

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062818\
 Data File : VW003650.D
 Acq On : 28 Jun 2018 20:17
 Operator : SY/AP
 Sample : J3745-01
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 29 06:46:46 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	103316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	18574	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	62061	55.46	ug/l	0.00
Spiked Amount			Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	59174	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
50) Toluene-d8	10.33	98	138943	30.58	ug/l	0.00
Spiked Amount			Recovery	=	61.16%	
62) 4-Bromofluorobenzene	12.62	95	24327	15.13	ug/l	0.00
Spiked Amount			Recovery	=	30.26%	

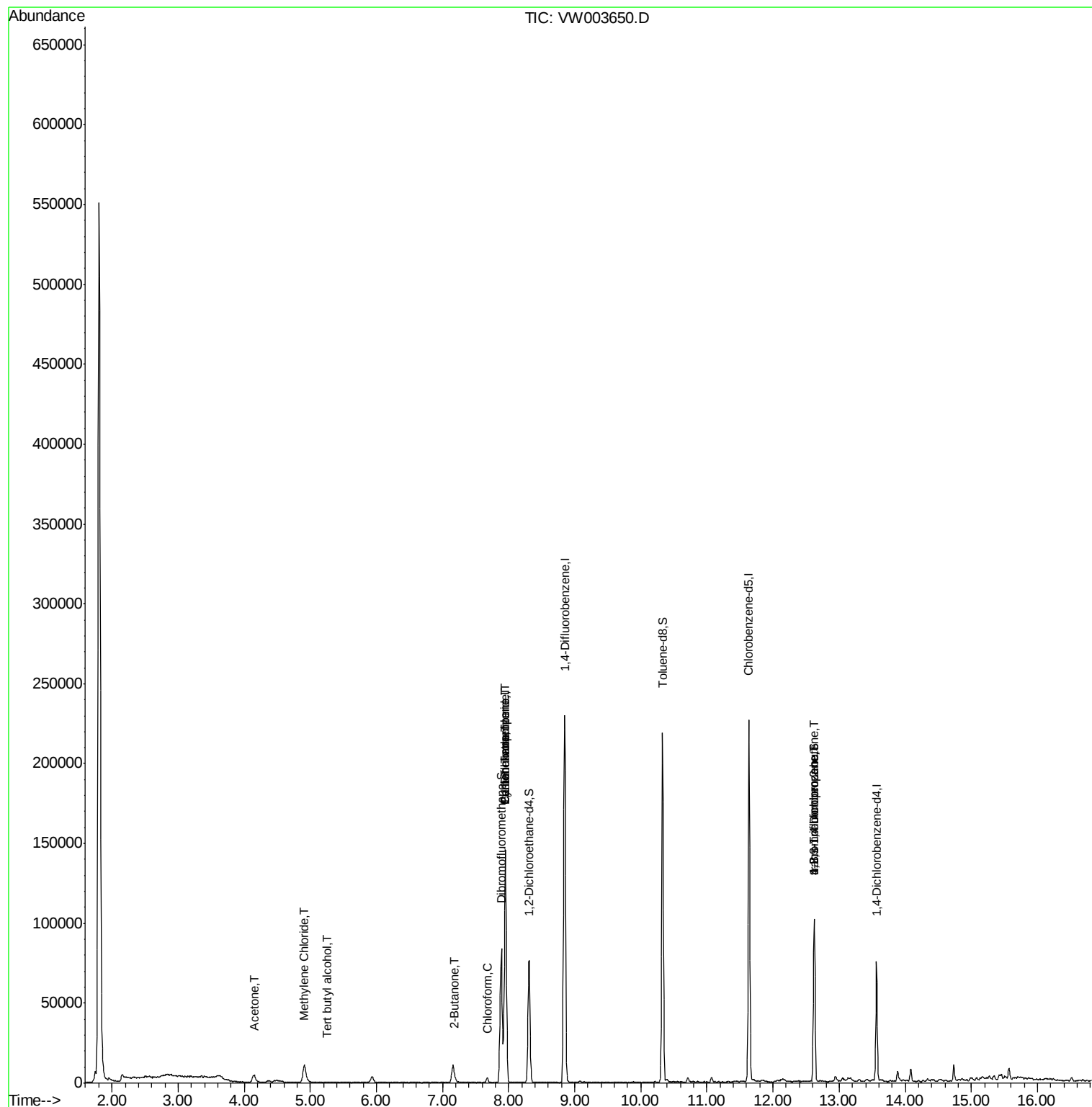
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.26	59	69	1.150	ug/l #	84
16) Acetone	4.15	43	9835	41.904	ug/l	92
20) Methylene Chloride	4.91	84	8507	5.247	ug/l	97
25) 2-Butanone	7.19	43	925	3.169	ug/l #	85
30) Chloroform	7.68	83	2526	1.281	ug/l	95
31) Cyclohexane	7.95	56	2737	1.514	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9063	5.088	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10621	6.079	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	13426	84.554	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	13426	194.563	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: VW003650.D

Acq: 28 Jun 2018 20:17

Instrument :

MSVOA_W

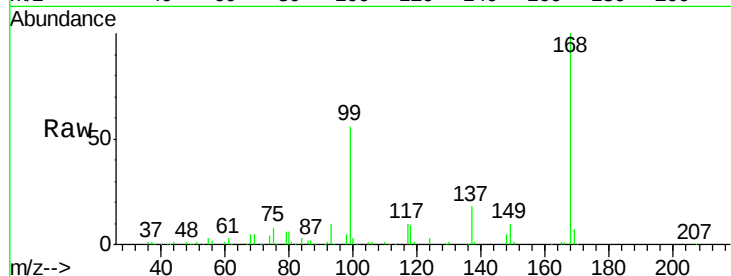
ClientSampleId :

Tot Ion:168 Resp: 103316

Ion Ratio Lower Upper

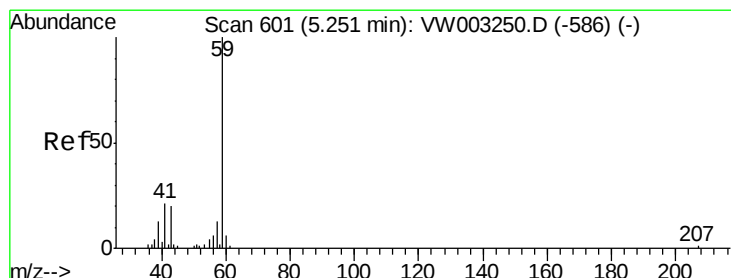
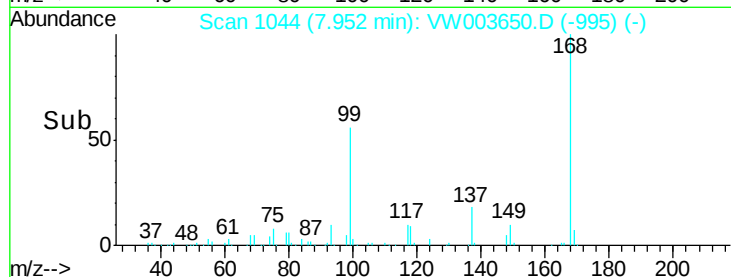
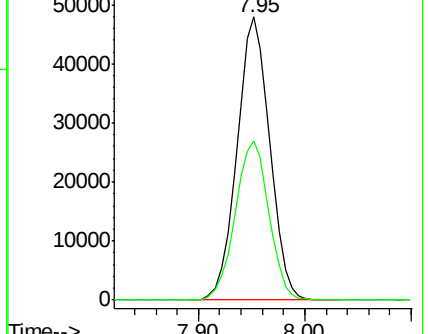
168 100

99 56.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.150 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003650.D

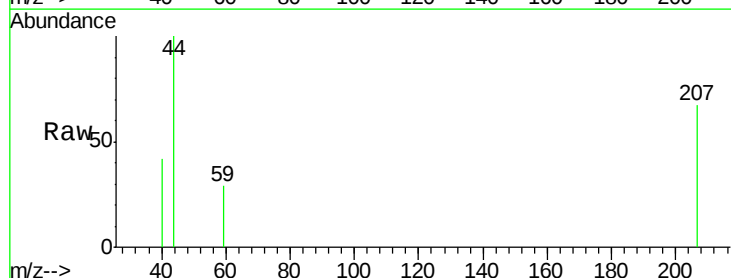
Acq: 28 Jun 2018 20:17

Tgt Ion: 59 Resp: 69

Ion Ratio Lower Upper

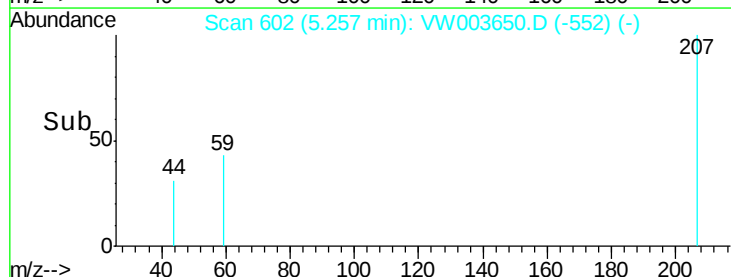
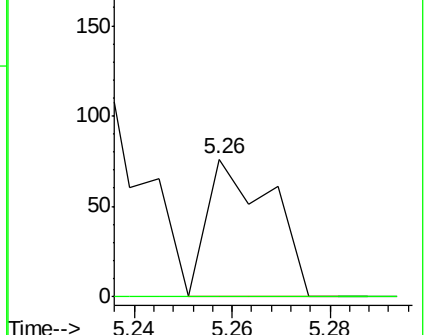
59 100

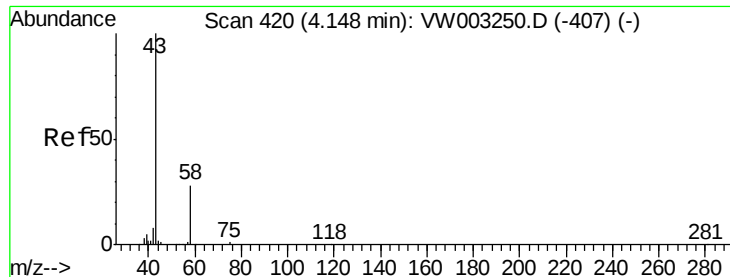
57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 41.904 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003650.D

Acq: 28 Jun 2018 20:17

Instrument :

MSVOA_W

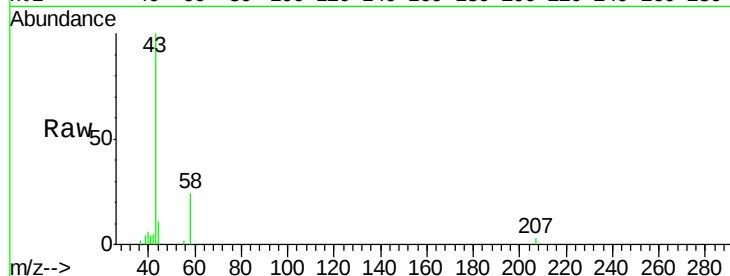
ClientSampleId :

Tot Ion: 43 Resp: 9835

Ion Ratio Lower Upper

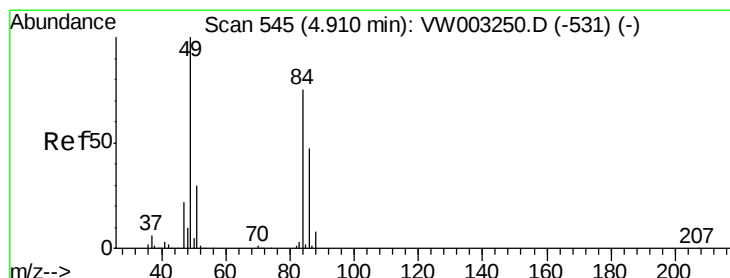
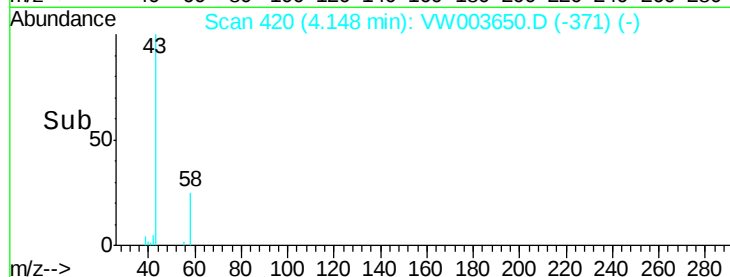
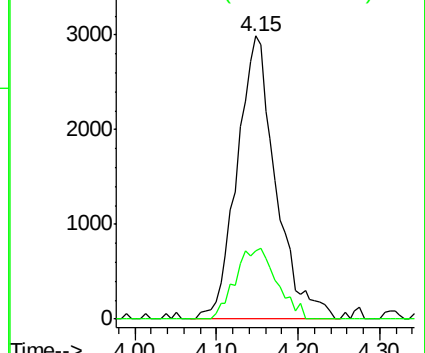
43 100

58 24.3 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: 5.247 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003650.D

Acq: 28 Jun 2018 20:17

Tgt Ion: 84 Resp: 8507

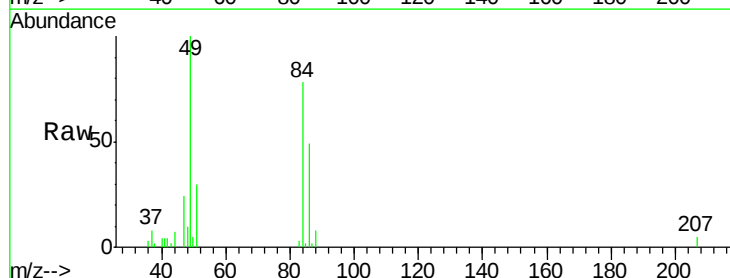
Ion Ratio Lower Upper

84 100

49 128.6 106.3 159.5

51 38.4 32.0 48.0

86 63.3 49.9 74.9

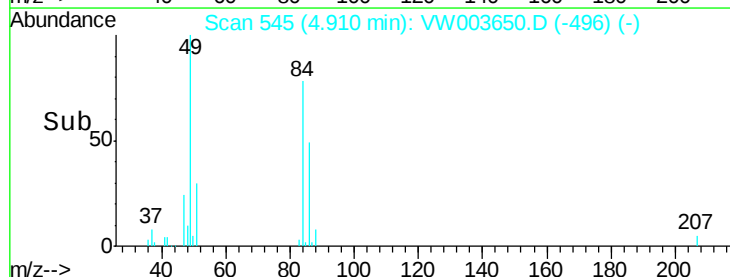
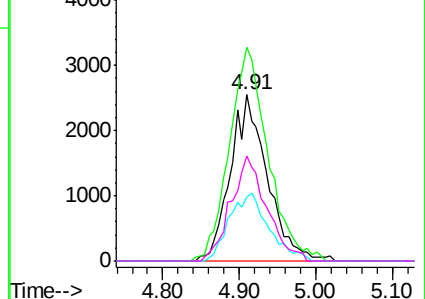


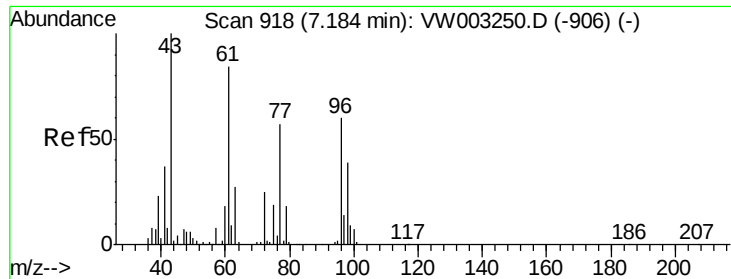
Abundance Ion 83.90 (83.60 to 84.60): VW

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

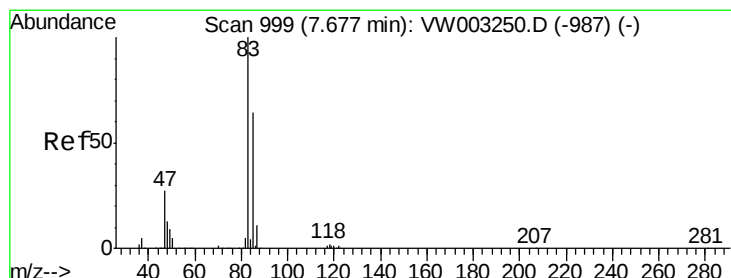
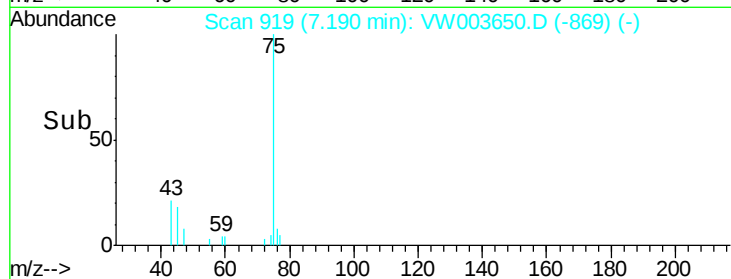
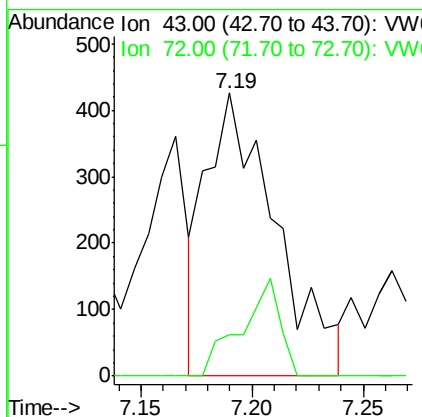
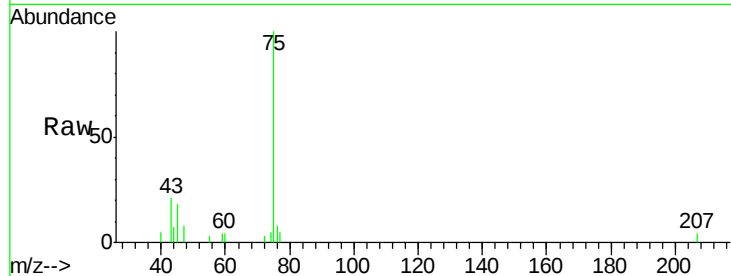




#25
2-Butanone
Concen: 3.169 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003650.D
Acq: 28 Jun 2018 20:17

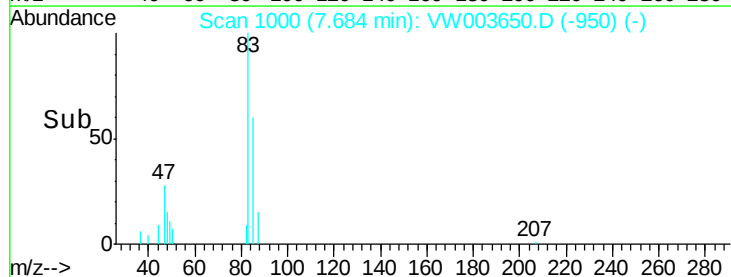
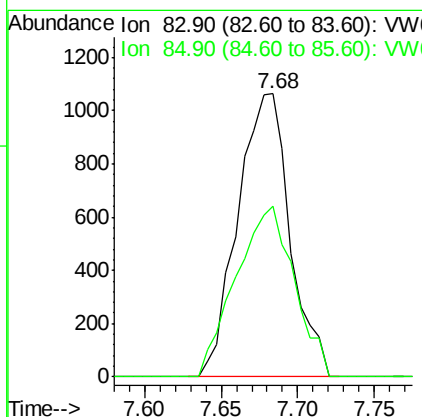
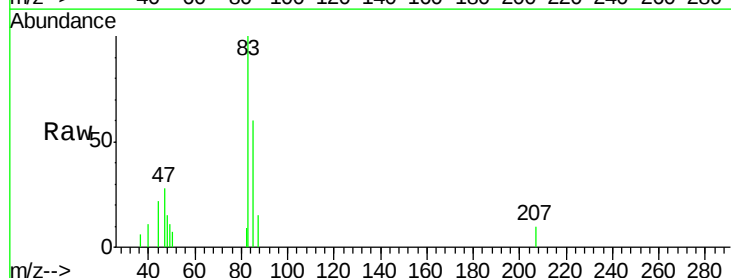
Instrument :
MSVOA_W
ClientSampled :

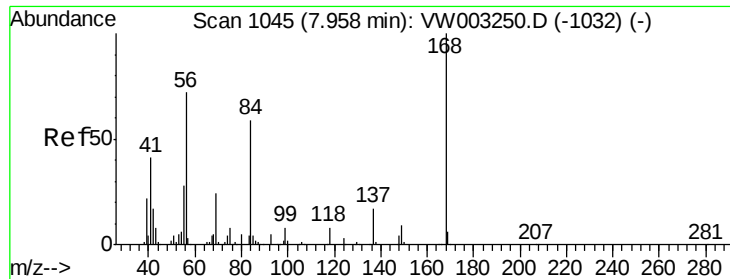
Tot Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
72 17.8 20.3 30.5#



#30
Chloroform
Concen: 1.281 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003650.D
Acq: 28 Jun 2018 20:17

Tgt Ion: 83 Resp: 2526
Ion Ratio Lower Upper
83 100
85 60.1 51.3 76.9

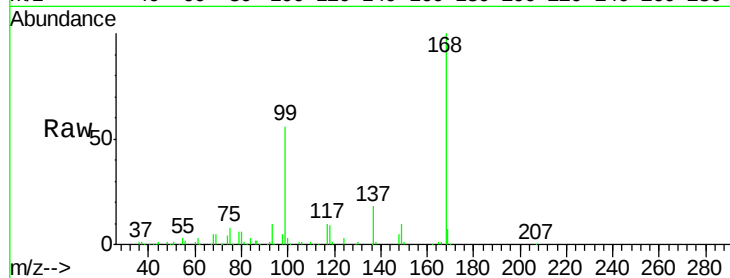




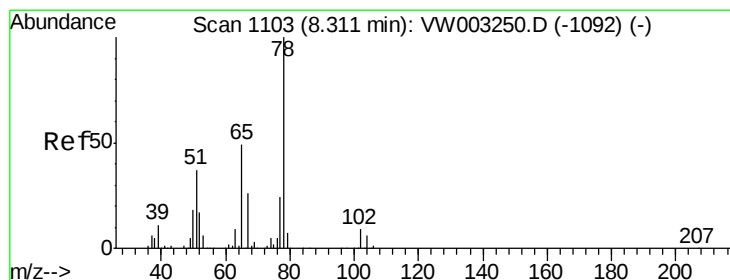
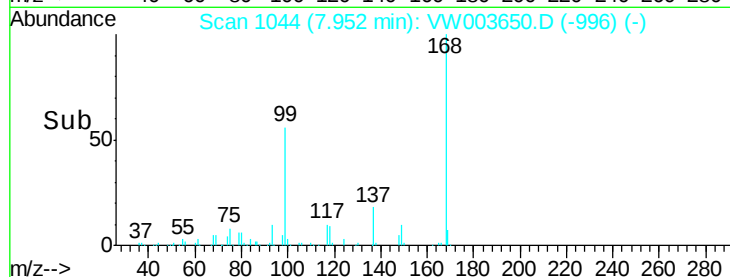
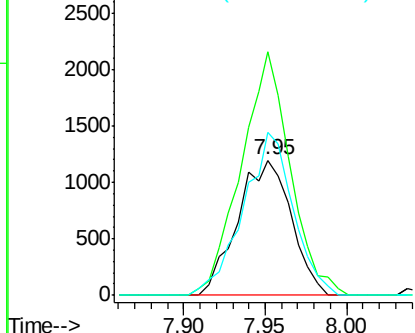
#31
Cyclohexane
Concen: 1.514 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003650.D
Acq: 28 Jun 2018 20:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2737
Ion Ratio Lower Upper
56 100
69 180.1 26.3 39.5#
84 120.8 65.7 98.5#

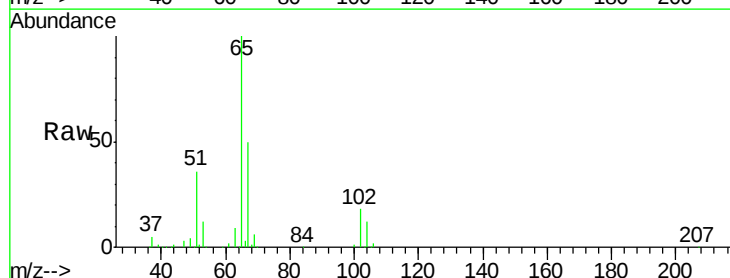


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

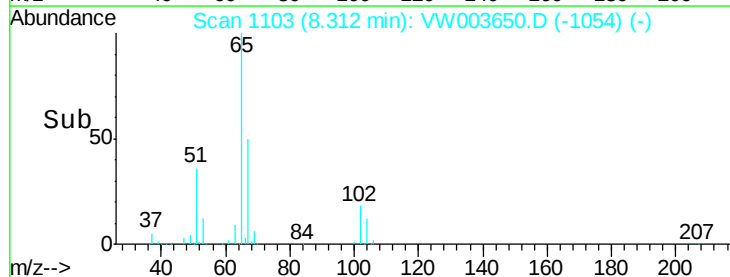
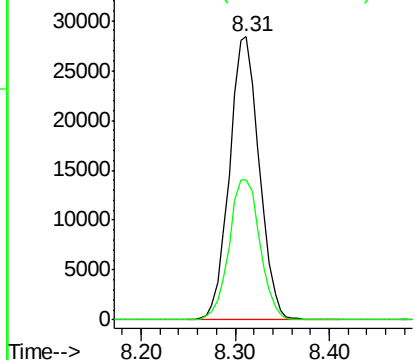


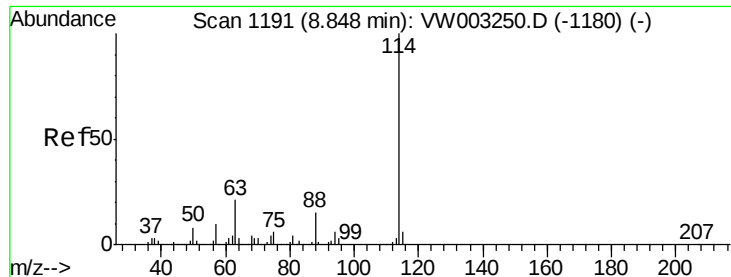
#33
1,2-Dichloroethane-d4
Concen: 55.458 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003650.D
Acq: 28 Jun 2018 20:17

Tgt Ion: 65 Resp: 62061
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.2



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

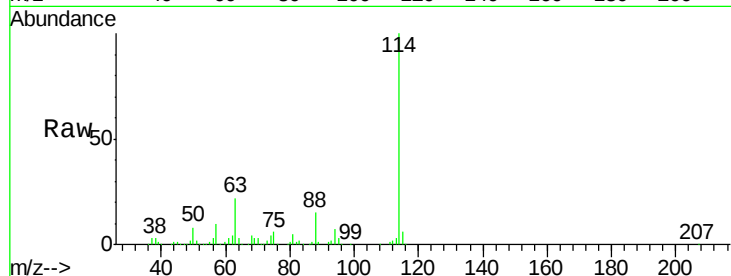




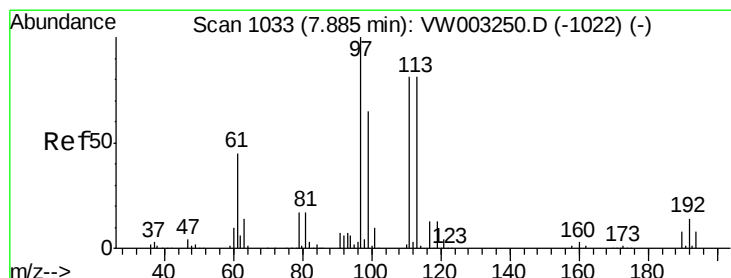
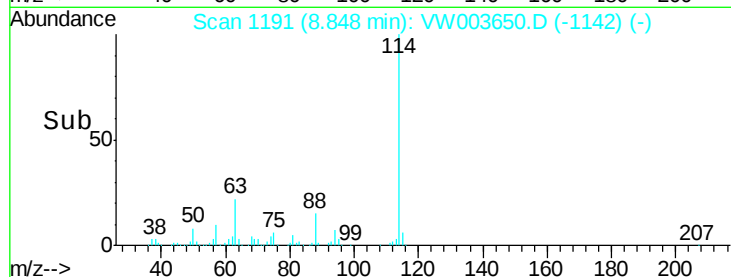
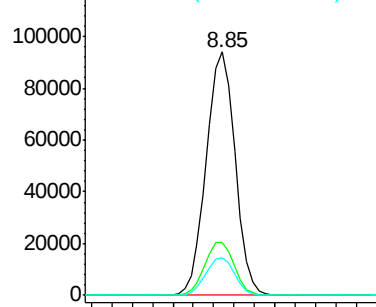
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003650.D
 Acq: 28 Jun 2018 20:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.0
88	15.2	0.0	29.6

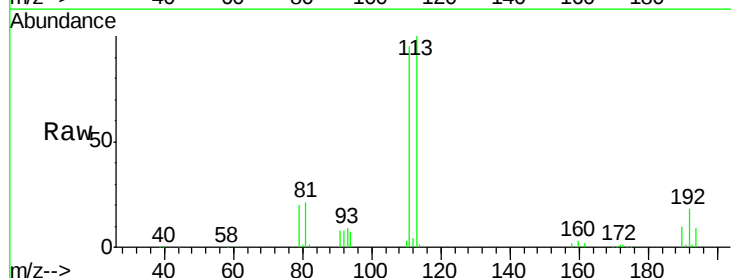


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

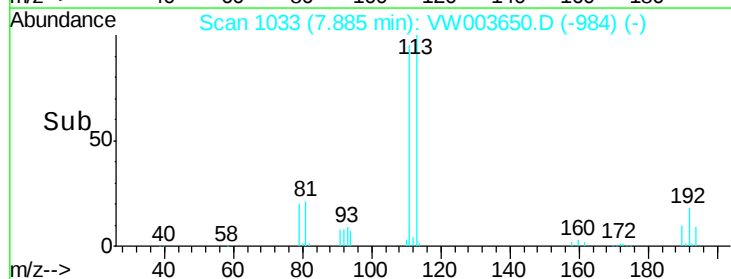
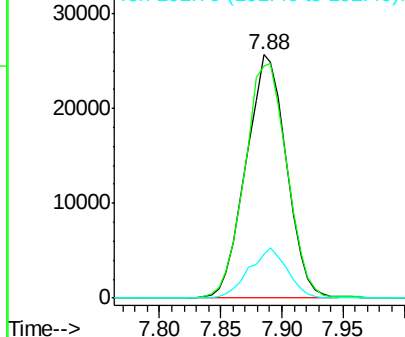


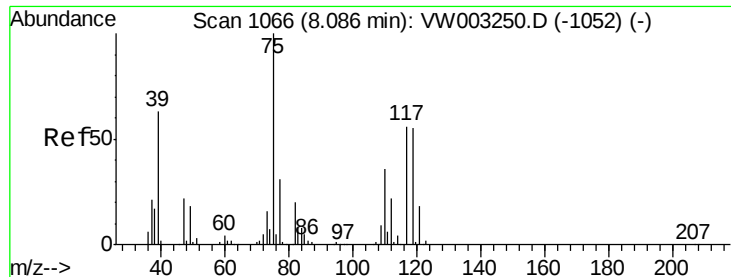
#35
 Dibromofluoromethane
 Concen: 51.633 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003650.D
 Acq: 28 Jun 2018 20:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.2
192	19.5	16.2	24.2



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





#36

1,1-Dichloropropene

Concen: 5.088 ug/l

RT: 7.95 min Scan# 1043

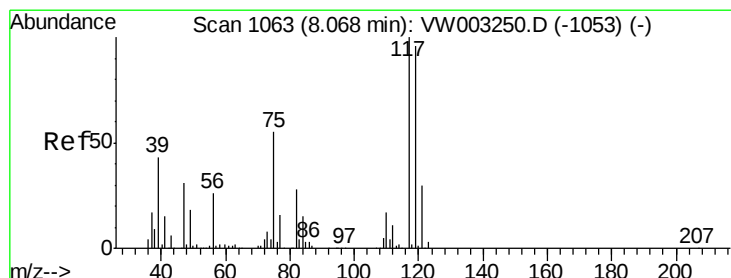
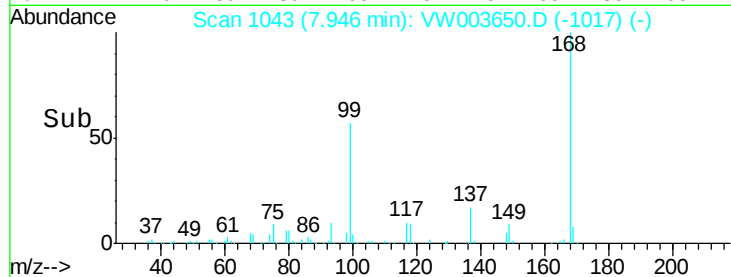
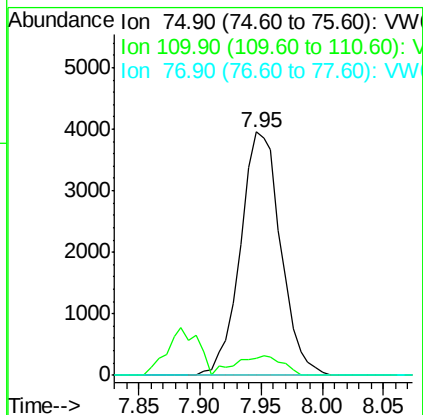
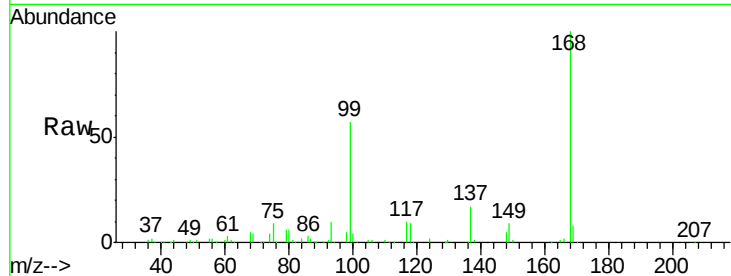
Delta R.T. -0.14 min

Lab File: VW003650.D

Acq: 28 Jun 2018 20:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 9063
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.3#
77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.079 ug/l

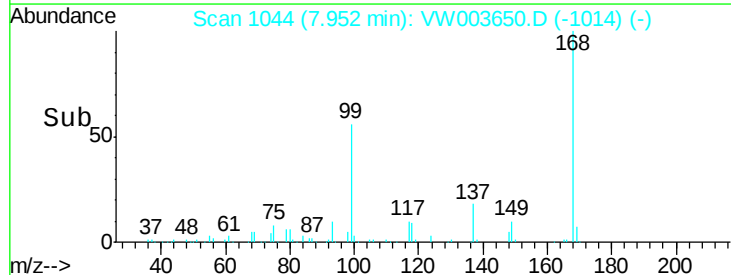
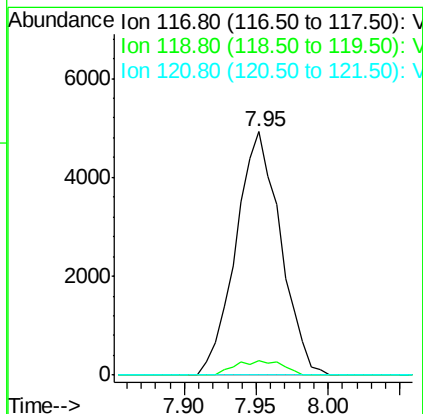
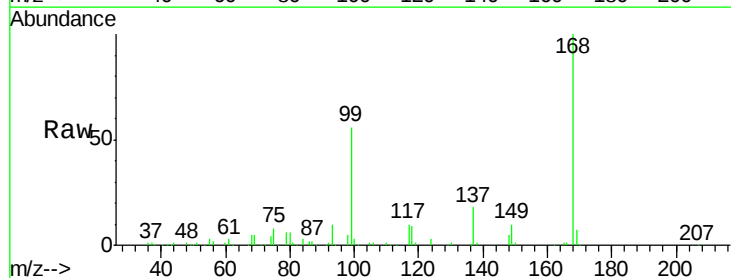
RT: 7.95 min Scan# 1044

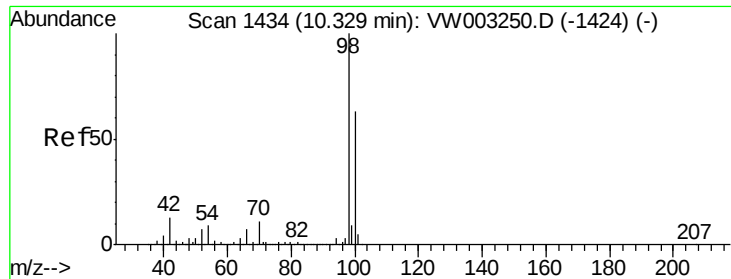
Delta R.T. -0.12 min

Lab File: VW003650.D

Acq: 28 Jun 2018 20:17

Tgt Ion: 117 Resp: 10621
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 30.575 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003650.D

Acq: 28 Jun 2018 20:17

Instrument :

MSVOA_W

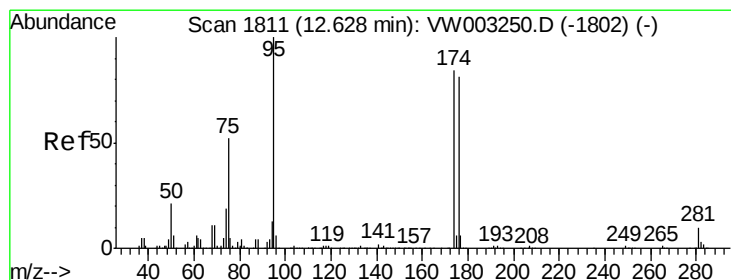
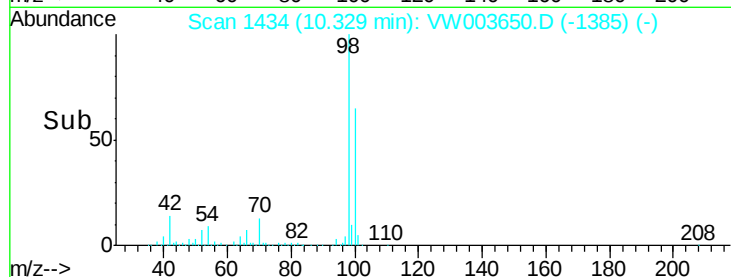
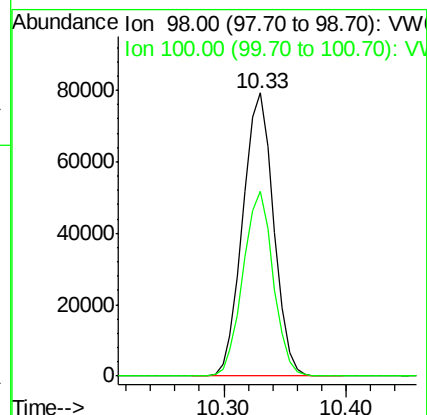
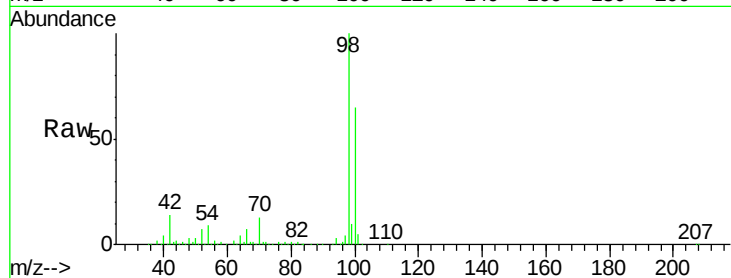
ClientSampleId :

Tot Ion: 98 Resp: 138943

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 15.127 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003650.D

Acq: 28 Jun 2018 20:17

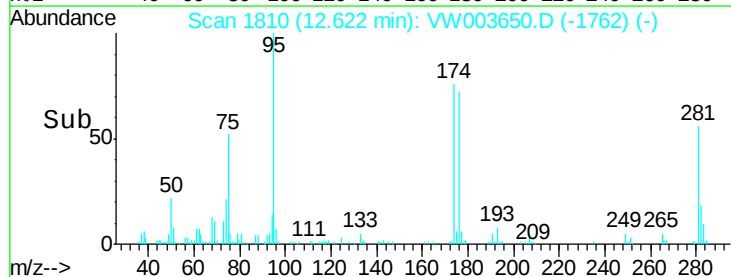
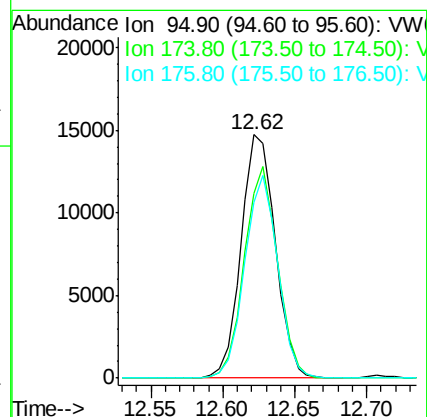
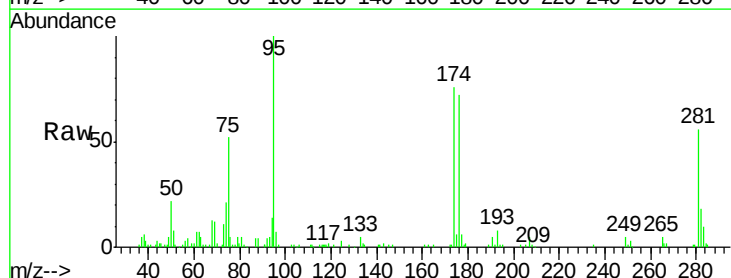
Tgt Ion: 95 Resp: 24327

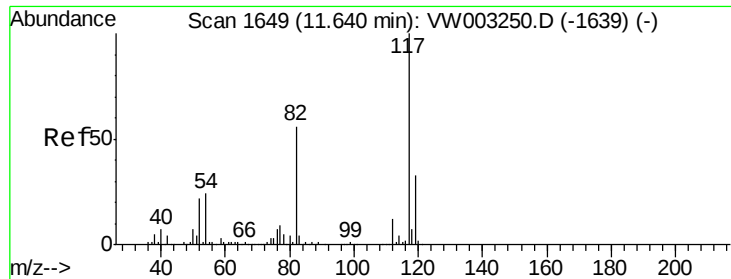
Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.4

176 80.0 0.0 162.0

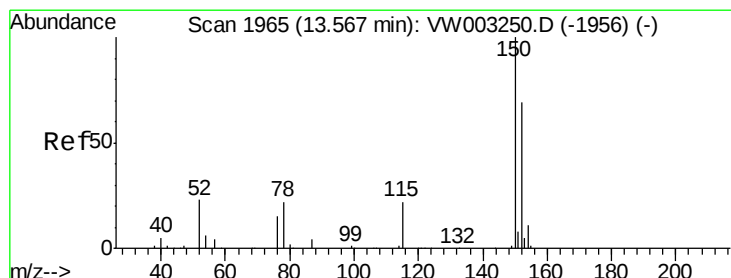
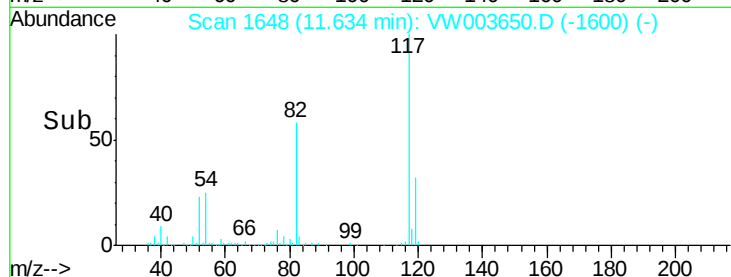
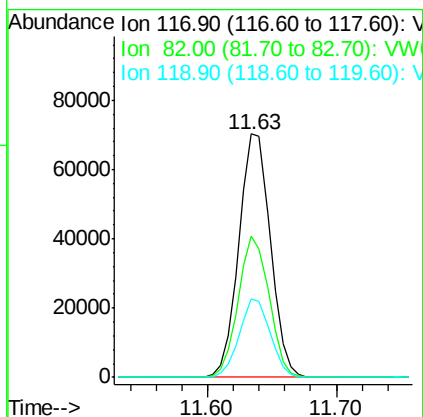
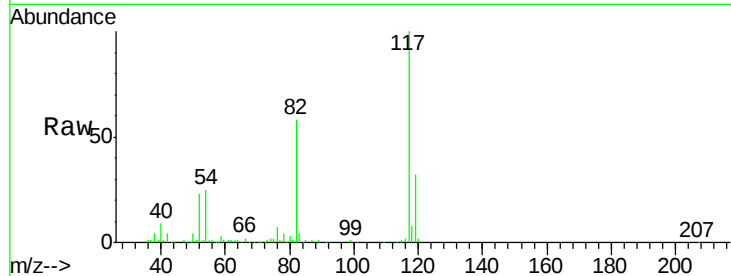




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003650.D
Acq: 28 Jun 2018 20:17

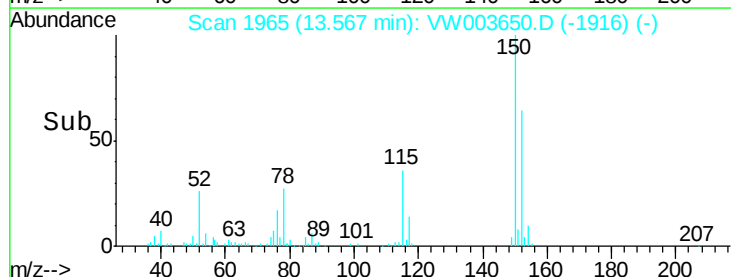
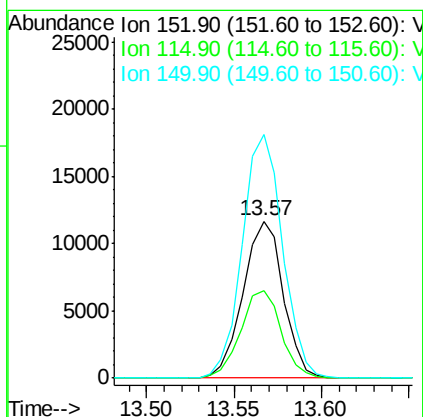
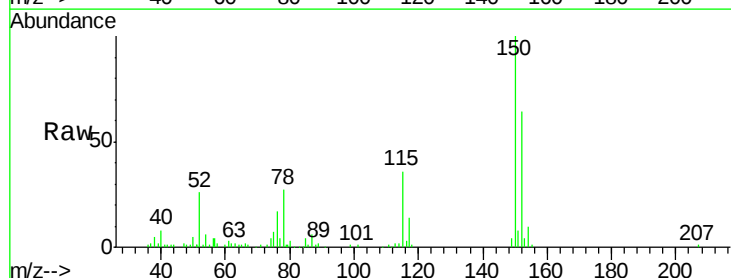
Instrument :
MSVOA_W
ClientSampled :

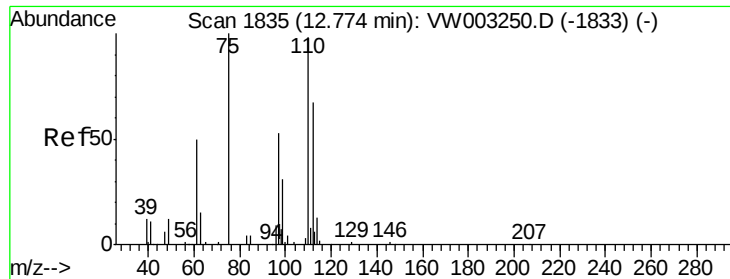
Tot Ion:117 Resp: 119320
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 32.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003650.D
Acq: 28 Jun 2018 20:17

Tgt Ion:152 Resp: 18574
Ion Ratio Lower Upper
152 100
115 56.1 29.3 88.0
150 156.0 0.0 349.6

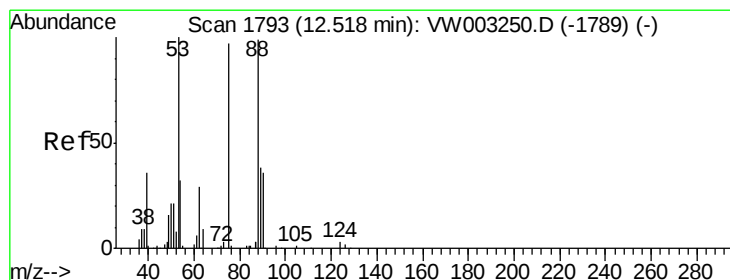
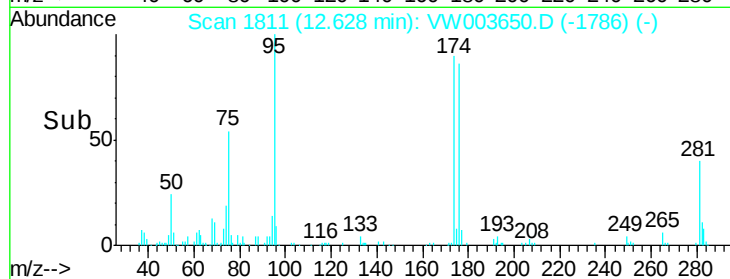
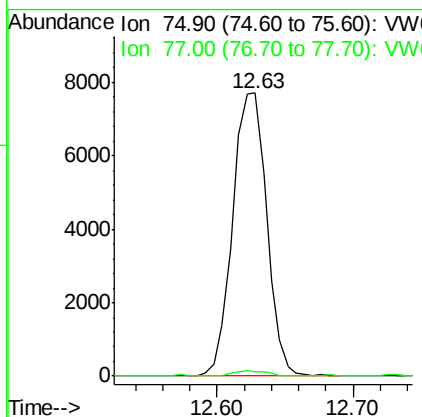
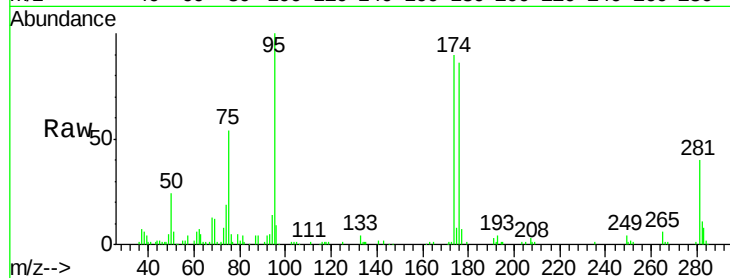




#76
 1,2,3-Trichloropropane
 Concen: 84.554 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW003650.D
 Acq: 28 Jun 2018 20:17

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 13426
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 194.563 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003650.D
 Acq: 28 Jun 2018 20:17

Tgt Ion: 75 Resp: 13426
 Ion Ratio Lower Upper
 75 100
 53 0.5 82.9 124.3#
 89 0.0 36.7 55.1#

