

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002404.D
 Acq On : 11 May 2018 02:54
 Operator : JC/SY
 Sample : J2822-04
 Misc : 5.65G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:59:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	78934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	120085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	111531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53788	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	37059	44.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.42%	
35) Dibromofluoromethane	7.88	113	33981	44.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.30%	
50) Toluene-d8	10.33	98	109834	37.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.84%	
62) 4-Bromofluorobenzene	12.63	95	39506	37.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.50%	

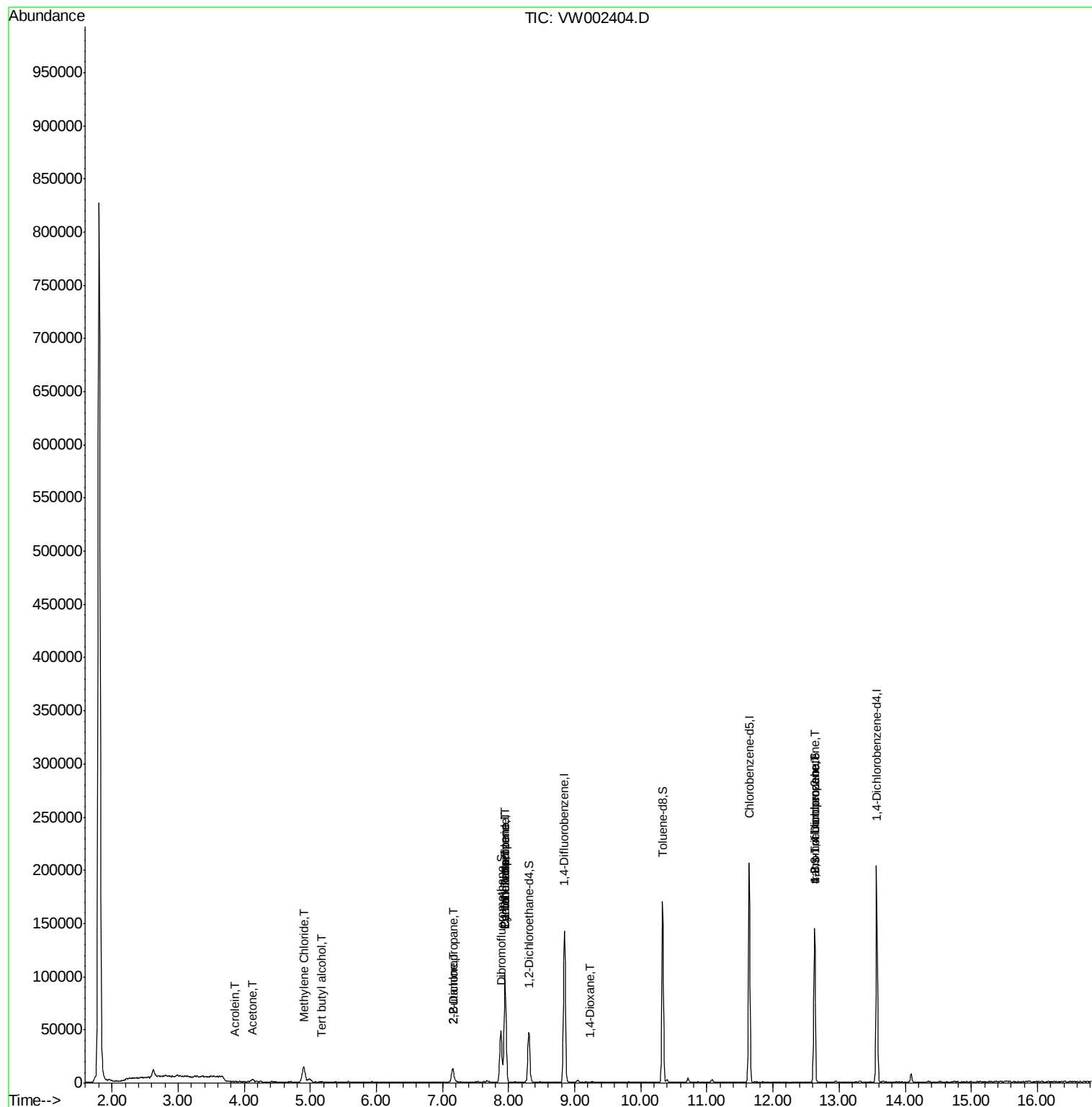
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	222	3.64	ug/l #	50
13) Acrolein	3.87	56	67	1.31	ug/l #	64
16) Acetone	4.12	43	4393	26.84	ug/l #	82
20) Methylene Chloride	4.90	84	10525	13.34	ug/l	90
25) 2-Butanone	7.16	43	1052	4.33	ug/l	93
26) 2,2-Dichloropropane	7.16	77	899	1.29	ug/l #	50
31) Cyclohexane	7.94	56	2059	1.65	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	5821	5.36	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7826	7.45	ug/l #	19
49) 1,4-Dioxane	9.24	88	27	3.82	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	20752	43.51	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	20752	114.60	ug/l #	10

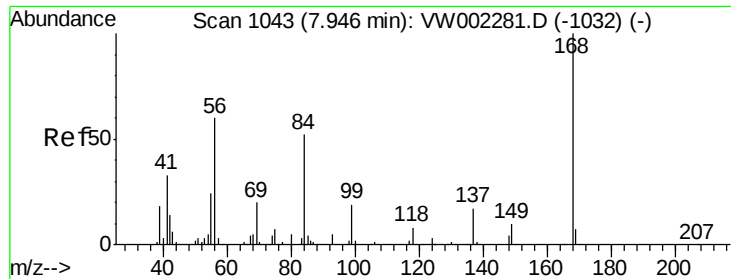
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

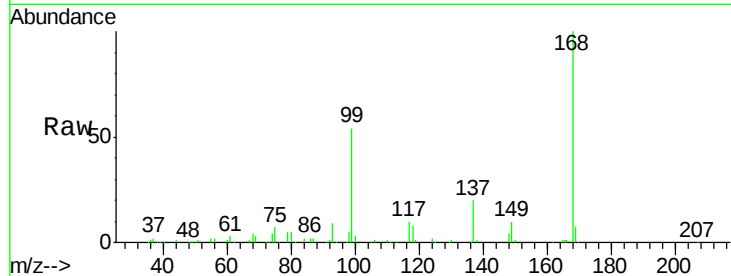
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 78934

Ion Ratio Lower Upper

168 100

99 54.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

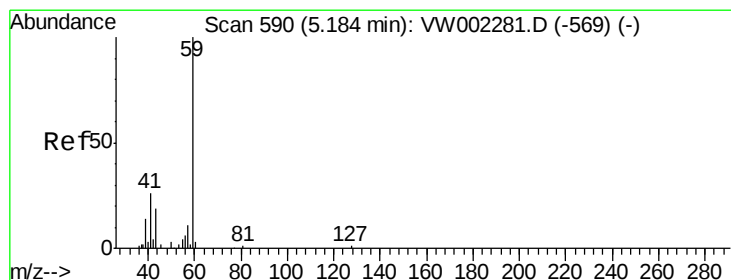
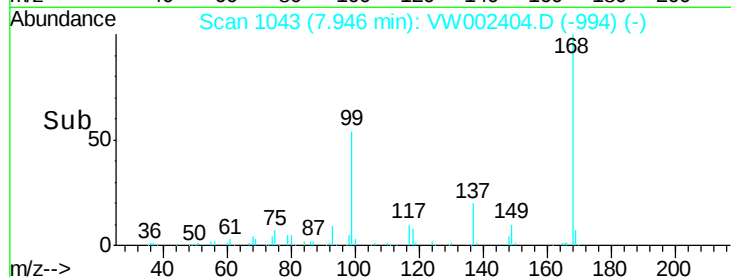
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 3.64 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.01 min

Lab File: VW002404.D

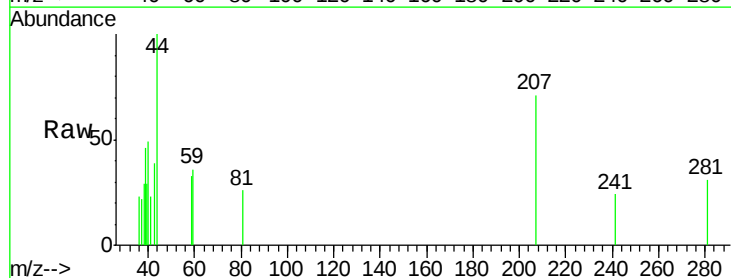
Acq: 11 May 2018 02:54

Tgt Ion: 59 Resp: 222

Ion Ratio Lower Upper

59 100

57 21.6 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

250

200

150

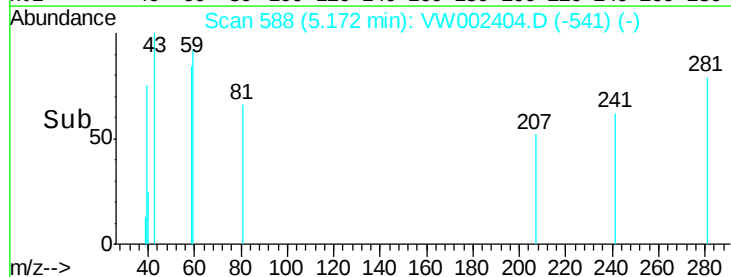
100

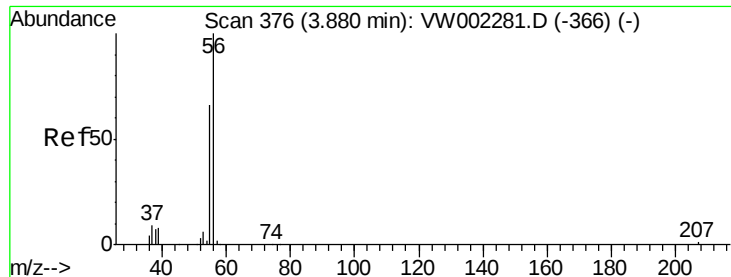
50

0

5.16 5.18 5.20

Time-->





#13

Acrolein

Concen: 1.31 ug/l

RT: 3.87 min Scan# 374

Delta R.T. -0.01 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

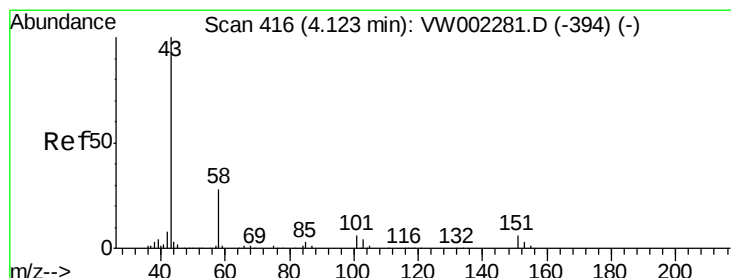
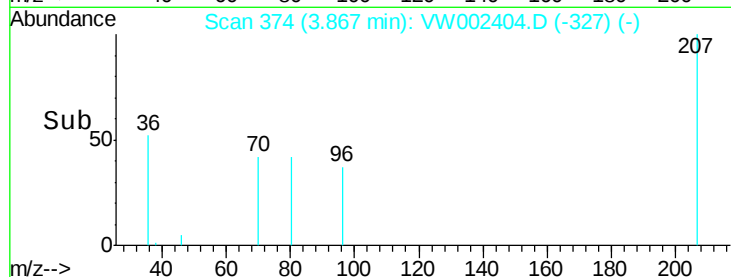
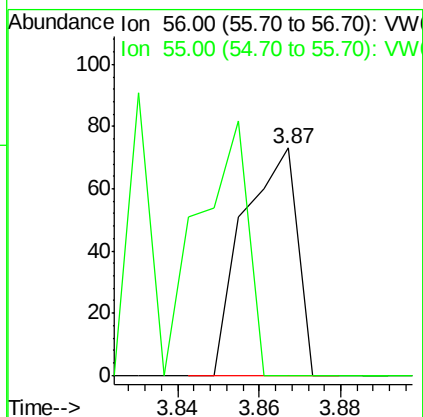
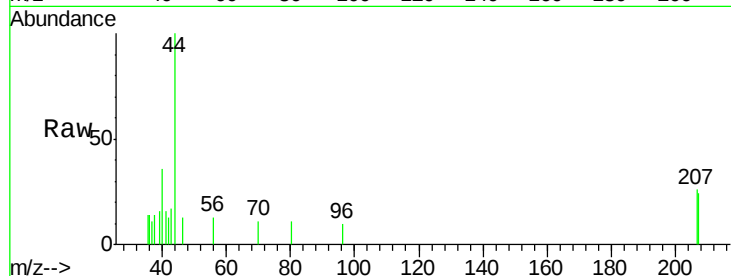
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 101.5 57.3 85.9#



#16

Acetone

Concen: 26.84 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002404.D

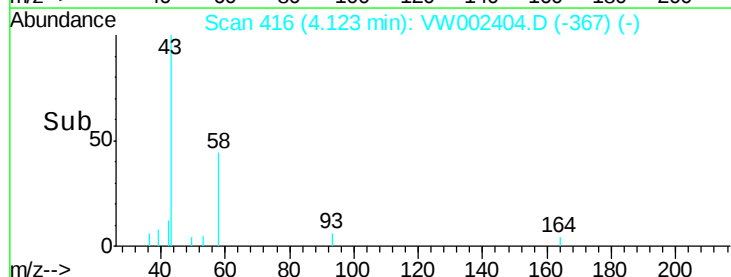
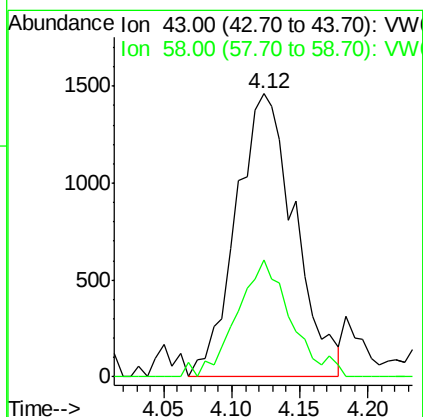
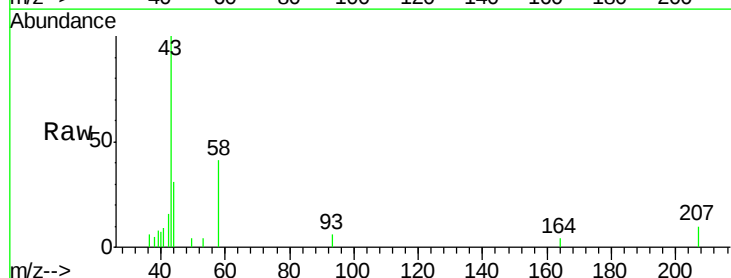
Acq: 11 May 2018 02:54

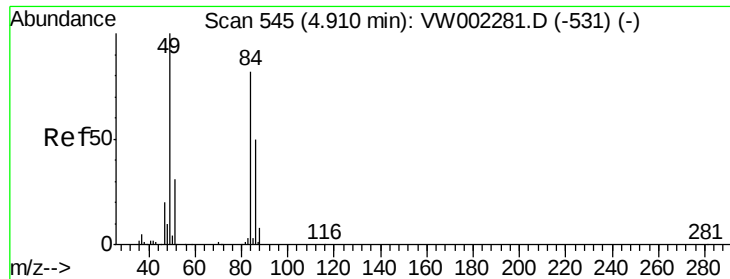
Tgt Ion: 43 Resp: 4393

Ion Ratio Lower Upper

43 100

58 37.0 22.2 33.4#

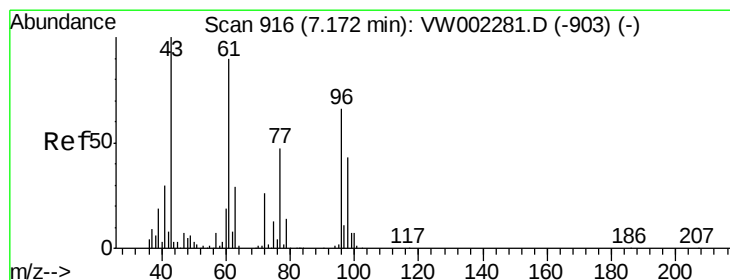
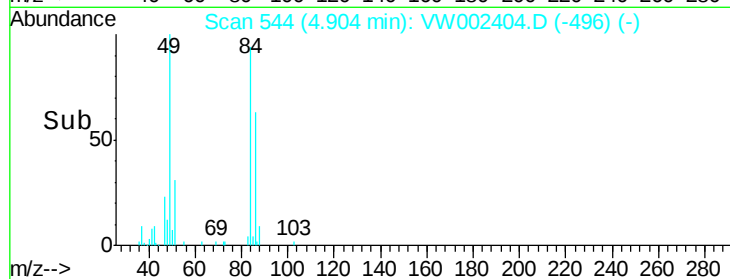
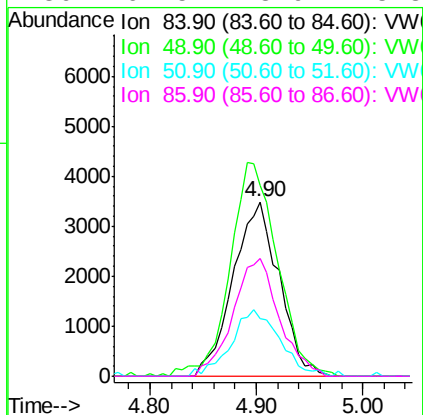
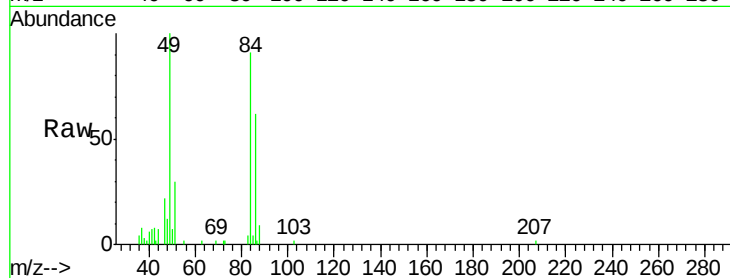




#20
Methylene Chloride
Concen: 13.34 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002404.D
Acq: 11 May 2018 02:54

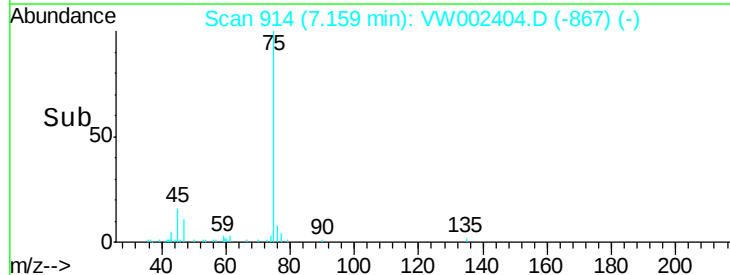
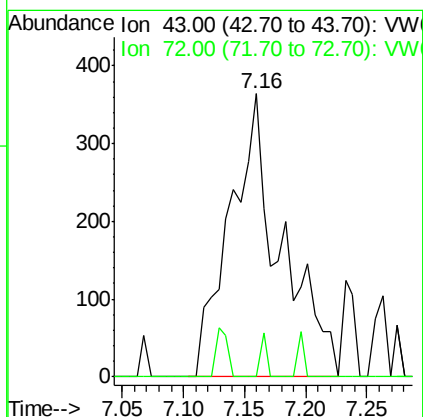
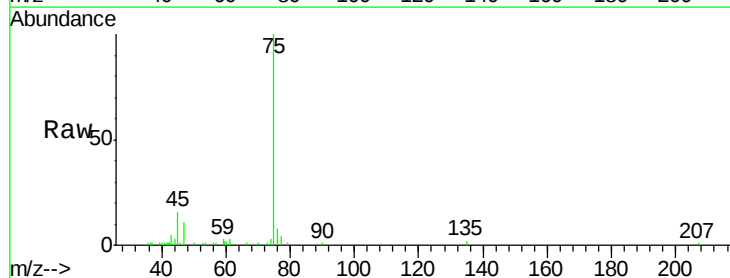
Instrument :
MSVOA_W
ClientSampled :

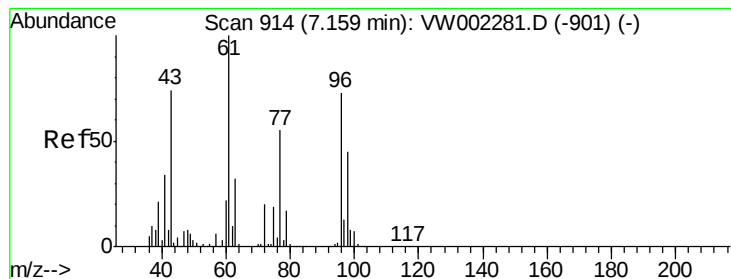
Tot Ion: 84 Resp: 10525
Ion Ratio Lower Upper
84 100
49 109.7 97.7 146.5
51 33.1 30.2 45.4
86 67.5 48.9 73.3



#25
2-Butanone
Concen: 4.33 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002404.D
Acq: 11 May 2018 02:54

Tgt Ion: 43 Resp: 1052
Ion Ratio Lower Upper
43 100
72 29.4 20.6 31.0





#26

2,2-Dichloropropane

Concen: 1.29 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.00 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

Instrument :

MSVOA_W

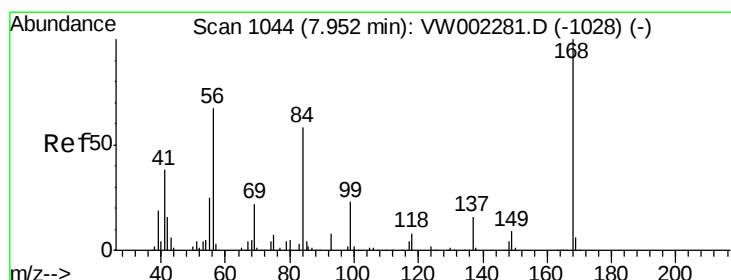
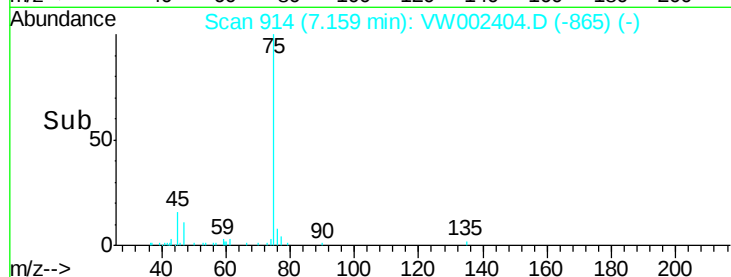
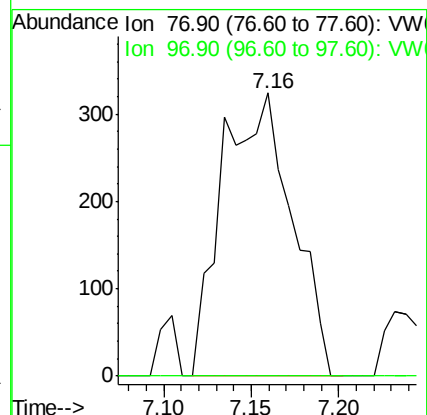
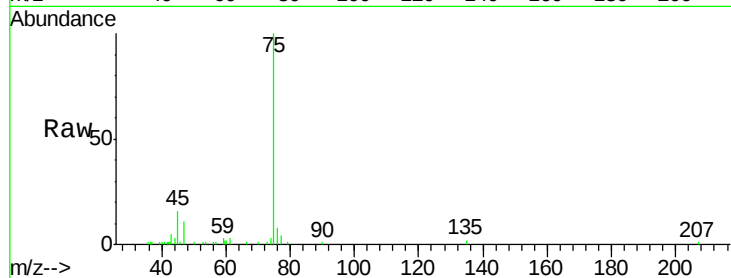
ClientSampleId :

Tot Ion: 77 Resp: 899

Ion Ratio Lower Upper

77 100

97 0.0 12.7 38.0#



#31

Cyclohexane

Concen: 1.65 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

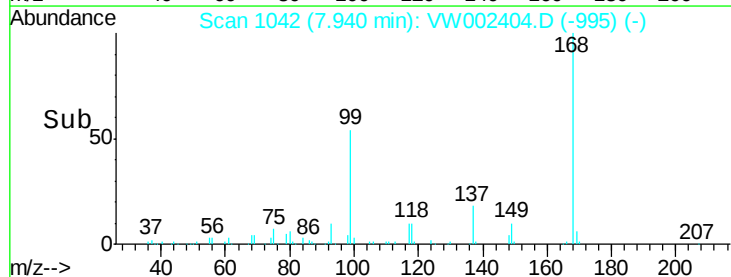
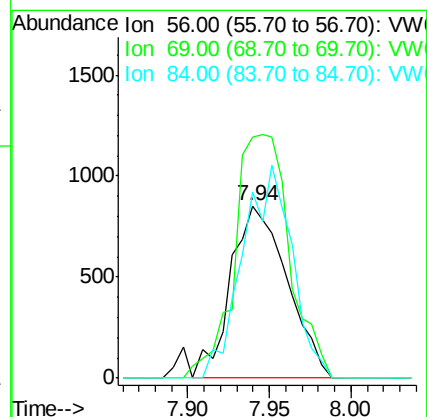
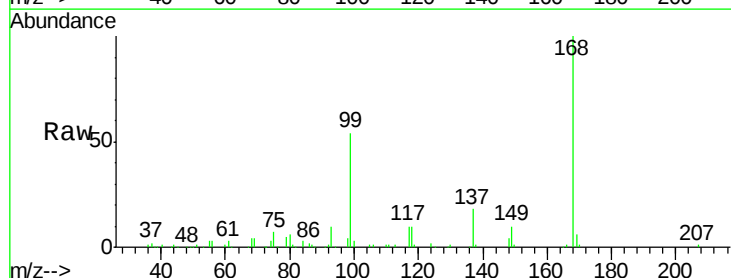
Tgt Ion: 56 Resp: 2059

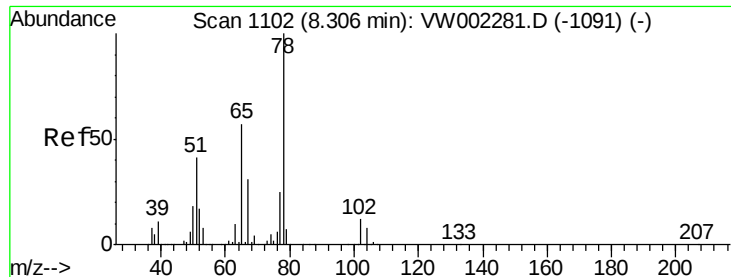
Ion Ratio Lower Upper

56 100

69 139.3 26.2 39.4#

84 107.7 69.2 103.8#

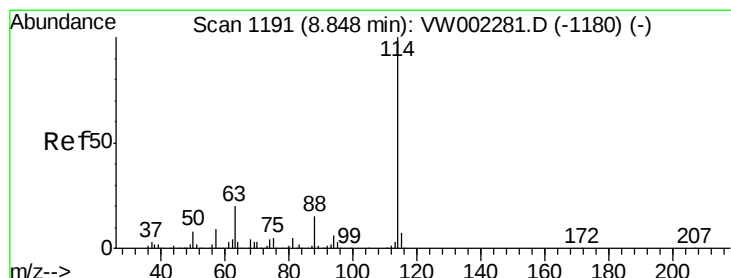
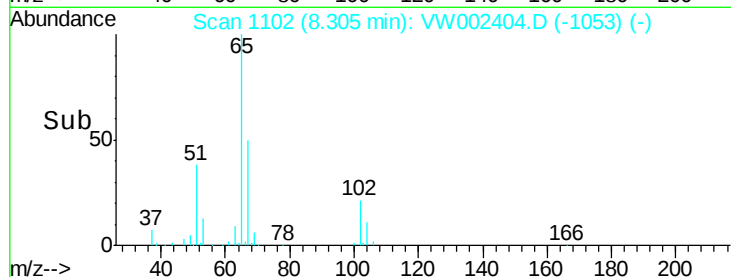
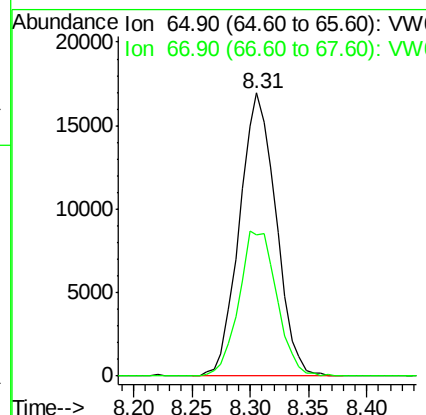
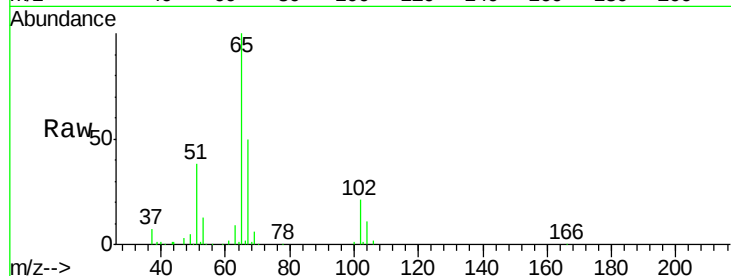




#33
 1,2-Dichloroethane-d4
 Concen: 44.21 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002404.D
 Acq: 11 May 2018 02:54

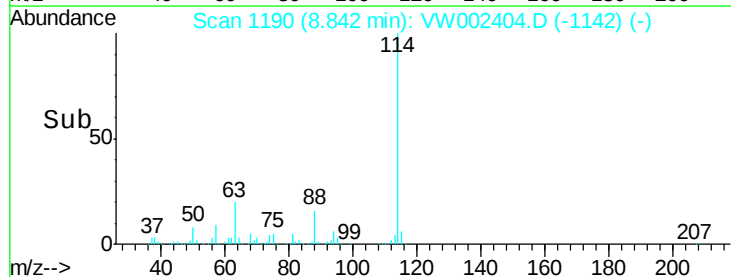
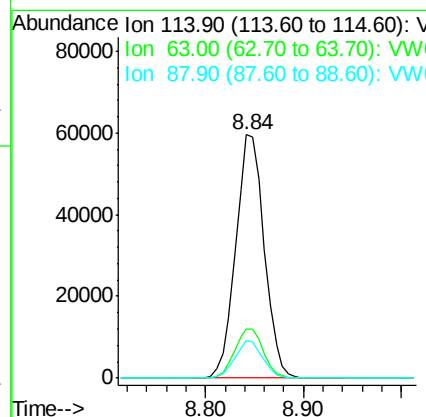
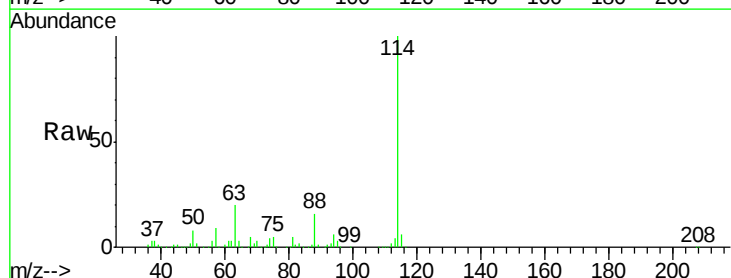
Instrument :
 MSVOA_W
 ClientSampleId :

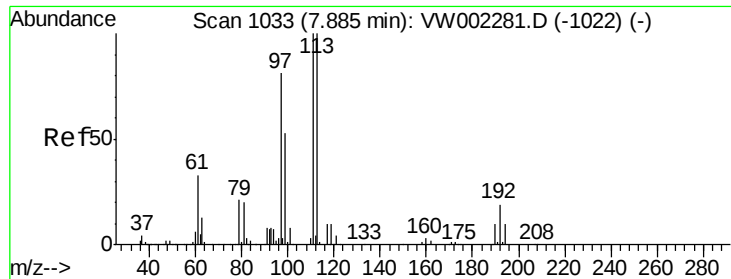
Tot Ion: 65 Resp: 37059
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002404.D
 Acq: 11 May 2018 02:54

Tgt Ion: 114 Resp: 120085
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.5 0.0 29.6

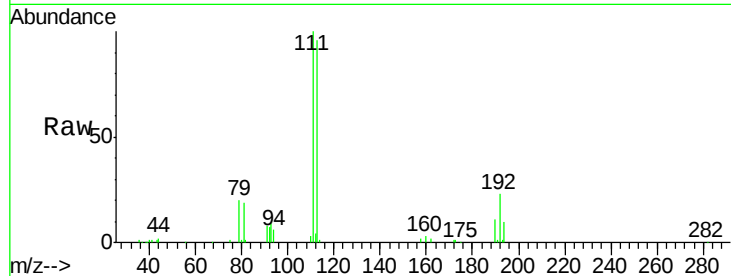




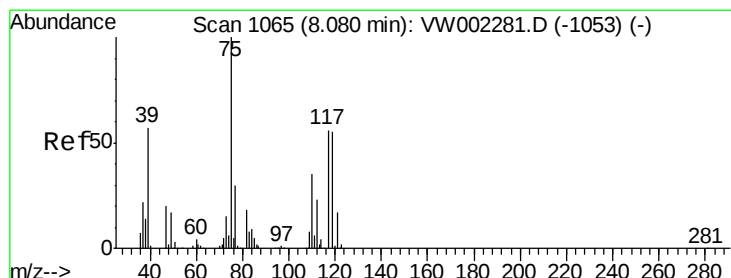
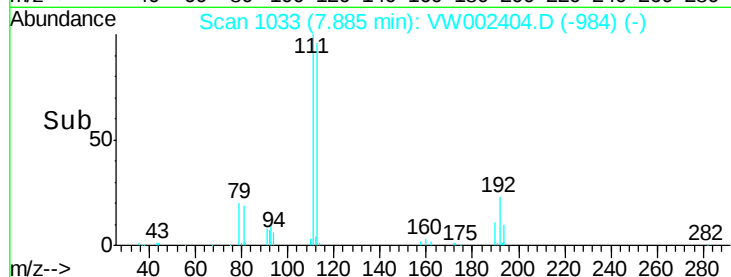
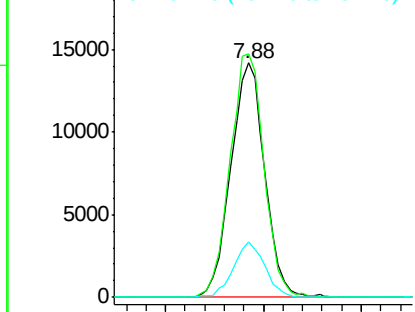
#35
 Dibromofluoromethane
 Concen: 44.15 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002404.D
 Acq: 11 May 2018 02:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 33981
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.5 122.3
 192 22.1 16.4 24.6

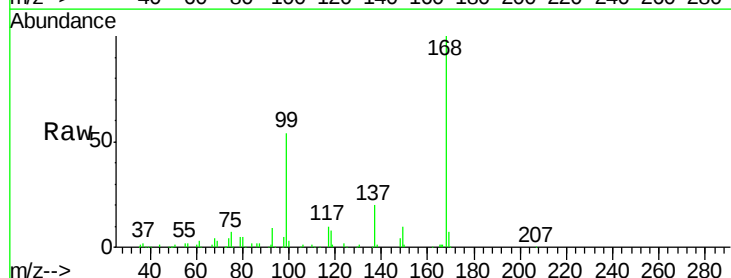


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

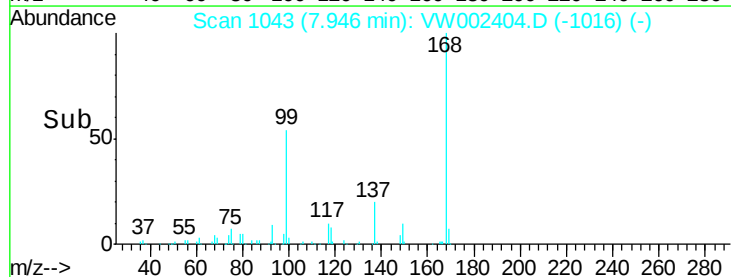
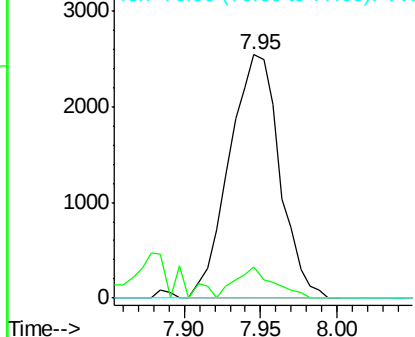


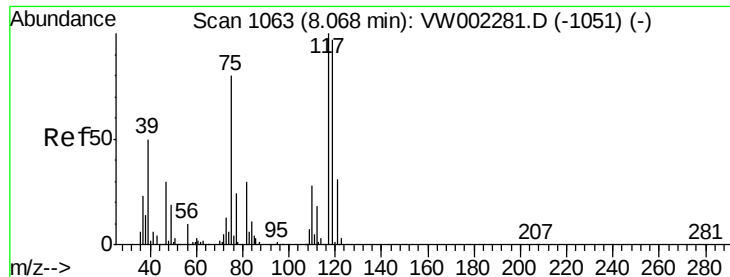
#36
 1,1-Dichloropropene
 Concen: 5.36 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002404.D
 Acq: 11 May 2018 02:54

Tgt Ion: 75 Resp: 5821
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.1#
 77 0.0 24.5 36.7#



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: 7.45 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

Instrument :

MSVOA_W

ClientSampleId :

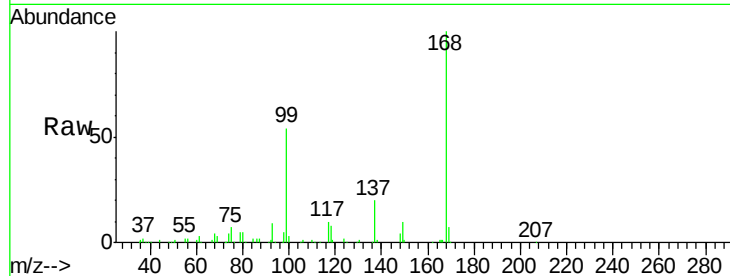
Tot Ion:117 Resp: 7826

Ion Ratio Lower Upper

117 100

119 9.0 77.5 116.3#

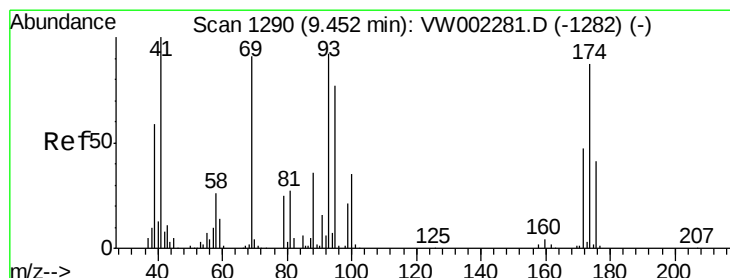
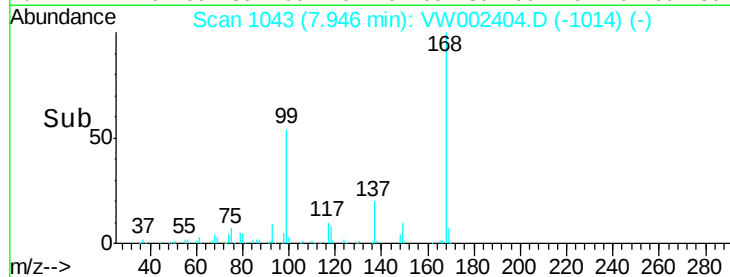
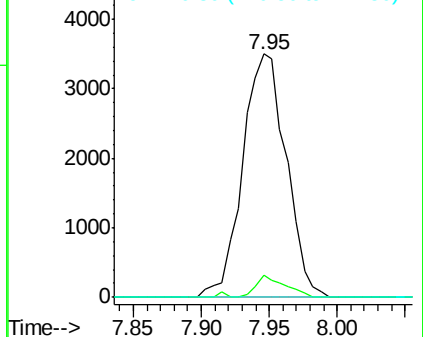
121 0.0 24.4 36.6#



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: 3.82 ug/l

RT: 9.24 min Scan# 1255

Delta R.T. -0.21 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

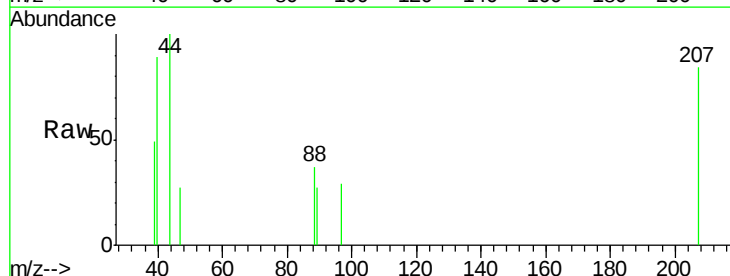
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 185.2 26.3 39.5#

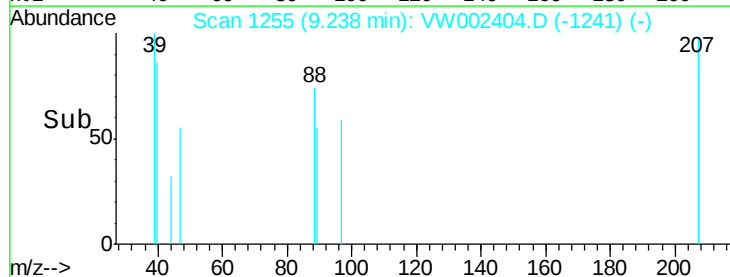
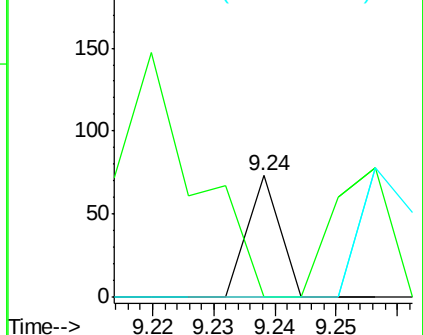
58 174.1 56.0 84.0#

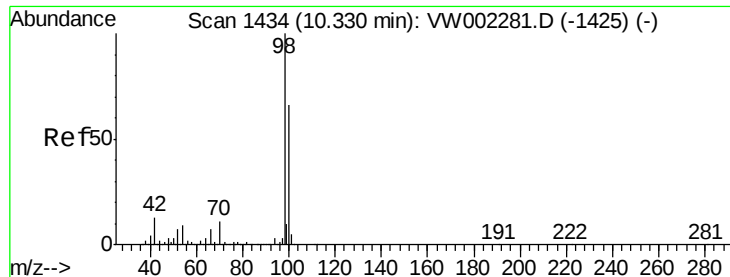


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 37.42 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

Instrument :

MSVOA_W

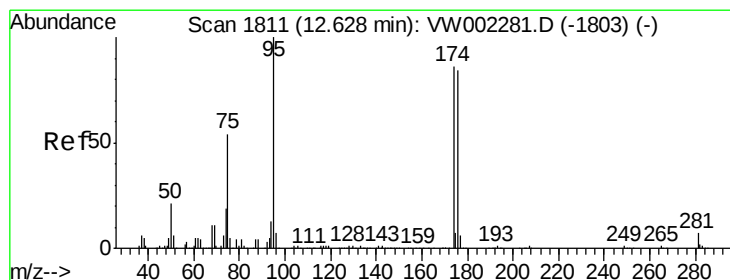
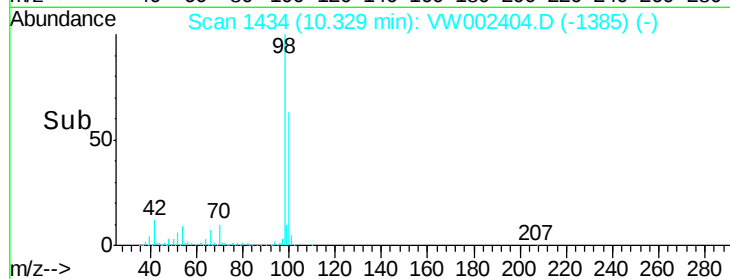
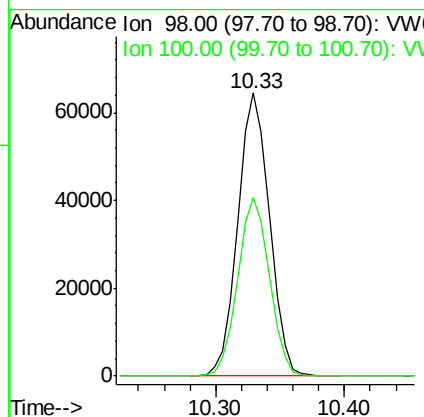
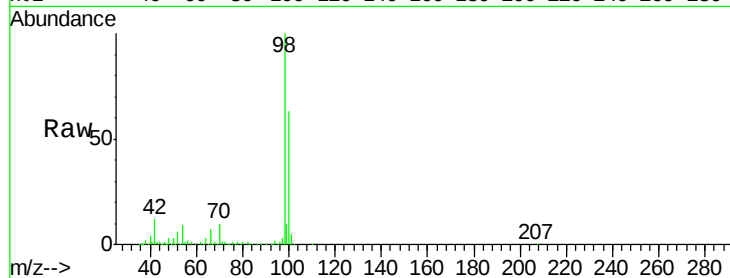
ClientSampleId :

Tot Ion: 98 Resp: 109834

Ion Ratio Lower Upper

98 100

100 62.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 37.25 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

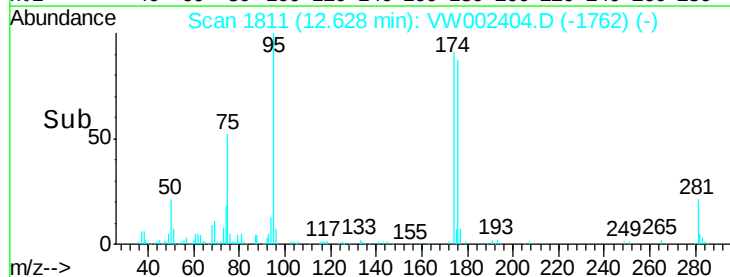
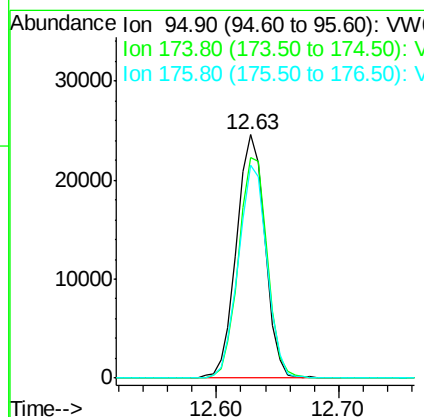
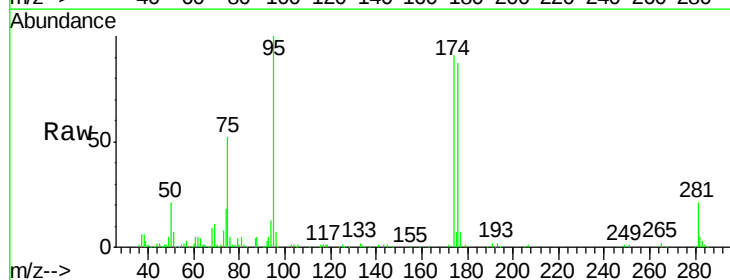
Tgt Ion: 95 Resp: 39506

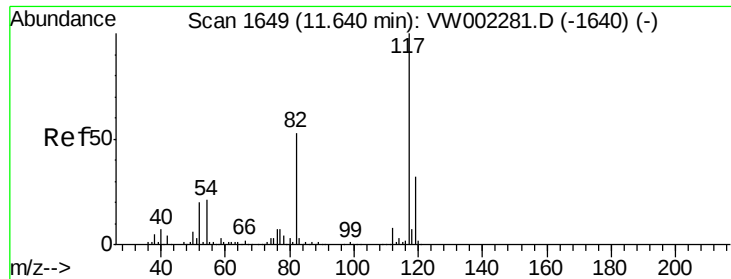
Ion Ratio Lower Upper

95 100

174 91.5 0.0 176.8

176 87.8 0.0 170.4

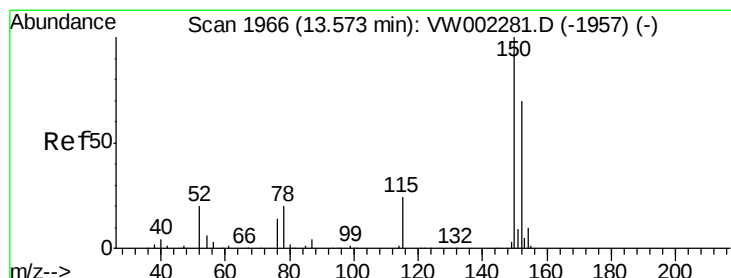
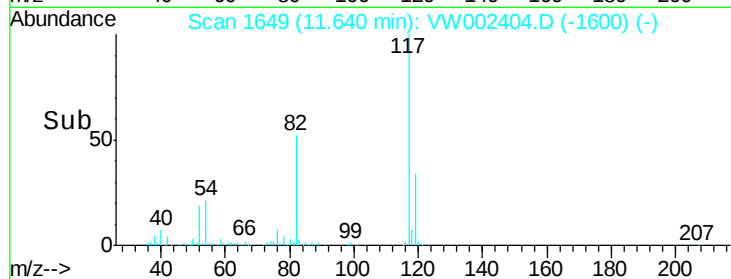
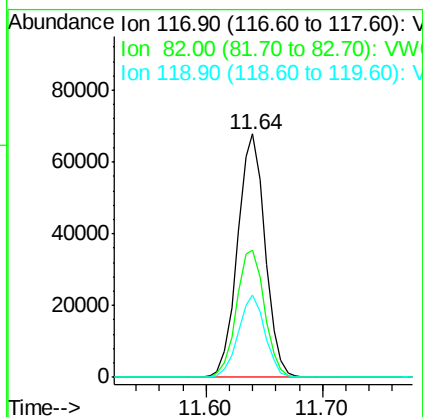
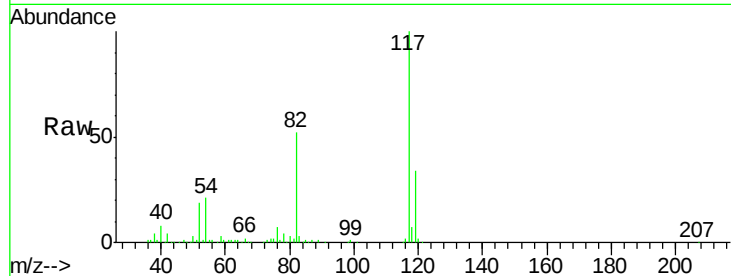




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002404.D
Acq: 11 May 2018 02:54

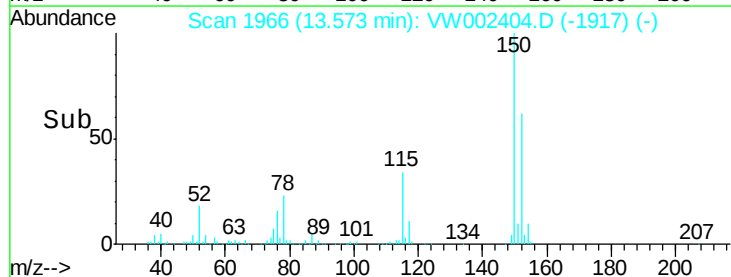
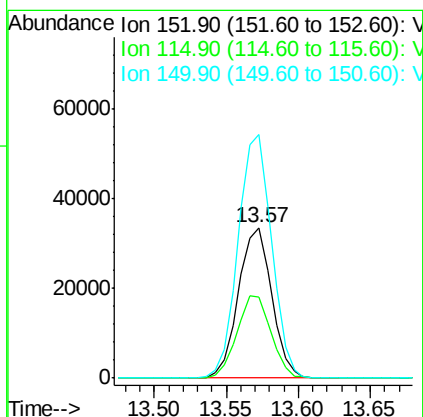
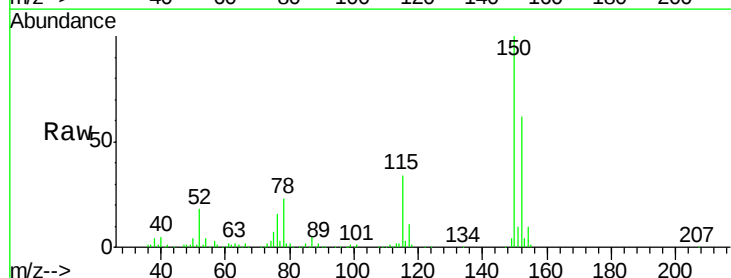
Instrument :
MSVOA_W
ClientSampled :

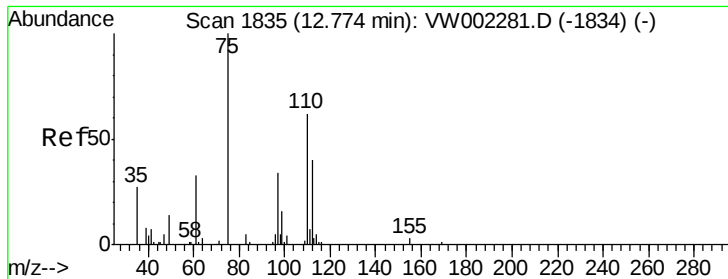
Tot Ion:117 Resp: 111531
Ion Ratio Lower Upper
117 100
82 52.4 42.6 63.8
119 33.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002404.D
Acq: 11 May 2018 02:54

Tgt Ion:152 Resp: 53788
Ion Ratio Lower Upper
152 100
115 56.2 28.5 85.5
150 163.0 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 43.51 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

Instrument :

MSVOA_W

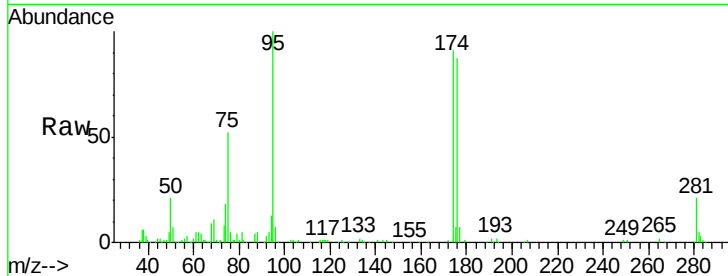
ClientSampleId :

Tot Ion: 75 Resp: 20752

Ion Ratio Lower Upper

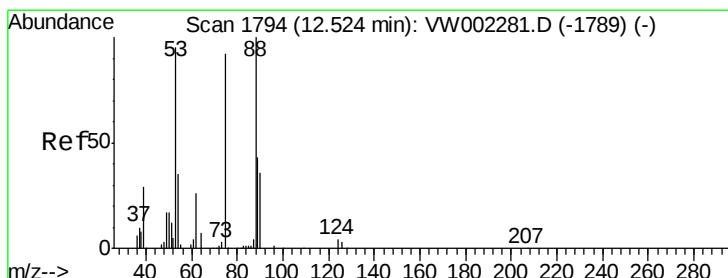
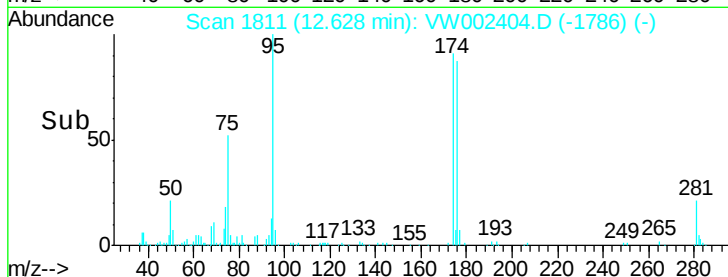
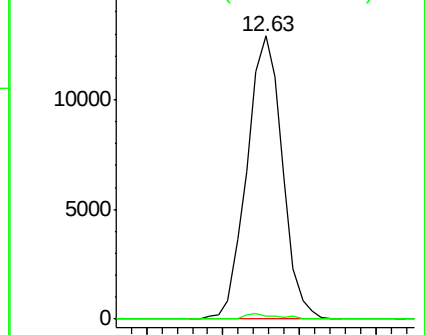
75 100

77 1.6 187.5 562.6#



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: 114.60 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002404.D

Acq: 11 May 2018 02:54

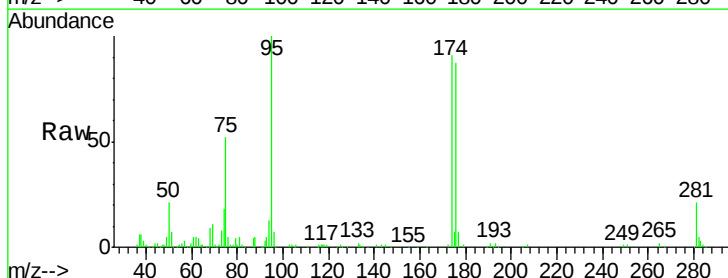
Tgt Ion: 75 Resp: 20752

Ion Ratio Lower Upper

75 100

53 0.1 79.9 119.9#

89 0.5 37.6 56.4#



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

