

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
 Data File : VW002307.D
 Acq On : 08 May 2018 20:38
 Operator : JC/SY
 Sample : J2712-01RE
 Misc : 4.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0011

Quant Time: May 09 08:27:04 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	26164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	37210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	31125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14189	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	10604	38.17	ug/l	0.00
Spiked Amount			Recovery	=	76.34%	
35) Dibromofluoromethane	7.88	113	9913	41.56	ug/l	0.00
Spiked Amount			Recovery	=	83.12%	
50) Toluene-d8	10.33	98	30941	34.02	ug/l	0.00
Spiked Amount			Recovery	=	68.04%	
62) 4-Bromofluorobenzene	12.63	95	11003	33.48	ug/l	0.00
Spiked Amount			Recovery	=	66.96%	

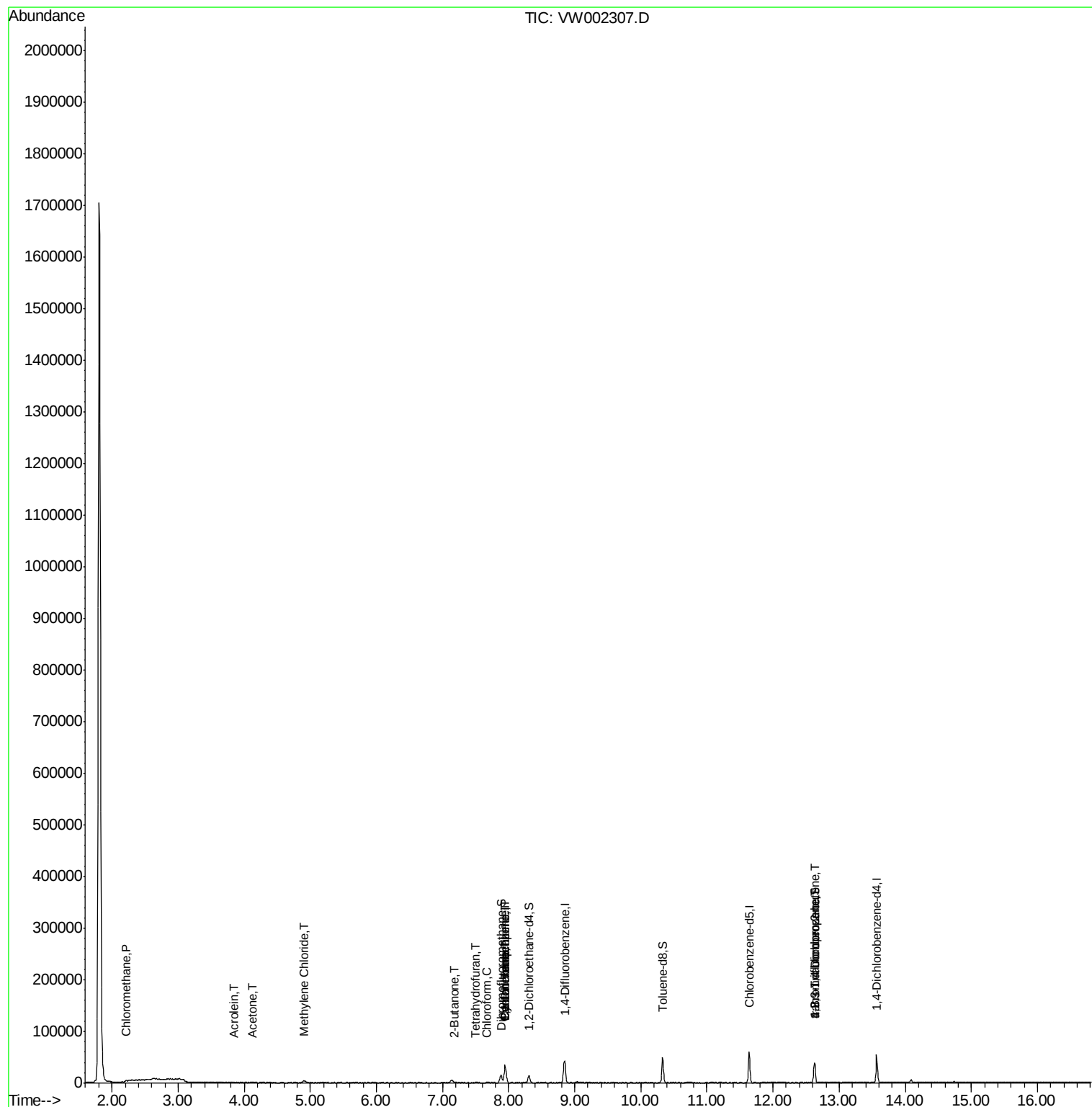
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.22	50	207	1.03	ug/l #	41
13) Acrolein	3.84	56	44	2.60	ug/l #	14
16) Acetone	4.13	43	552	10.17	ug/l #	47
20) Methylene Chloride	4.90	84	2846	10.88	ug/l #	76
25) 2-Butanone	7.18	43	117	1.45	ug/l #	49
29) Tetrahydrofuran	7.51	42	302	5.72	ug/l #	33
30) Chloroform	7.67	83	644	1.33	ug/l #	76
31) Cyclohexane	7.95	56	593	1.44	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	2047	6.08	ug/l #	49
38) Carbon Tetrachloride	7.96	117	2547	7.83	ug/l #	19
76) 1,2,3-Trichloropropane	12.63	75	5628	44.73	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	5628	117.82	ug/l #	10

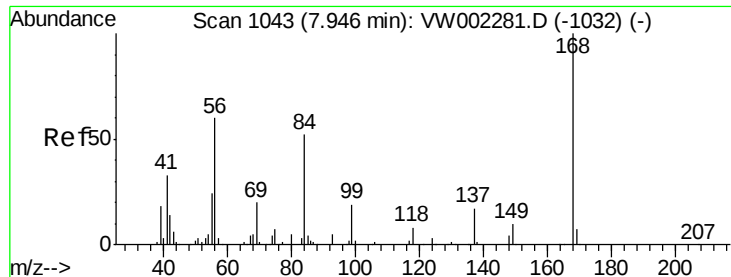
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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0011

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
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: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

ClientSampled :

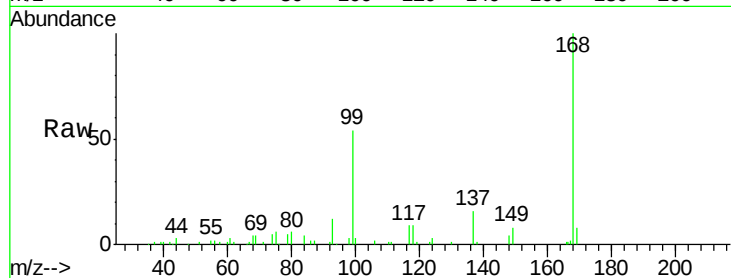
0011

Tgt Ion:168 Resp: 26164

Ion Ratio Lower Upper

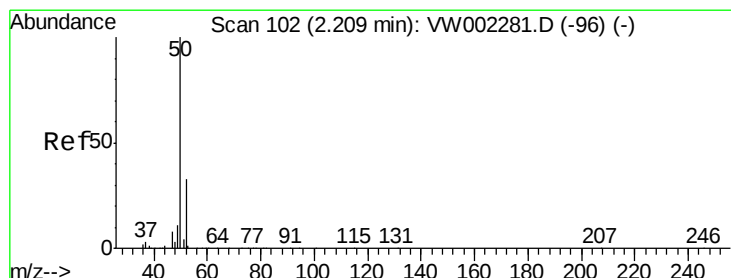
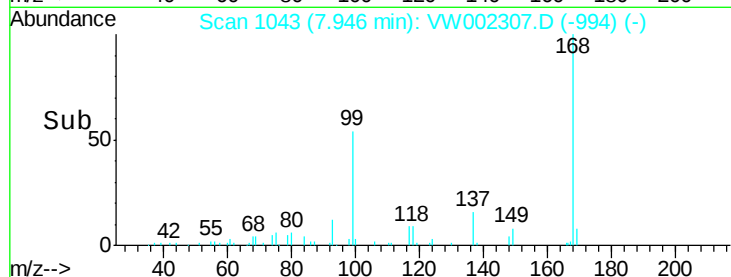
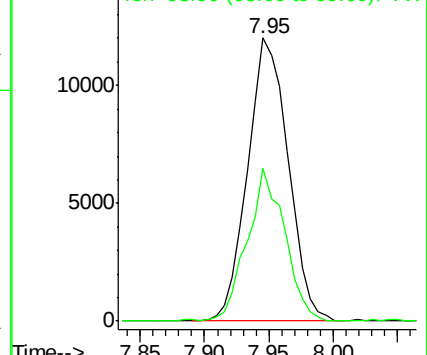
168 100

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



#3

Chloromethane

Concen: 1.03 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.01 min

Lab File: VW002307.D

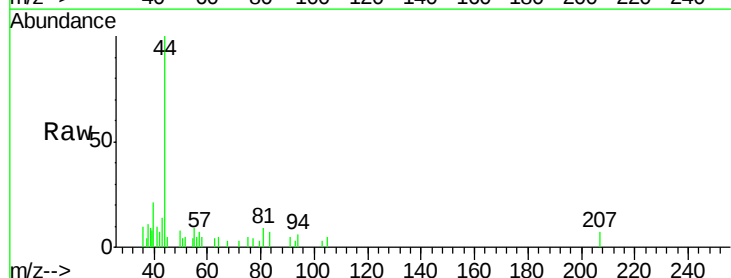
Acq: 08 May 2018 20:38

Tgt Ion: 50 Resp: 207

Ion Ratio Lower Upper

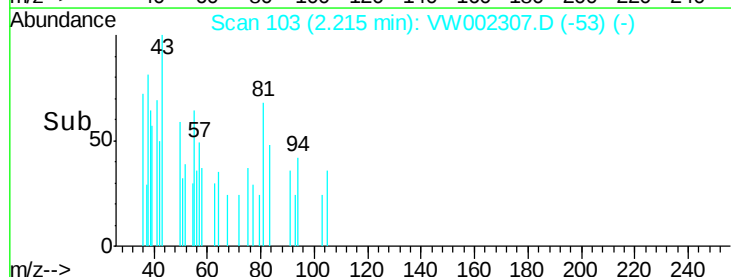
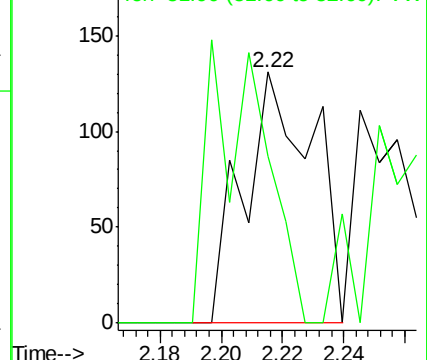
50 100

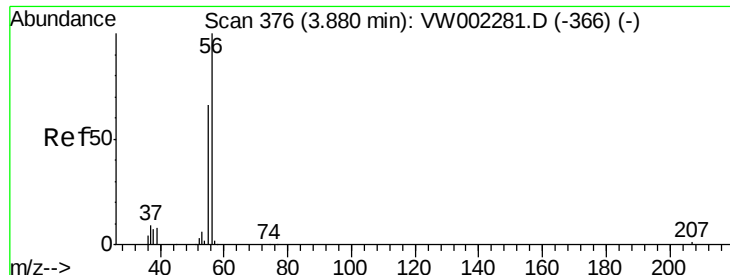
52 66.4 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#13

Acrolein

Concen: 2.60 ug/l

RT: 3.84 min Scan# 370

Delta R.T. -0.04 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

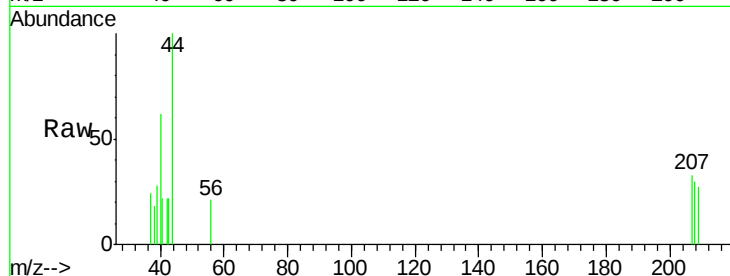
0011

Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

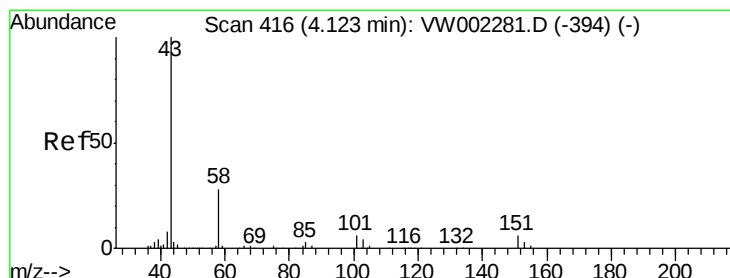
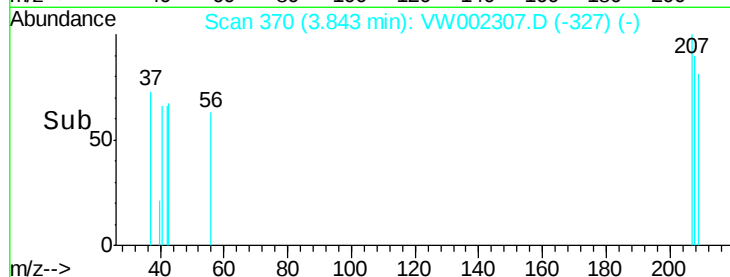
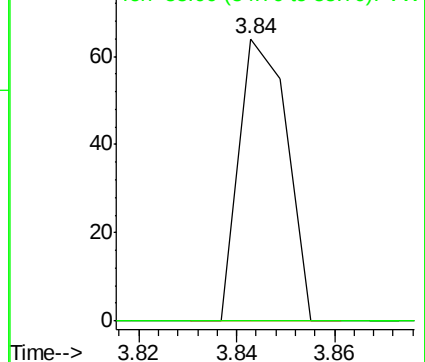
56 100

55 0.0 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 10.17 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002307.D

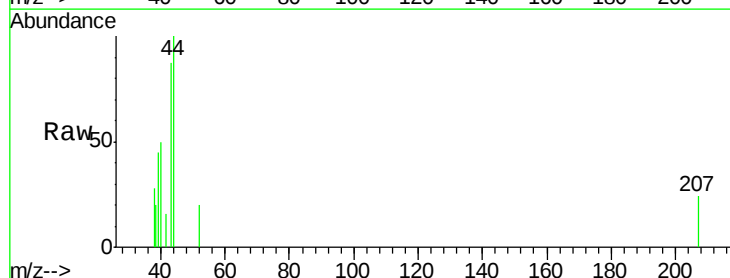
Acq: 08 May 2018 20:38

Tgt Ion: 43 Resp: 552

Ion Ratio Lower Upper

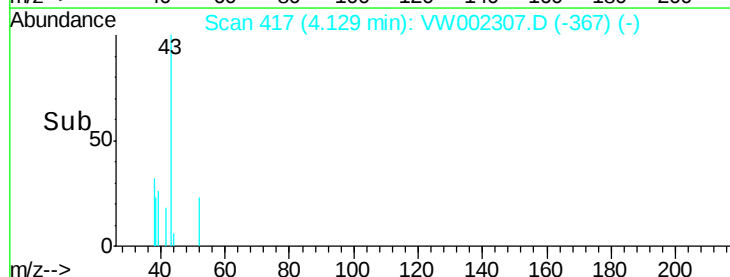
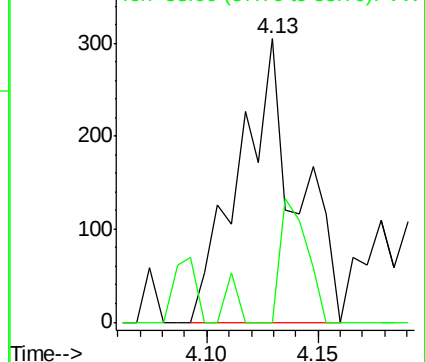
43 100

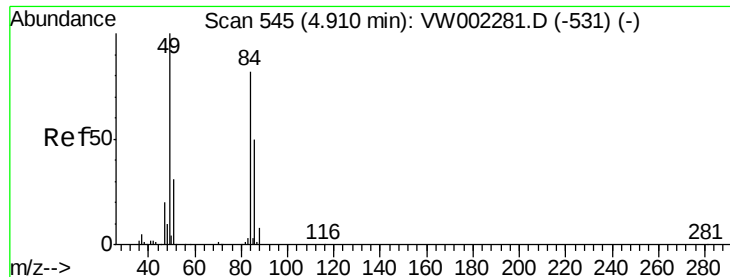
58 0.0 22.2 33.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

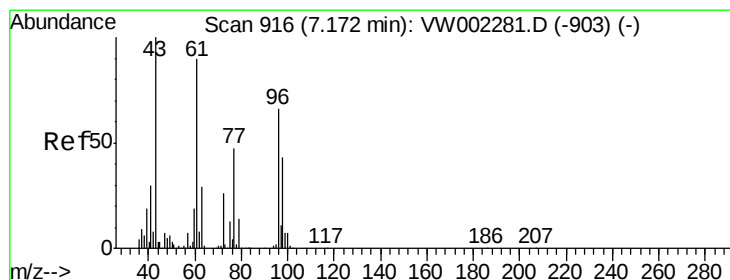
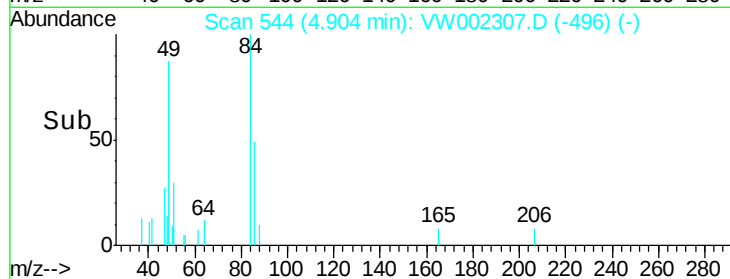
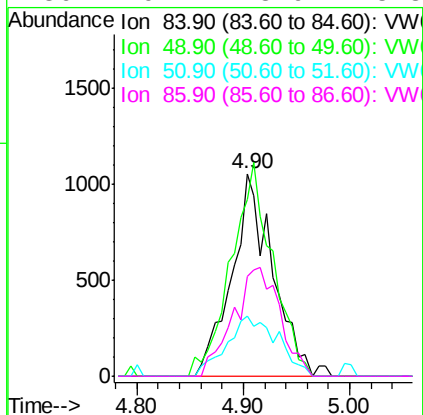
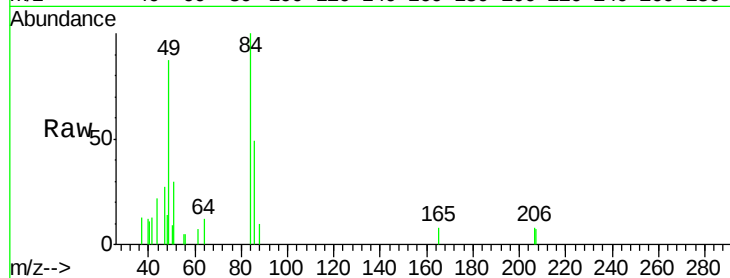




#20
Methylene Chloride
Concen: 10.88 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

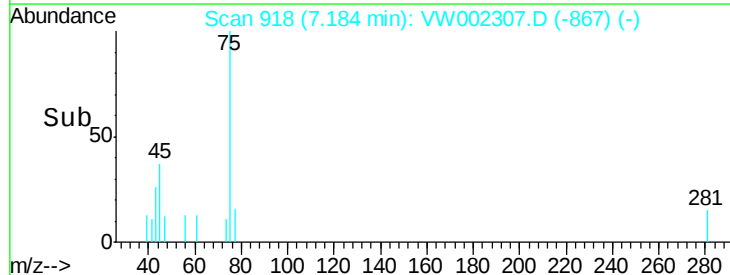
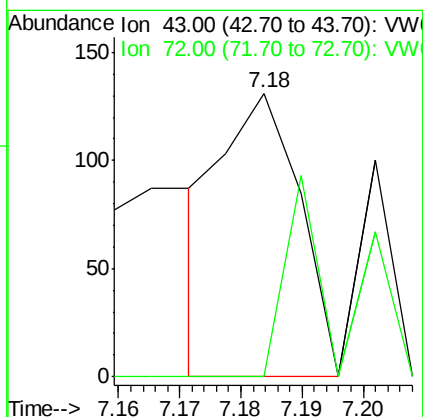
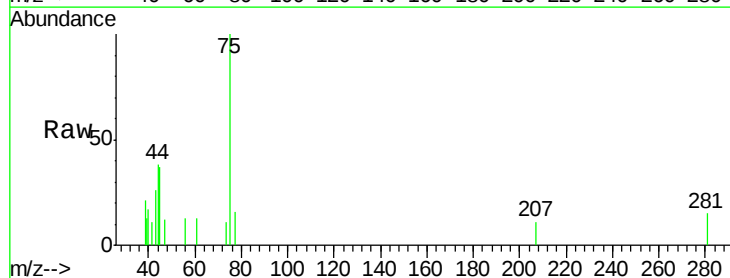
Instrument :
MSVOA_W
ClientSampleId :
0011

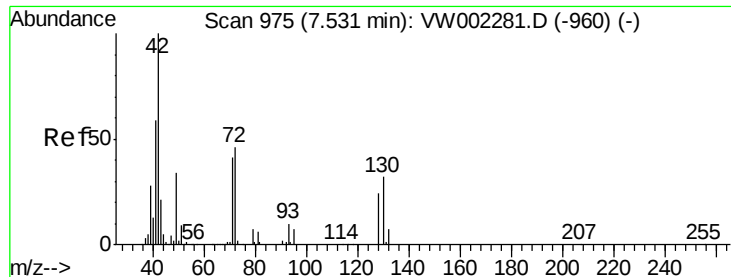
Tgt Ion: 84 Resp: 2846
Ion Ratio Lower Upper
84 100
49 87.3 97.7 146.5#
51 29.7 30.2 45.4#
86 49.2 48.9 73.3



#25
2-Butanone
Concen: 1.45 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#

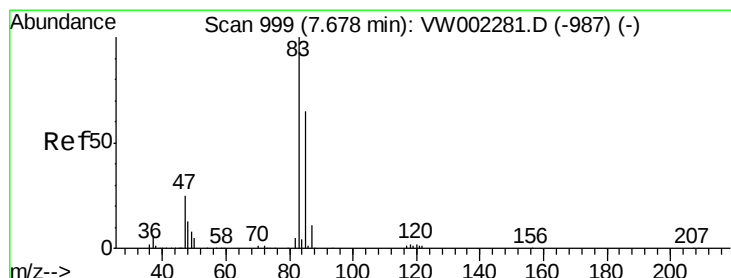
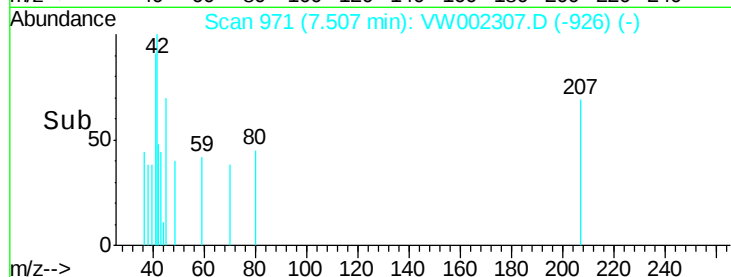
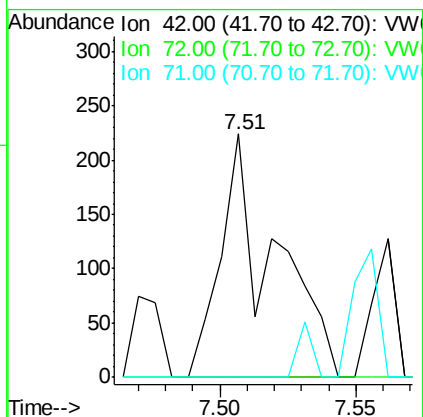
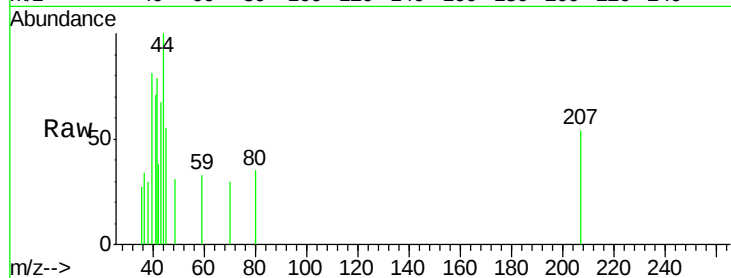




#29
Tetrahydrofuran
Concen: 5.72 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.02 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

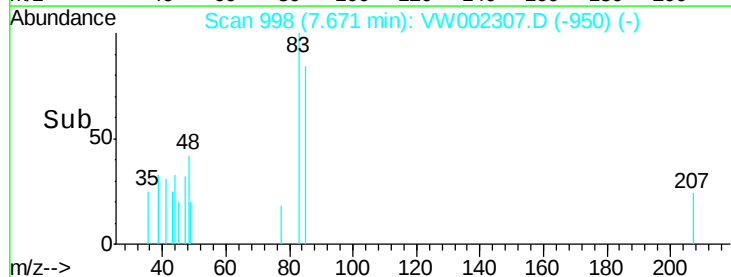
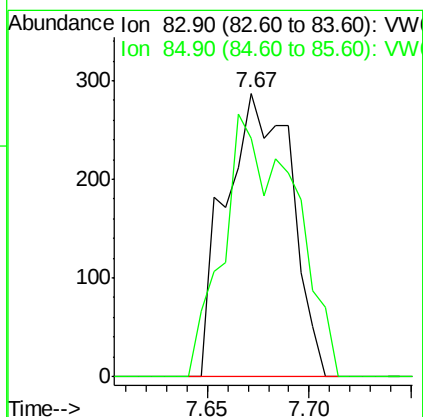
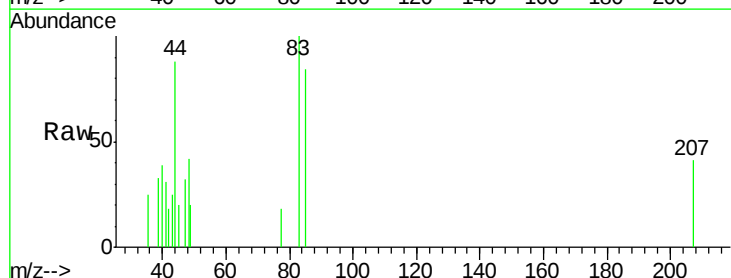
Instrument :
MSVOA_W
ClientSampled :
0011

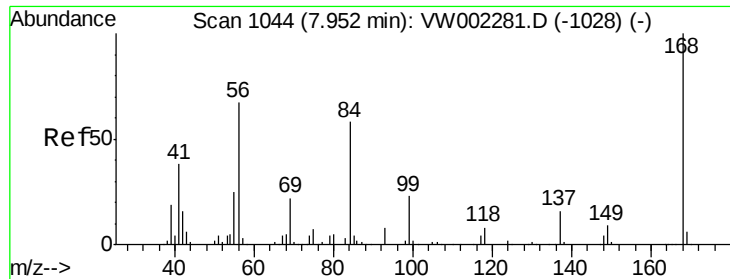
Tgt Ion: 42 Resp: 302
Ion Ratio Lower Upper
42 100
72 0.0 34.5 51.7#
71 0.0 33.0 49.6#



#30
Chloroform
Concen: 1.33 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

Tgt Ion: 83 Resp: 644
Ion Ratio Lower Upper
83 100
85 84.0 51.8 77.6#

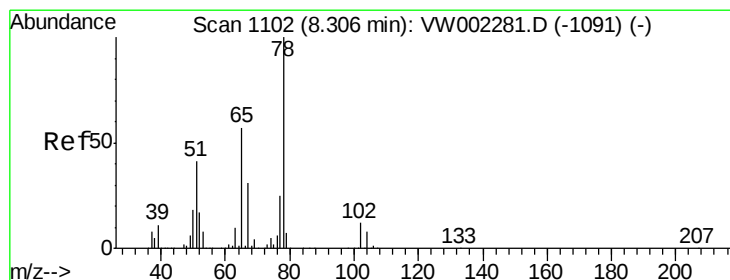
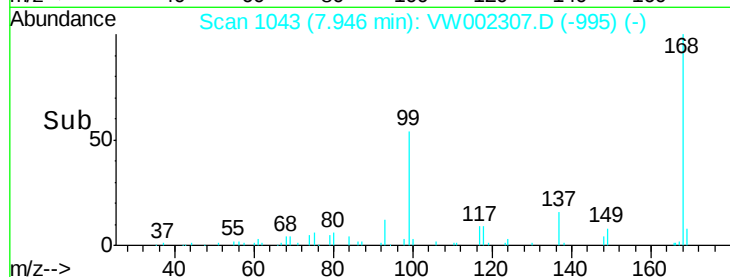
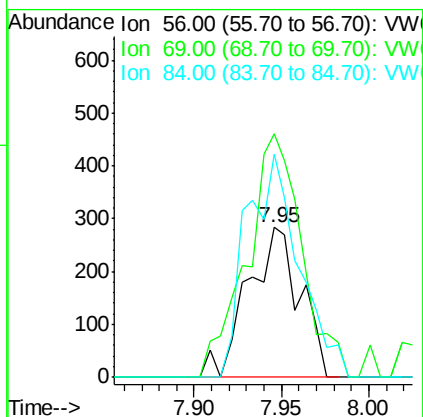
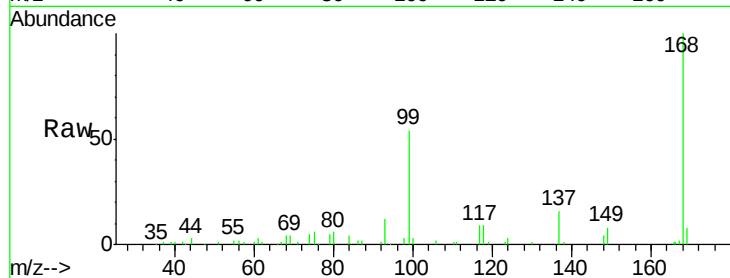




#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

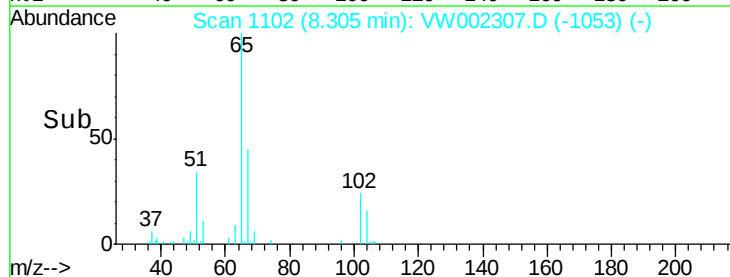
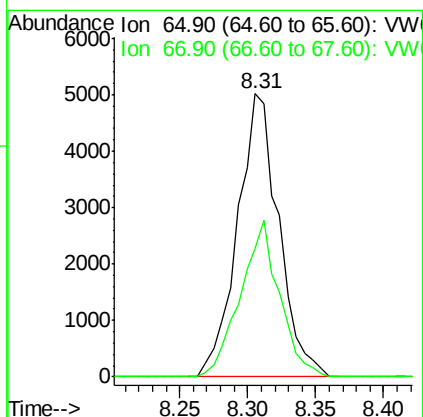
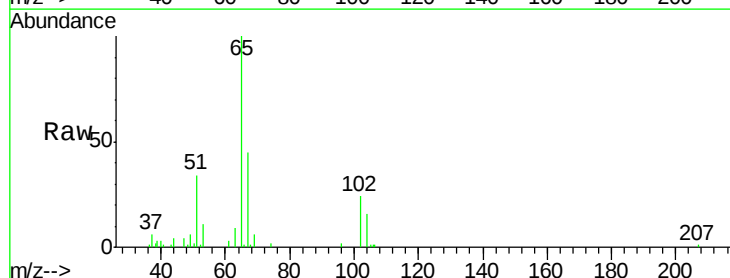
Instrument :
MSVOA_W
ClientSampled :
0011

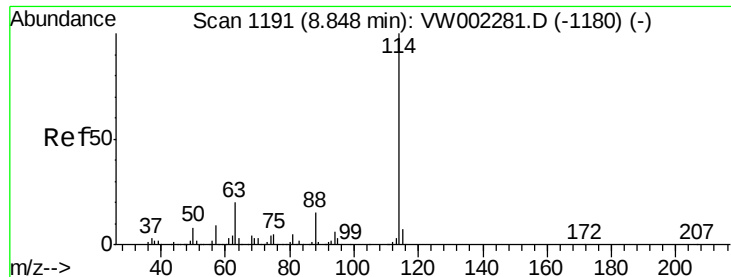
Tgt Ion: 56 Resp: 593
Ion Ratio Lower Upper
56 100
69 162.9 26.2 39.4#
84 149.1 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 38.17 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

Tgt Ion: 65 Resp: 10604
Ion Ratio Lower Upper
65 100
67 52.5 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: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

0011

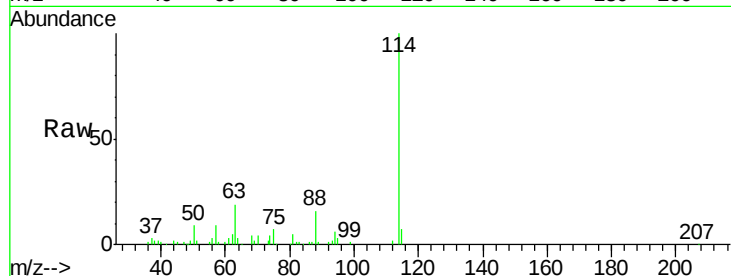
Tgt Ion:114 Resp: 37210

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.0

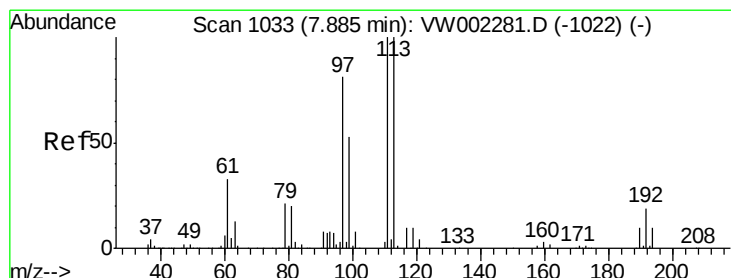
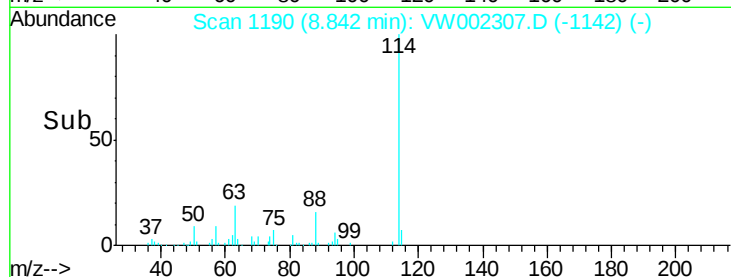
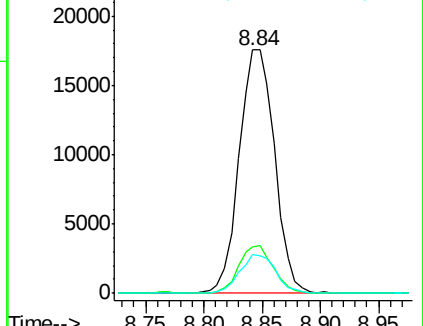
88 16.0 0.0 29.6



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: 41.56 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

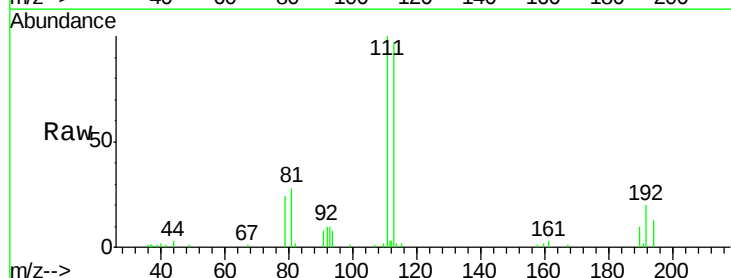
Tgt Ion:113 Resp: 9913

Ion Ratio Lower Upper

113 100

111 105.4 81.5 122.3

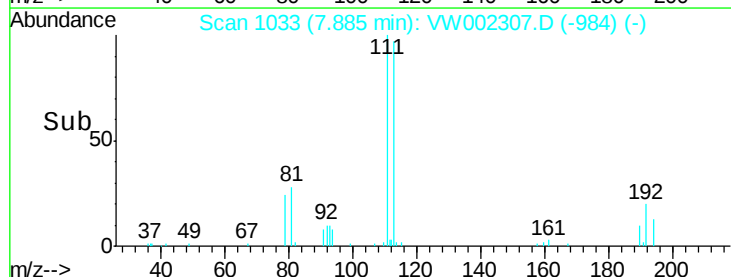
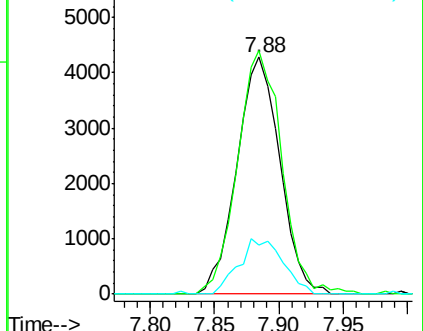
192 23.9 16.4 24.6

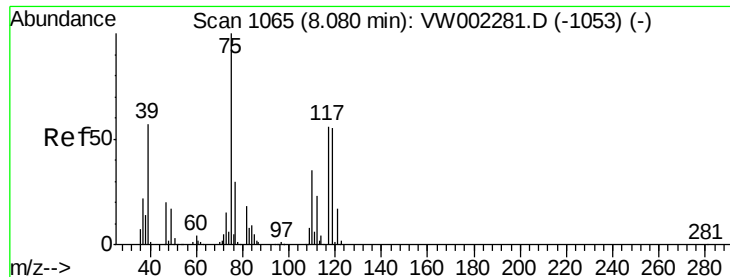


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 6.08 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

ClientSampleId :

0011

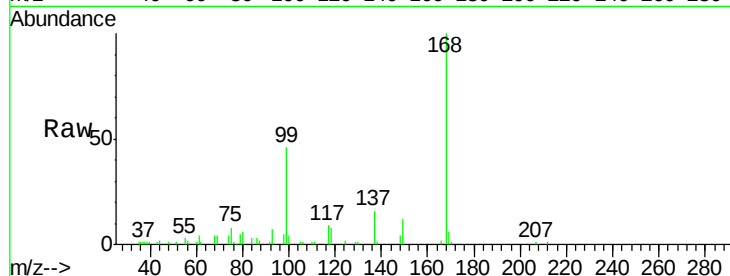
Tgt Ion: 75 Resp: 2047

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.1#

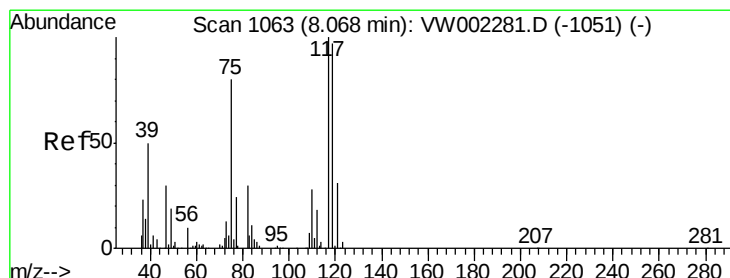
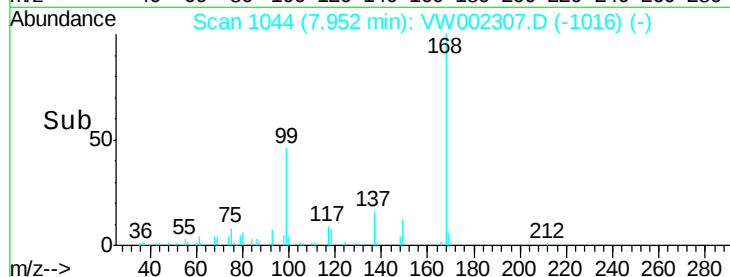
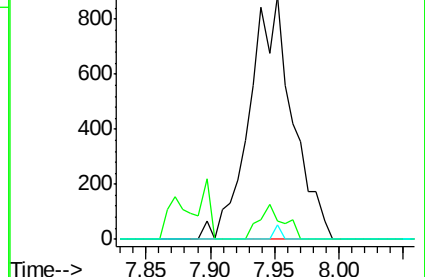
77 1.0 24.5 36.7#



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: 7.83 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

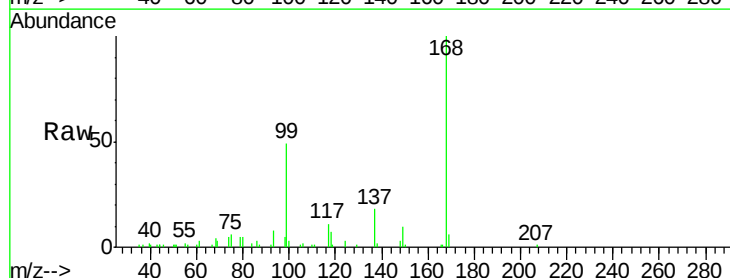
Tgt Ion: 117 Resp: 2547

Ion Ratio Lower Upper

117 100

119 9.4 77.5 116.3#

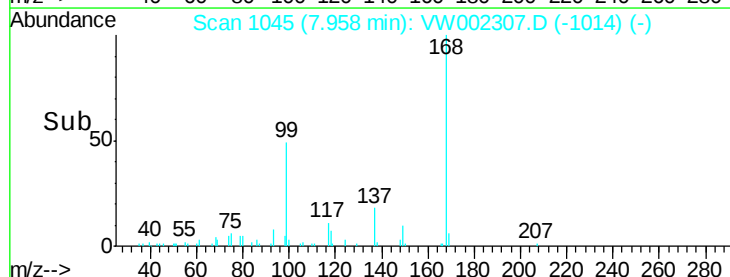
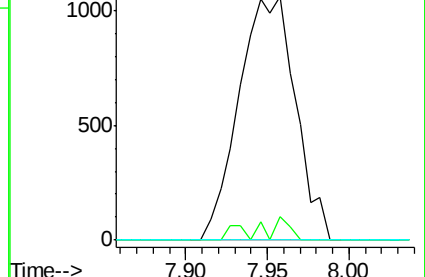
121 0.0 24.4 36.6#

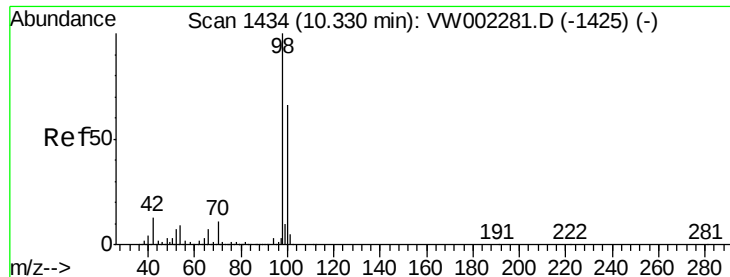


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 34.02 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

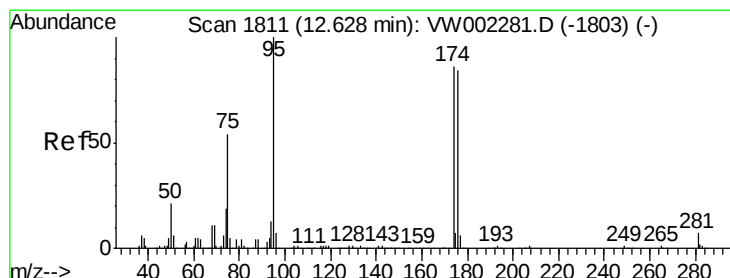
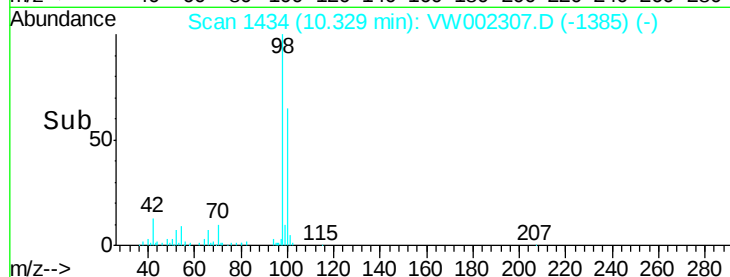
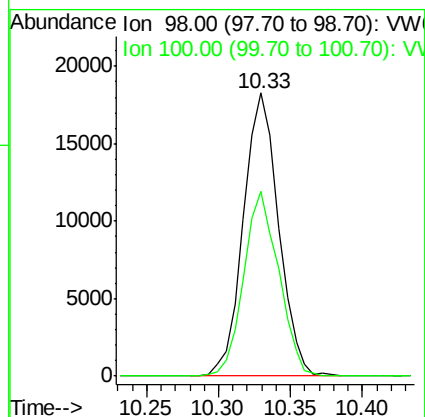
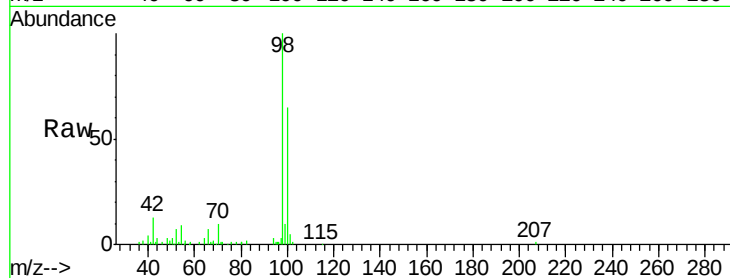
ClientSampleId :
0011

Tgt Ion: 98 Resp: 30941

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 33.48 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

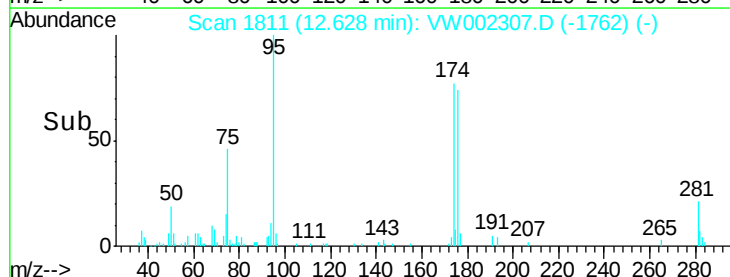
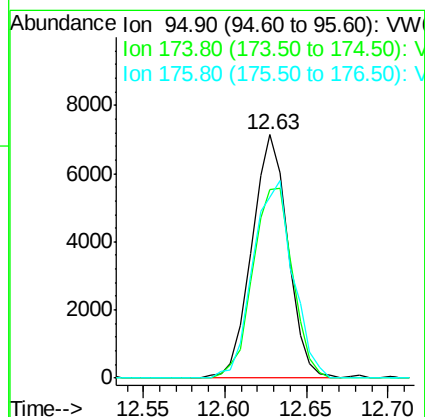
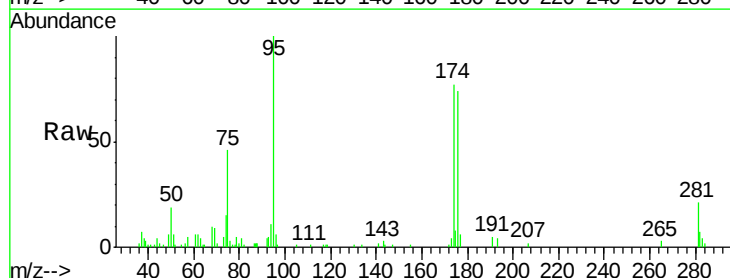
Tgt Ion: 95 Resp: 11003

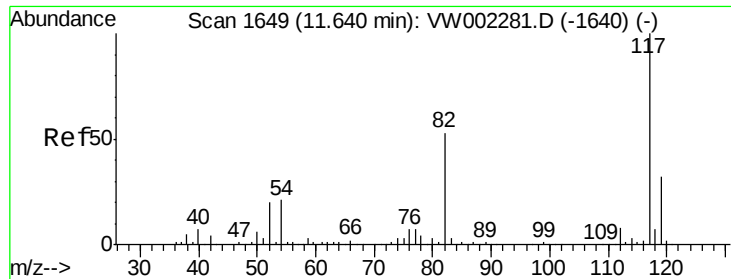
Ion Ratio Lower Upper

95 100

174 86.1 0.0 176.8

176 89.4 0.0 170.4

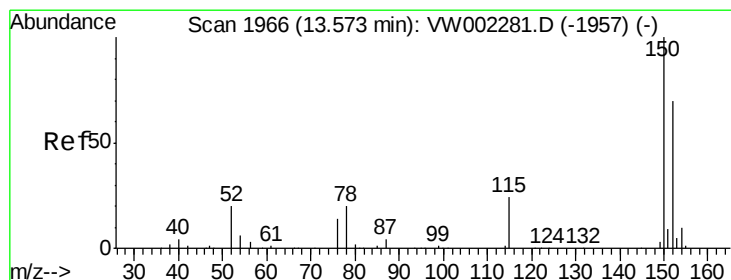
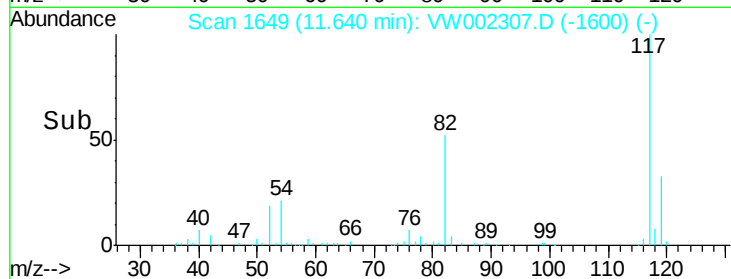
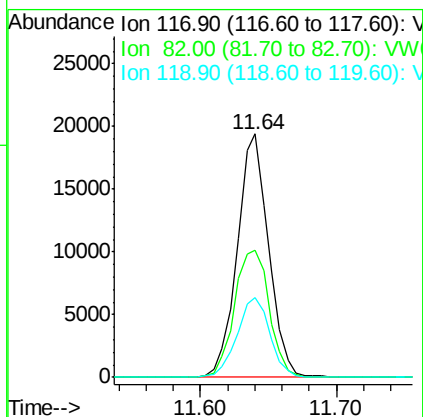
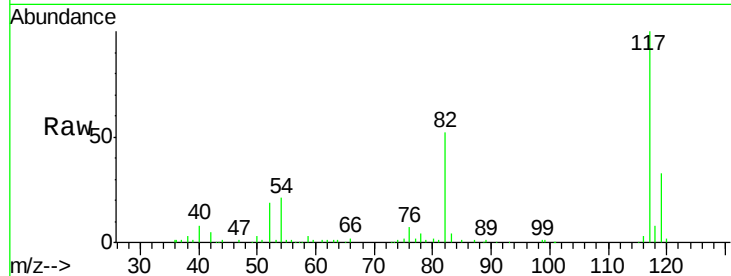




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

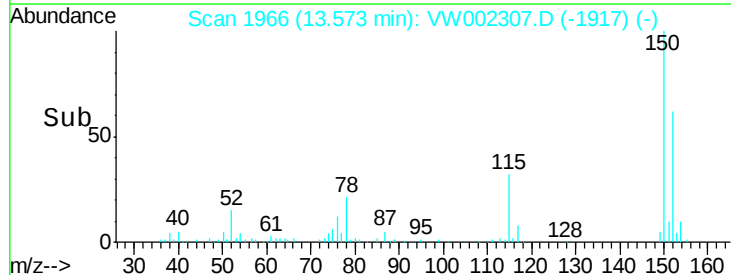
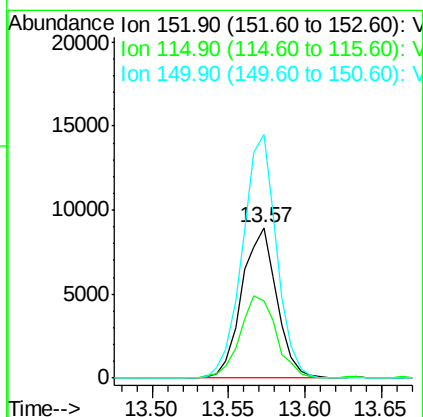
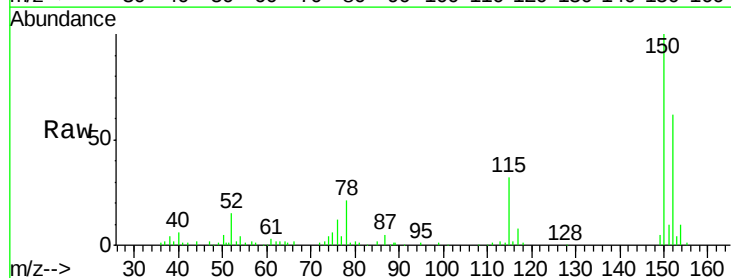
Instrument :
MSVOA_W
ClientSampled :
0011

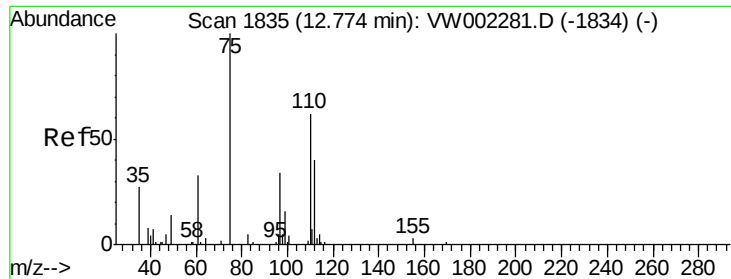
Tgt Ion:117 Resp: 31125
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002307.D
Acq: 08 May 2018 20:38

Tgt Ion:152 Resp: 14189
Ion Ratio Lower Upper
152 100
115 56.9 28.5 85.5
150 157.4 0.0 342.6





#76

1,2,3-Trichloropropane

Concen: 44.73 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

Instrument :

MSVOA_W

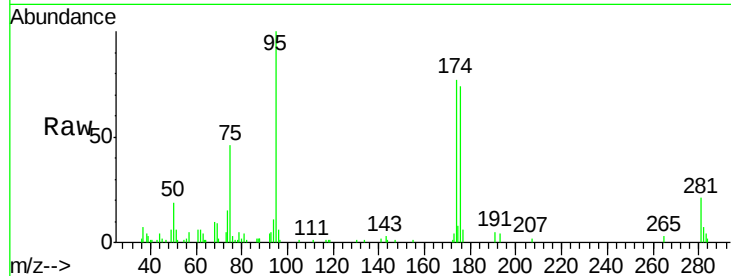
ClientSampled :
0011

Tgt Ion: 75 Resp: 5628

Ion Ratio Lower Upper

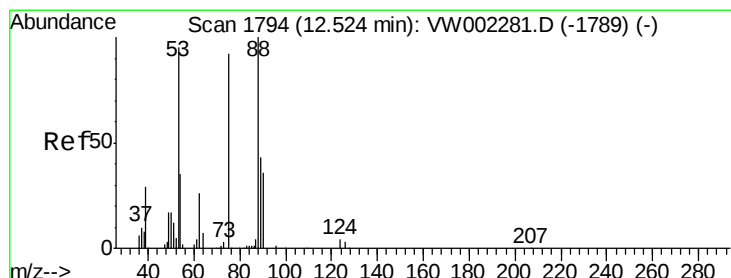
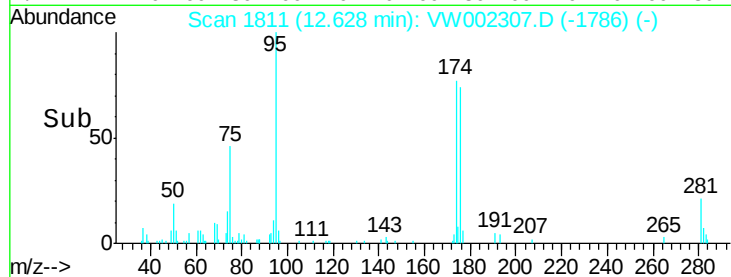
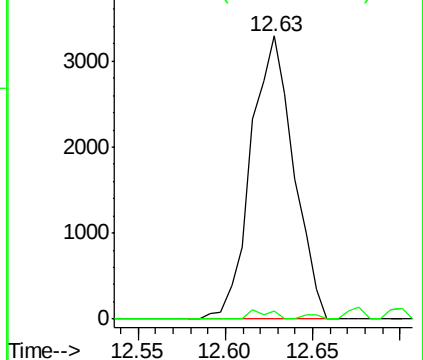
75 100

77 1.7 187.5 562.6#



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: 117.82 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002307.D

Acq: 08 May 2018 20:38

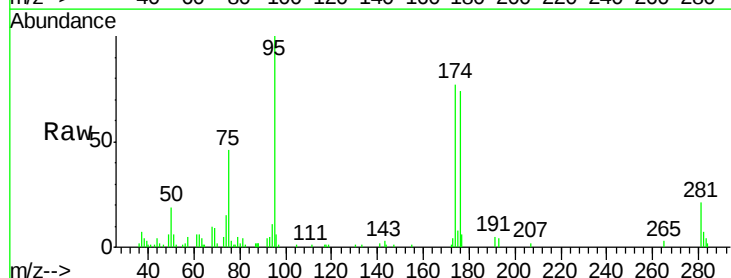
Tgt Ion: 75 Resp: 5628

Ion Ratio Lower Upper

75 100

53 1.0 79.9 119.9#

89 0.0 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

