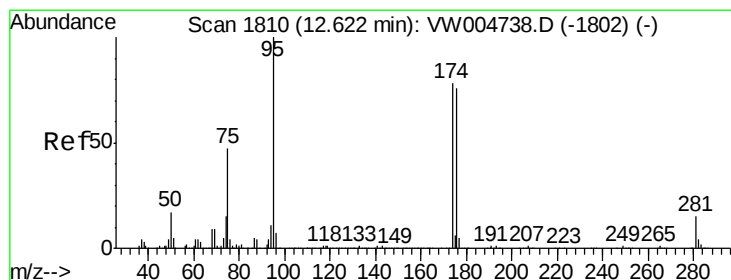
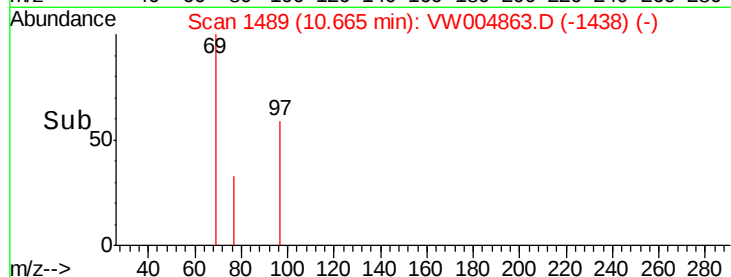
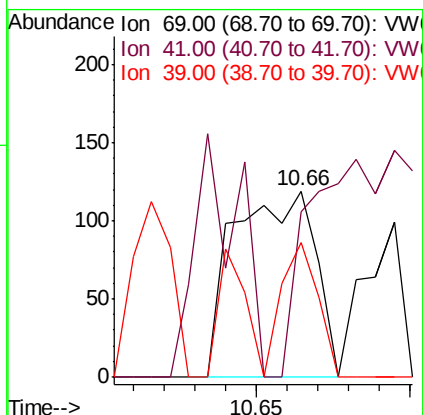
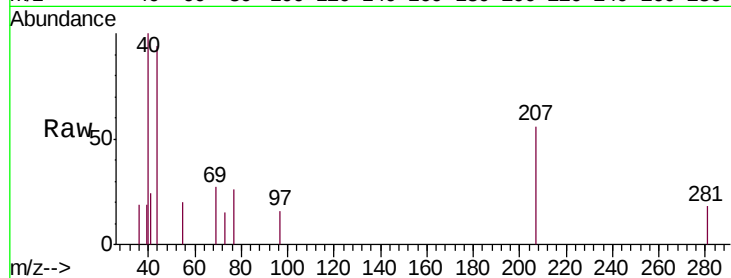
Tgt Ion: 69 Resp: 219

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

39 32.9 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 37.086 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004863.D

Acq: 22 Aug 2018 02:45

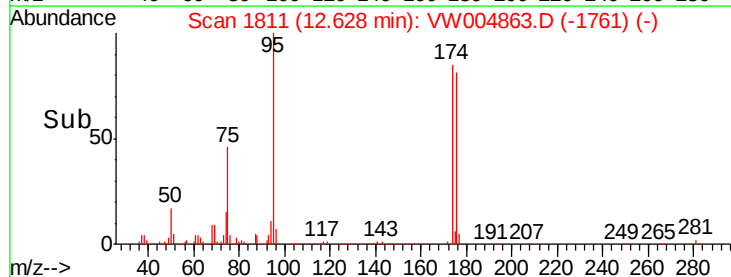
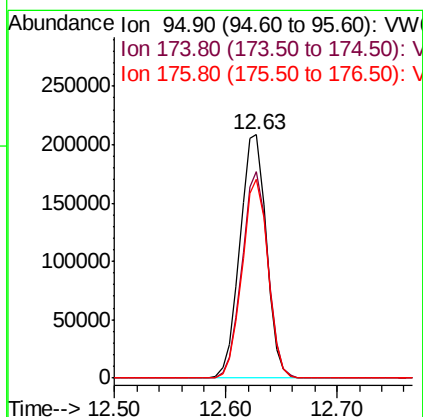
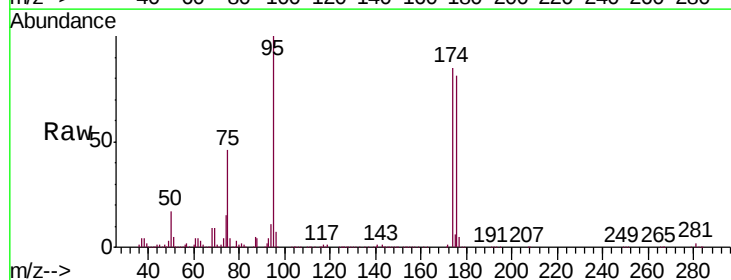
Tgt Ion: 95 Resp: 343525

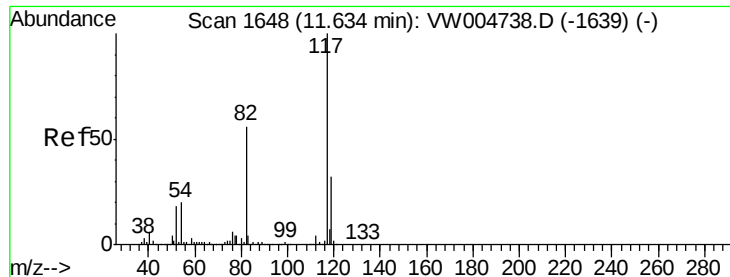
Ion Ratio Lower Upper

95 100

174 83.2 0.0 165.8

176 80.2 0.0 159.8

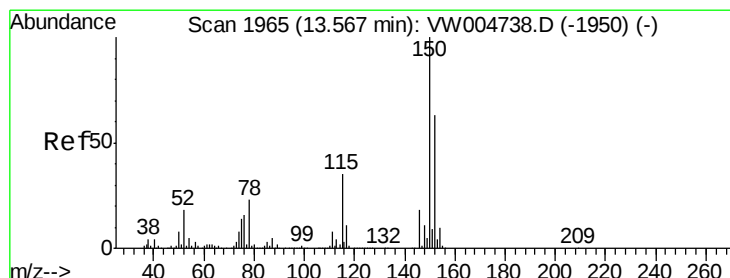
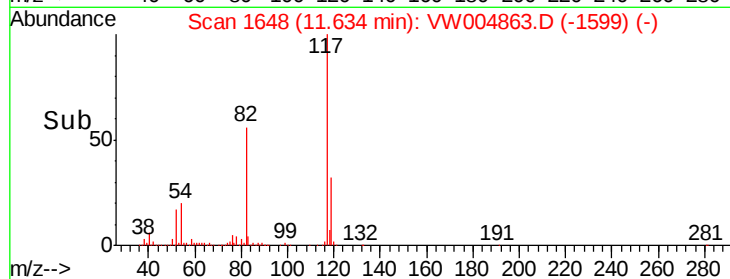
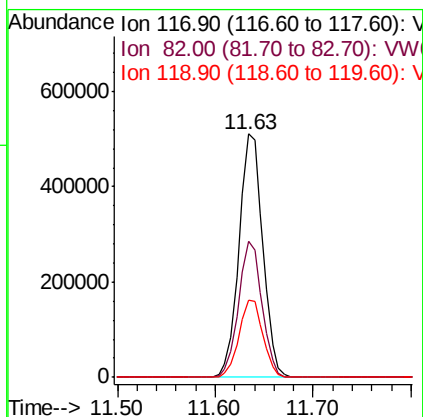
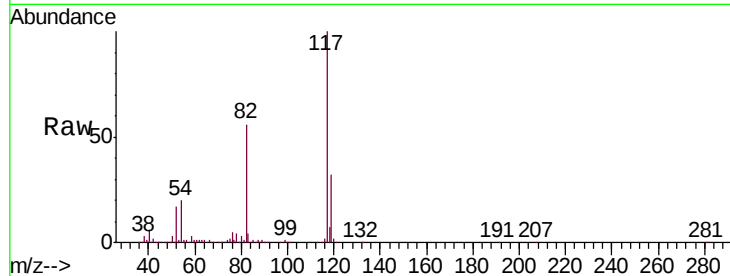




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

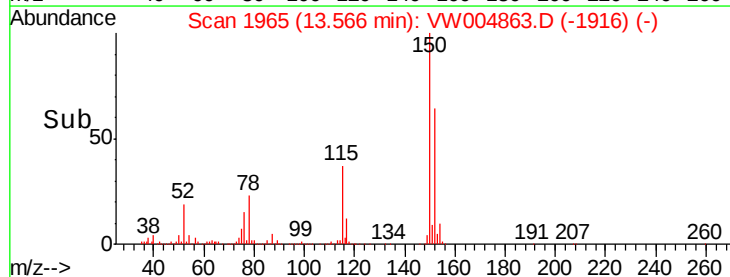
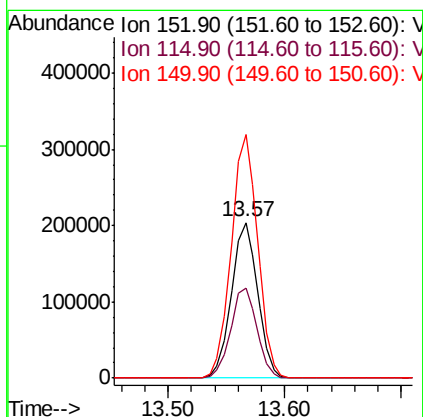
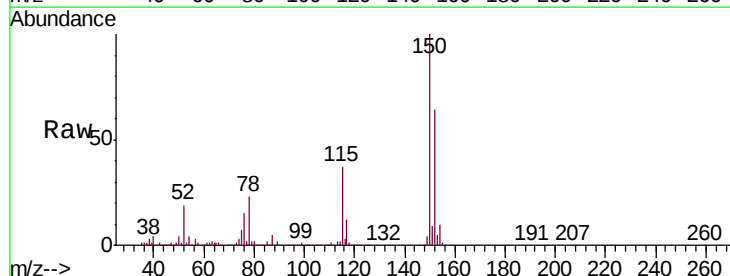
Instrument :
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CL-01-082018-A

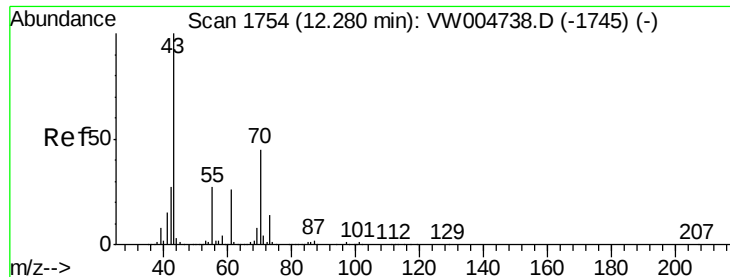
Tgt Ion:117 Resp: 859110
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

Tgt Ion:152 Resp: 320252
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 157.4 0.0 344.8





#74

N-ethyl acetate

Concen: 4.046 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004863.D

Acq: 22 Aug 2018 02:45

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-A

Tgt Ion: 43 Resp: 152

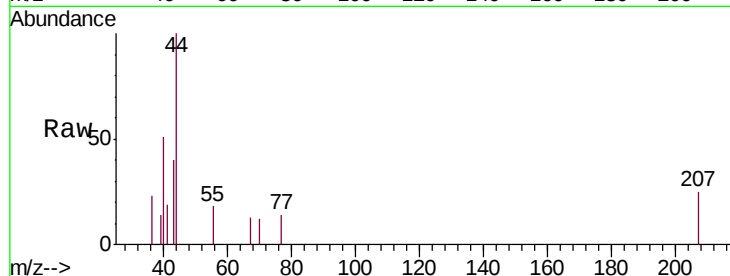
Ion Ratio Lower Upper

43 100

70 16.4 36.3 54.5#

55 36.2 22.6 33.8#

61 0.0 20.2 30.4#

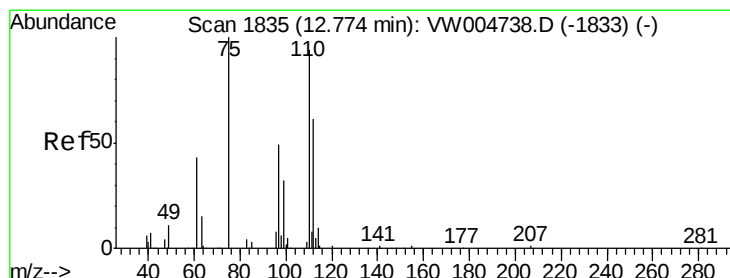
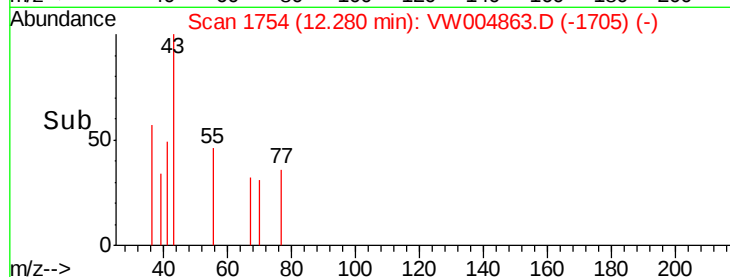
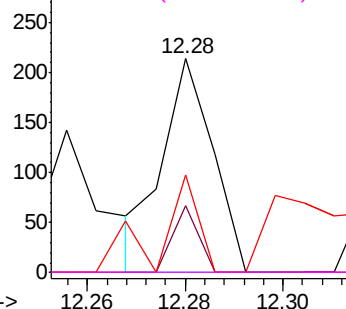


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 57.118 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004863.D

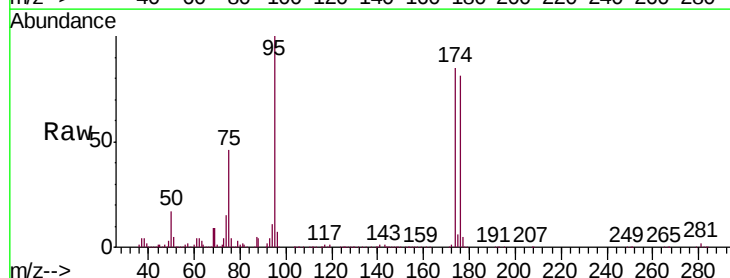
Acq: 22 Aug 2018 02:45

Tgt Ion: 75 Resp: 161251

Ion Ratio Lower Upper

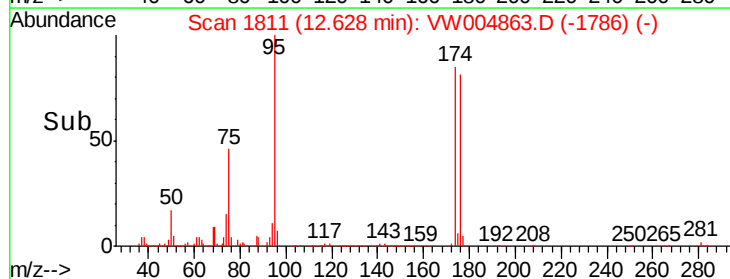
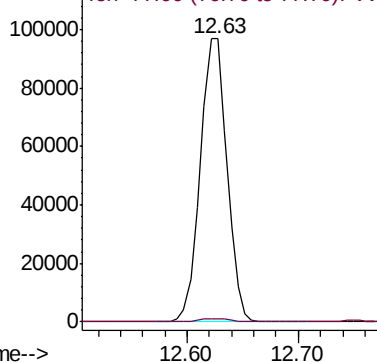
75 100

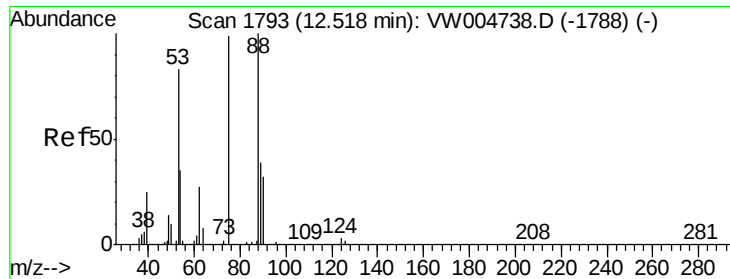
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

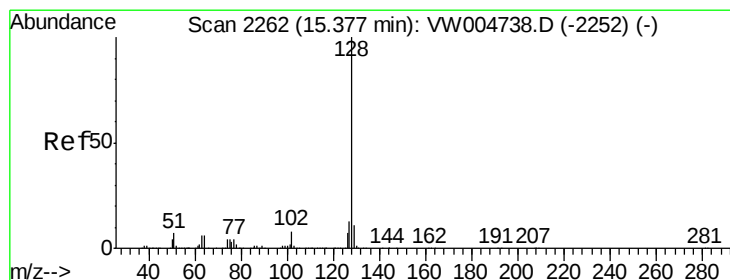
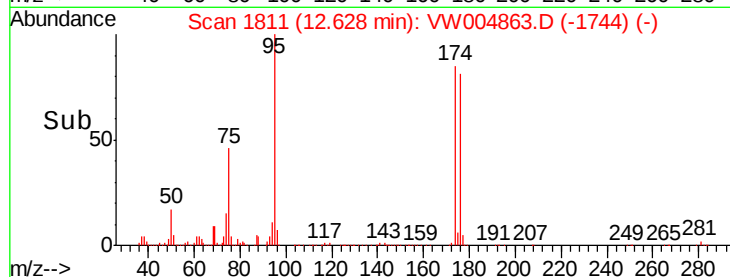
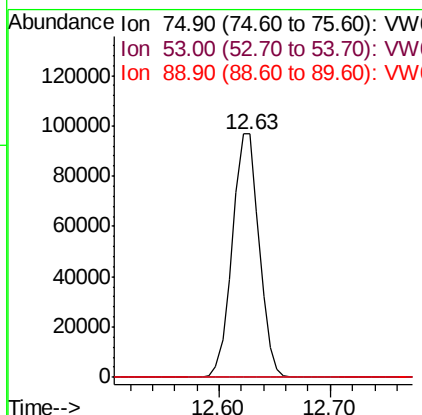
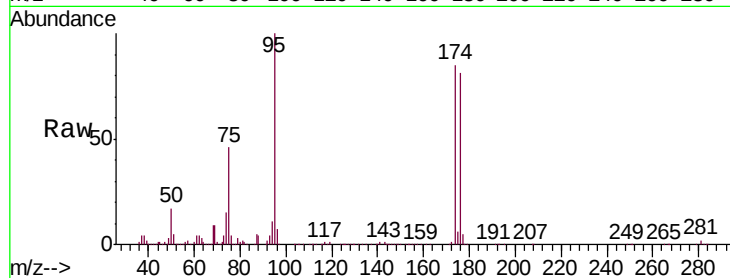




#81
trans-1,4-Dichloro-2-butene
Concen: 132.759 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.11 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-A

Tgt Ion: 75 Resp: 161251
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 0.1 35.2 52.8#



#95
Naphthalene
Concen: 3.680 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004863.D
Acq: 22 Aug 2018 02:45

Tgt Ion: 128 Resp: 2442
Ion Ratio Lower Upper
128 100
127 19.1 10.4 15.6#
129 10.7 8.6 13.0

