

Data File : VW004851.D
Acq On : 21 Aug 2018 19:28
Operator : SY/AP
Sample : J4555-01
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-01-3.5-4.0

Quant Time: Aug 22 05:20:27 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	583119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	973417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	859707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	334097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	310971	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.88	113	316757	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	10.33	98	1124638	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
62) 4-Bromofluorobenzene	12.62	95	331190	37.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.82%	

Target Compounds

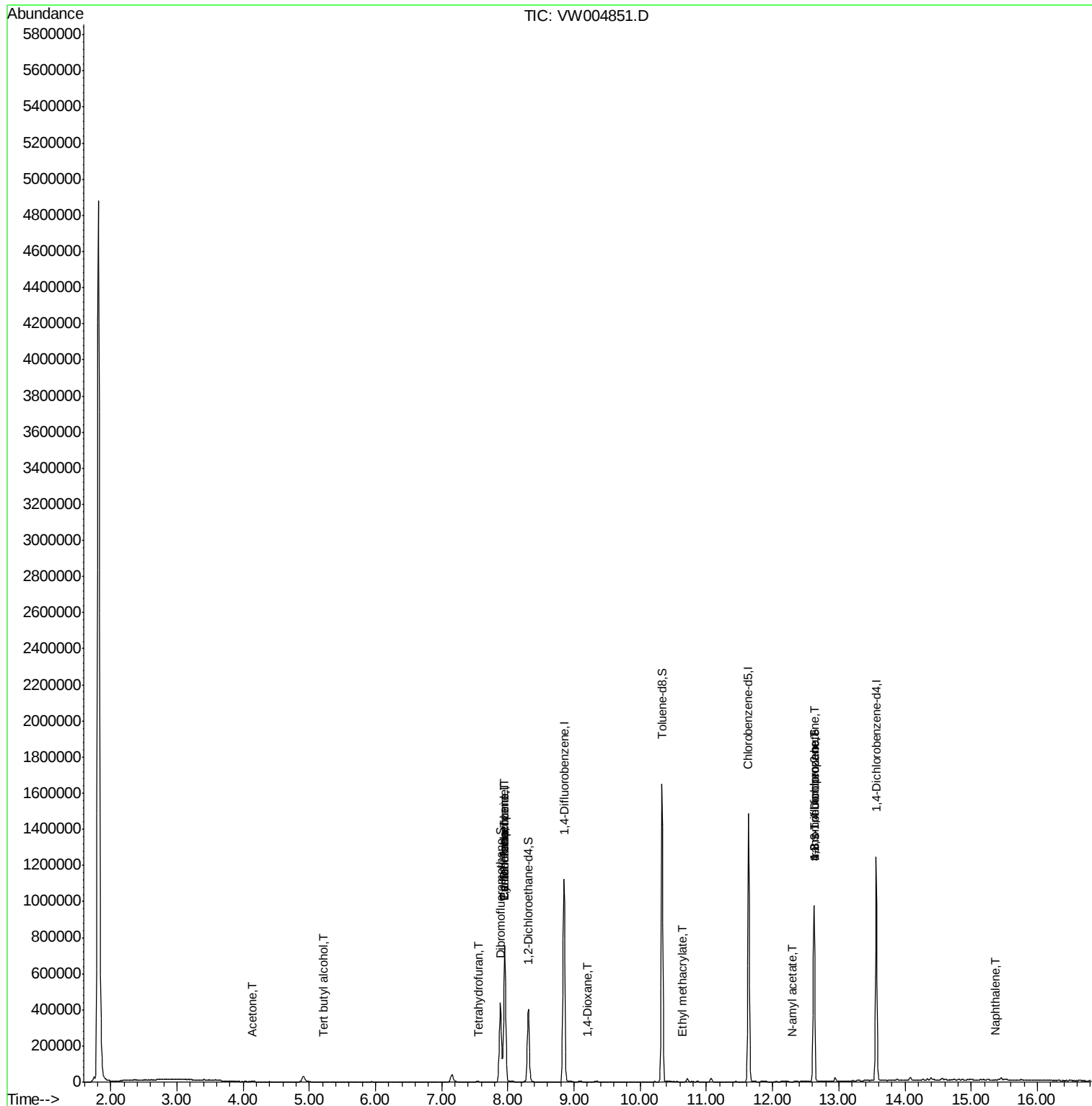
						Qvalue
11) Tert butyl alcohol	5.21	59	478	1.518	ug/l #	72
16) Acetone	4.14	43	2881	2.002	ug/l #	68
20) Methylene Chloride	4.90	84	24389	Below Cal		95
29) Tetrahydrofuran	7.54	42	1795	1.717	ug/l #	57
31) Cyclohexane	7.95	56	11476	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	42239	4.212	ug/l #	48
38) Carbon Tetrachloride	7.95	117	53344	5.779	ug/l #	17
49) 1,4-Dioxane	9.21	88	52	1.008	ug/l #	1
56) Ethyl methacrylate	10.63	69	92	2.993	ug/l #	21
74) N-amyl acetate	12.30	43	155	4.046	ug/l #	4
76) 1,2,3-Trichloropropane	12.62	75	156561	53.159	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	156561	123.556	ug/l #	14
95) Naphthalene	15.38	128	1109	3.583	ug/l #	75

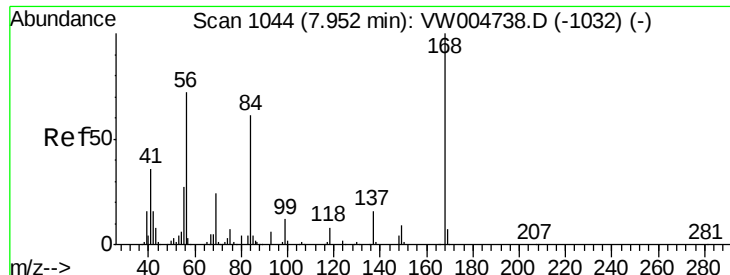
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

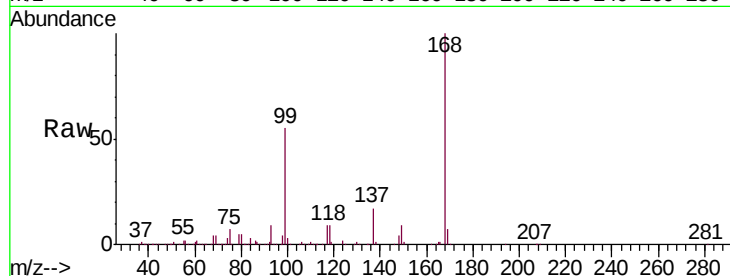
SB-01-3.5-4.0

Tgt Ion:168 Resp: 583119

Ion Ratio Lower Upper

168 100

99 54.5 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

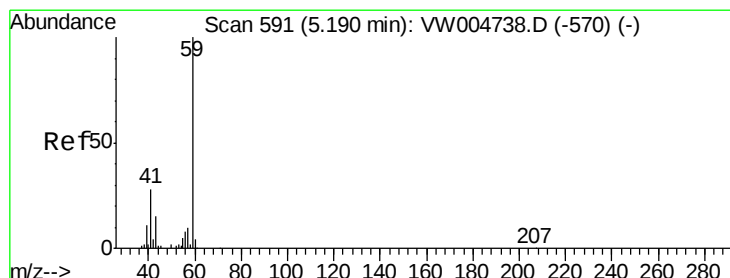
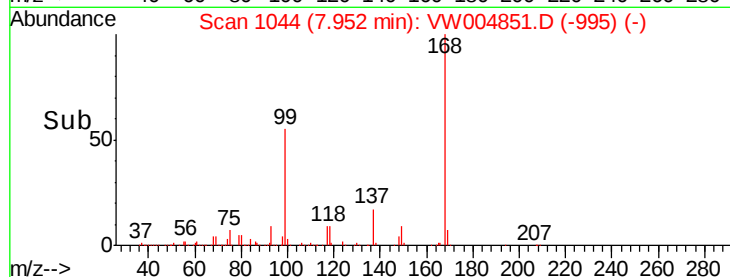
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.518 ug/l

RT: 5.21 min Scan# 594

Delta R.T. 0.02 min

Lab File: VW004851.D

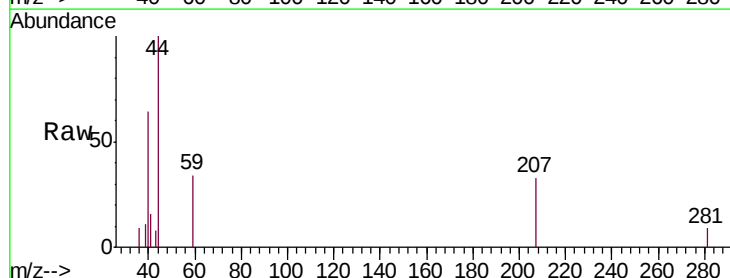
Acq: 21 Aug 2018 19:28

Tgt Ion: 59 Resp: 478

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

250

200

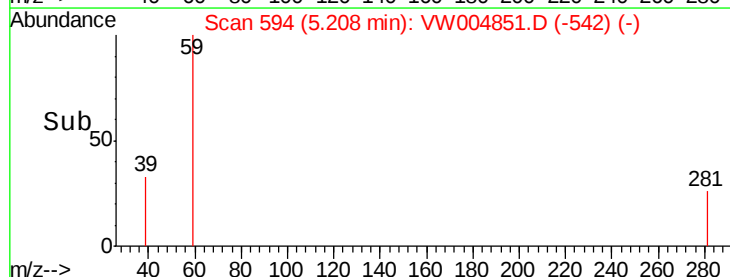
150

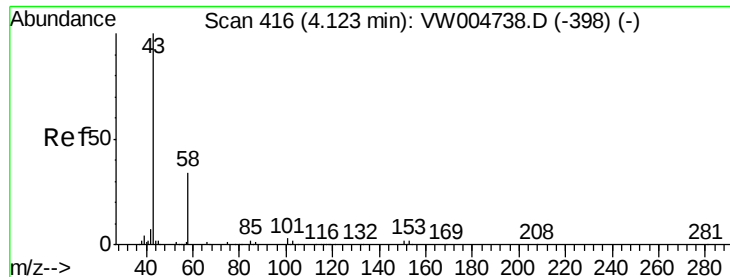
100

50

0

Time--> 5.15 5.20





#16

Acetone

Concen: 2.002 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

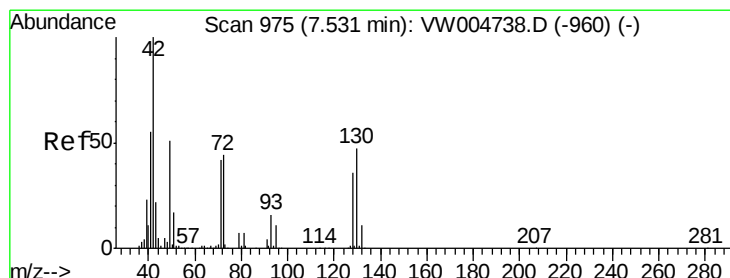
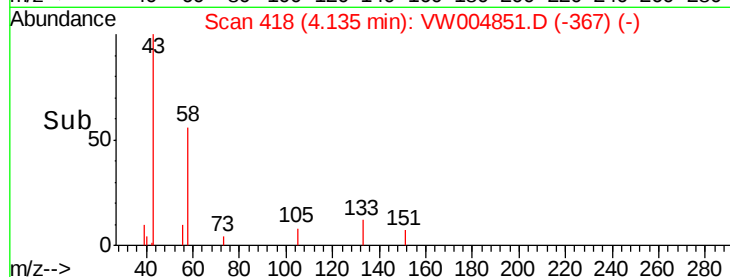
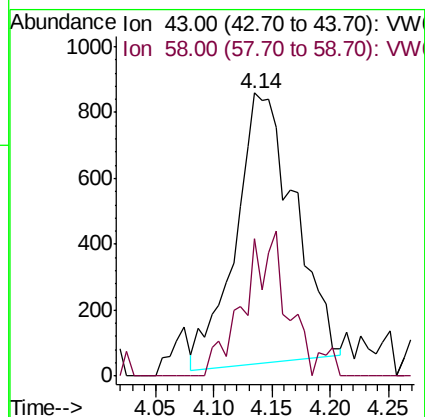
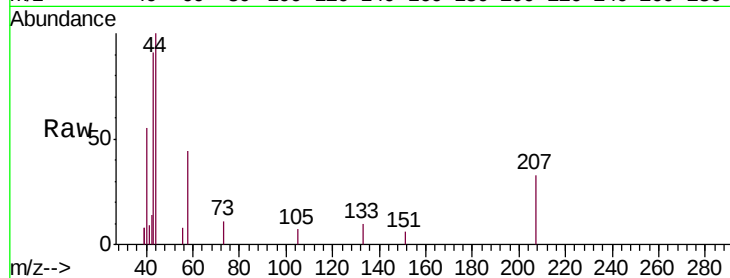
SB-01-3.5-4.0

Tgt Ion: 43 Resp: 2881

Ion Ratio Lower Upper

43 100

58 52.5 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.717 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

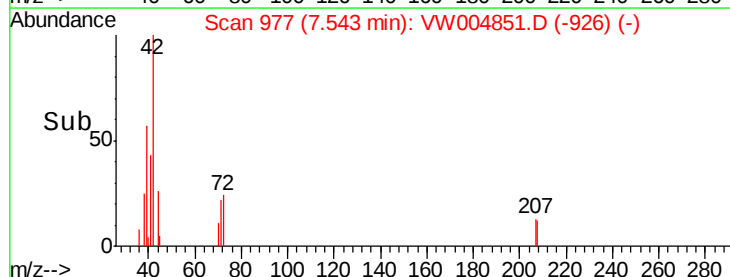
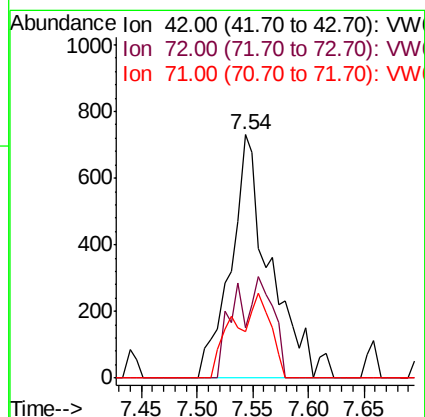
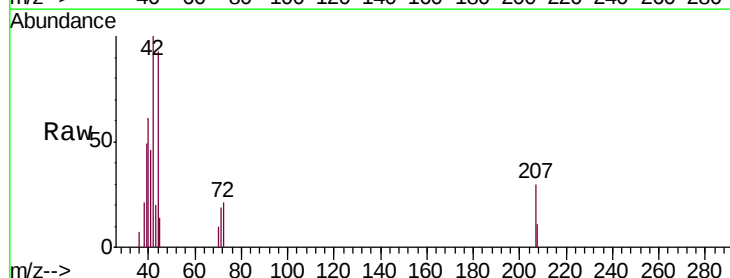
Tgt Ion: 42 Resp: 1795

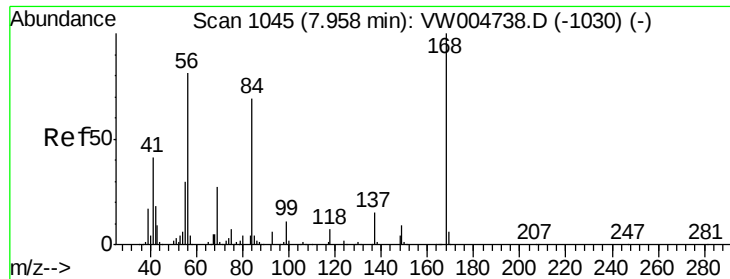
Ion Ratio Lower Upper

42 100

72 16.4 34.9 52.3#

71 14.4 33.8 50.6#

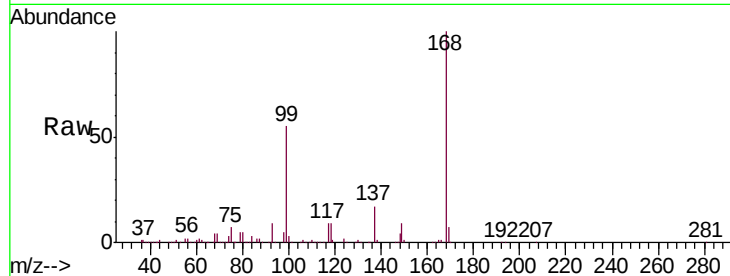




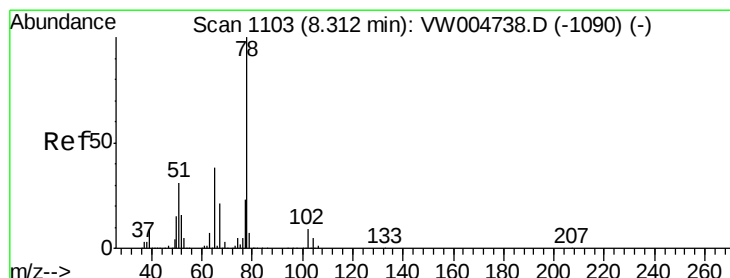
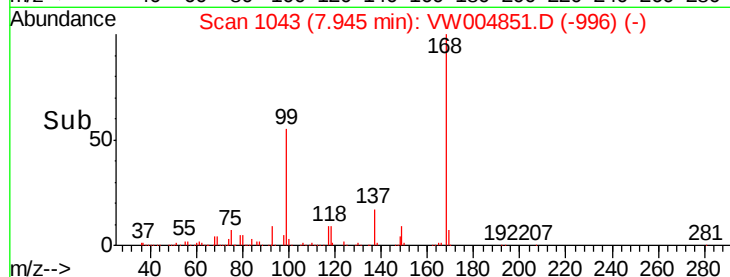
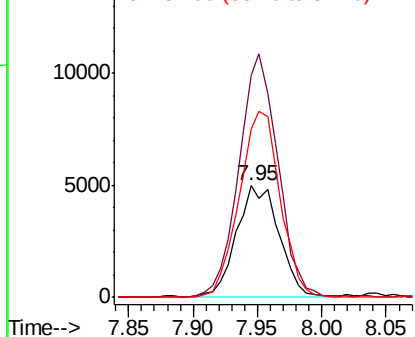
#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

Instrument :
MSVOA_W
ClientSampleId :
SB-01-3.5-4.0

Tgt Ion: 56 Resp: 11476
Ion Ratio Lower Upper
56 100
69 200.0 27.1 40.7#
84 151.0 68.3 102.5#

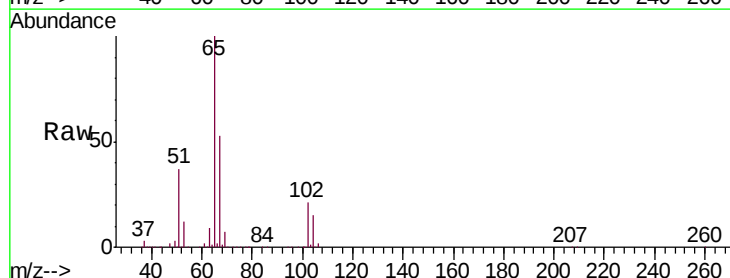


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

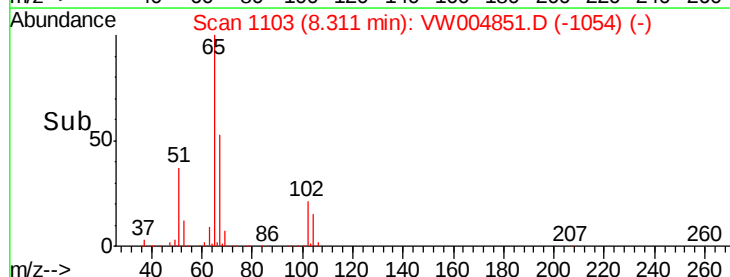
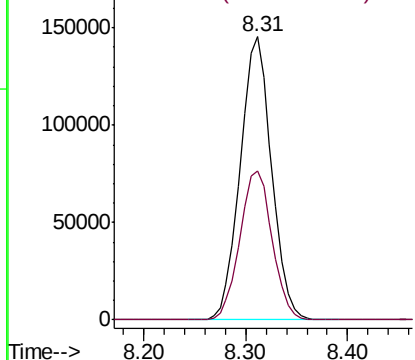


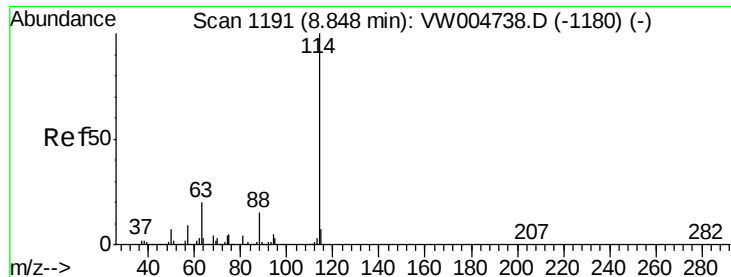
#33
1,2-Dichloroethane-d4
Concen: 55.160 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

Tgt Ion: 65 Resp: 310971
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

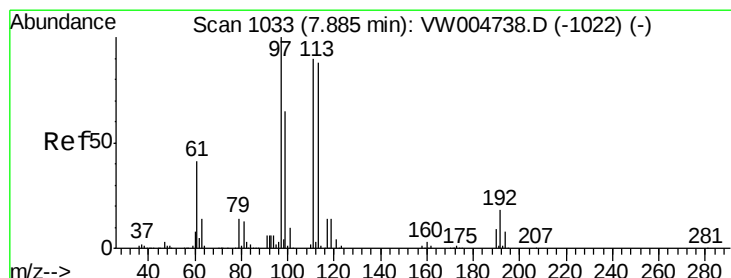
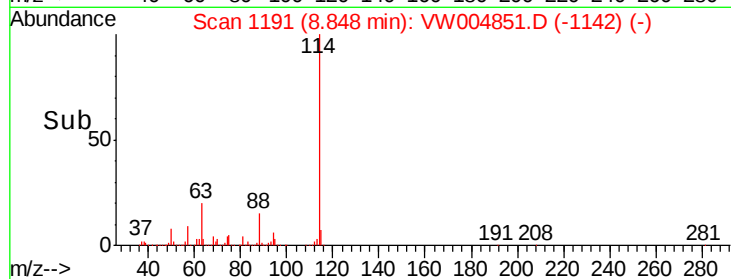
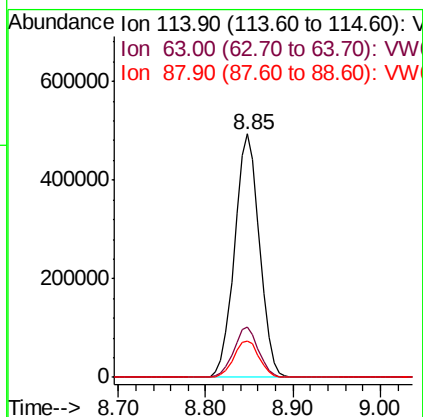
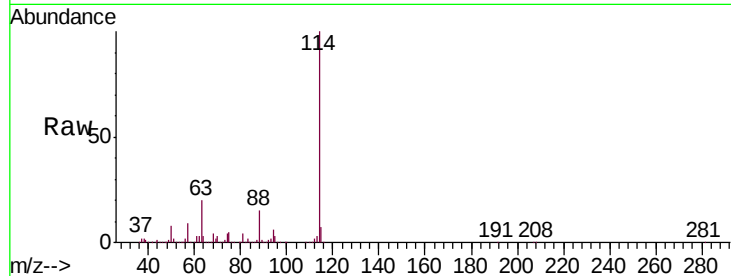




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004851.D
 Acq: 21 Aug 2018 19:28

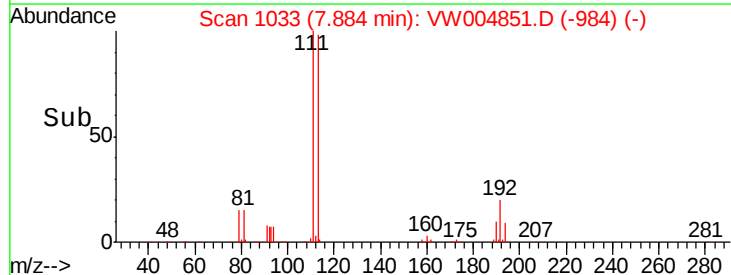
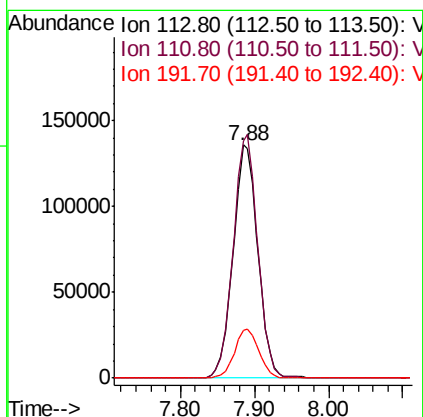
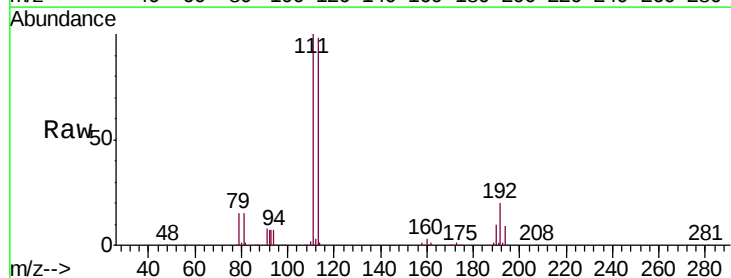
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-3.5-4.0

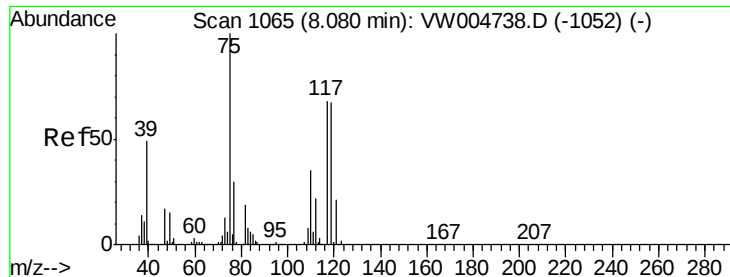
Tgt Ion:114 Resp: 973417
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.0
 88 15.1 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 50.914 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004851.D
 Acq: 21 Aug 2018 19:28

Tgt Ion:113 Resp: 316757
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 20.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.212 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

SB-01-3.5-4.0

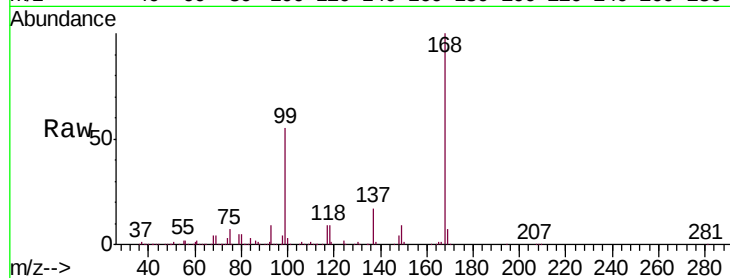
Tgt Ion: 75 Resp: 42239

Ion Ratio Lower Upper

75 100

110 7.8 17.8 53.5#

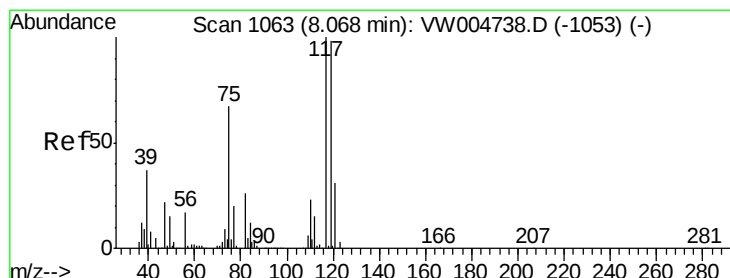
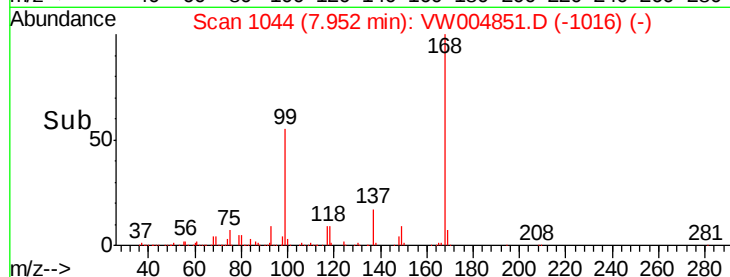
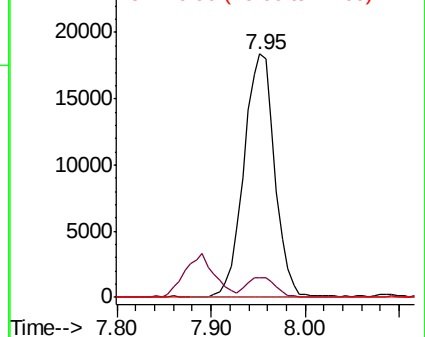
77 0.1 24.9 37.3#



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: 5.779 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

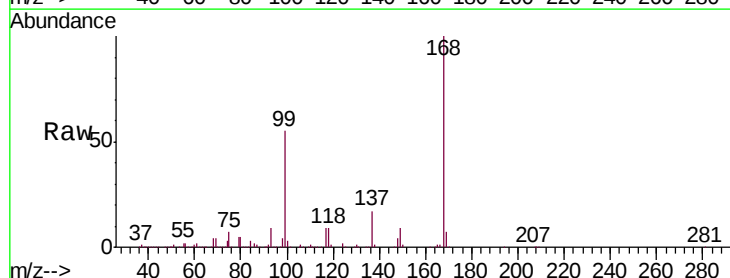
Tgt Ion: 117 Resp: 53344

Ion Ratio Lower Upper

117 100

119 7.1 78.0 117.0#

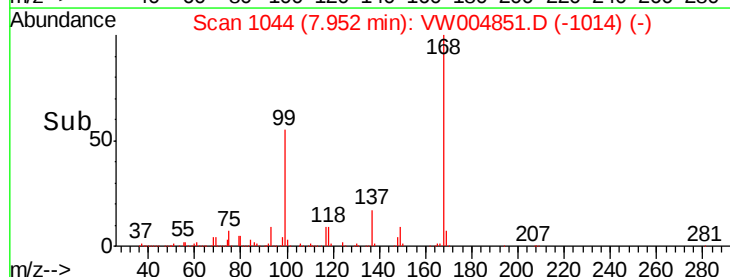
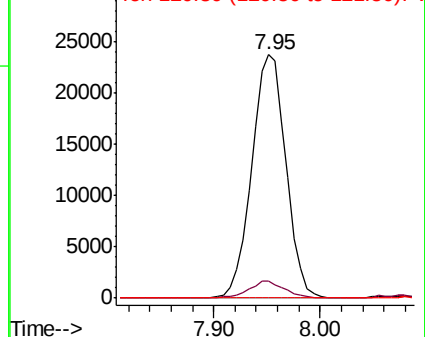
121 0.0 24.8 37.2#

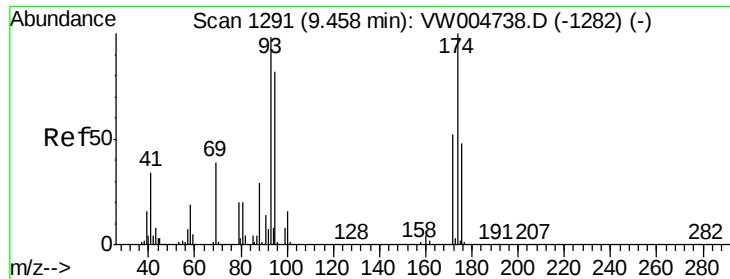


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

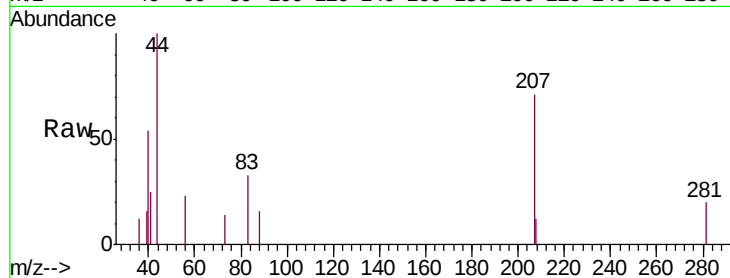




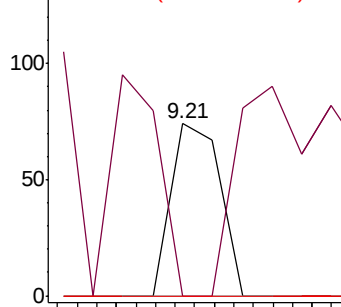
#49
1,4-Dioxane
Concen: 1.008 ug/l
RT: 9.21 min Scan# 1251
Delta R.T. -0.24 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

Instrument :
MSVOA_W
ClientSampled :
SB-01-3.5-4.0

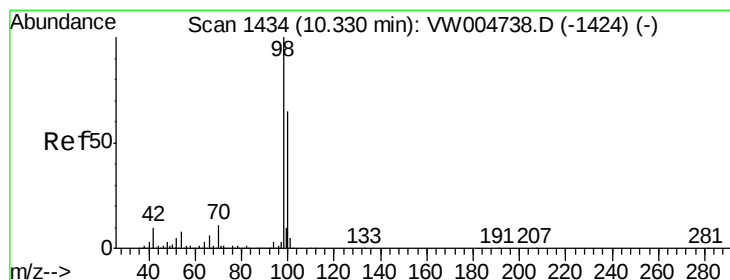
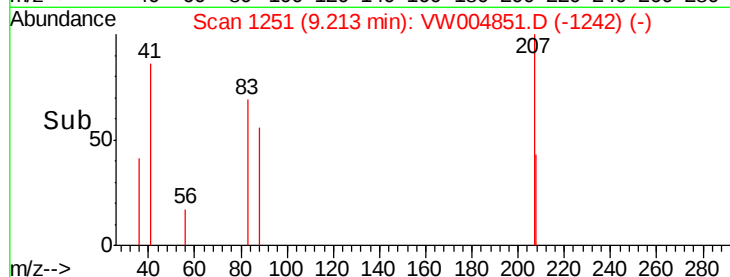
Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 123.1 22.9 34.3#
58 0.0 60.0 90.0#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

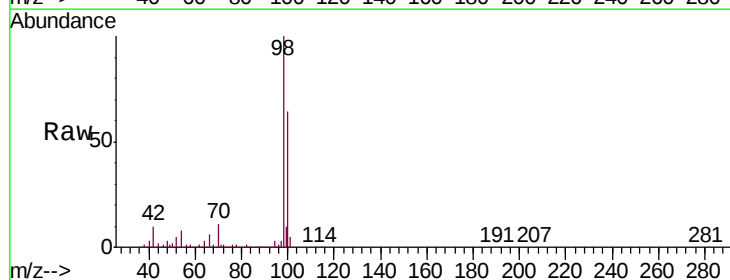


Time-->

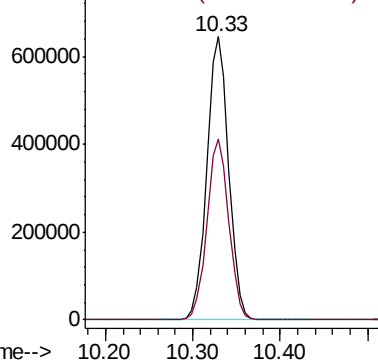


#50
Toluene-d8
Concen: 46.308 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

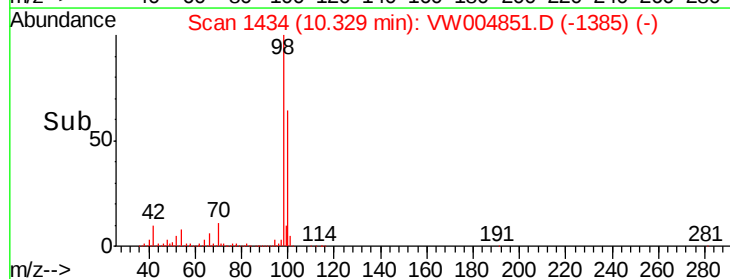
Tgt Ion: 98 Resp: 1124638
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8

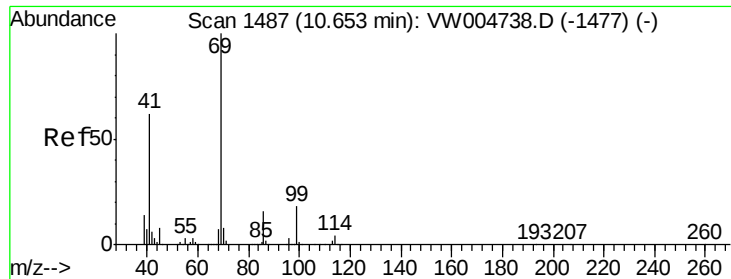


Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW



Time-->





#56

Ethyl methacrylate

Concen: 2.993 ug/l

RT: 10.63 min Scan# 1483

Delta R.T. -0.02 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

SB-01-3.5-4.0

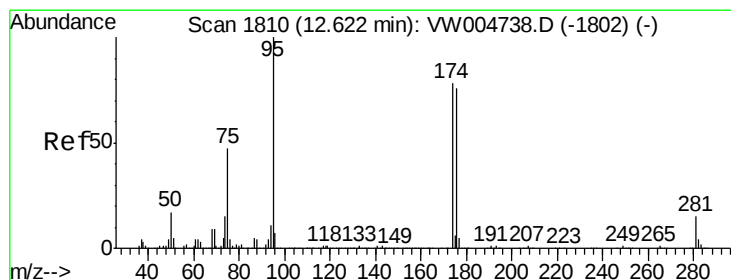
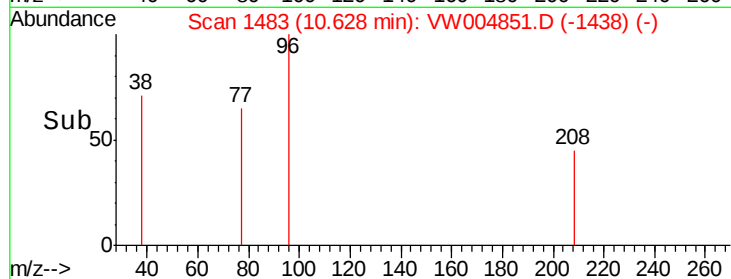
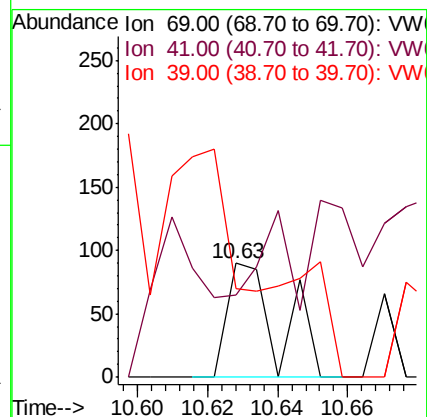
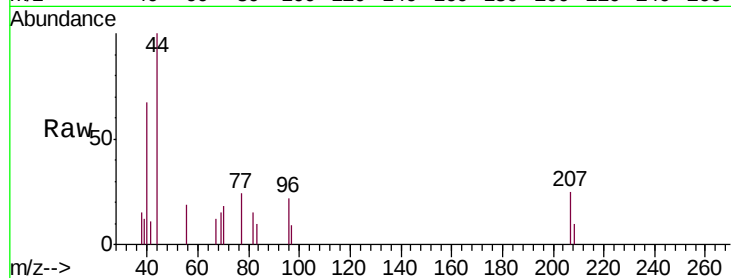
Tgt Ion: 69 Resp: 92

Ion Ratio Lower Upper

69 100

41 133.7 50.7 76.1#

39 0.0 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 37.906 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

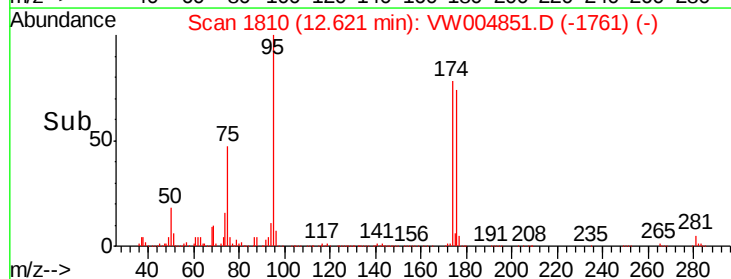
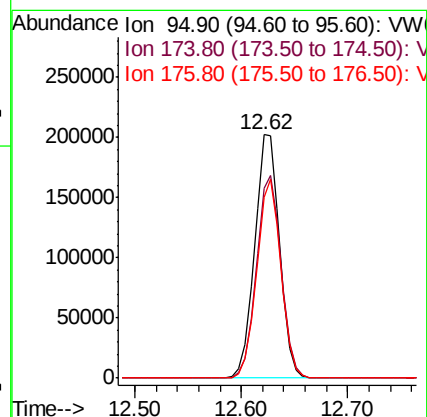
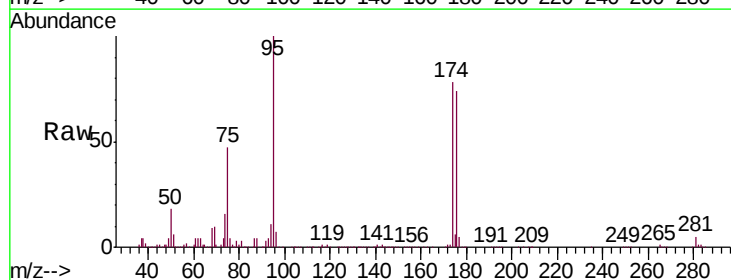
Tgt Ion: 95 Resp: 331190

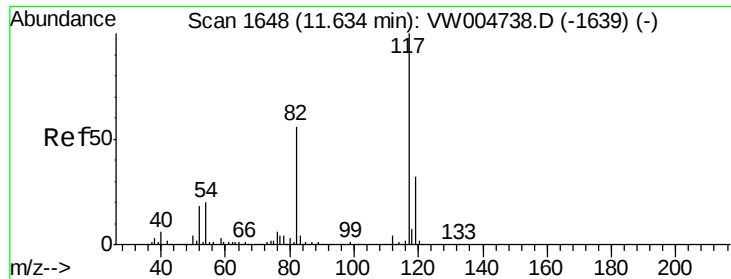
Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.8

176 79.2 0.0 159.8

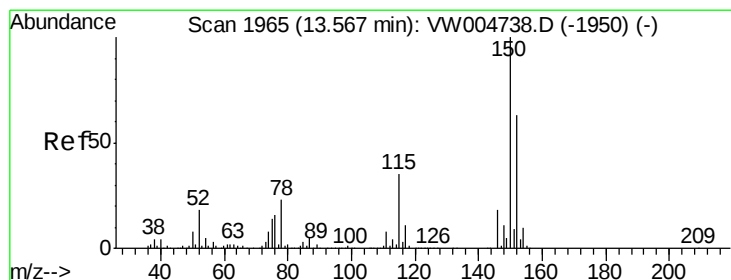
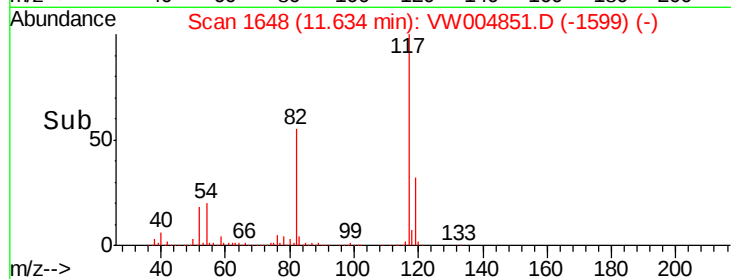
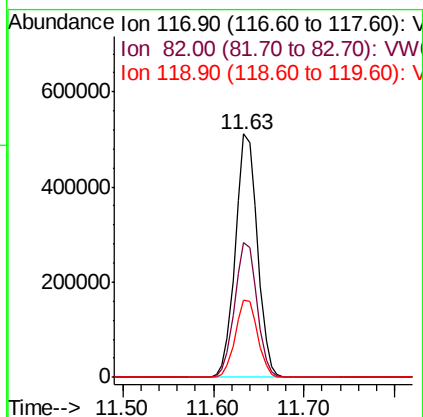
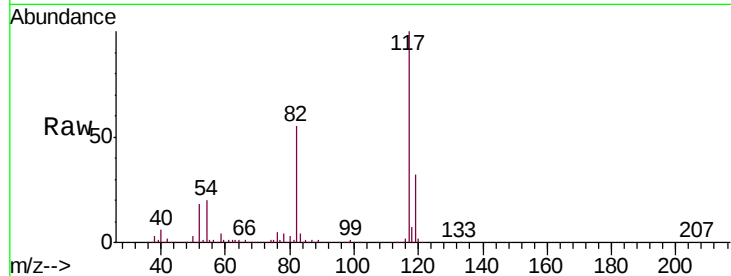




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

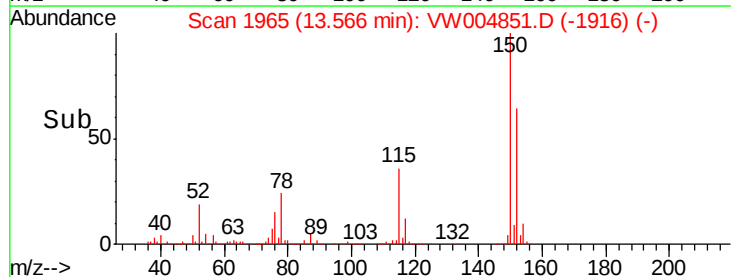
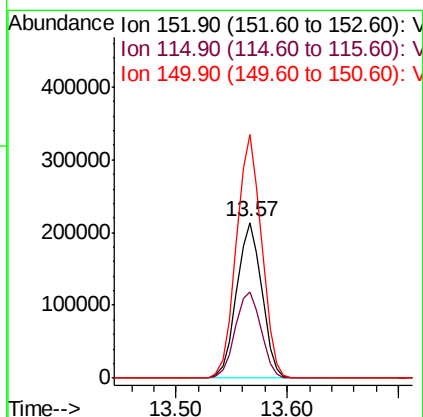
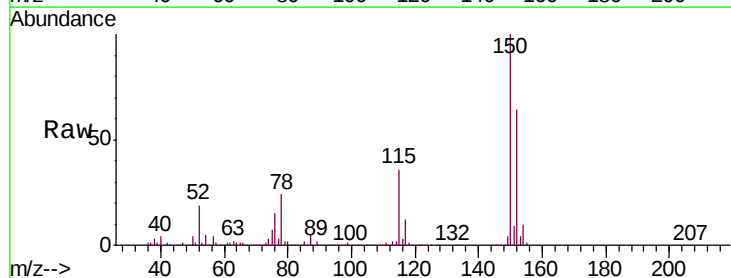
Instrument :
MSVOA_W
ClientSampleId :
SB-01-3.5-4.0

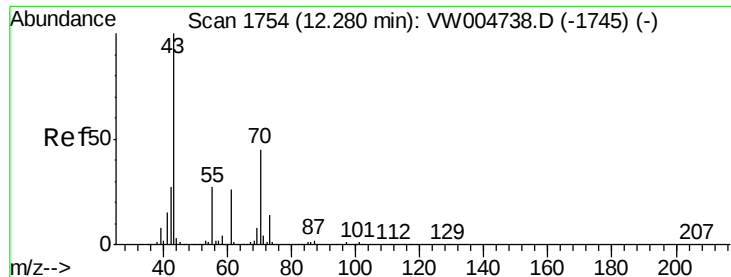
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	67.0
119	31.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004851.D
Acq: 21 Aug 2018 19:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	156.5	0.0	344.8





#74

N-ethyl acetate

Concen: 4.046 ug/l

RT: 12.30 min Scan# 1757

Delta R.T. 0.02 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampled :

SB-01-3.5-4.0

Tgt Ion: 43 Resp: 155

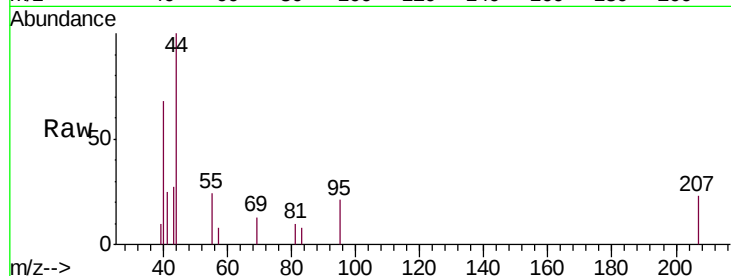
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 123.9 22.6 33.8#

61 0.0 20.2 30.4#

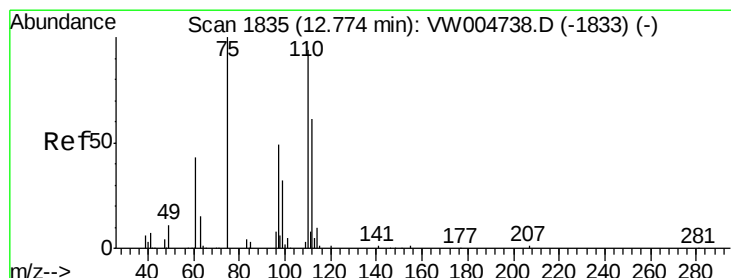
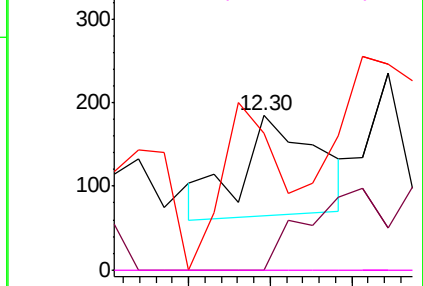
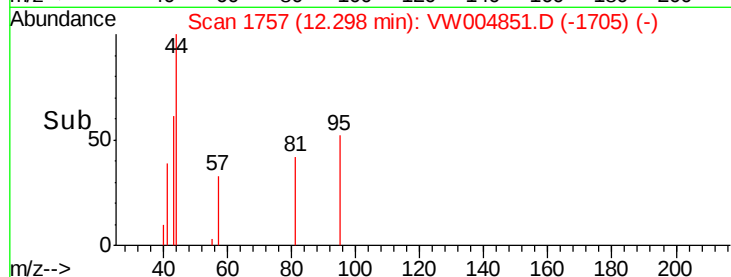


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 53.159 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004851.D

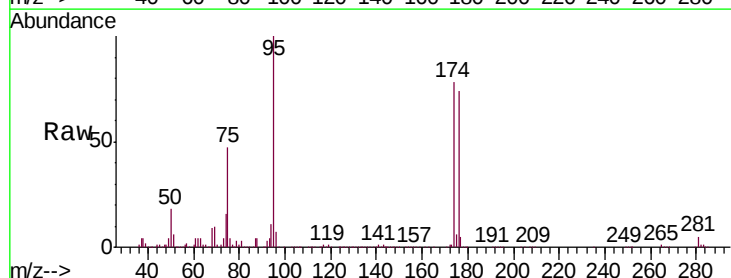
Acq: 21 Aug 2018 19:28

Tgt Ion: 75 Resp: 156561

Ion Ratio Lower Upper

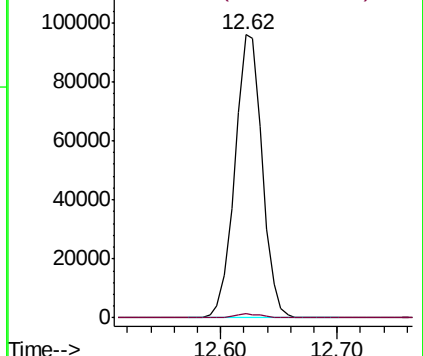
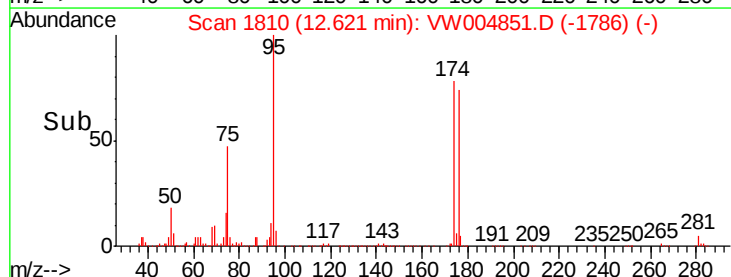
75 100

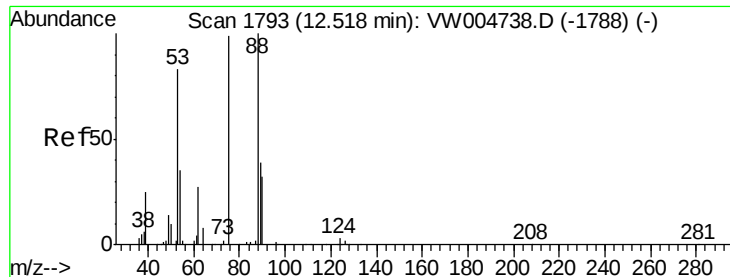
77 1.6 0.0 0.0#



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: 123.556 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

Instrument :

MSVOA_W

ClientSampleId :

SB-01-3.5-4.0

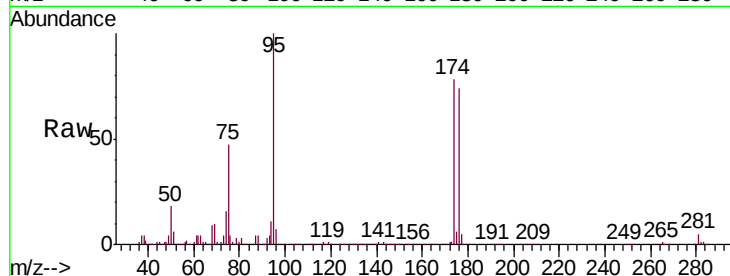
Tgt Ion: 75 Resp: 156561

Ion Ratio Lower Upper

75 100

53 0.4 72.2 108.4#

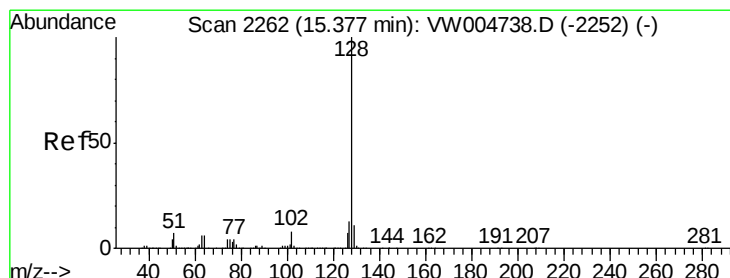
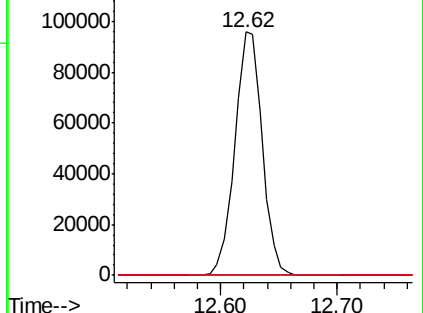
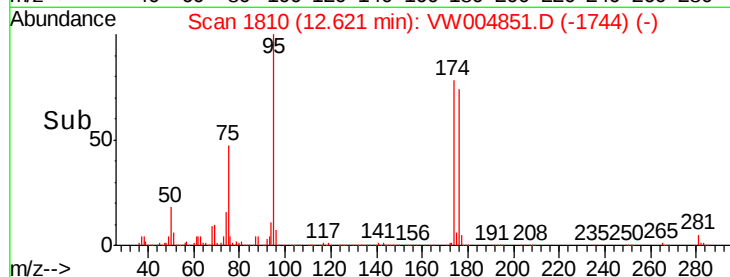
89 0.1 35.2 52.8#



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: 3.583 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004851.D

Acq: 21 Aug 2018 19:28

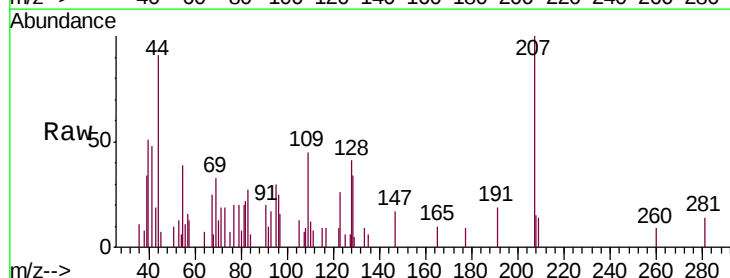
Tgt Ion: 128 Resp: 1109

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 16.9 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

