

Data File : VW004864.D
Acq On : 22 Aug 2018 03:11
Operator : SY/AP
Sample : J4275-11
Misc : 5.72G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Aug 22 07:50:10 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	554913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	925527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	811339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	319975	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	303568	56.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.16%	
35) Dibromofluoromethane	7.89	113	300413	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.33	98	1041516	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
62) 4-Bromofluorobenzene	12.62	95	307934	37.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.14%	

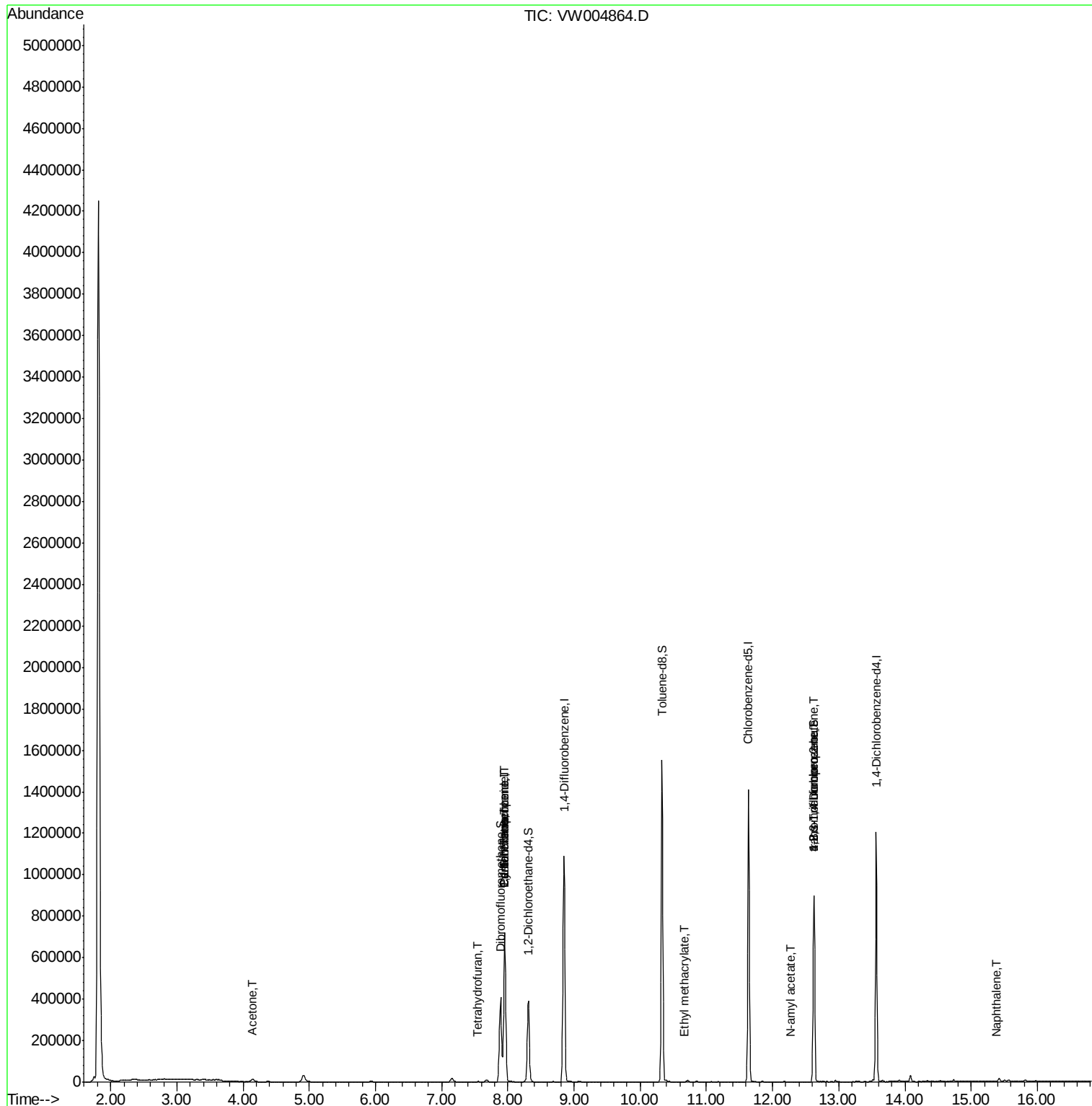
Target Compounds				Qvalue		
16) Acetone	4.14	43	23131	16.890	ug/l	98
29) Tetrahydrofuran	7.54	42	1474	1.481	ug/l #	83
31) Cyclohexane	7.95	56	10856	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	40137	4.210	ug/l #	48
38) Carbon Tetrachloride	7.95	117	50623	5.768	ug/l #	16
56) Ethyl methacrylate	10.66	69	22	2.984	ug/l #	52
74) N-amyl acetate	12.28	43	209	4.057	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	146900	52.080	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	146900	121.048	ug/l #	14
95) Naphthalene	15.38	128	1299	3.599	ug/l	98

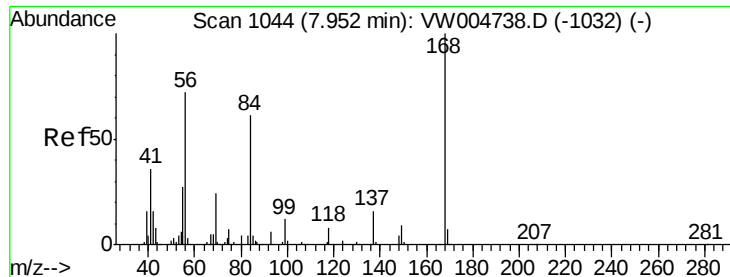
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004864.D

Acq: 22 Aug 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

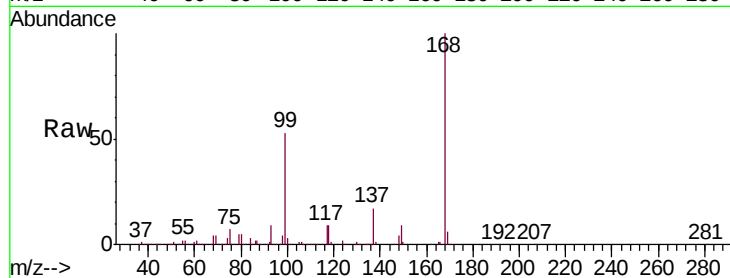
CL-01-082018-B

Tgt Ion:168 Resp: 554913

Ion Ratio Lower Upper

168 100

99 53.4 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

250000

200000

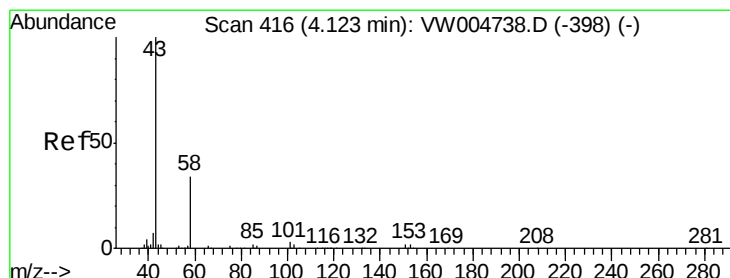
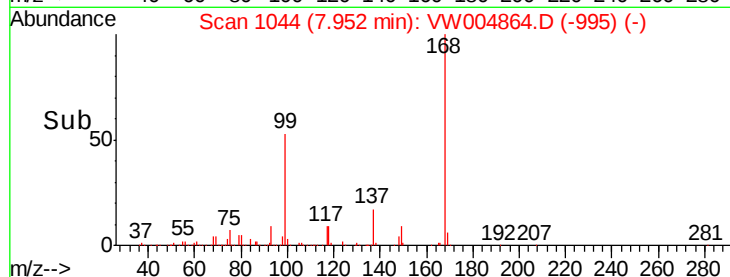
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.890 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004864.D

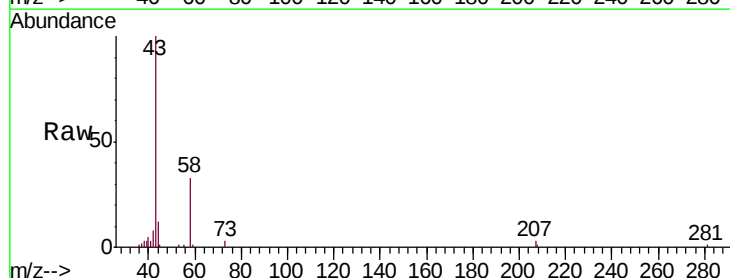
Acq: 22 Aug 2018 03:11

Tgt Ion: 43 Resp: 23131

Ion Ratio Lower Upper

43 100

58 33.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

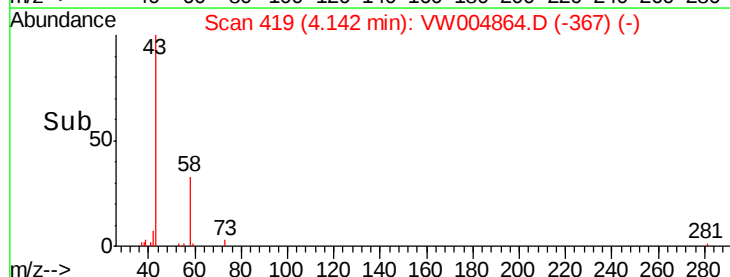
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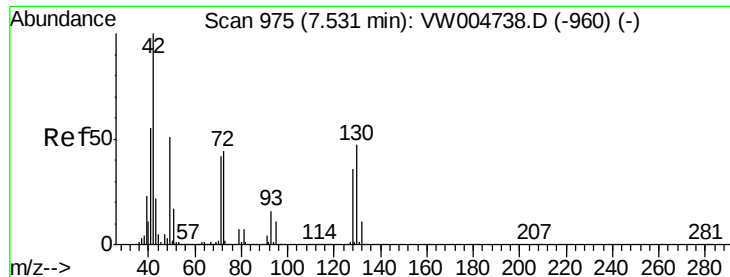
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2000

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Time-->

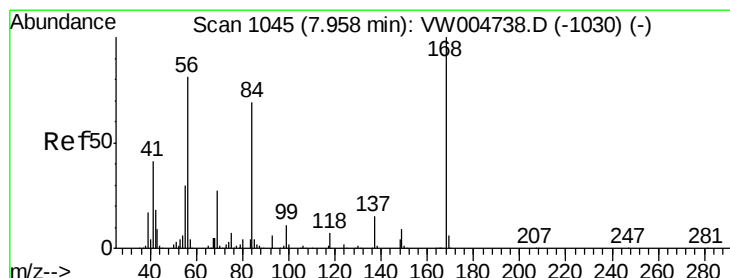
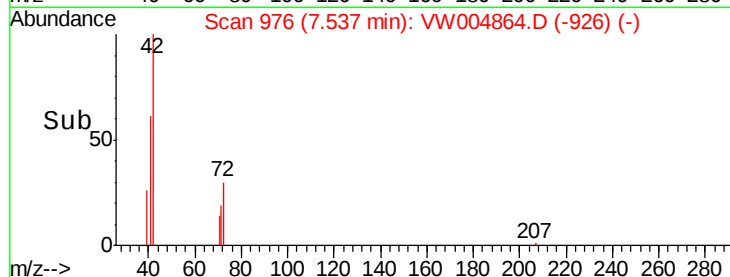
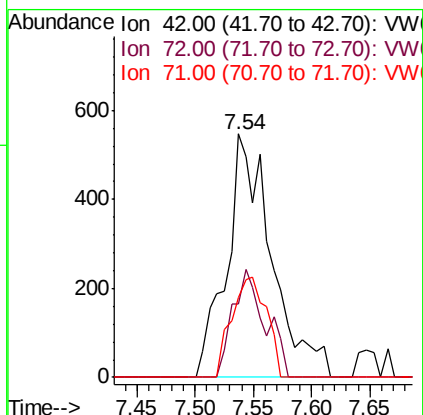
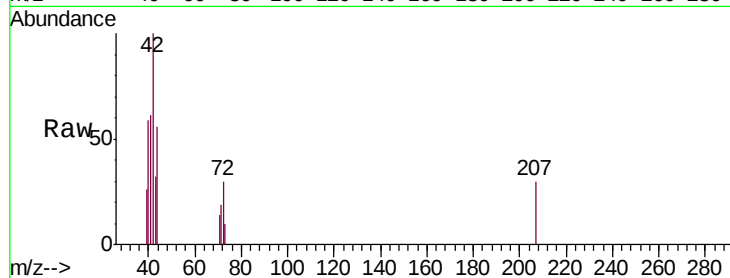




#29
Tetrahydrofuran
Concen: 1.481 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

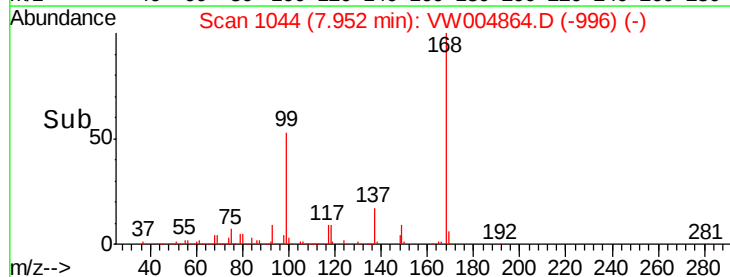
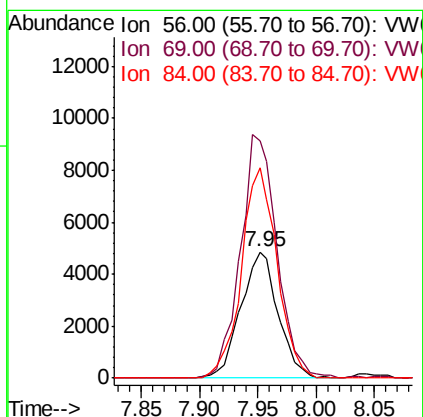
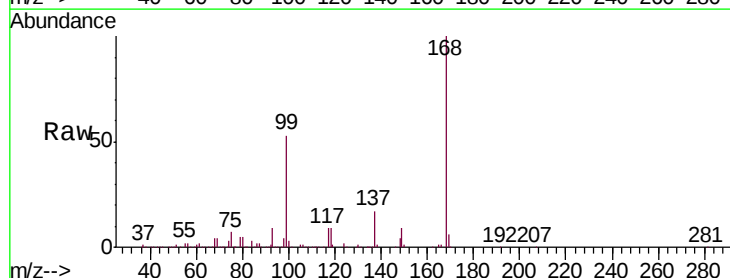
Instrument :
MSVOA_W
ClientSampled :
CL-01-082018-B

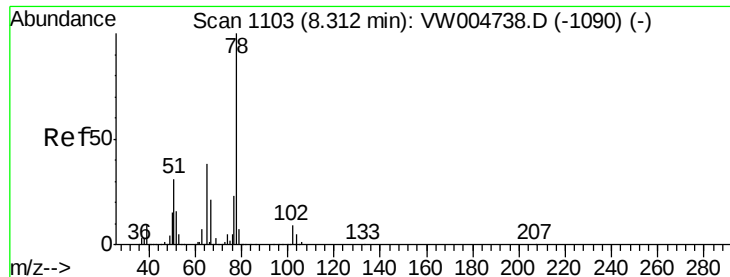
Tgt Ion: 42 Resp: 1474
Ion Ratio Lower Upper
42 100
72 32.0 34.9 52.3#
71 31.9 33.8 50.6#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

Tgt Ion: 56 Resp: 10856
Ion Ratio Lower Upper
56 100
69 188.5 27.1 40.7#
84 167.0 68.3 102.5#





#33

1,2-Dichloroethane-d4

Concen: 56.584 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004864.D

Acq: 22 Aug 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

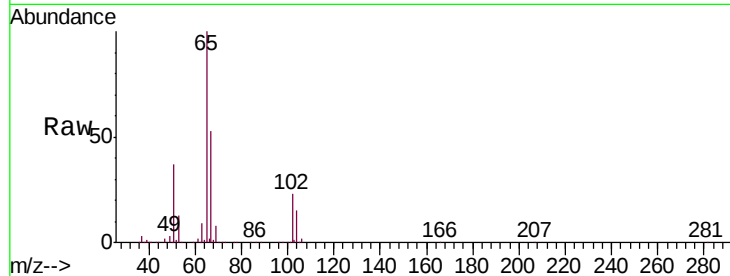
CL-01-082018-B

Tgt Ion: 65 Resp: 303568

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

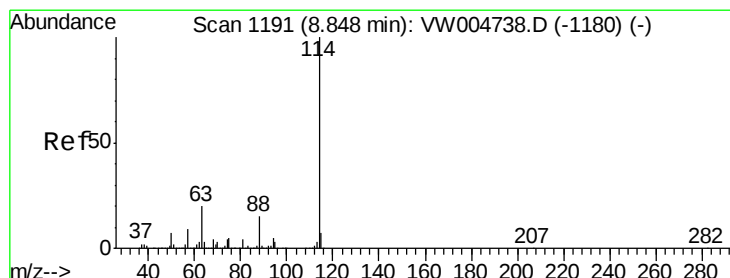
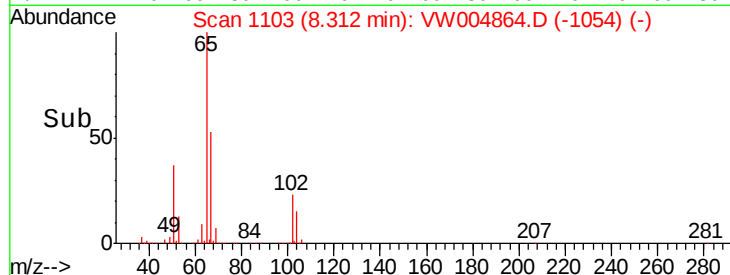
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004864.D

Acq: 22 Aug 2018 03:11

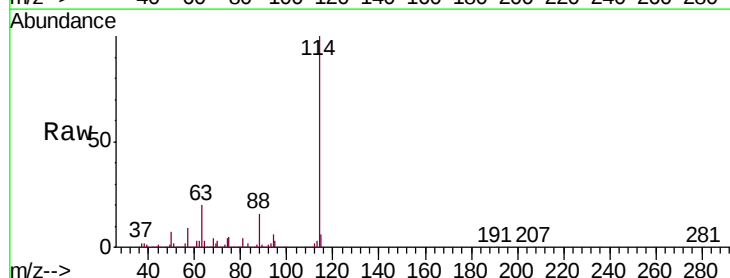
Tgt Ion: 114 Resp: 925527

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

88 15.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.85

600000

500000

400000

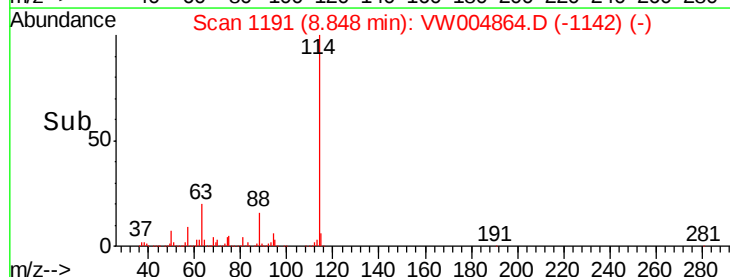
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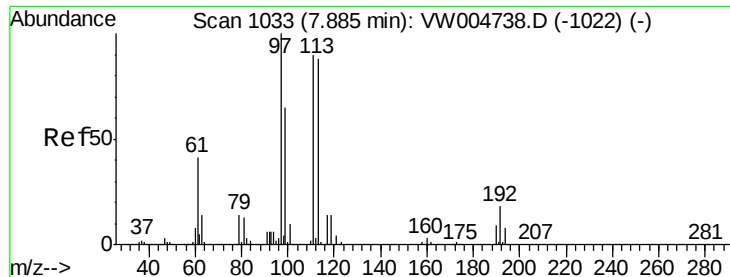
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Time-->

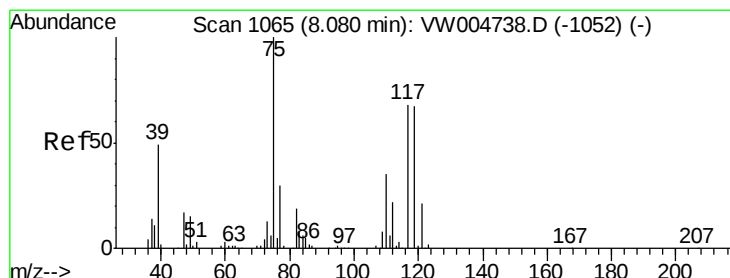
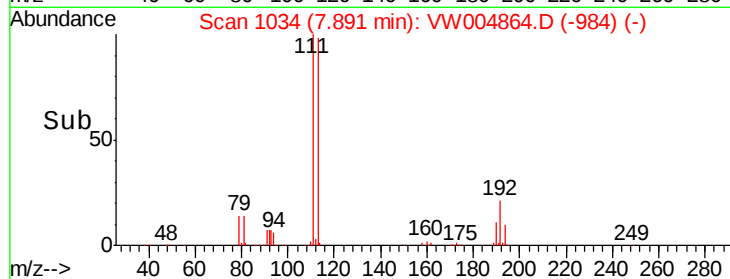
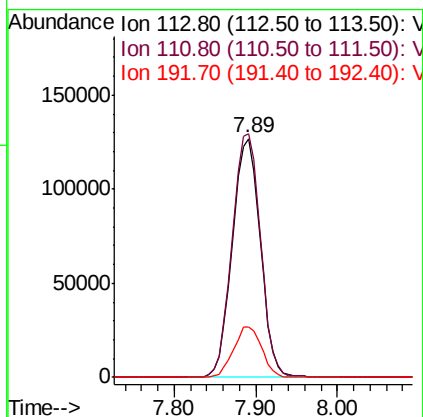
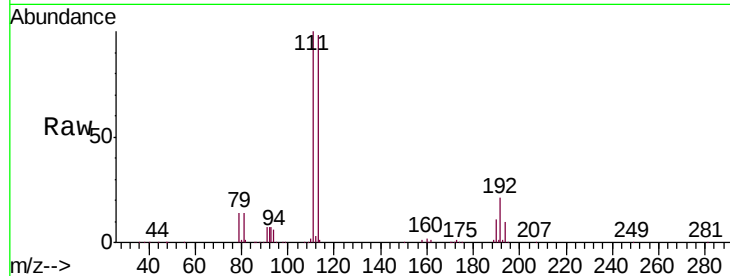




#35
 Dibromofluoromethane
 Concen: 50.785 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004864.D
 Acq: 22 Aug 2018 03:11

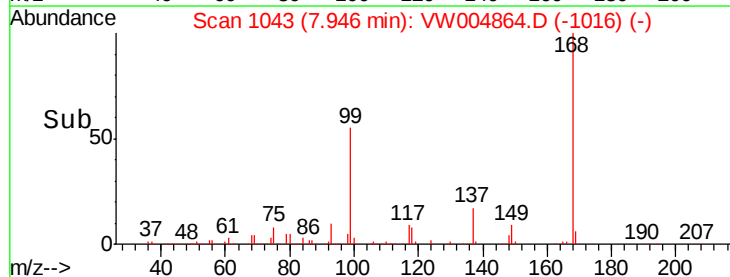
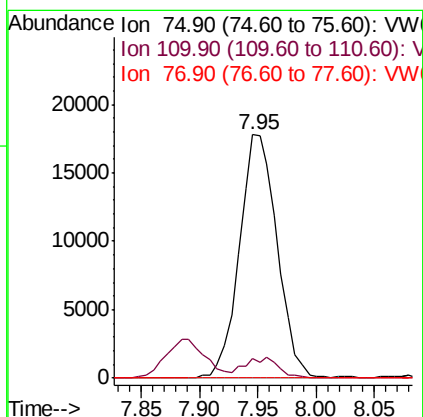
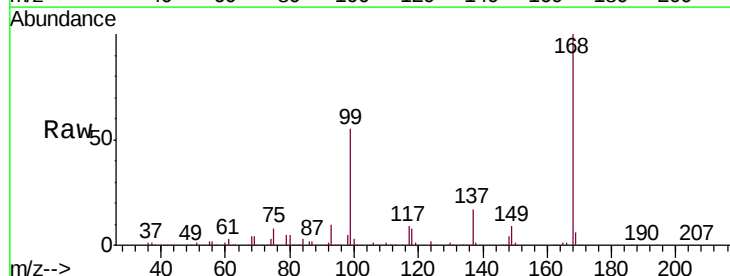
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-082018-B

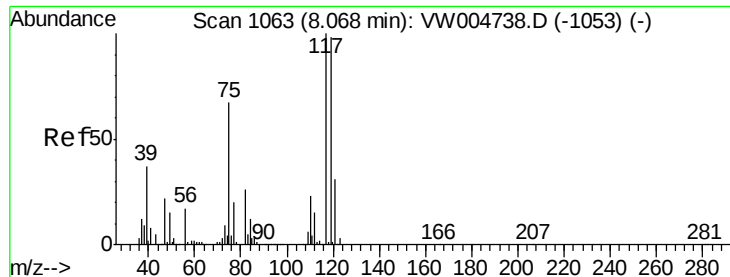
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	21.3	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.210 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004864.D
 Acq: 22 Aug 2018 03:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.8	53.5#
77	0.1	24.9	37.3#

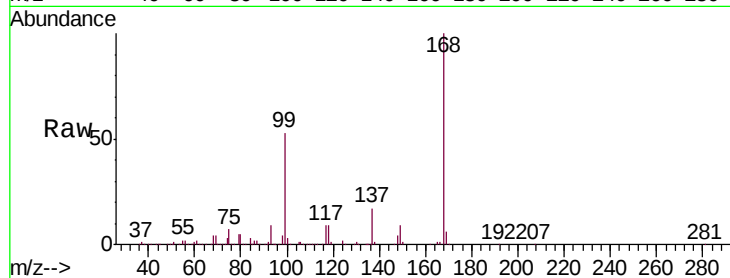




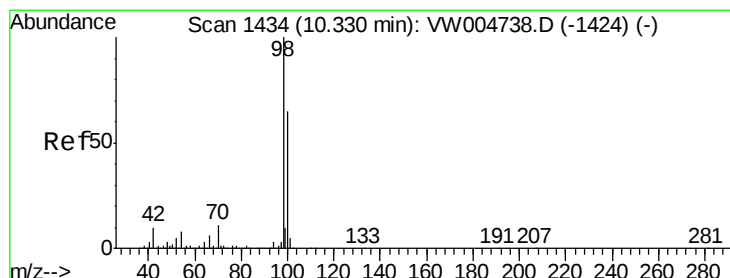
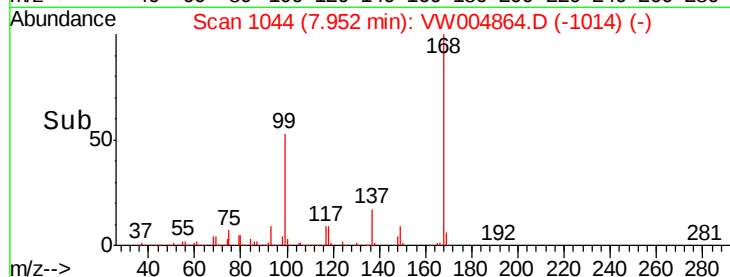
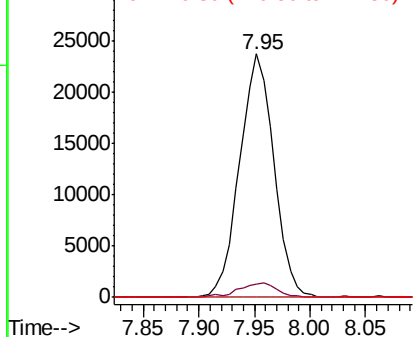
#38
Carbon Tetrachloride
Concen: 5.768 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

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

Tgt Ion: 117 Resp: 50623
Ion Ratio Lower Upper
117 100
119 5.6 78.0 117.0#
121 0.0 24.8 37.2#

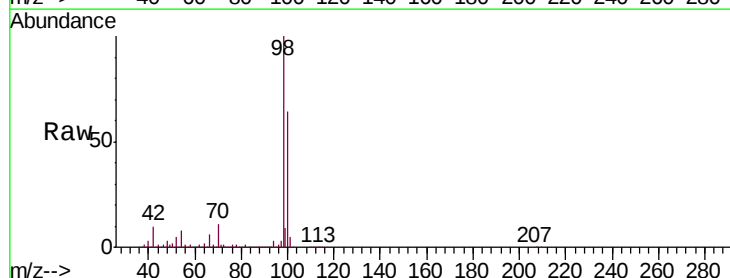


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

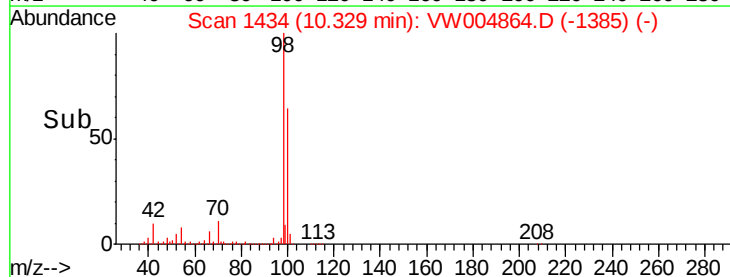
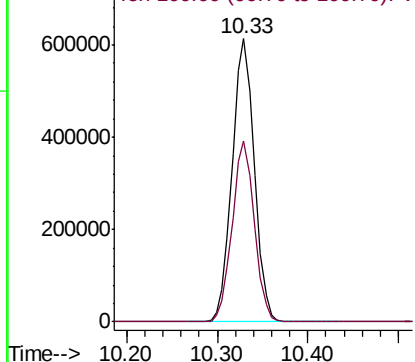


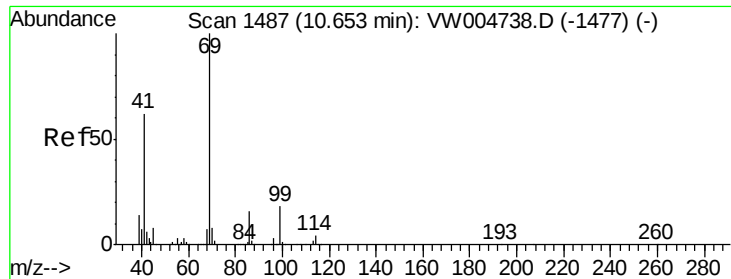
#50
Toluene-d8
Concen: 45.105 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

Tgt Ion: 98 Resp: 1041516
Ion Ratio Lower Upper
98 100
100 63.6 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: 2.984 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004864.D

Acq: 22 Aug 2018 03:11

Instrument :

MSVOA_W

ClientSampled :

CL-01-082018-B

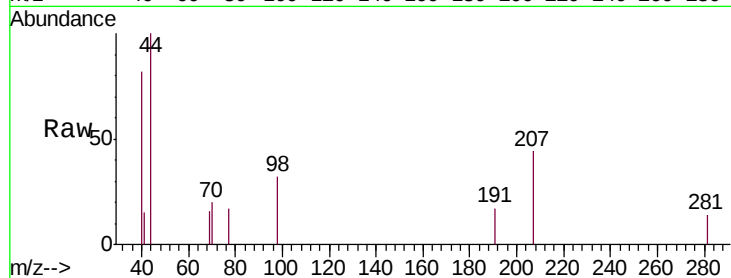
Tgt Ion: 69 Resp: 22

Ion Ratio Lower Upper

69 100

41 100.0 50.7 76.1#

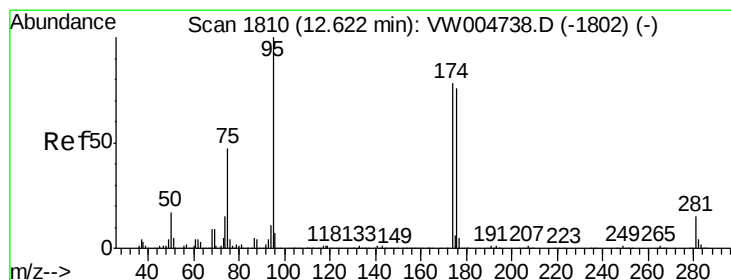
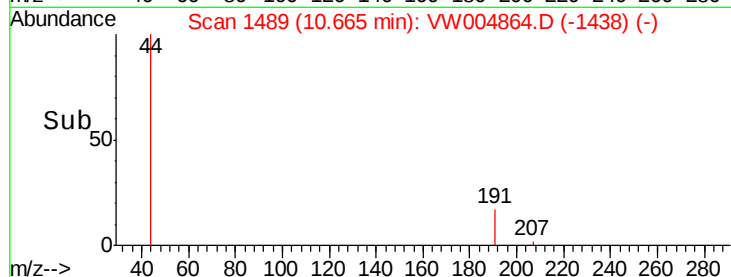
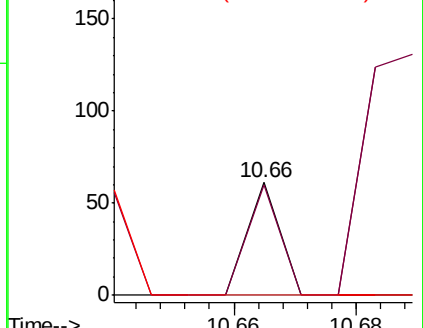
39 0.0 21.4 32.2#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 37.068 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004864.D

Acq: 22 Aug 2018 03:11

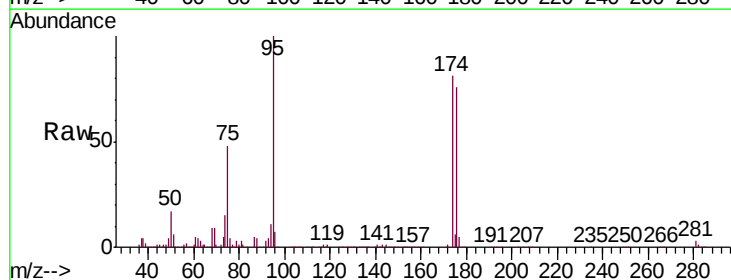
Tgt Ion: 95 Resp: 307934

Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

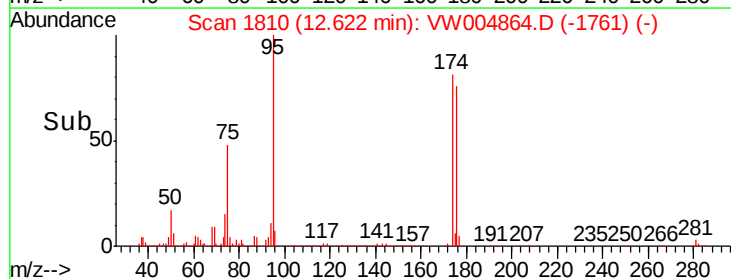
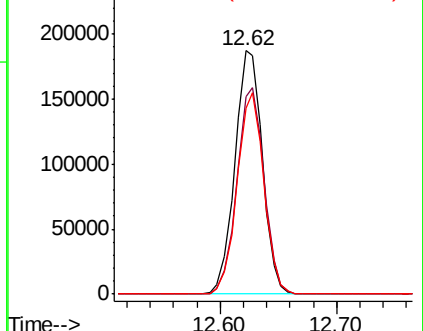
176 80.7 0.0 159.8

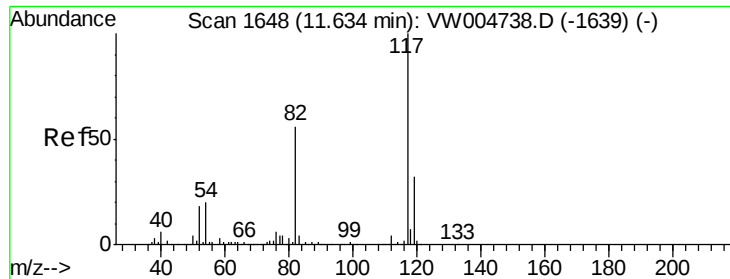


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

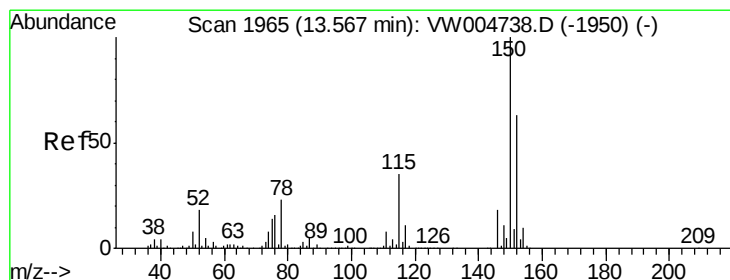
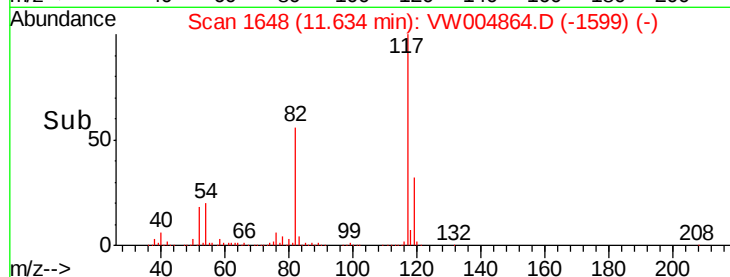
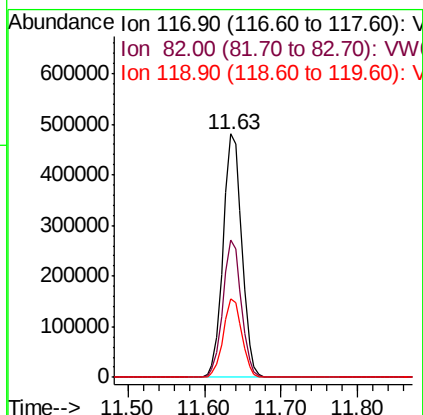
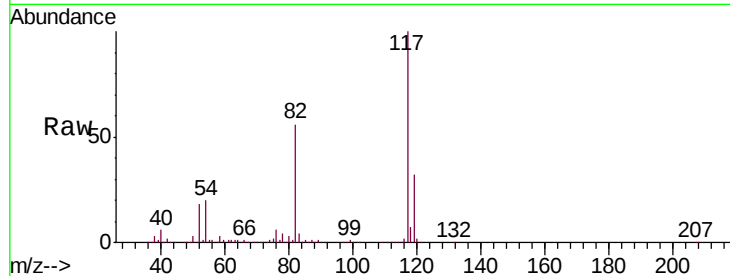




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

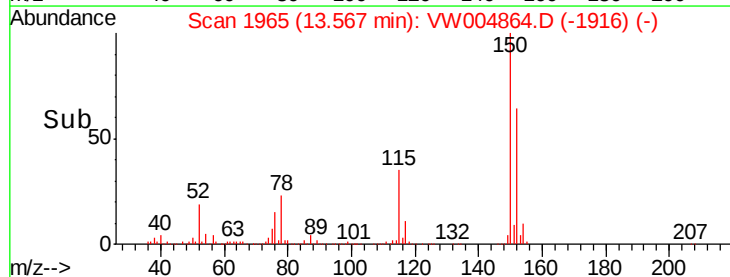
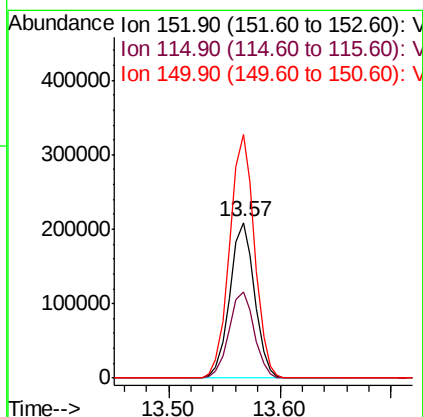
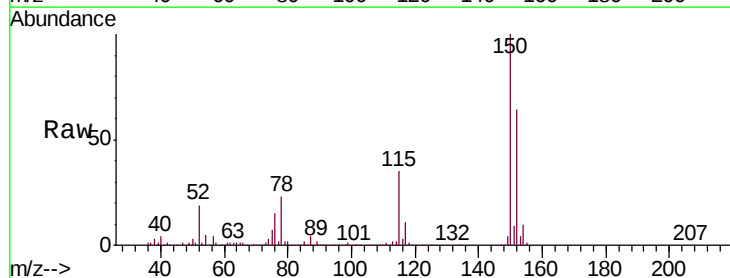
Instrument :
MSVOA_W
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CL-01-082018-B

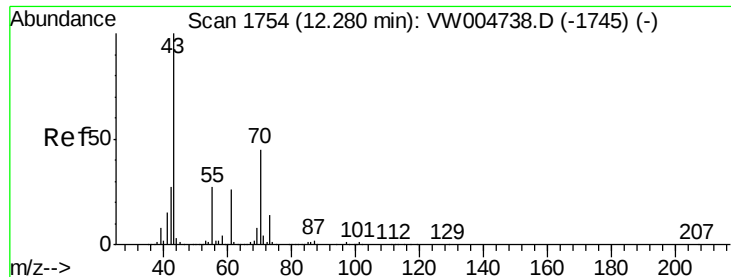
Tgt Ion:117 Resp: 811339
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

Tgt Ion:152 Resp: 319975
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.5
150 157.5 0.0 344.8

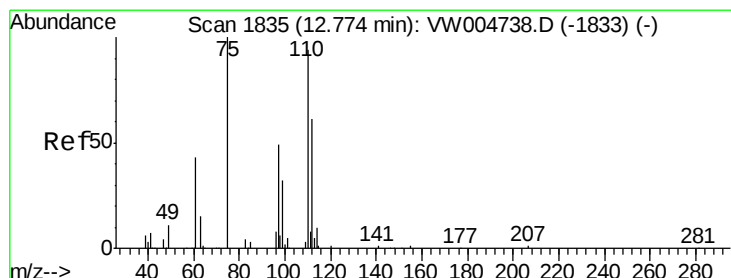
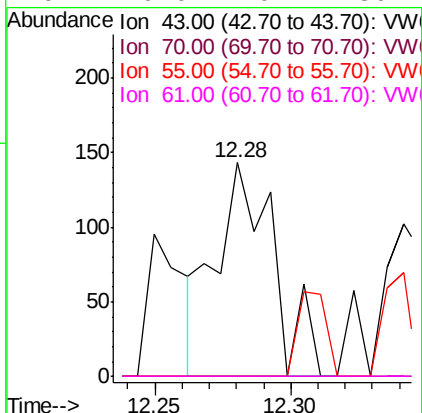
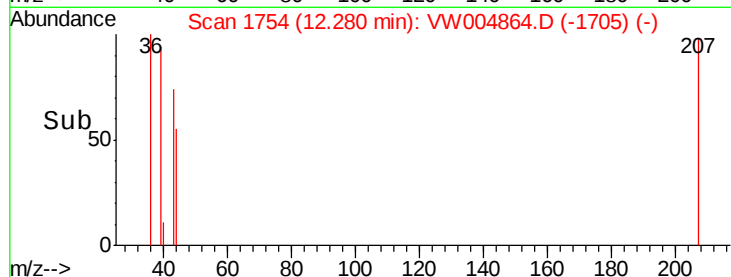
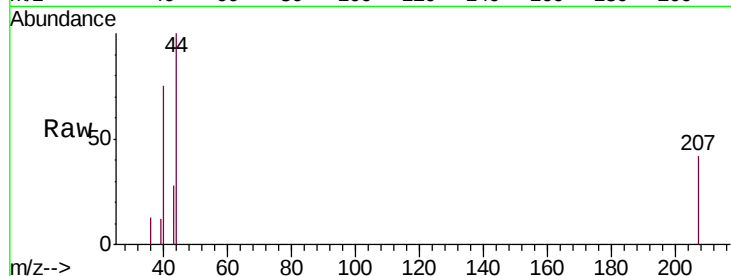




#74
N-ethyl acetate
Concen: 4.057 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

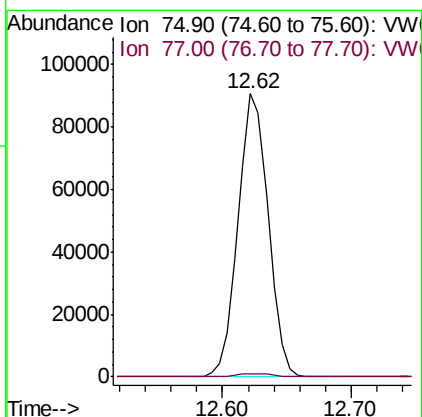
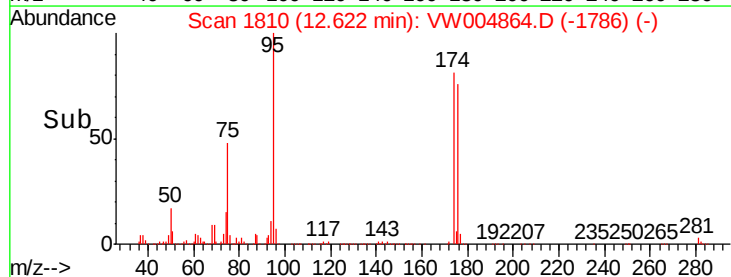
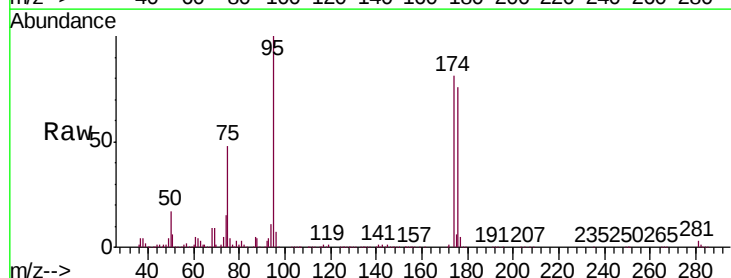
Instrument :
MSVOA_W
ClientSampleId :
CL-01-082018-B

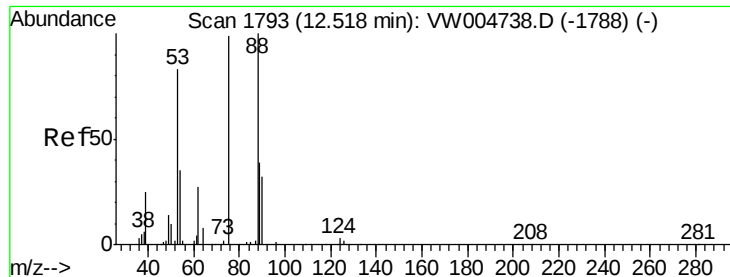
Tgt Ion: 43 Resp: 209
Ion Ratio Lower Upper
43 100
70 0.0 36.3 54.5#
55 0.0 22.6 33.8#
61 0.0 20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 52.080 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004864.D
Acq: 22 Aug 2018 03:11

Tgt Ion: 75 Resp: 146900
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 121.048 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004864.D

Acq: 22 Aug 2018 03:11

Instrument :

MSVOA_W

ClientSampleId :

CL-01-082018-B

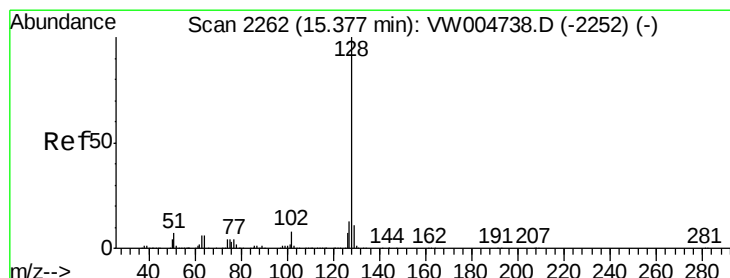
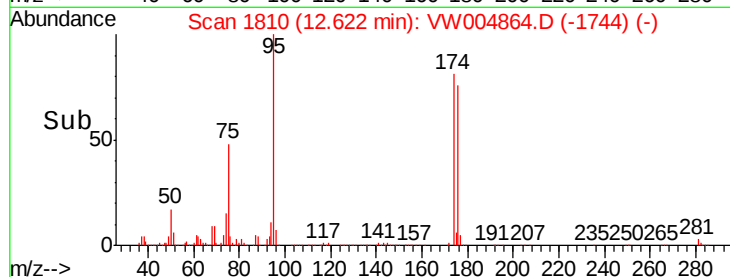
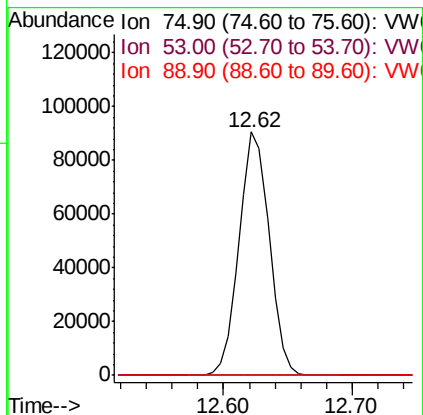
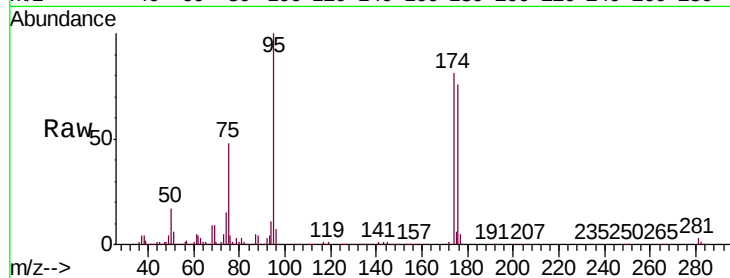
Tgt Ion: 75 Resp: 146900

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.4#

89 0.1 35.2 52.8#



#95

Naphthalene

Concen: 3.599 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004864.D

Acq: 22 Aug 2018 03:11

Tgt Ion: 128 Resp: 1299

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 12.4 8.6 13.0

