

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003631.D
 Acq On : 28 Jun 2018 11:54
 Operator : SY/AP
 Sample : VW0628SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:42:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	303149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147421	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	123270	56.66	ug/l	0.00
Spiked Amount			Recovery	=	113.32%	
35) Dibromofluoromethane	7.88	113	107549	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
50) Toluene-d8	10.33	98	409111	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.63	95	136802	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	

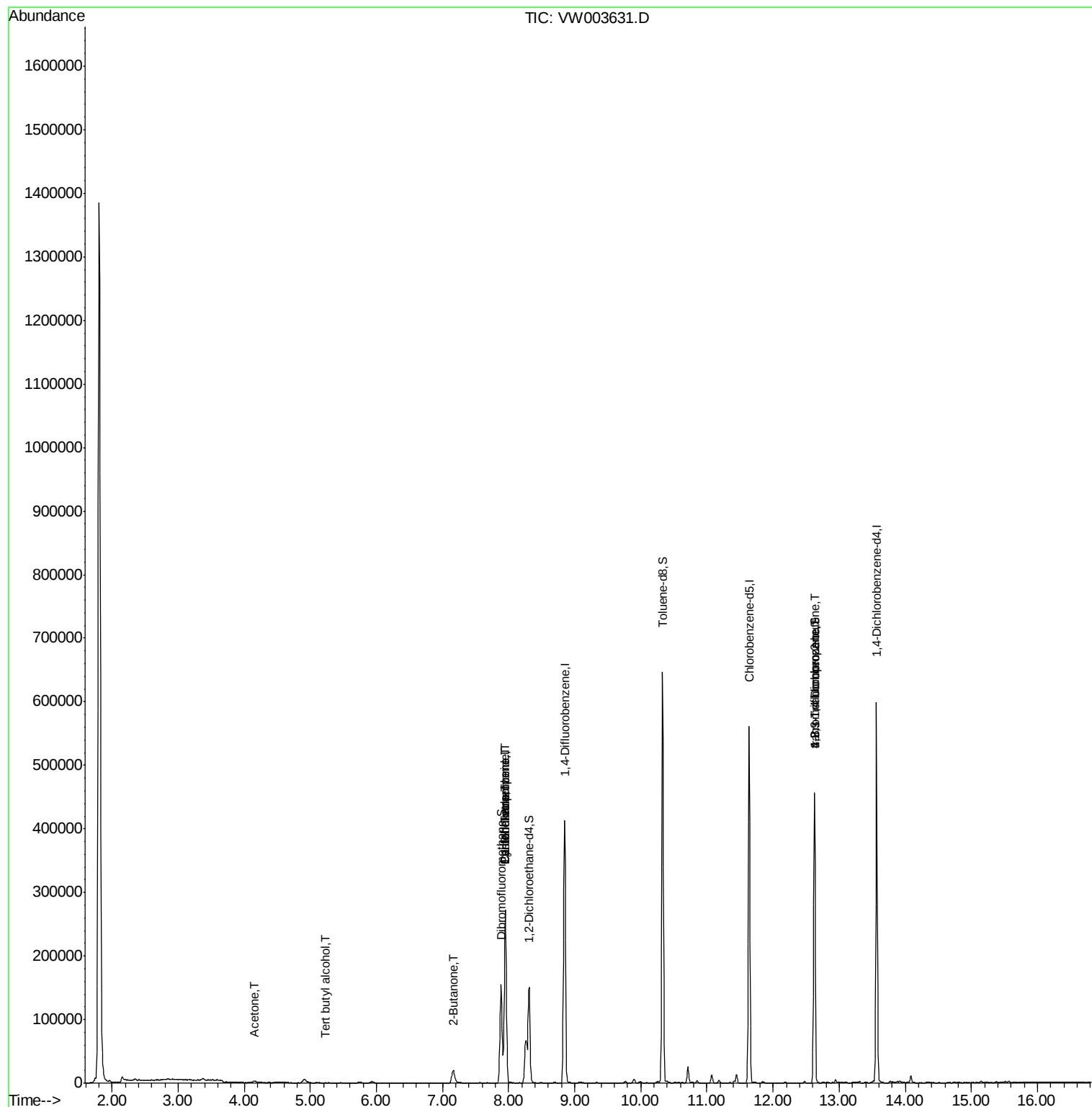
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	318	2.725	ug/l #	84
16) Acetone	4.15	43	6069	13.300	ug/l	92
20) Methylene Chloride	4.92	84	4038	Below Cal		90
25) 2-Butanone	7.17	43	1626	2.866	ug/l #	76
31) Cyclohexane	7.95	56	5211	1.482	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	16636	5.175	ug/l #	50
38) Carbon Tetrachloride	7.95	117	20039	6.355	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	74831	59.377	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	74831	136.629	ug/l #	9

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

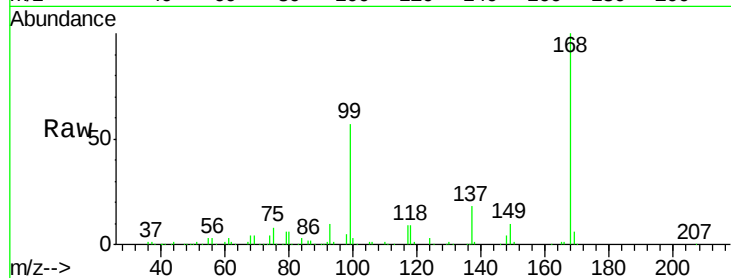
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 200870

Ion Ratio Lower Upper

168 100

99 57.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

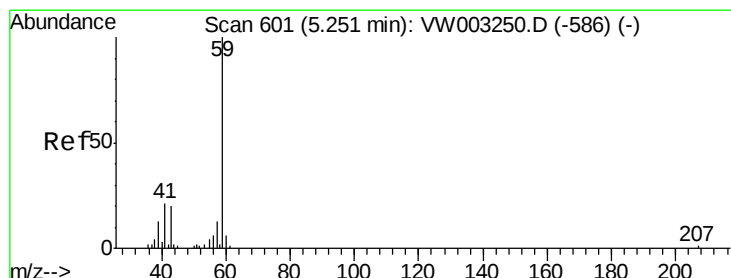
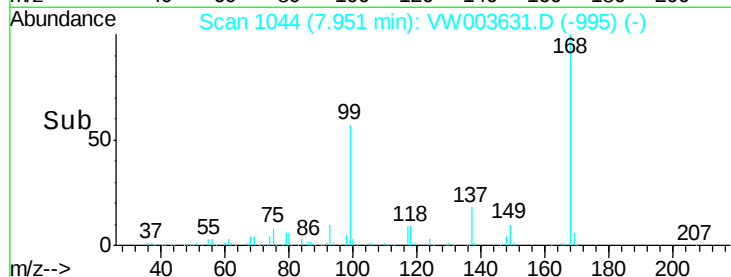
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.725 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003631.D

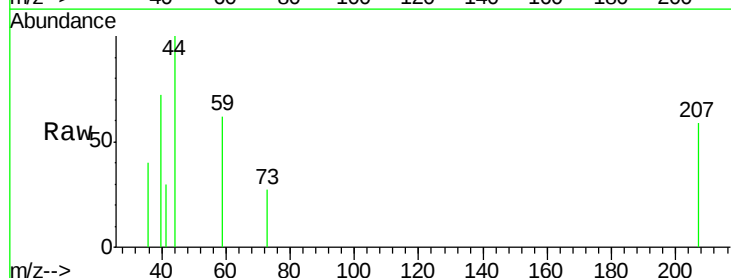
Acq: 28 Jun 2018 11:54

Tgt Ion: 59 Resp: 318

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.23

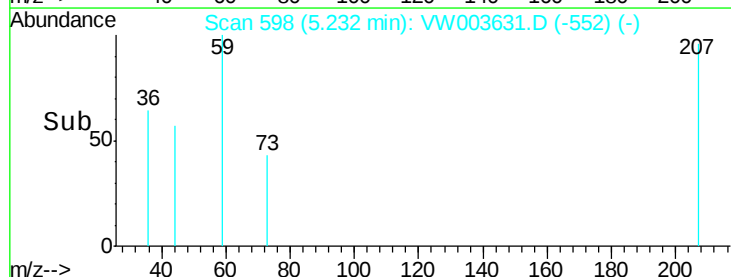
150

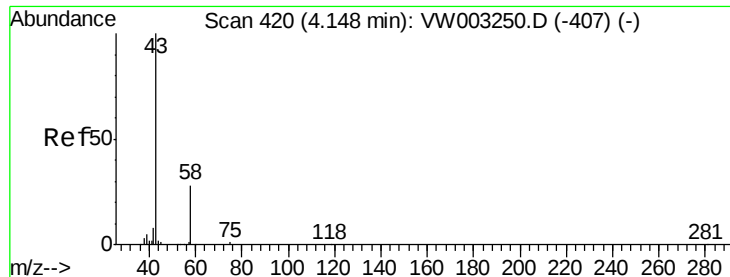
100

50

0

Time-->





#16

Acetone

Concen: 13.300 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

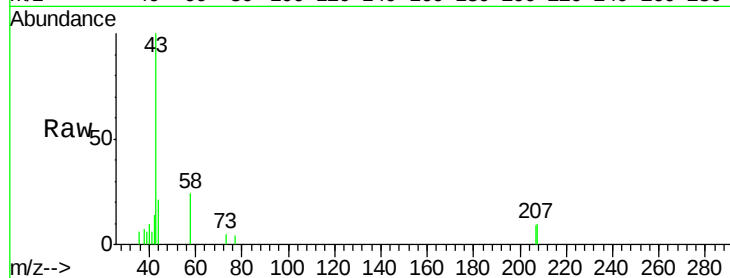
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 6069

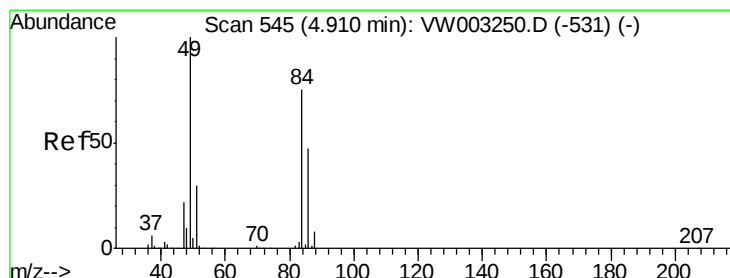
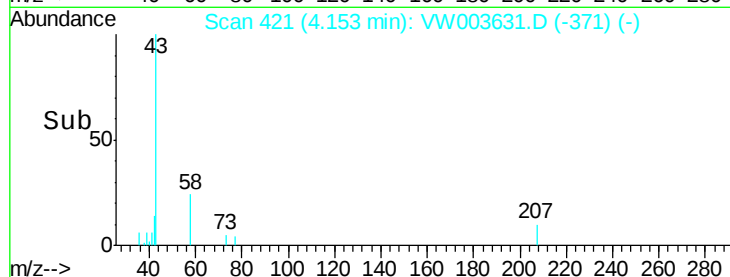
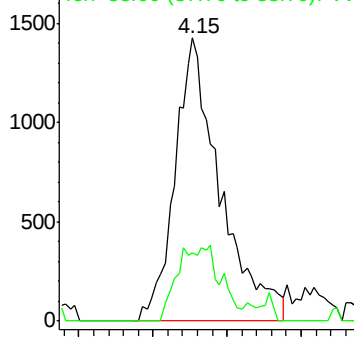
Ion Ratio Lower Upper

43 100

58 24.1 22.6 34.0



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



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

Tgt Ion: 84 Resp: 4038

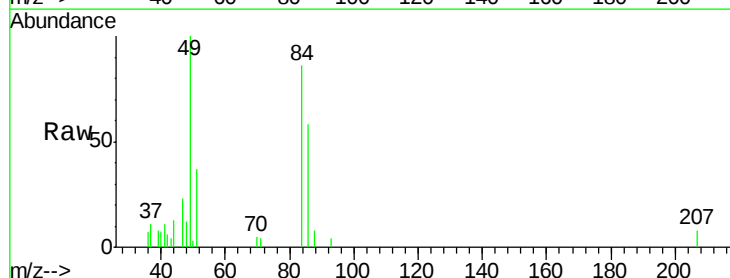
Ion Ratio Lower Upper

84 100

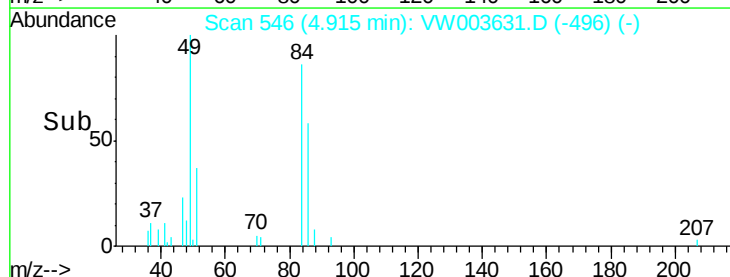
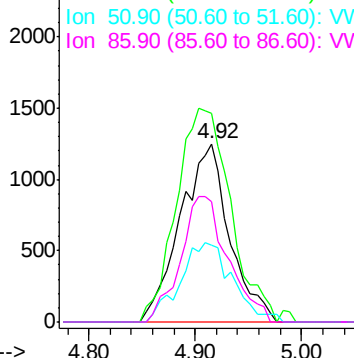
49 116.9 106.3 159.5

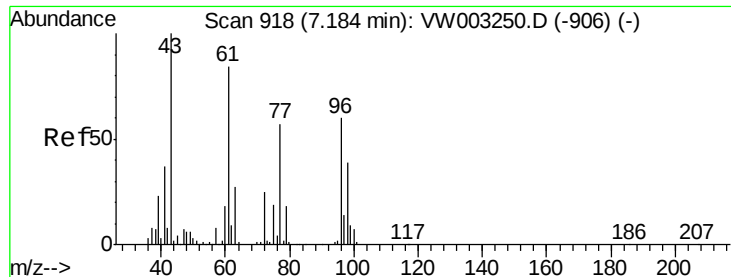
51 42.8 32.0 48.0

86 67.5 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 2.866 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

Instrument :

MSVOA_W

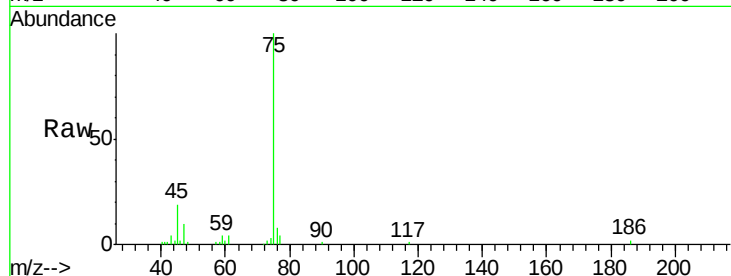
ClientSampleId :

Tot Ion: 43 Resp: 1626

Ion Ratio Lower Upper

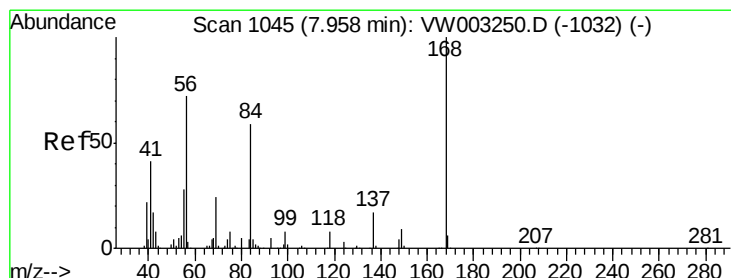
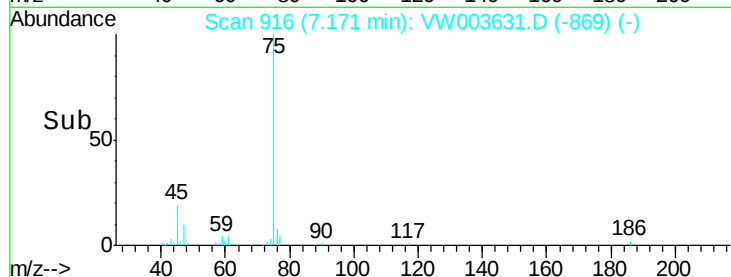
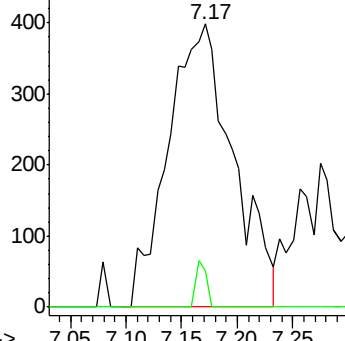
43 100

72 13.1 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.482 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

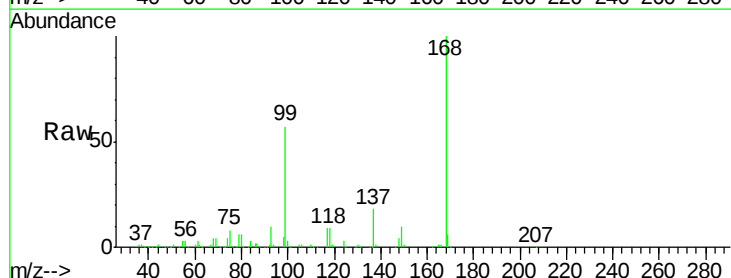
Tgt Ion: 56 Resp: 5211

Ion Ratio Lower Upper

56 100

69 140.2 26.3 39.5#

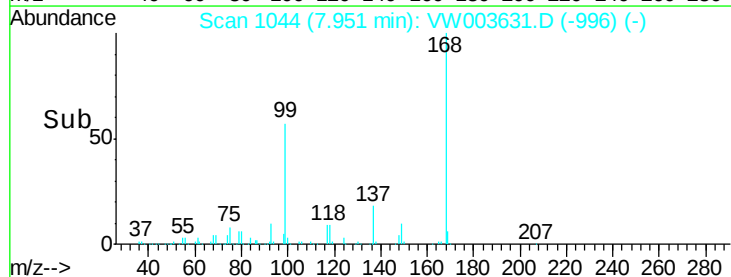
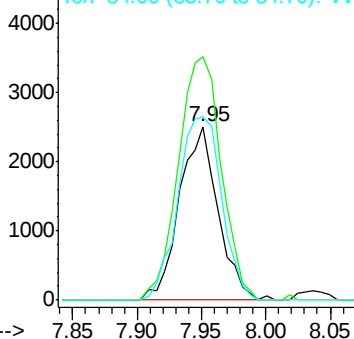
84 105.8 65.7 98.5#

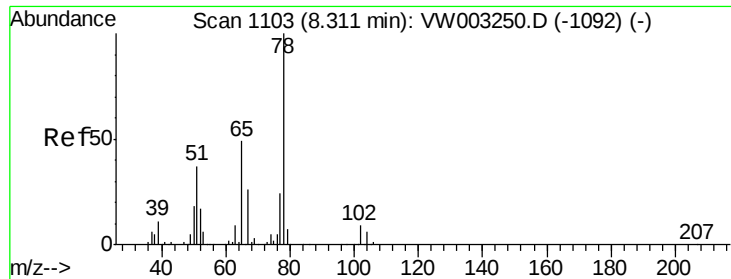


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 56.657 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

Instrument :

MSVOA_W

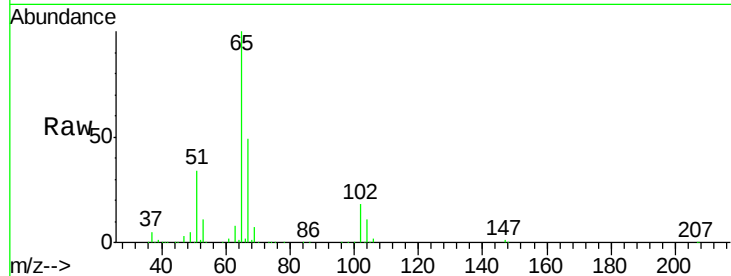
ClientSampleId :

Tot Ion: 65 Resp: 123270

Ion Ratio Lower Upper

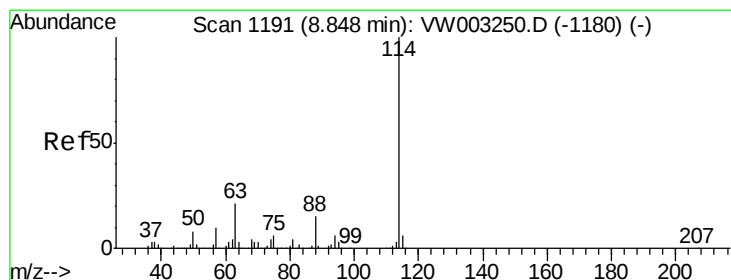
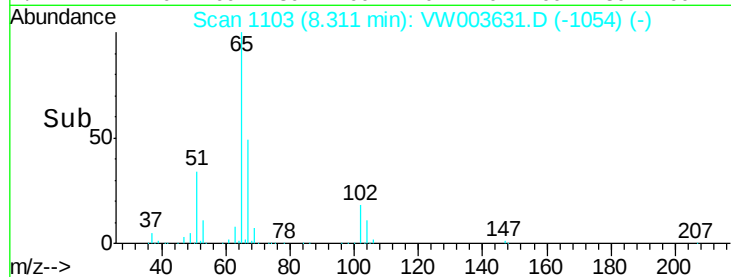
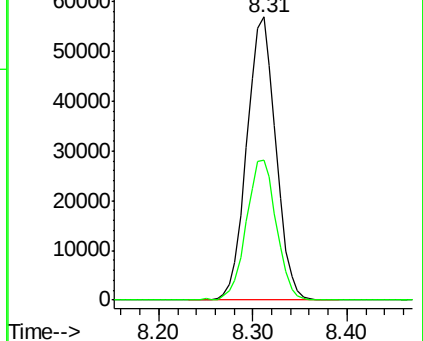
65 100

67 51.0 0.0 104.2



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: VW003631.D

Acq: 28 Jun 2018 11:54

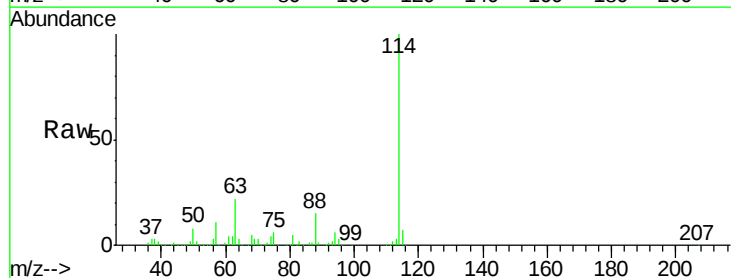
Tgt Ion: 114 Resp: 332887

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

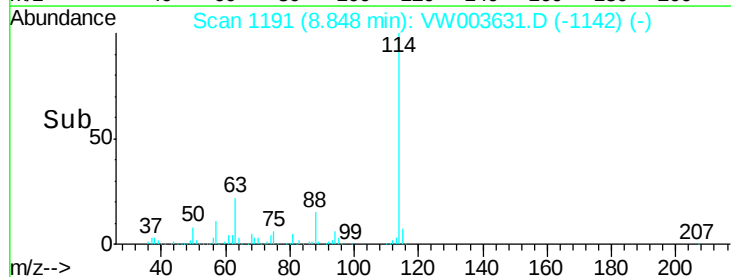
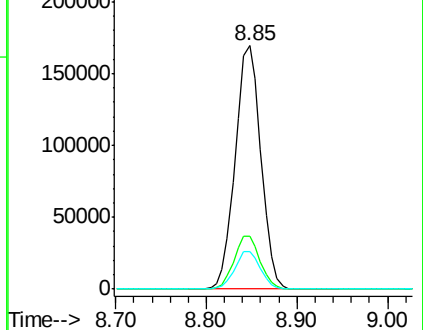
88 15.4 0.0 29.6

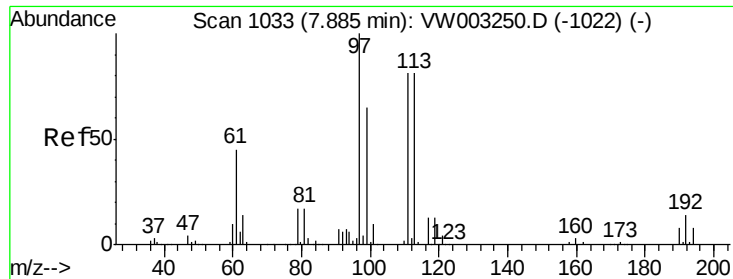


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

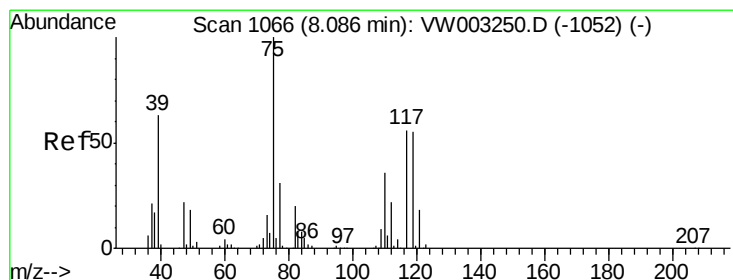
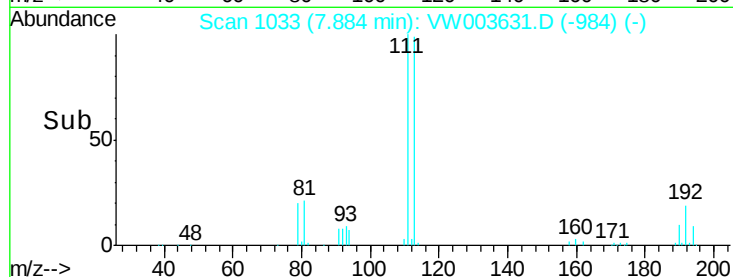
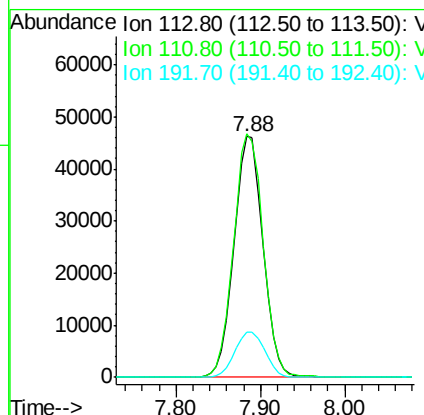
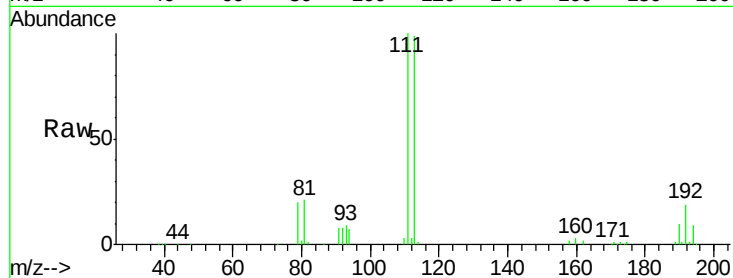




#35
Dibromofluoromethane
Concen: 51.995 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003631.D
Acq: 28 Jun 2018 11:54

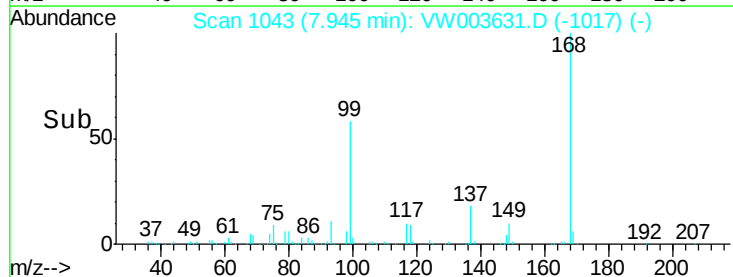
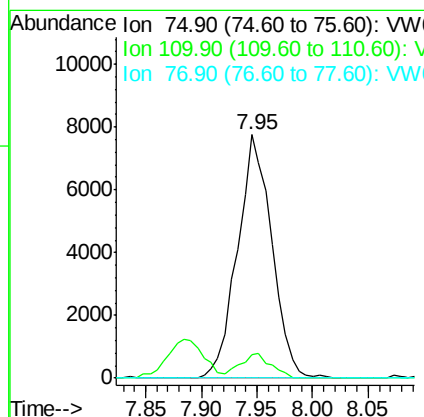
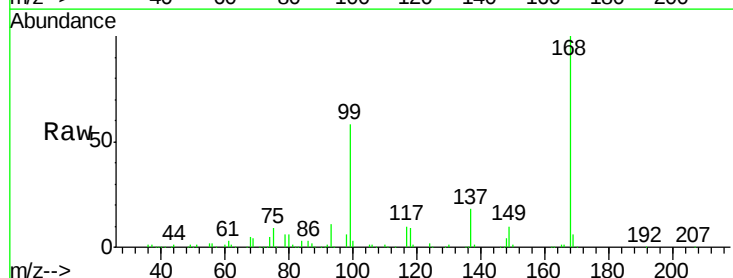
Instrument :
MSVOA_W
ClientSampleId :

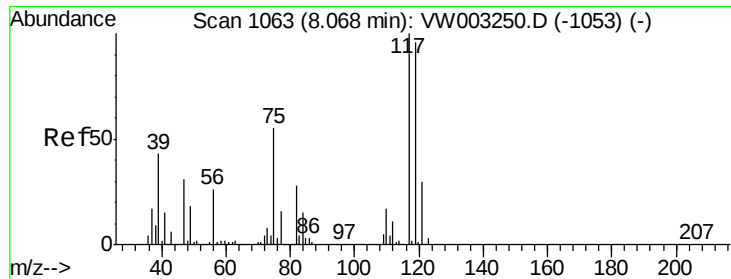
Tot Ion:113 Resp: 107549
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.6 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.14 min
Lab File: VW003631.D
Acq: 28 Jun 2018 11:54

Tgt Ion: 75 Resp: 16636
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.3#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.355 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

Instrument :
MSVOA_W
ClientSampled :

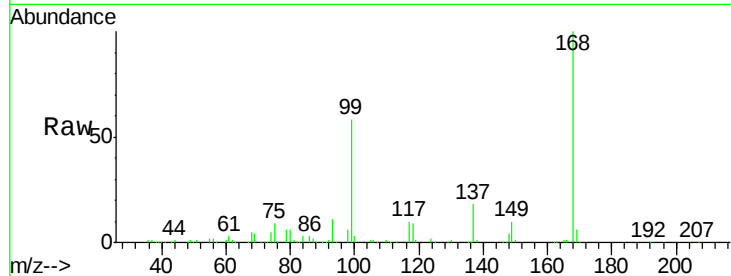
Tot Ion:117 Resp: 20039

Ion Ratio Lower Upper

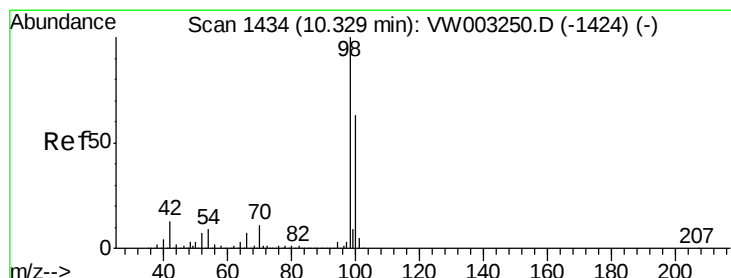
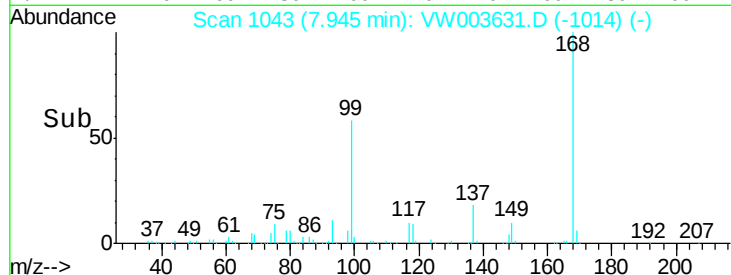
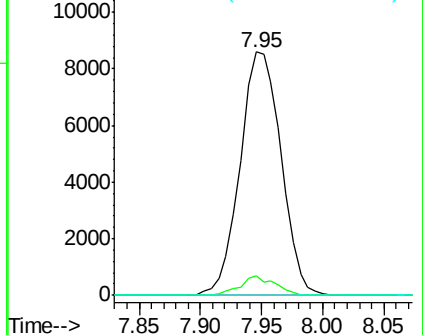
117 100

119 7.8 76.6 115.0#

121 0.0 23.9 35.9#



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: 49.880 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003631.D

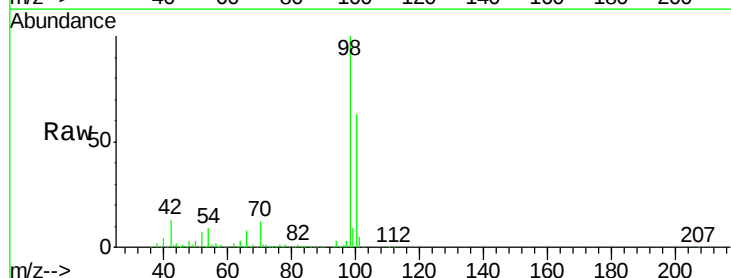
Acq: 28 Jun 2018 11:54

Tgt Ion: 98 Resp: 409111

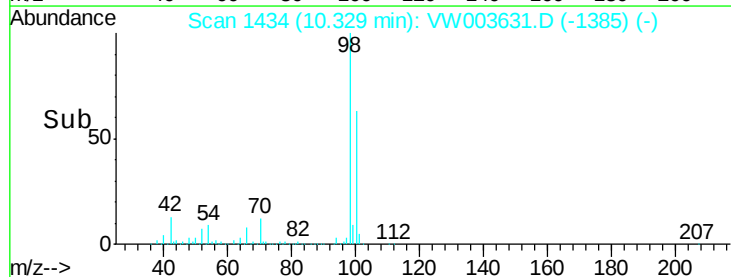
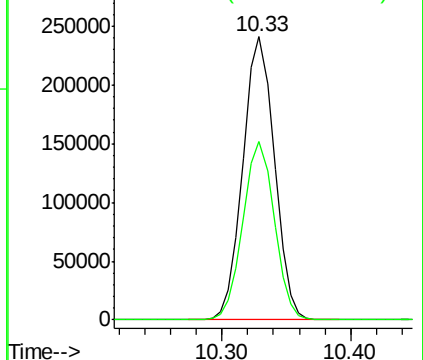
Ion Ratio Lower Upper

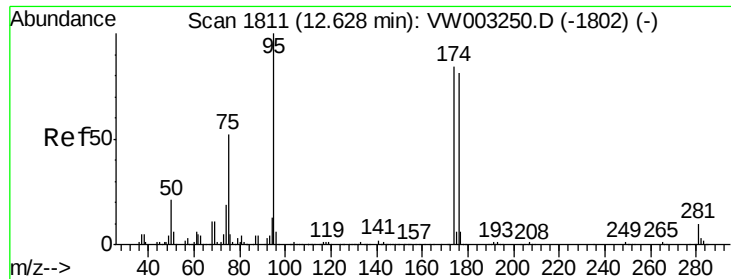
98 100

100 62.7 50.8 76.2



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

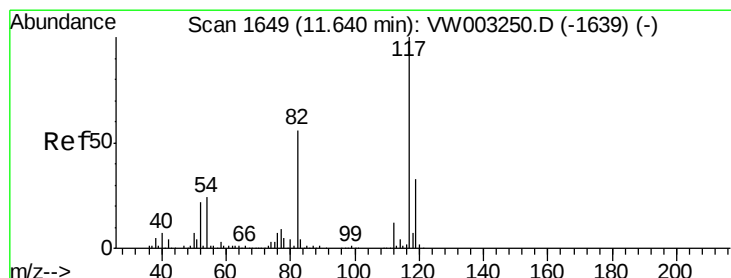
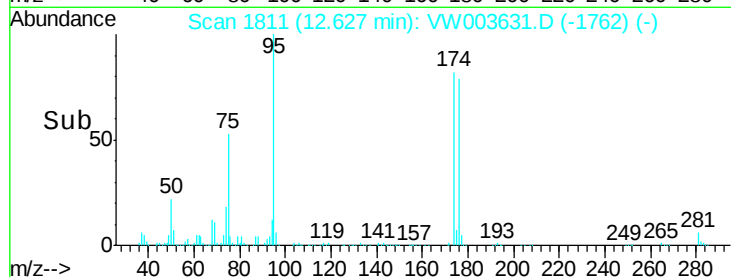
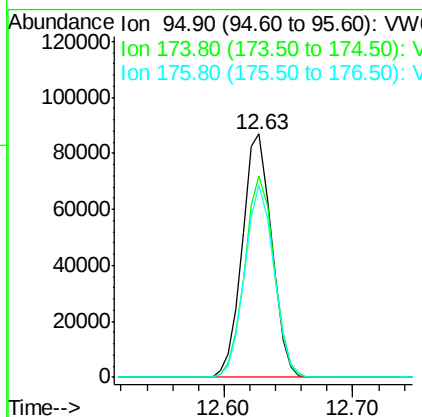
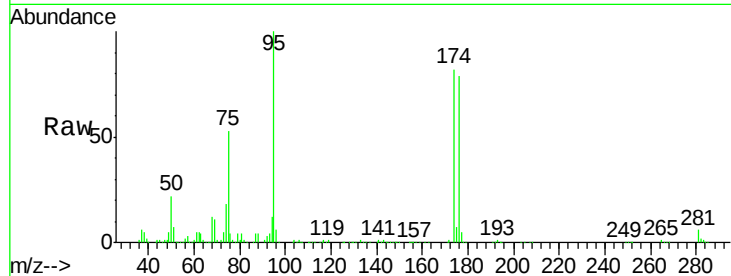




#62
4-Bromofluorobenzene
Concen: 47.131 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW003631.D
Acq: 28 Jun 2018 11:54

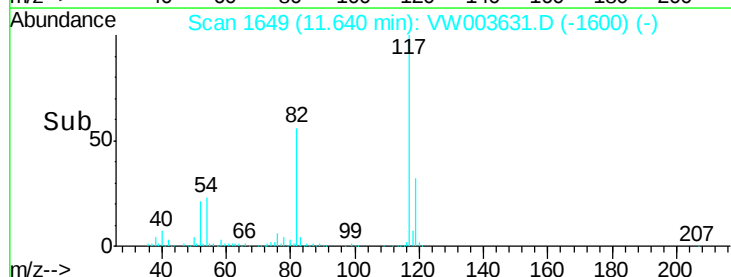
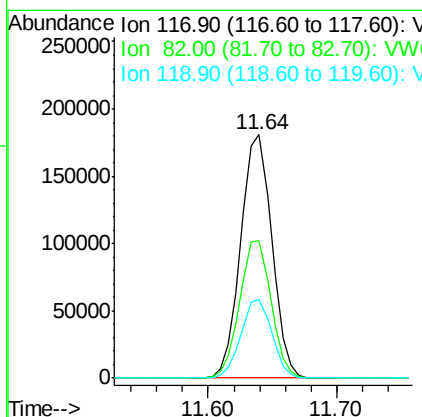
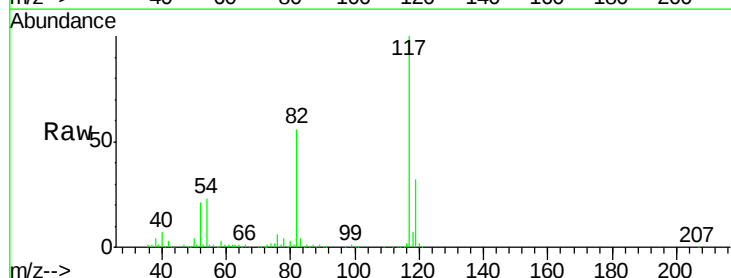
Instrument :
MSVOA_W
ClientSampleId :

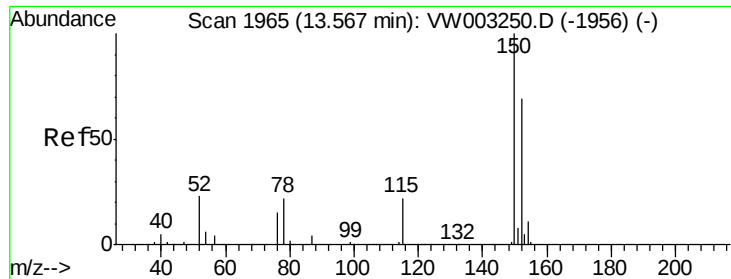
Tot Ion: 95 Resp: 136802
Ion Ratio Lower Upper
95 100
174 82.8 0.0 166.4
176 78.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003631.D
Acq: 28 Jun 2018 11:54

Tgt Ion: 117 Resp: 303149
Ion Ratio Lower Upper
117 100
82 56.4 44.6 67.0
119 32.4 26.7 40.1



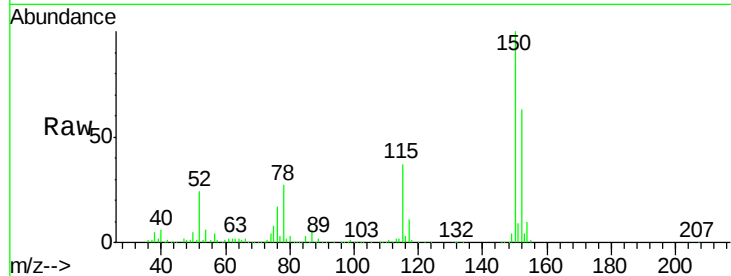


#72

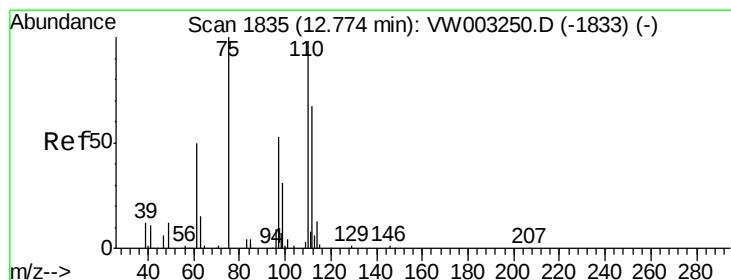
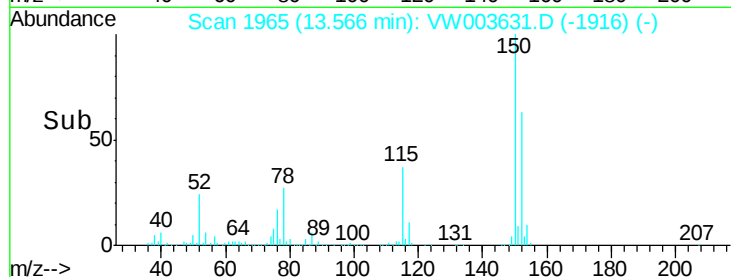
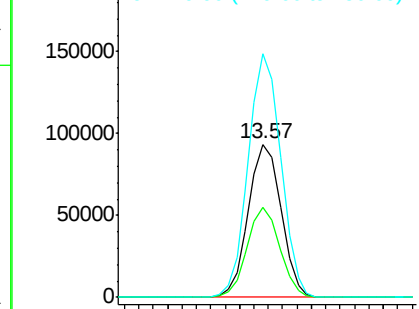
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003631.D
Acq: 28 Jun 2018 11:54

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 147421
Ion Ratio Lower Upper
152 100
115 58.5 29.3 88.0
150 158.0 0.0 349.6



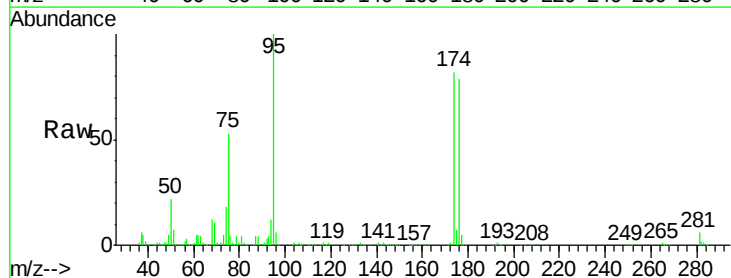
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



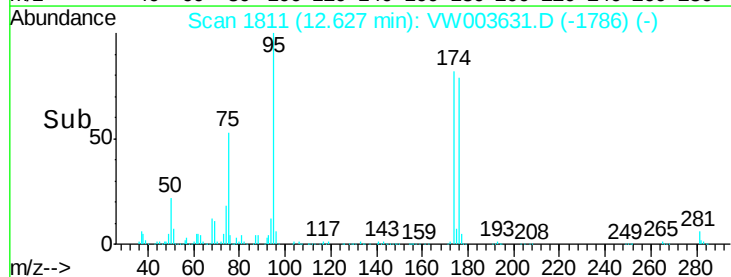
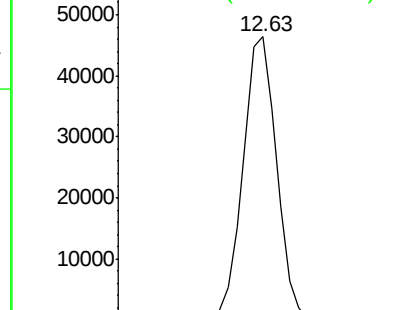
#76

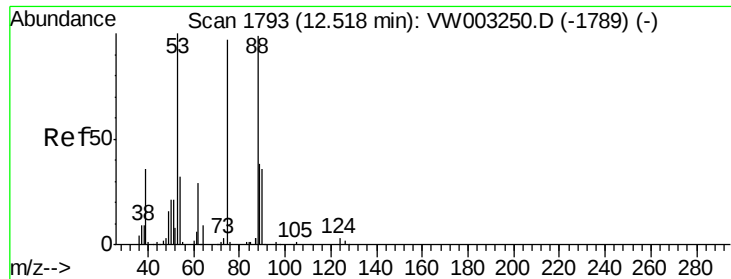
1,2,3-Trichloropropane
Concen: 59.377 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW003631.D
Acq: 28 Jun 2018 11:54

Tgt Ion: 75 Resp: 74831
Ion Ratio Lower Upper
75 100
77 1.3 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: 136.629 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003631.D

Acq: 28 Jun 2018 11:54

Instrument :

MSVOA_W

ClientSampleId :

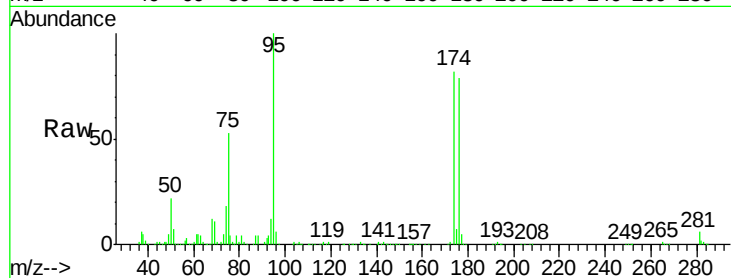
Tot Ion: 75 Resp: 74831

Ion Ratio Lower Upper

75 100

53 0.3 82.9 124.3#

89 0.1 36.7 55.1#



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

