

Data File : VW004840.D
Acq On : 21 Aug 2018 14:45
Operator : SY/AP
Sample : J4538-04RE
Misc : 14.09G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSS4RE

Quant Time: Aug 22 05:17:42 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	462473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	808634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	731343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	275651	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	292606	65.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.88%	
35) Dibromofluoromethane	7.89	113	283293	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	
50) Toluene-d8	10.33	98	909441	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.63	95	270960	37.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.66%	

Target Compounds

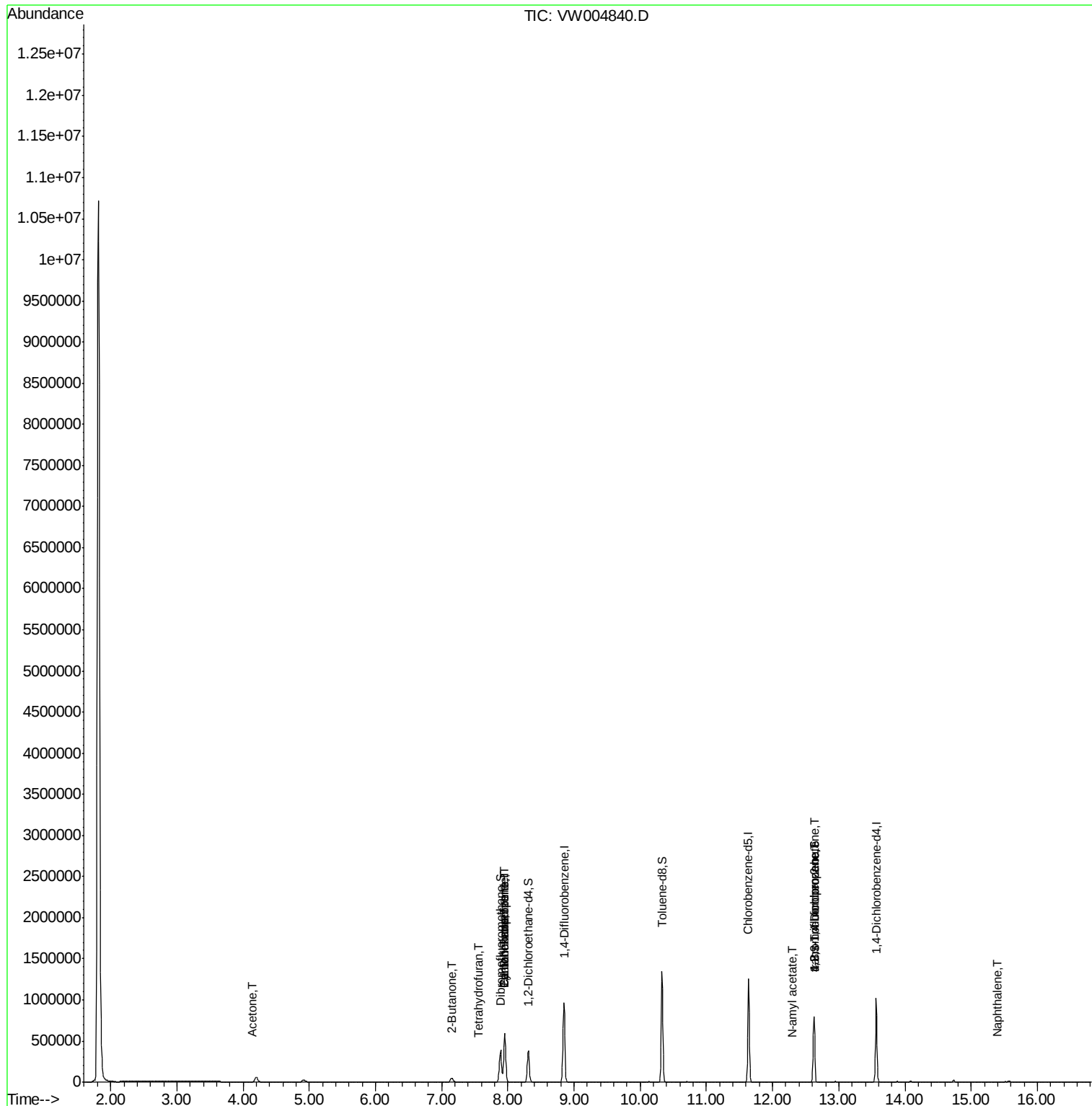
					Qvalue	
16) Acetone	4.14	43	6164	5.400	ug/l	93
20) Methylene Chloride	4.92	84	22385	Below	Cal	98
25) 2-Butanone	7.15	43	2590	1.593	ug/l #	67
29) Tetrahydrofuran	7.54	42	832	1.003	ug/l #	75
31) Cyclohexane	7.95	56	8905	1.019	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	33369	4.006	ug/l #	49
38) Carbon Tetrachloride	7.95	117	42166	5.499	ug/l #	16
74) N-amyl acetate	12.29	43	72	4.034	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	128172	52.747	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	128172	122.599	ug/l #	13
95) Naphthalene	15.39	128	903	3.582	ug/l #	84

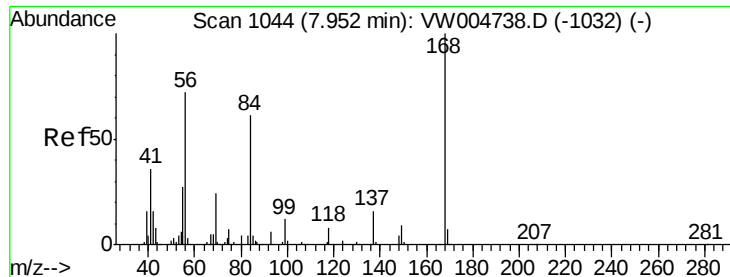
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004840.D

Acq: 21 Aug 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

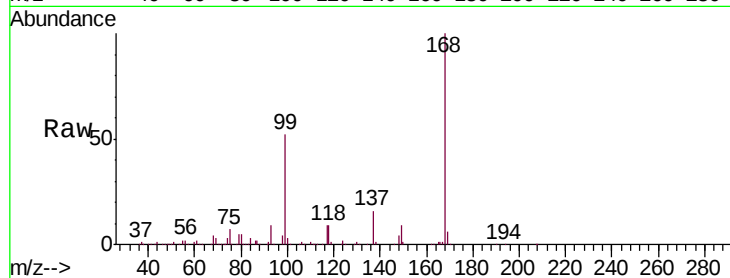
VSS4RE

Tgt Ion:168 Resp: 462473

Ion Ratio Lower Upper

168 100

99 52.4 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

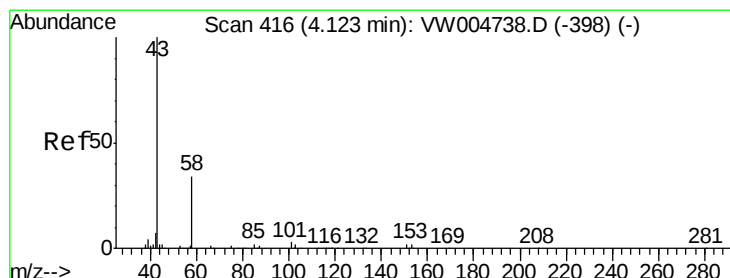
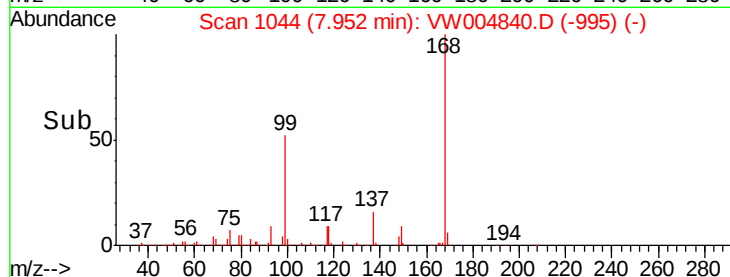
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 5.400 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004840.D

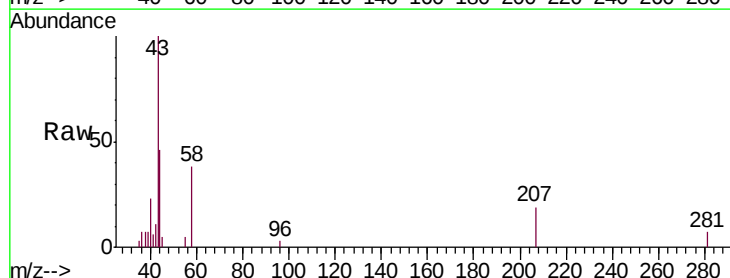
Acq: 21 Aug 2018 14:45

Tgt Ion: 43 Resp: 6164

Ion Ratio Lower Upper

43 100

58 38.0 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

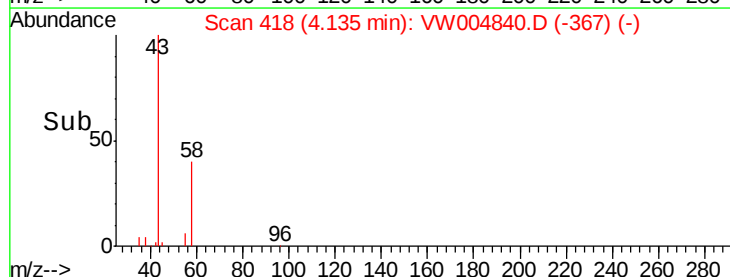
1500

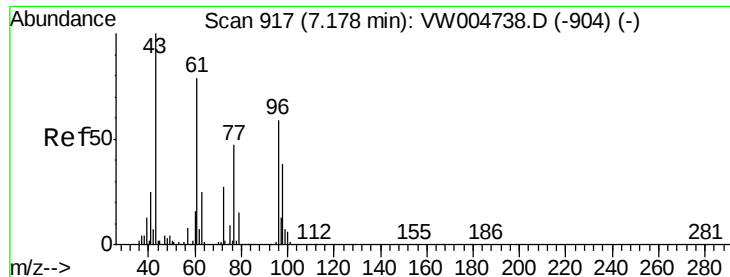
1000

500

0

Time--> 4.10 4.20

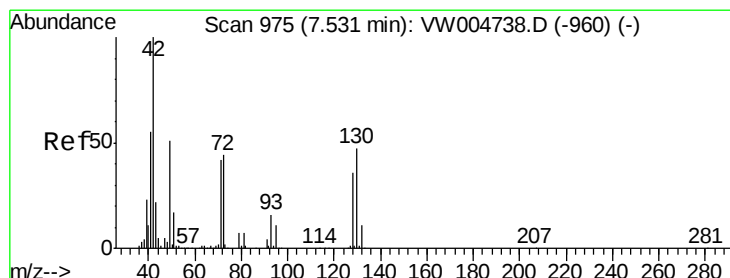
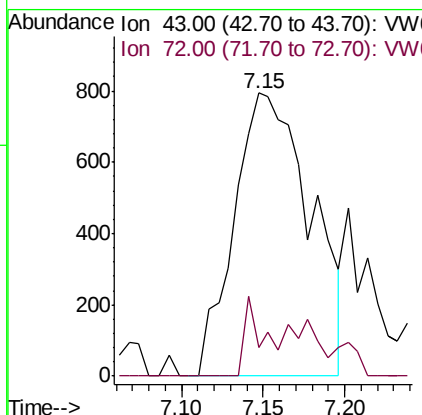
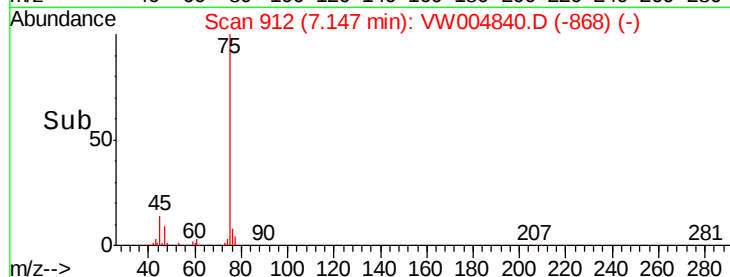
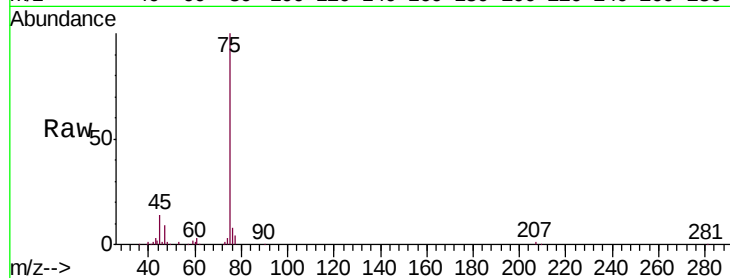




#25
2-Butanone
Concen: 1.593 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

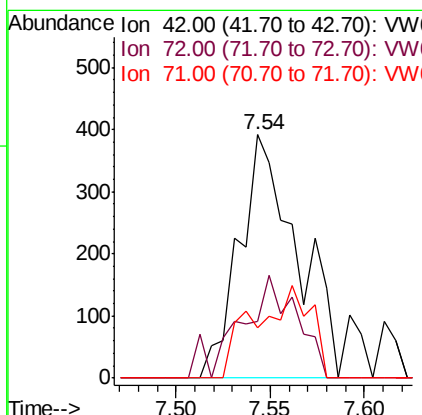
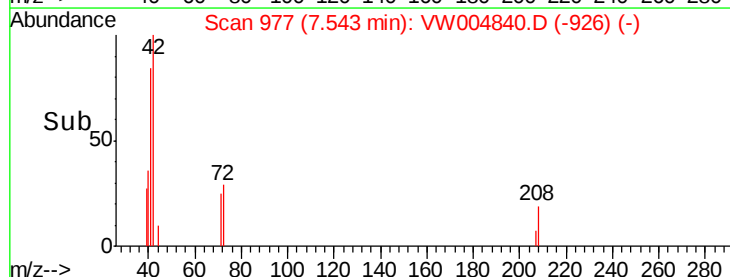
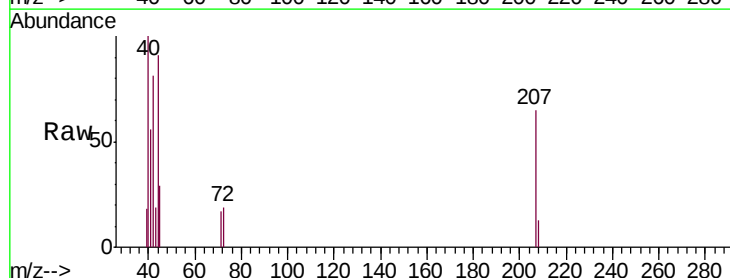
Instrument :
MSVOA_W
ClientSampleId :
VSS4RE

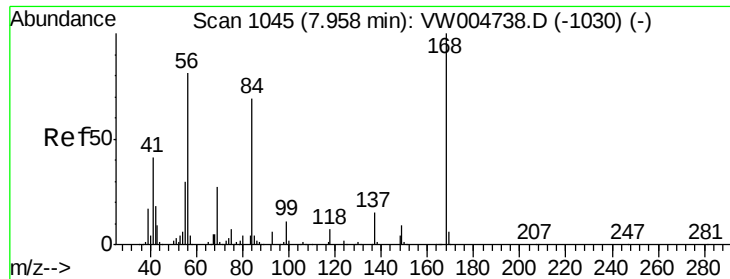
Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
72 10.3 22.0 33.0#



#29
Tetrahydrofuran
Concen: 1.003 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

Tgt Ion: 42 Resp: 832
Ion Ratio Lower Upper
42 100
72 41.3 34.9 52.3
71 12.3 33.8 50.6#

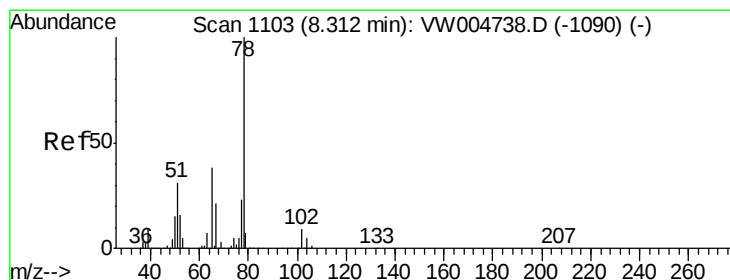
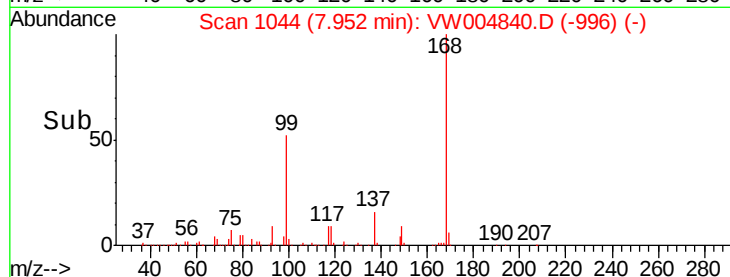
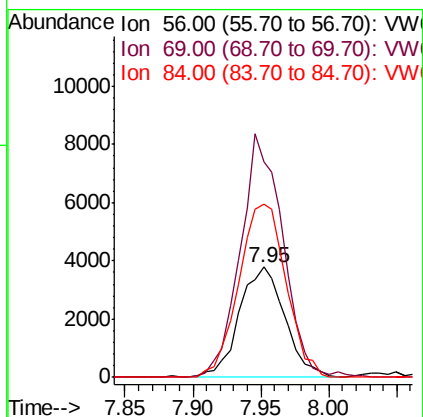
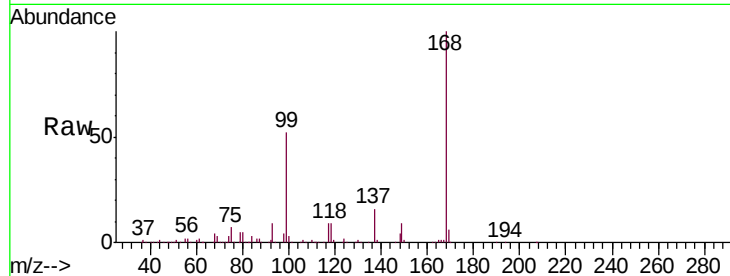




#31
Cyclohexane
Concen: 1.019 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

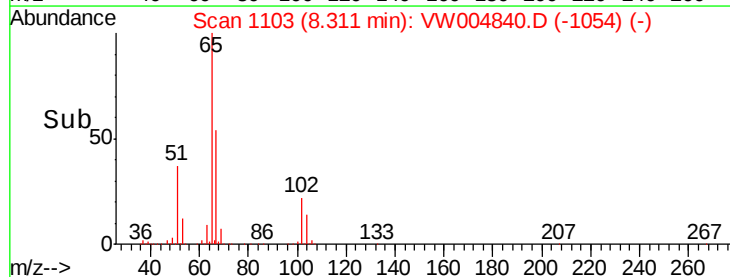
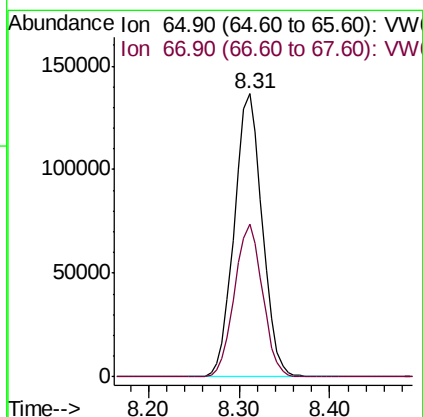
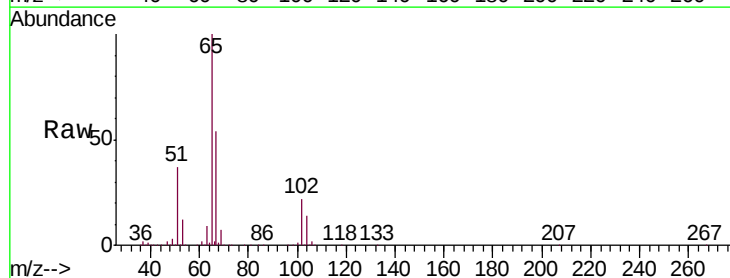
Instrument :
MSVOA_W
ClientSampled :
VSS4RE

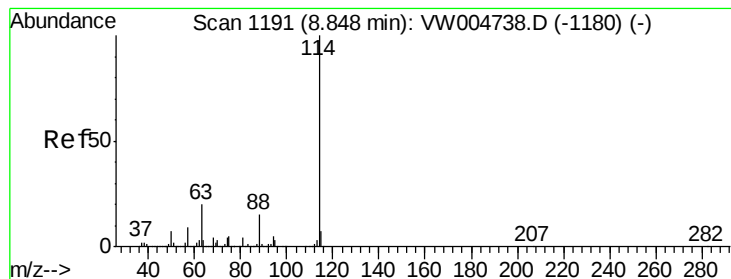
Tgt Ion: 56 Resp: 8905
Ion Ratio Lower Upper
56 100
69 196.0 27.1 40.7#
84 156.8 68.3 102.5#



#33
1,2-Dichloroethane-d4
Concen: 65.442 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

Tgt Ion: 65 Resp: 292606
Ion Ratio Lower Upper
65 100
67 54.2 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: VW004840.D

Acq: 21 Aug 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSS4RE

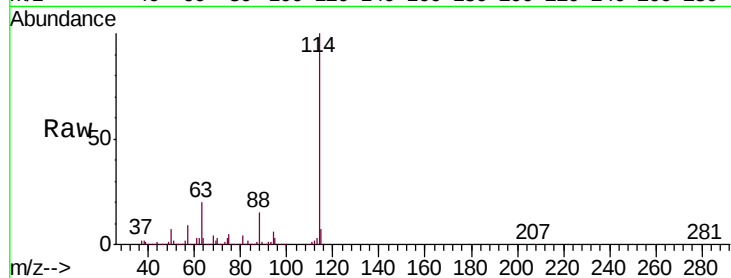
Tgt Ion:114 Resp: 808634

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

88 15.3 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

500000

400000

300000

200000

100000

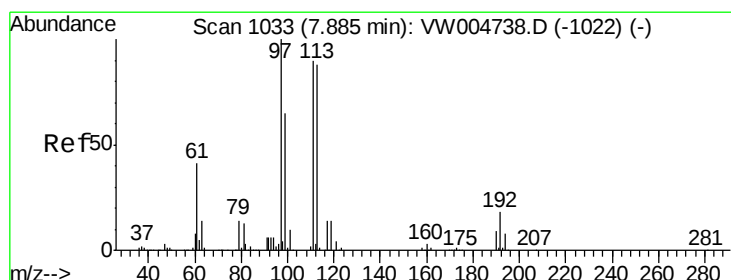
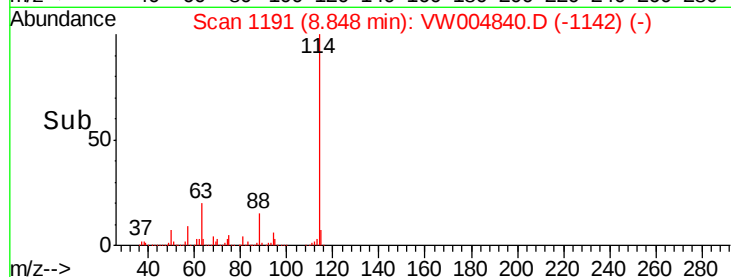
0

8.85

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 54.814 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

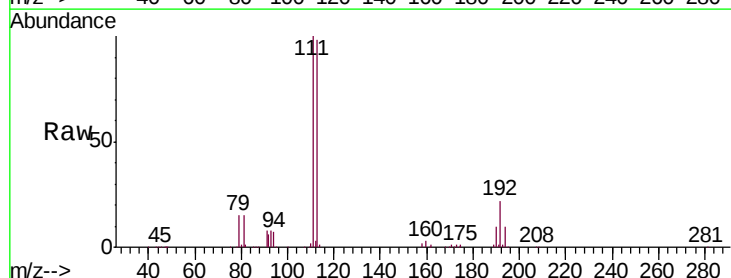
Tgt Ion:113 Resp: 283293

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 21.6 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

150000

100000

50000

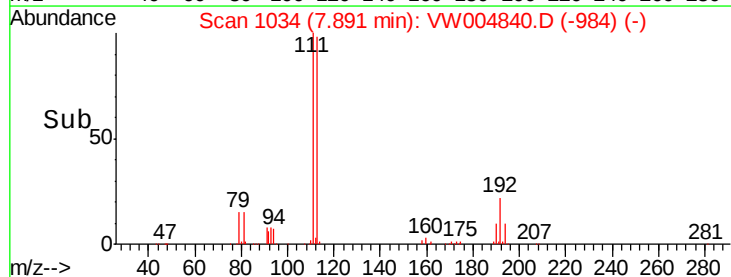
0

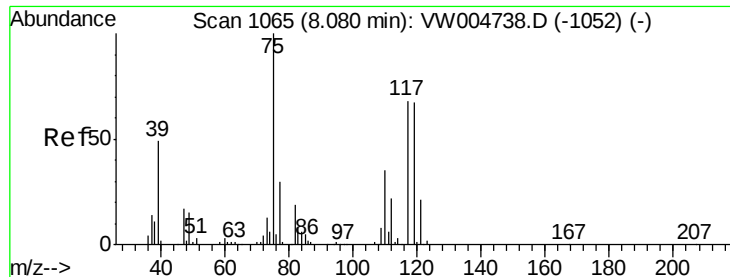
7.89

7.80

8.00

Time-->





#36

1,1-Dichloropropene

Concen: 4.006 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSS4RE

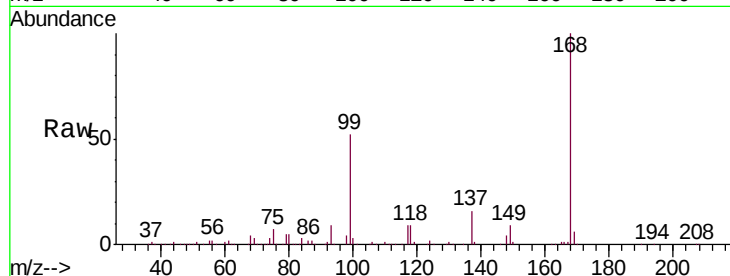
Tgt Ion: 75 Resp: 33369

Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.5#

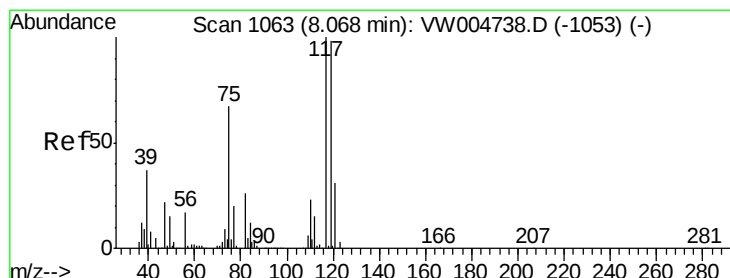
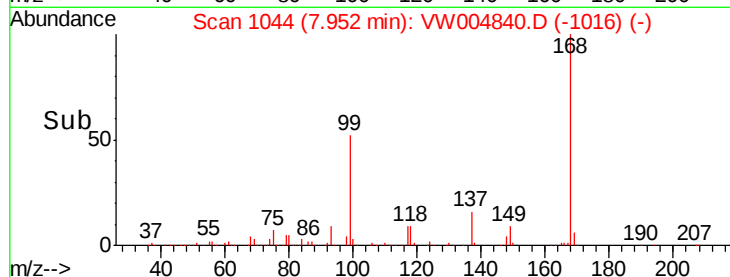
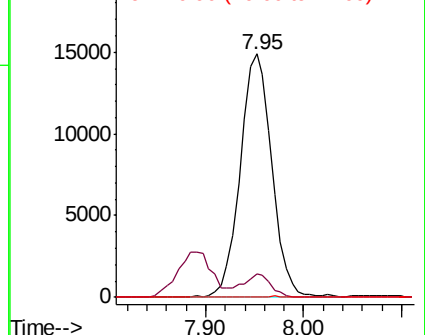
77 0.2 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 5.499 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

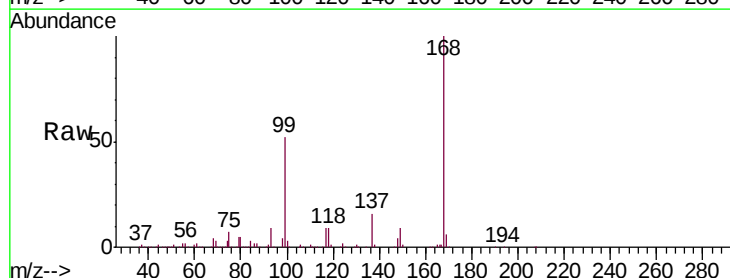
Tgt Ion: 117 Resp: 42166

Ion Ratio Lower Upper

117 100

119 5.8 78.0 117.0#

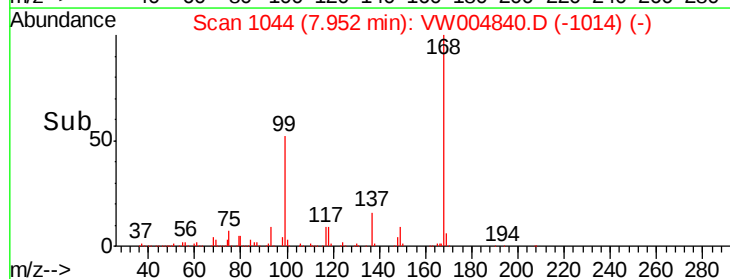
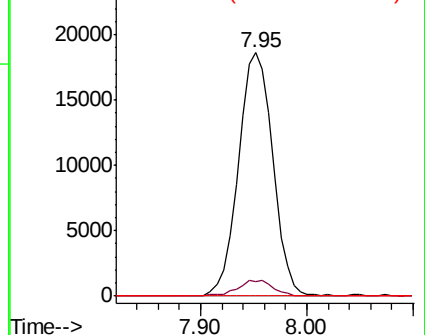
121 0.0 24.8 37.2#

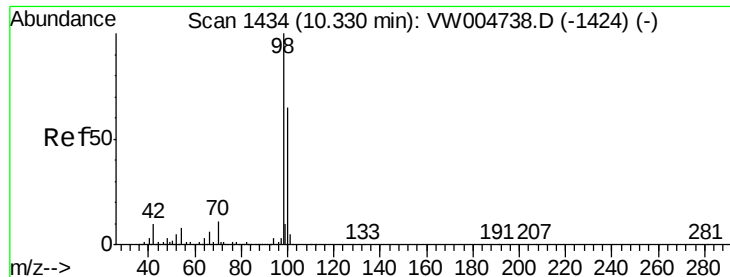


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 45.078 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

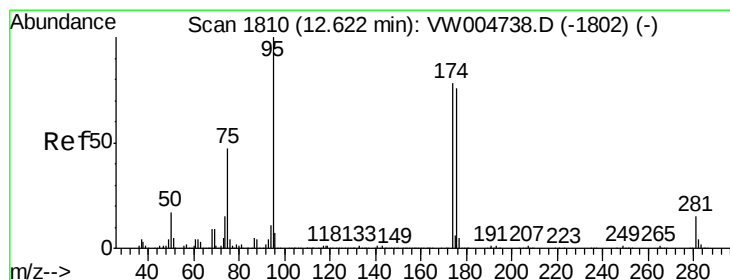
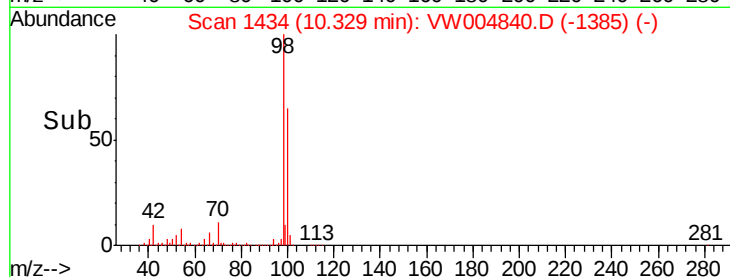
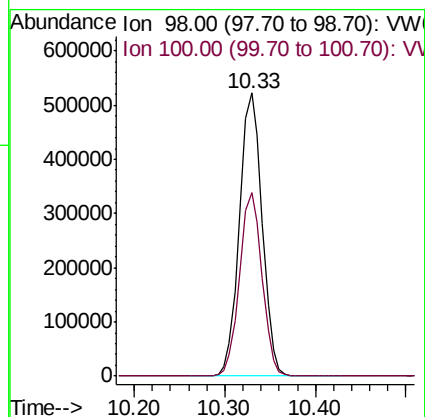
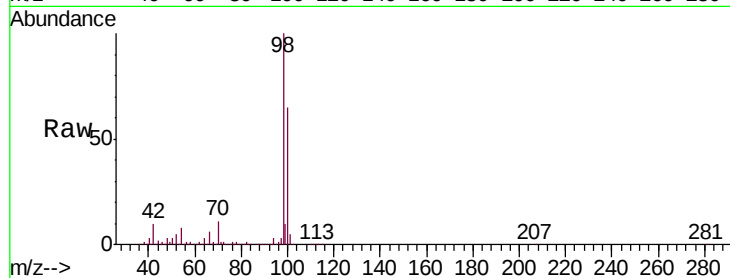
VSS4RE

Tgt Ion: 98 Resp: 909441

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.332 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

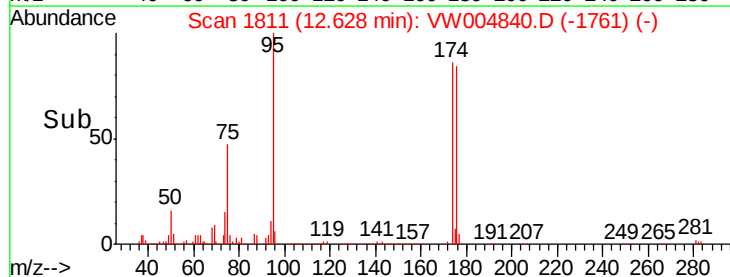
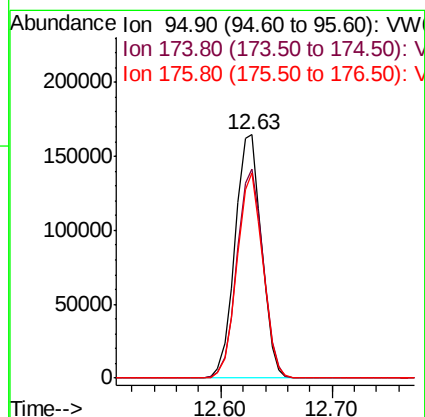
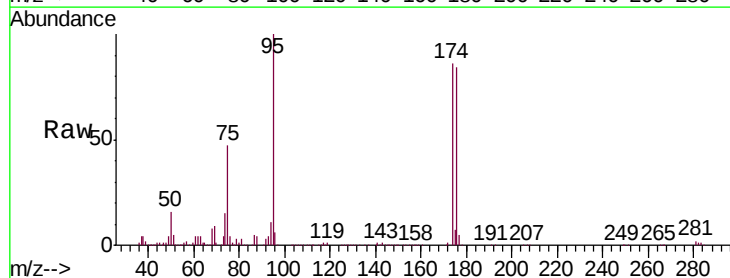
Tgt Ion: 95 Resp: 270960

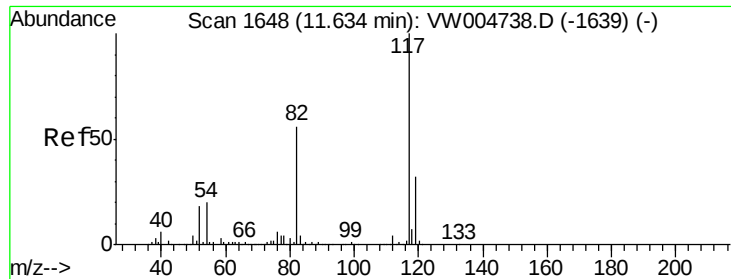
Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

176 82.1 0.0 159.8

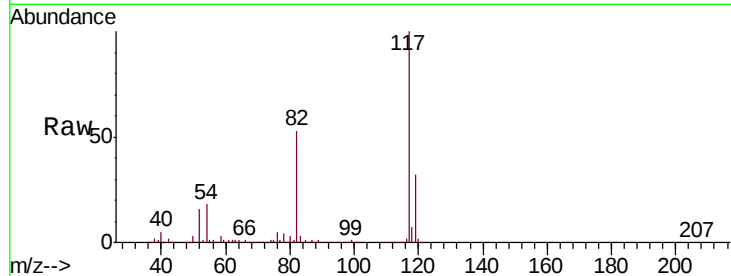




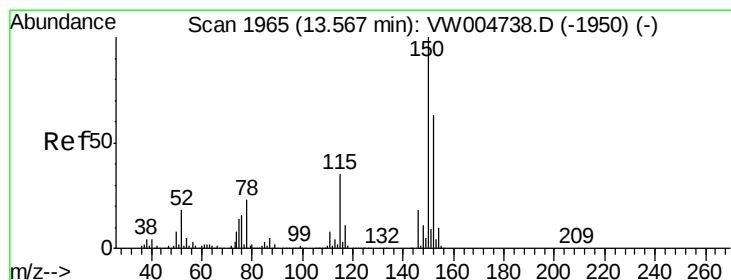
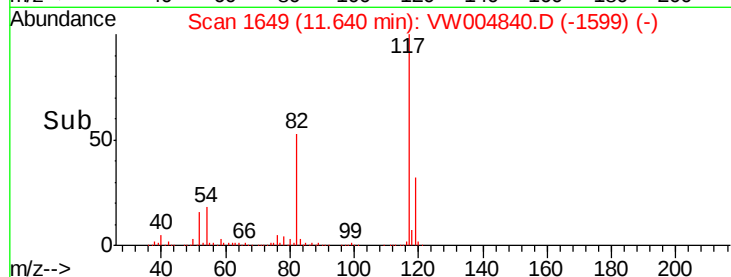
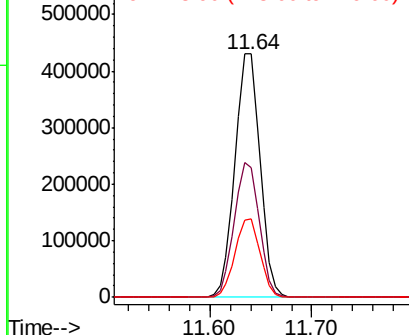
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

Instrument :
MSVOA_W
ClientSampleId :
VSS4RE

Tgt Ion:117 Resp: 731343
Ion Ratio Lower Upper
117 100
82 53.3 44.6 67.0
119 32.3 25.6 38.4

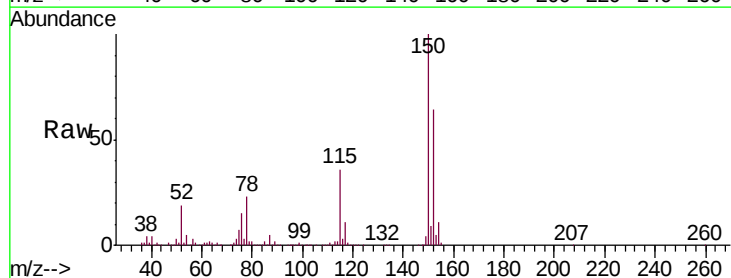


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

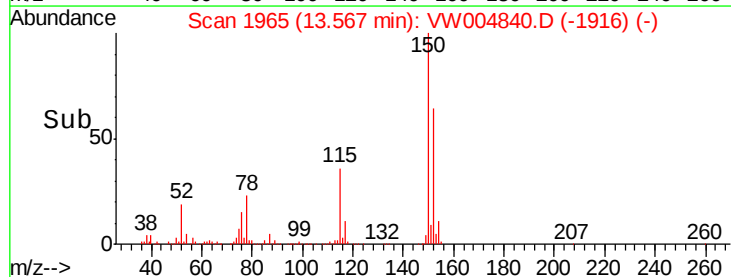
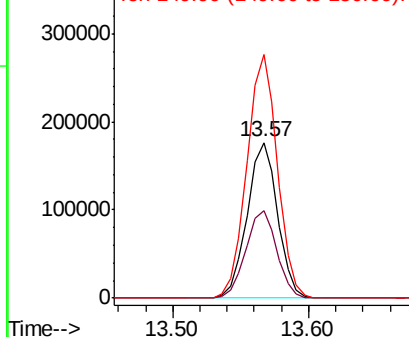


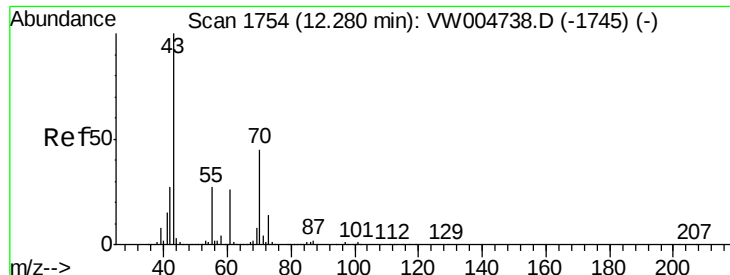
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

Tgt Ion:152 Resp: 275651
Ion Ratio Lower Upper
152 100
115 57.2 28.5 85.5
150 157.5 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

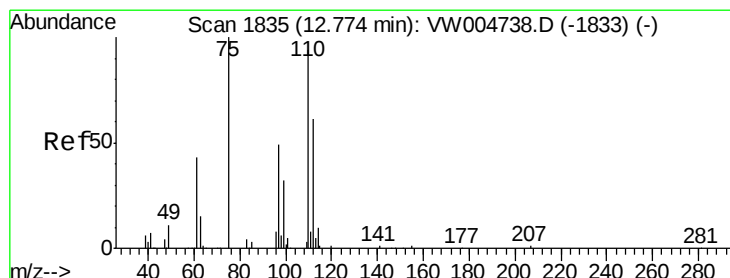
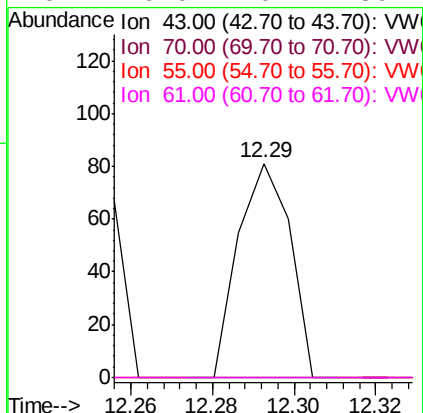
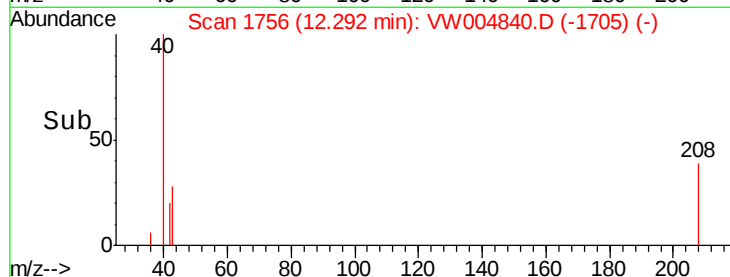
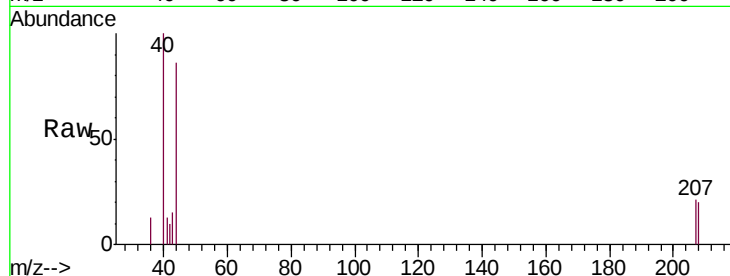




#74
N-ethyl acetate
Concen: 4.034 ug/l
RT: 12.29 min Scan# 1756
Delta R.T. 0.01 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

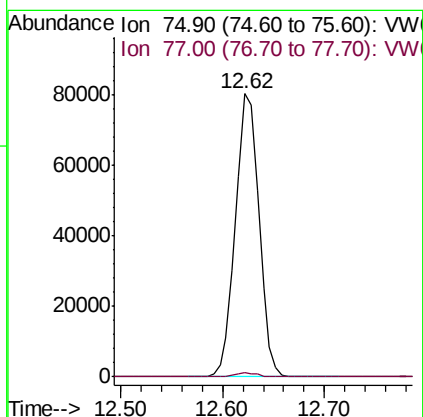
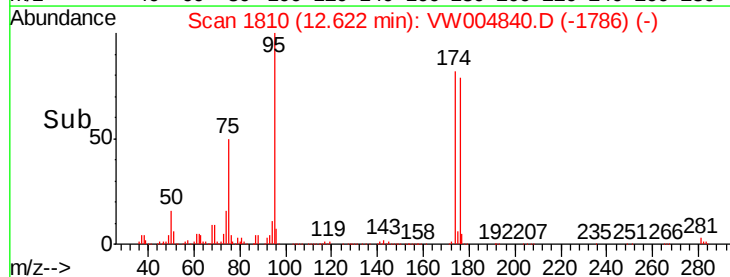
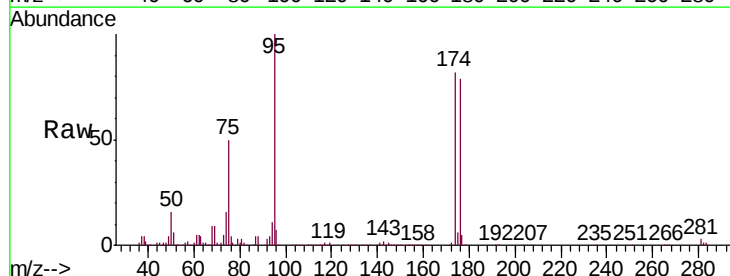
Instrument :
MSVOA_W
ClientSampleId :
VSS4RE

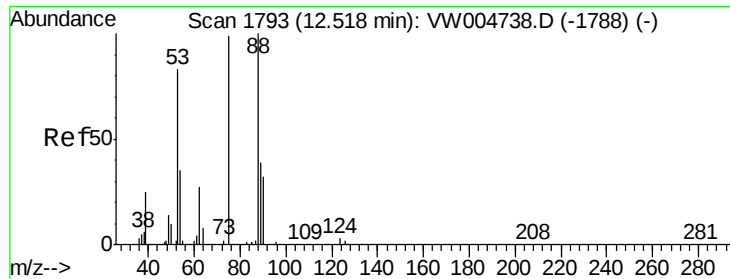
Tgt Ion:	43	Resp:	72
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.3	54.5#
55	0.0	22.6	33.8#
61	0.0	20.2	30.4#



#76
1,2,3-Trichloropropane
Concen: 52.747 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004840.D
Acq: 21 Aug 2018 14:45

Tgt Ion:	75	Resp:	128172
Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 122.599 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

Instrument :

MSVOA_W

ClientSampleId :

VSS4RE

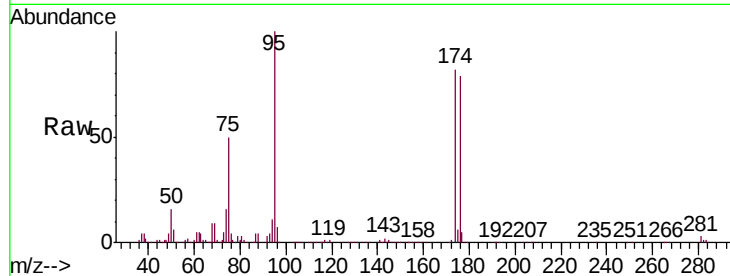
Tgt Ion: 75 Resp: 128172

Ion Ratio Lower Upper

75 100

53 0.1 72.2 108.4#

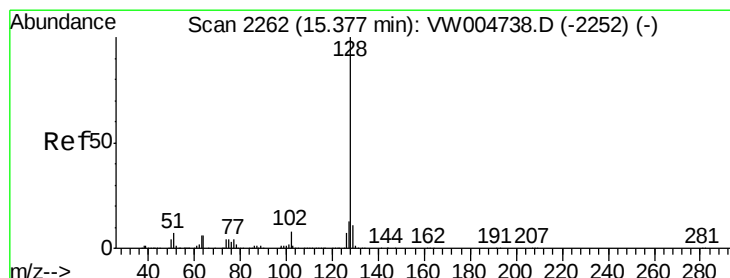
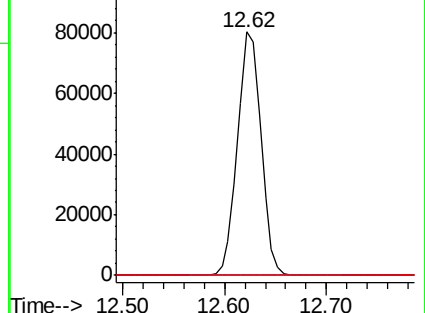
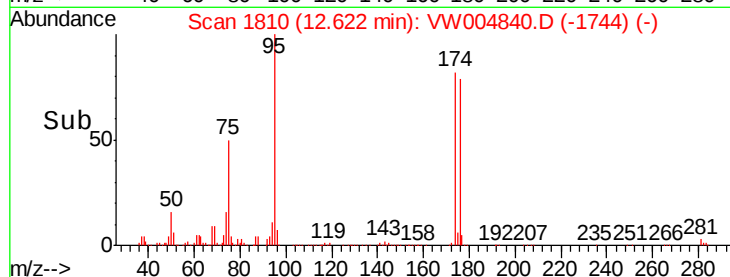
89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 3.582 ug/l

RT: 15.39 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VW004840.D

Acq: 21 Aug 2018 14:45

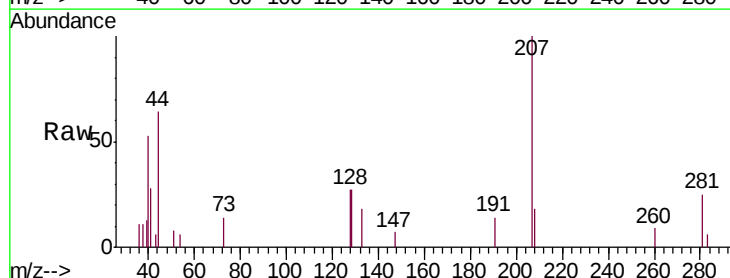
Tgt Ion: 128 Resp: 903

Ion Ratio Lower Upper

128 100

127 8.1 10.4 15.6#

129 2.9 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

