

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090618\
 Data File : VW005155.D
 Acq On : 06 Sep 2018 11:25
 Operator : SY/AP
 Sample : VW0906SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBL01

Quant Time: Sep 06 13:53:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	519106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	792191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	766261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	396401	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	246937	57.39	ug/l	0.00
Spiked Amount			Recovery	=	114.78%	
35) Dibromofluoromethane	7.89	113	236475	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	
50) Toluene-d8	10.33	98	1082535	51.32	ug/l	0.00
Spiked Amount			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	380927	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	

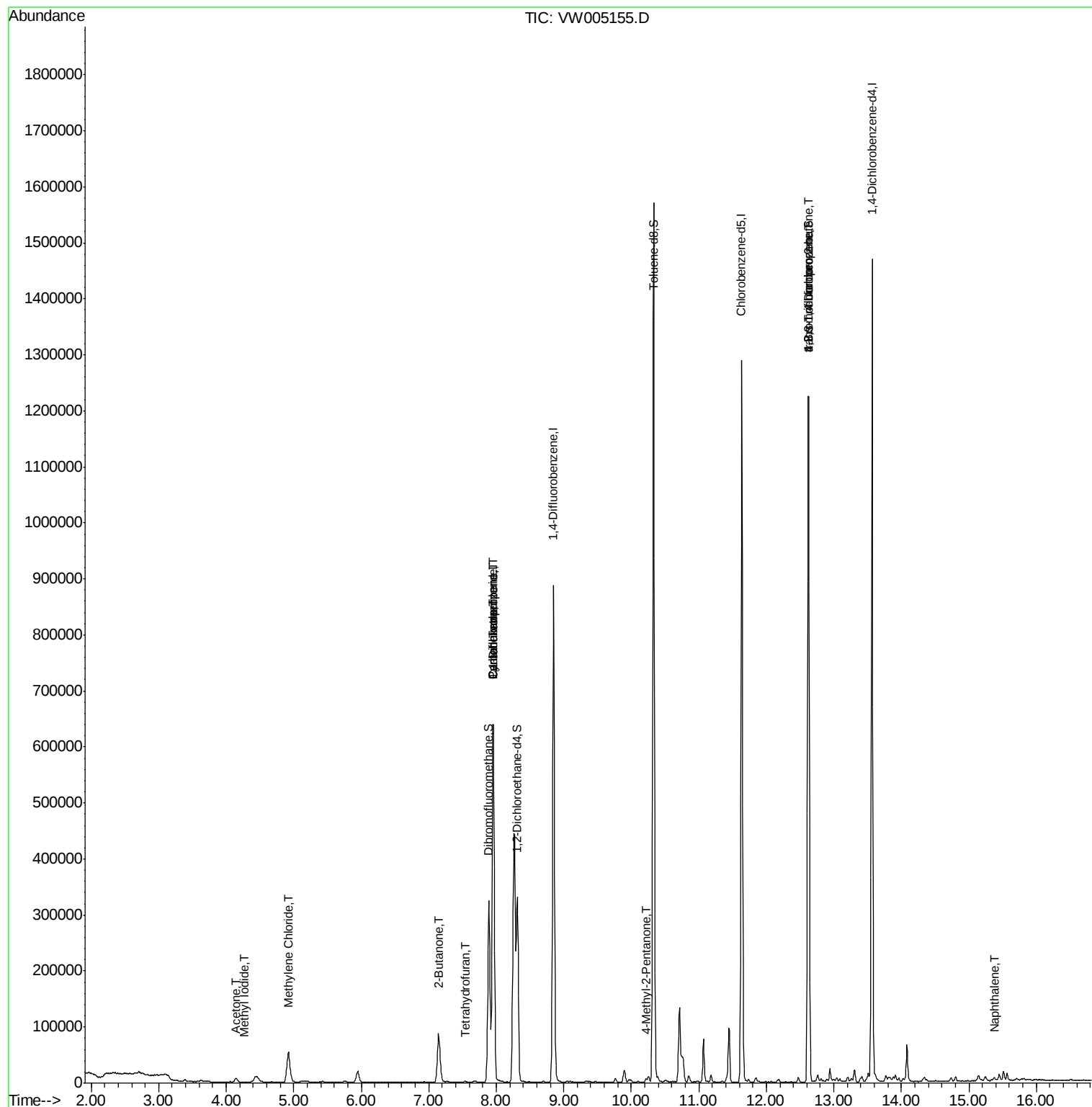
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	709	Below Cal		84
10) Methyl Iodide	4.27	142	437	3.878	ug/l #	55
11) Tert butyl alcohol	5.19	59	981	Below Cal	#	83
16) Acetone	4.14	43	12917	14.968	ug/l #	88
20) Methylene Chloride	4.92	84	43634	3.895	ug/l	98
25) 2-Butanone	7.15	43	3983	2.661	ug/l #	74
29) Tetrahydrofuran	7.54	42	1206	1.577	ug/l #	76
31) Cyclohexane	7.95	56	9420	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	36678	4.861	ug/l #	47
38) Carbon Tetrachloride	7.96	117	46879	6.535	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	5322	1.547	ug/l #	87
76) 1,2,3-Trichloropropane	12.63	75	177032	59.497	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	177032	143.203	ug/l #	15
95) Naphthalene	15.38	128	5693	4.346	ug/l	97

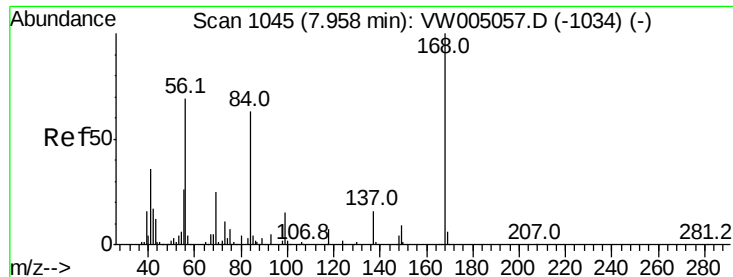
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

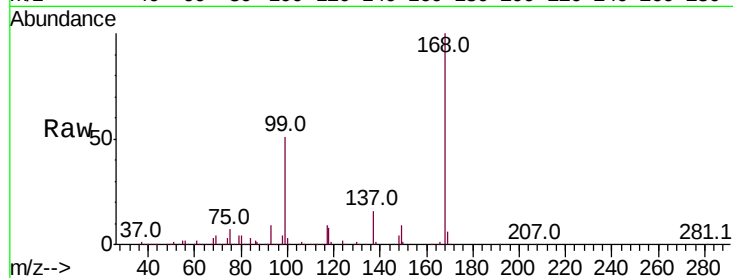
VW0906SBL01

Tot Ion:168 Resp: 519106

Ion Ratio Lower Upper

168 100

99 51.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

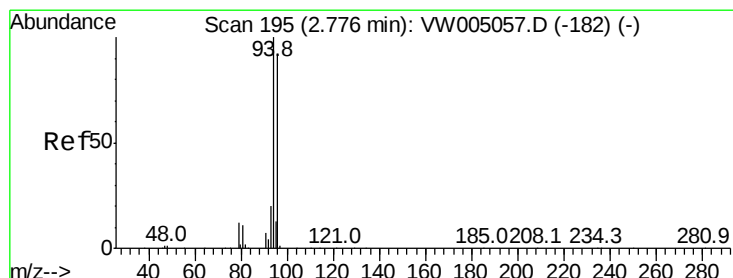
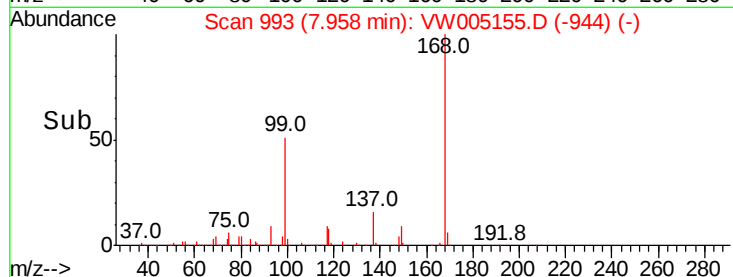
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW005155.D

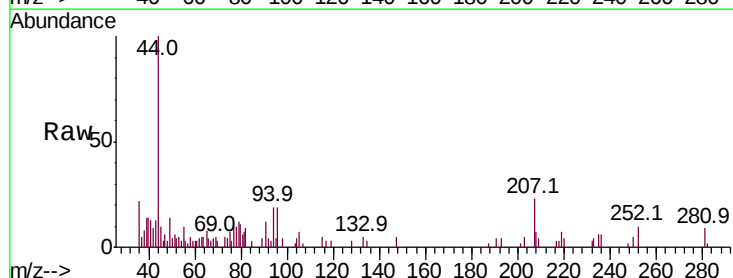
Acq: 06 Sep 2018 11:25

Tgt Ion: 94 Resp: 709

Ion Ratio Lower Upper

94 100

96 76.1 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

600

500

400

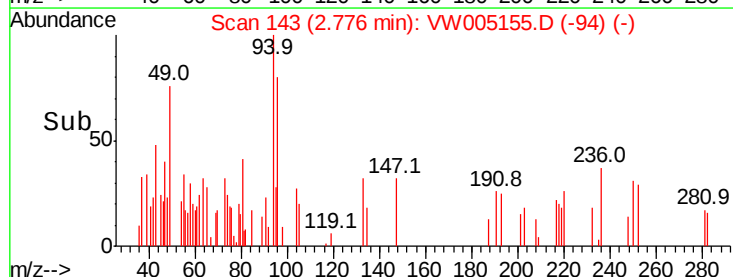
300

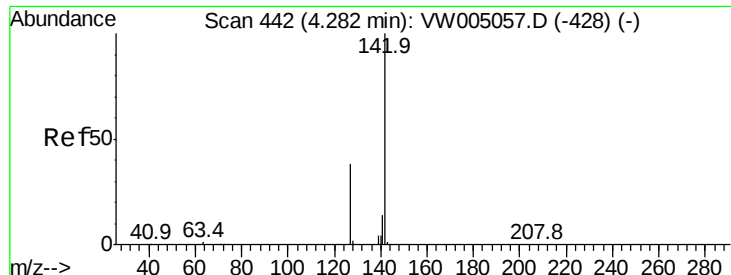
200

100

0

Time--> 2.75 2.80

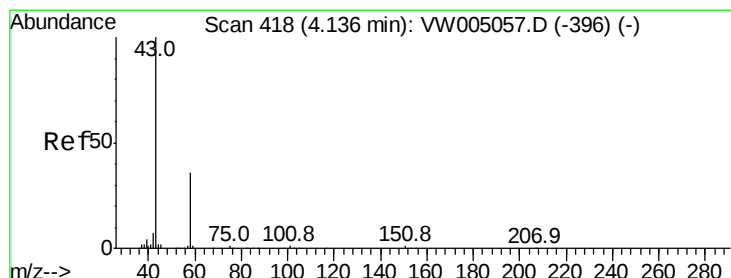
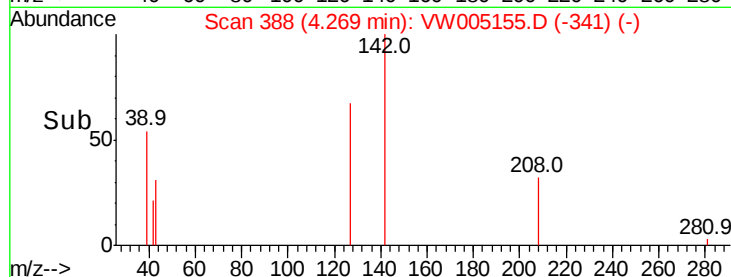
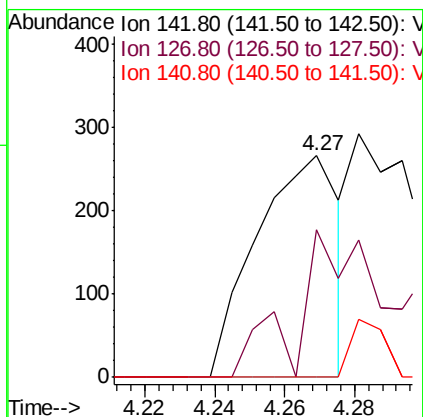
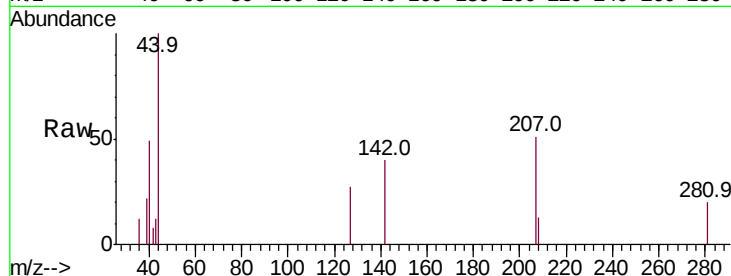




#10
Methvl Iodide
Concen: 3.878 ug/l
RT: 4.27 min Scan# 388
Delta R.T. -0.01 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

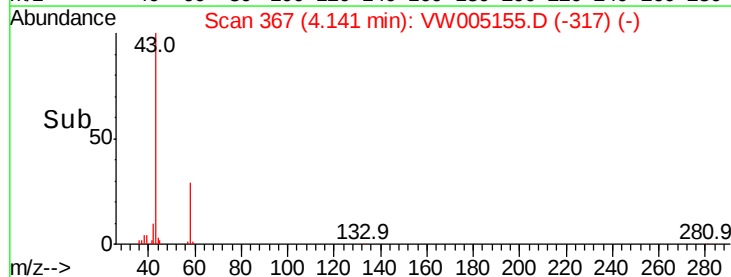
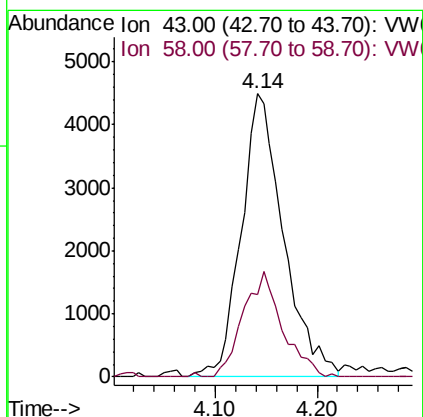
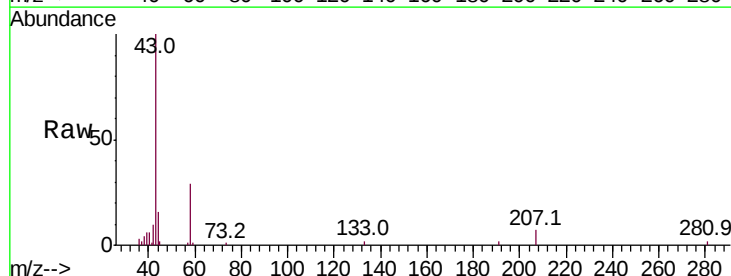
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

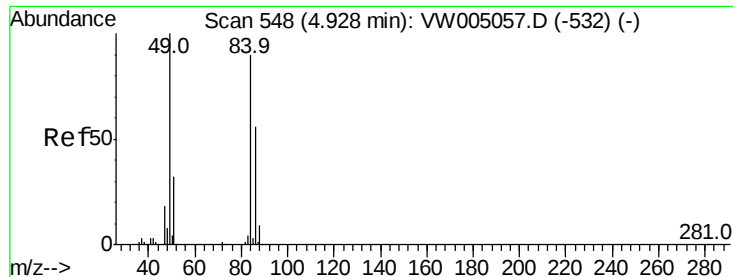
Tot Ion:142 Resp: 437
Ion Ratio Lower Upper
142 100
127 73.9 30.8 46.2#
141 10.5 11.6 17.4#



#16
Acetone
Concen: 14.968 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

Tgt Ion: 43 Resp: 12917
Ion Ratio Lower Upper
43 100
58 29.0 29.0 43.6#





#20

Methylene Chloride

Concen: 3.895 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

Tot Ion: 84 Resp: 43634

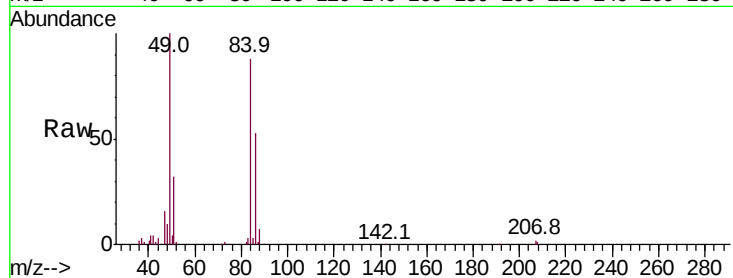
Ion Ratio Lower Upper

84 100

49 113.5 88.7 133.1

51 36.1 28.6 42.8

86 60.4 49.4 74.2



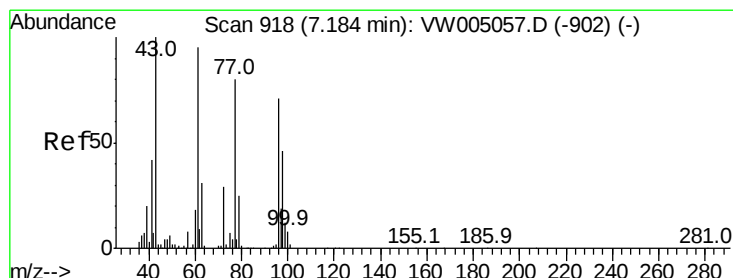
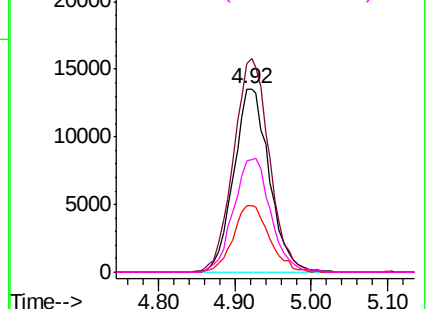
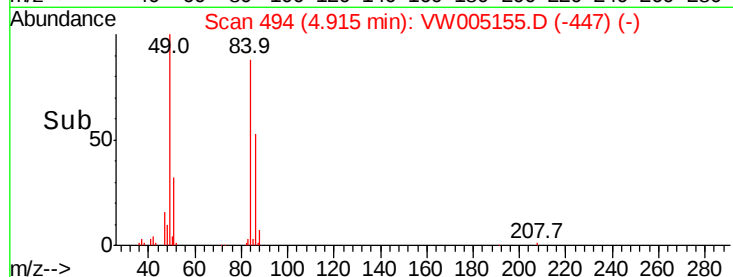
Abundance

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: 2.661 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW005155.D

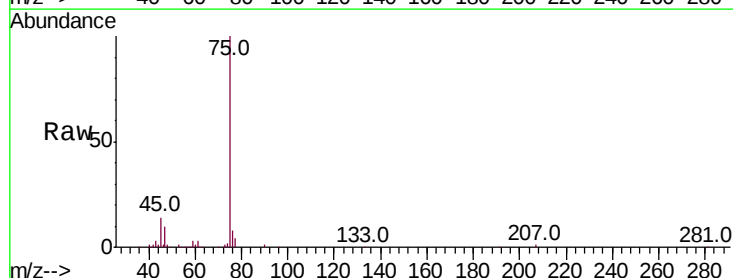
Acq: 06 Sep 2018 11:25

Tgt Ion: 43 Resp: 3983

Ion Ratio Lower Upper

43 100

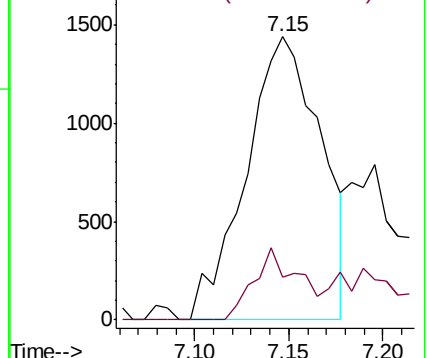
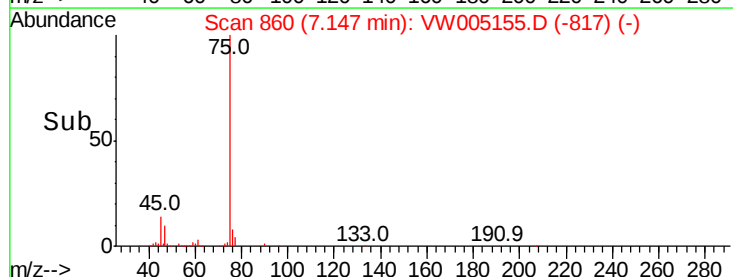
72 15.2 23.1 34.7#

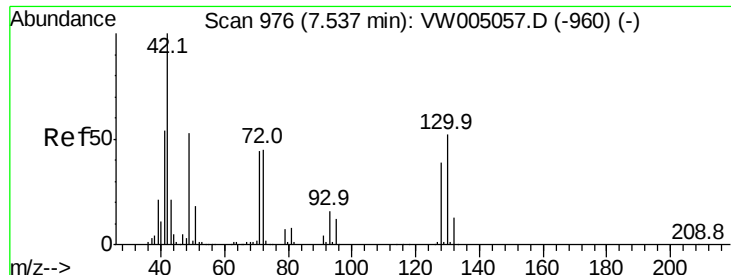


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

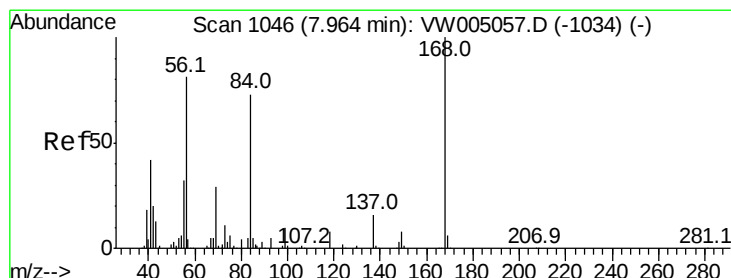
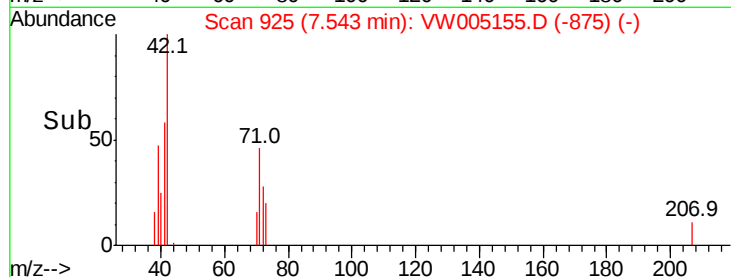
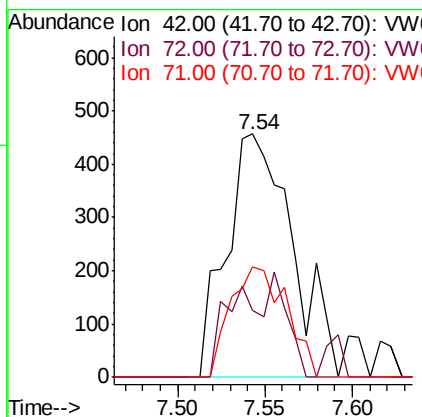
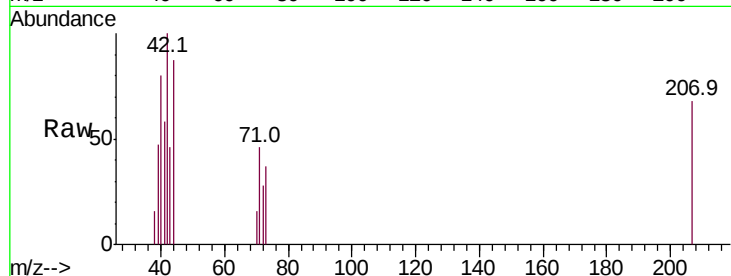




#29
Tetrahydrofuran
Concen: 1.577 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

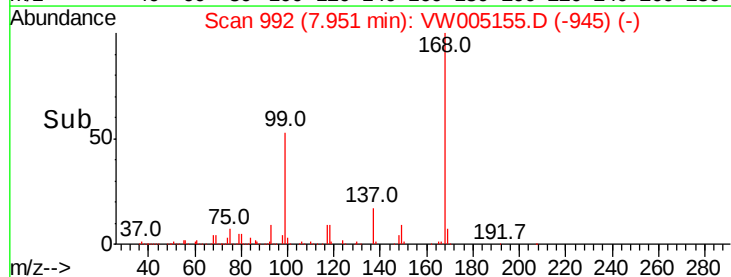
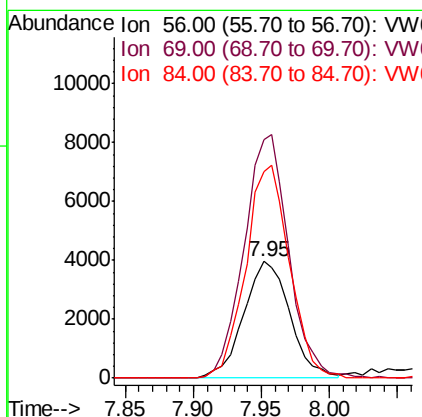
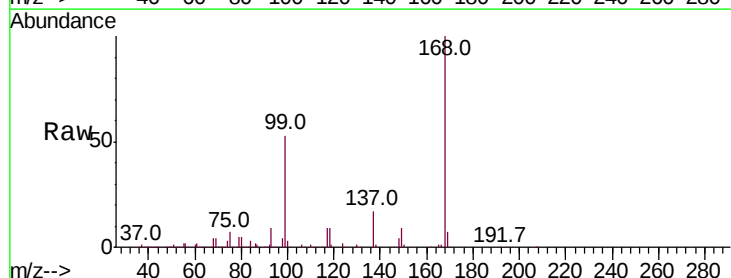
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

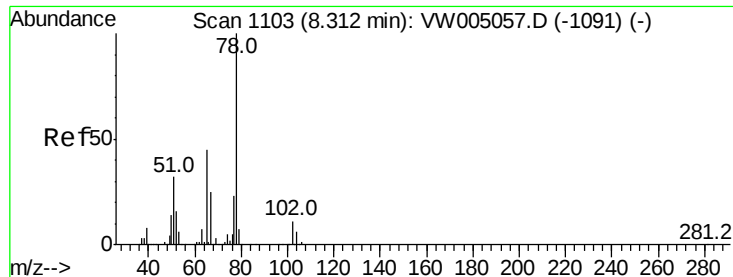
Tot Ion: 42 Resp: 1206
Ion Ratio Lower Upper
42 100
72 20.6 37.0 55.4#
71 38.2 35.0 52.6



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

Tgt Ion: 56 Resp: 9420
Ion Ratio Lower Upper
56 100
69 204.6 28.2 42.2#
84 177.1 71.8 107.8#

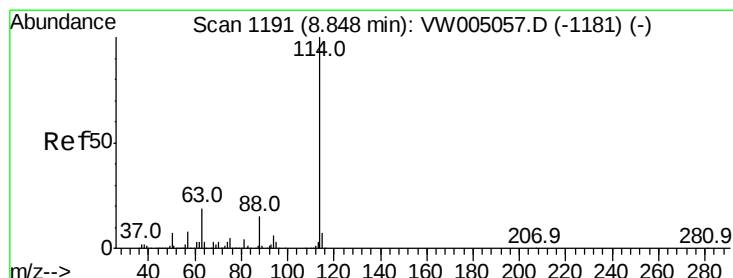
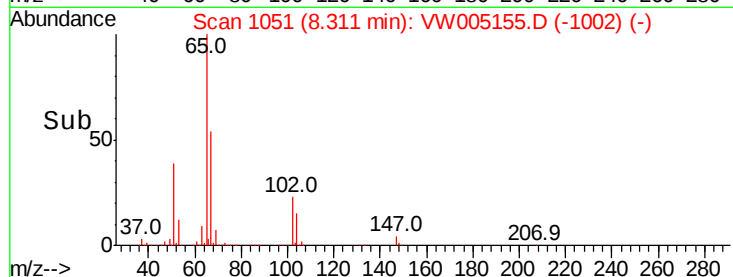
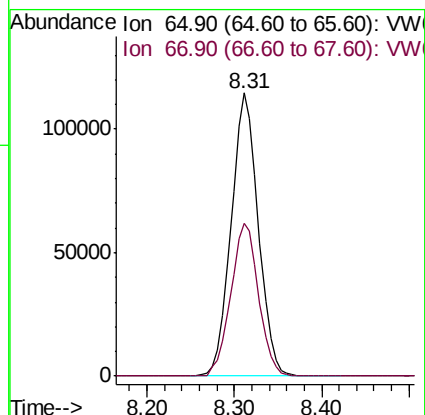
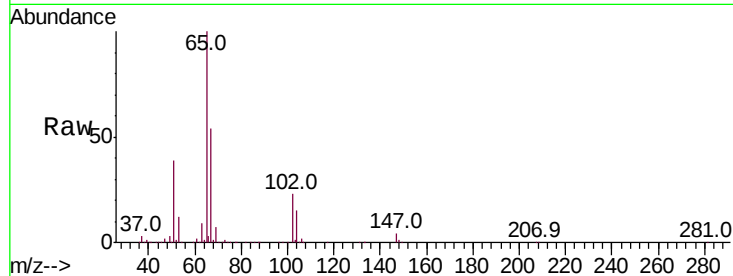




#33
 1,2-Dichloroethane-d4
 Concen: 57.385 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005155.D
 Acq: 06 Sep 2018 11:25

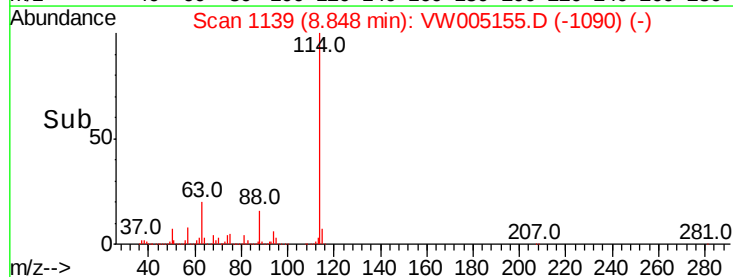
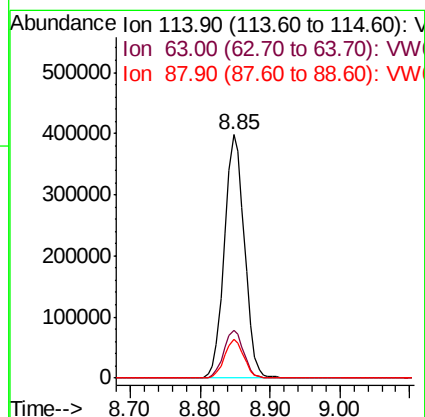
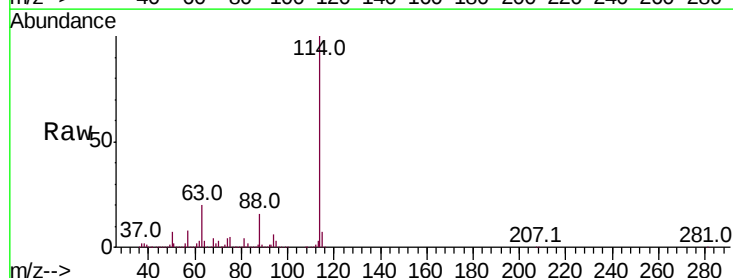
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBL01

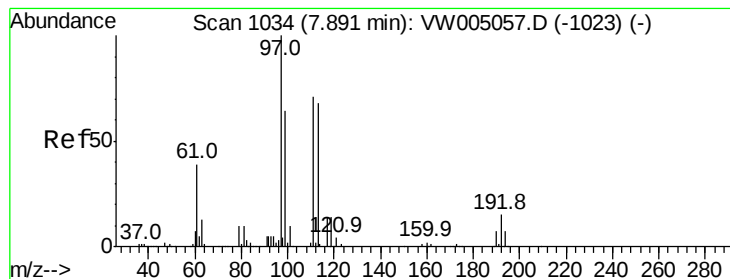
Tot Ion: 65 Resp: 246937
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005155.D
 Acq: 06 Sep 2018 11:25

Tgt Ion: 114 Resp: 792191
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.0
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 51.655 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

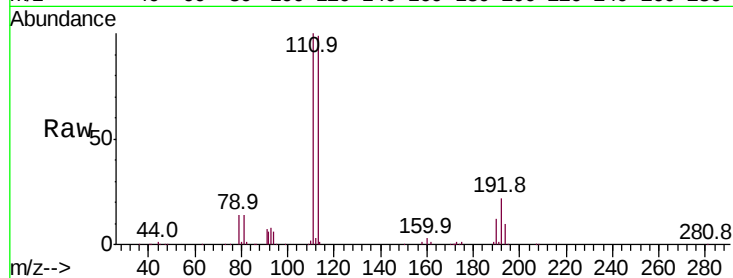
Tot Ion:113 Resp: 236475

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

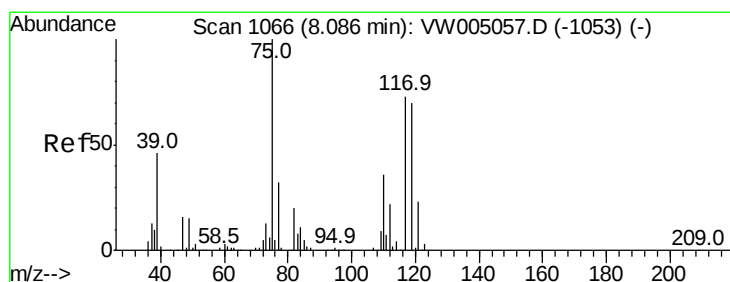
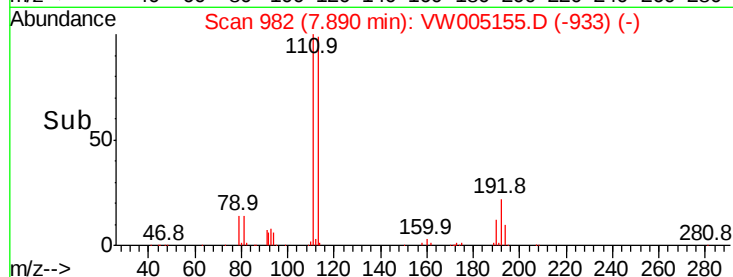
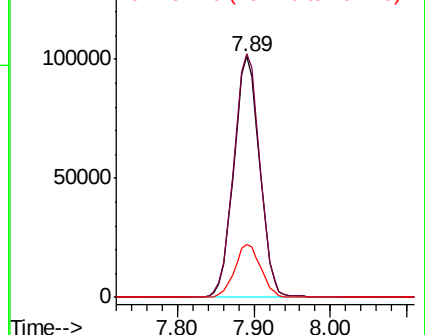
192 22.2 18.1 27.1



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: 4.861 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

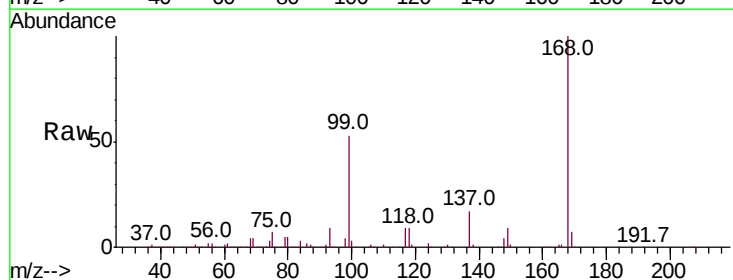
Tgt Ion: 75 Resp: 36678

Ion Ratio Lower Upper

75 100

110 7.9 18.9 56.7#

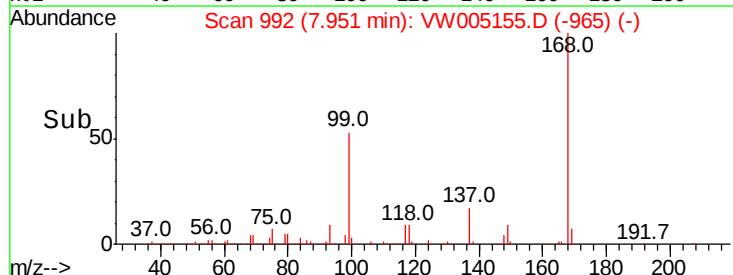
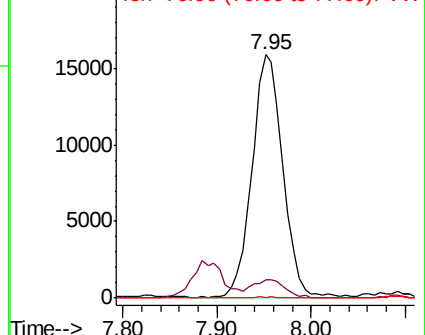
77 0.2 25.5 38.3#

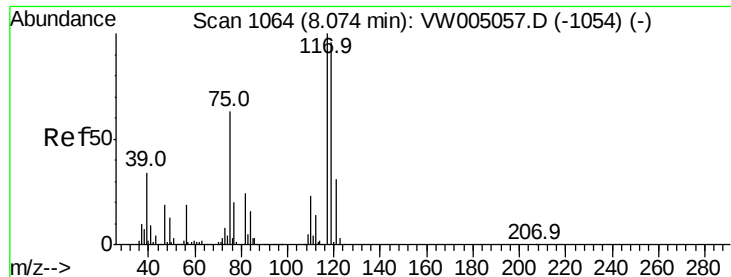


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.535 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampled :

VW0906SBL01

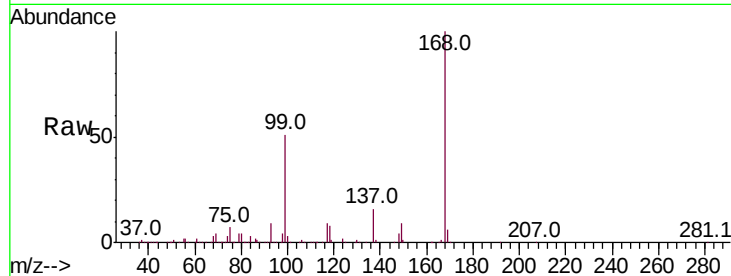
Tot Ion:117 Resp: 46879

Ion Ratio Lower Upper

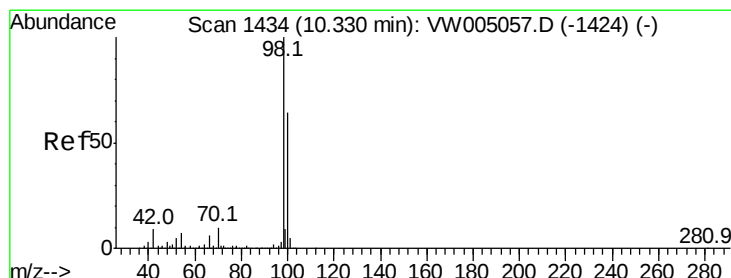
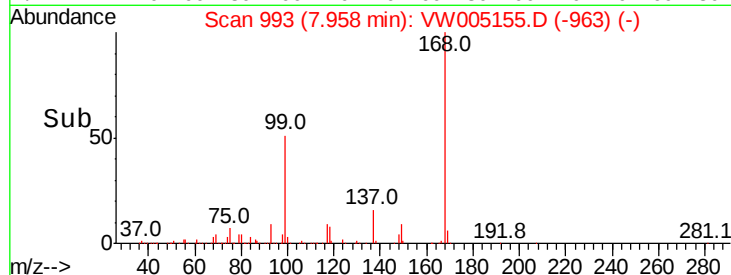
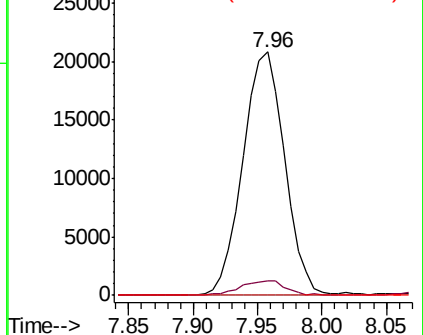
117 100

119 5.7 76.6 115.0#

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



#50

Toluene-d8

Concen: 51.319 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005155.D

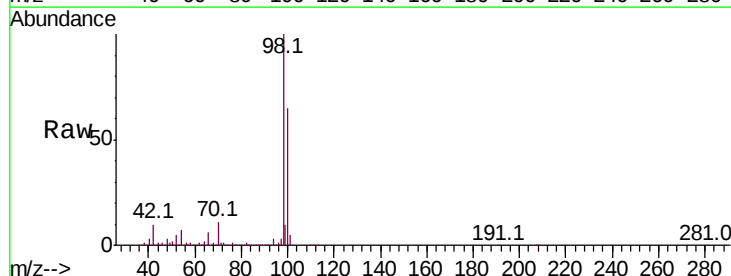
Acq: 06 Sep 2018 11:25

Tgt Ion: 98 Resp: 1082535

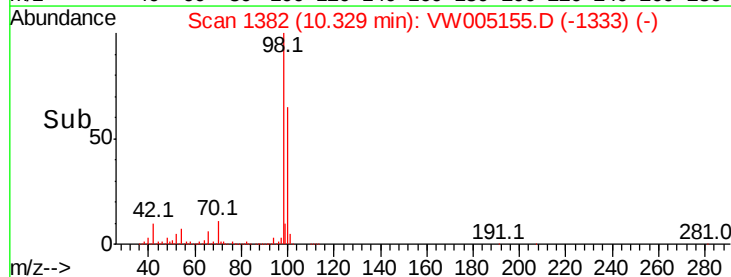
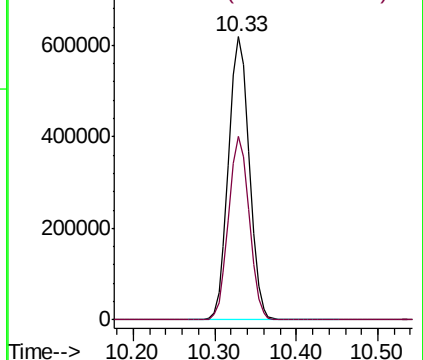
Ion Ratio Lower Upper

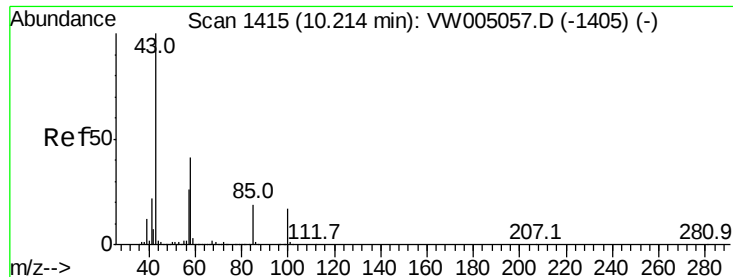
98 100

100 64.5 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 1.547 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampled :

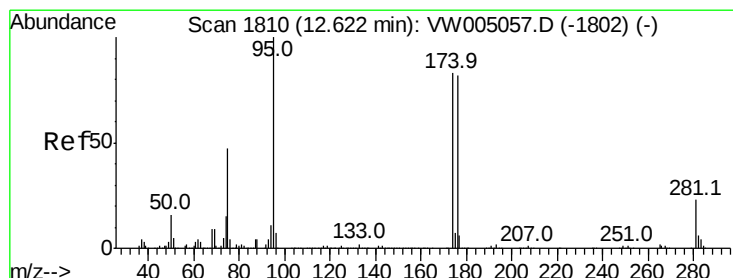
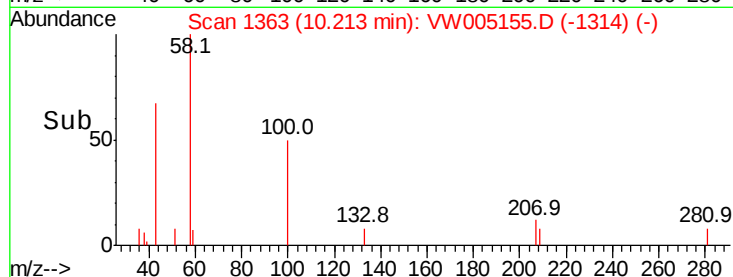
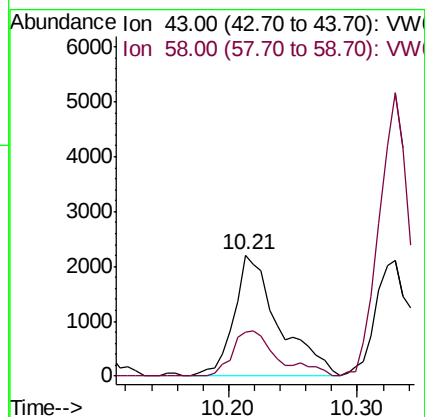
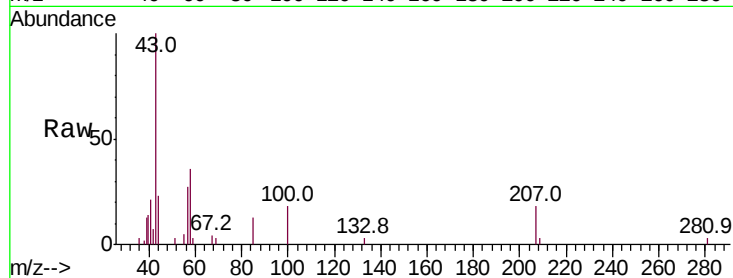
VW0906SBL01

Tot Ion: 43 Resp: 5322

Ion Ratio Lower Upper

43 100

58 33.1 33.3 49.9#



#62

4-Bromofluorobenzene

Concen: 51.213 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

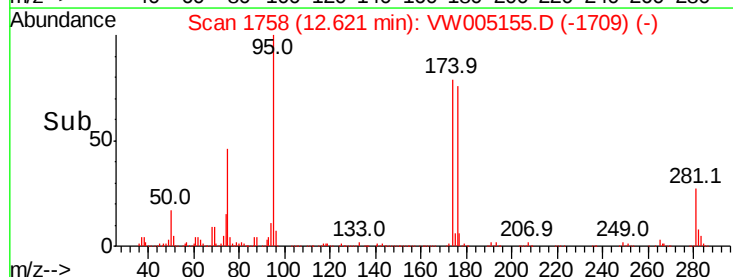
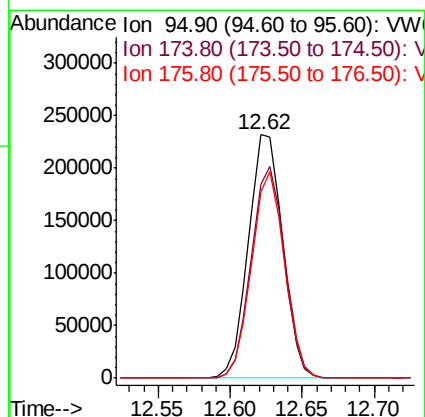
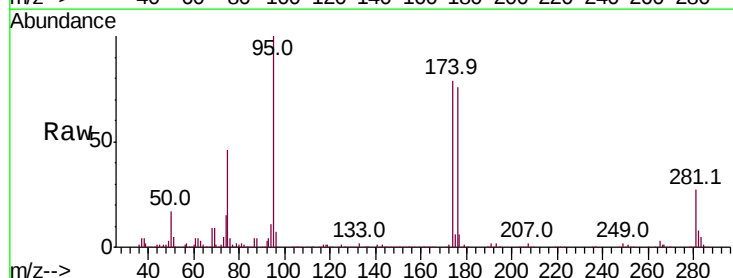
Tgt Ion: 95 Resp: 380927

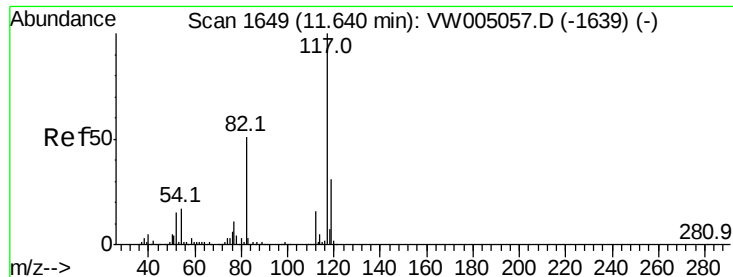
Ion Ratio Lower Upper

95 100

174 85.4 0.0 173.4

176 81.2 0.0 167.4

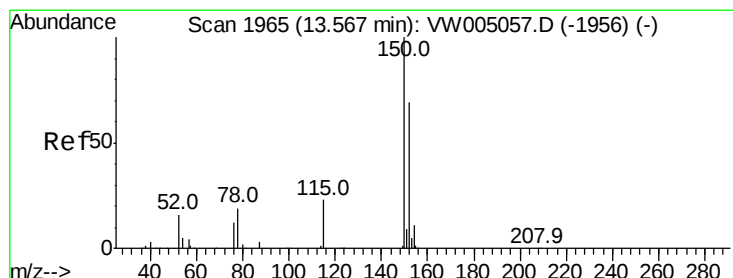
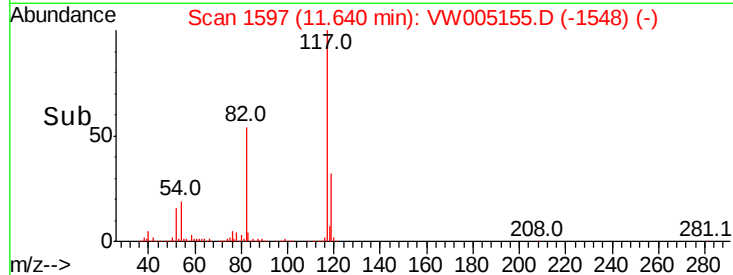
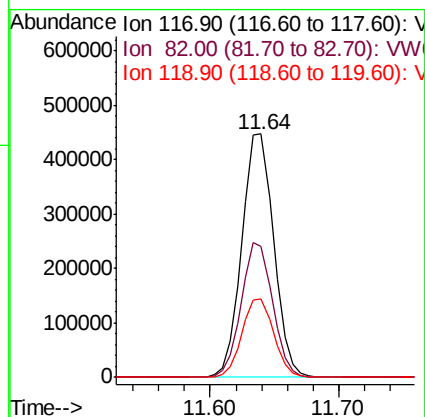
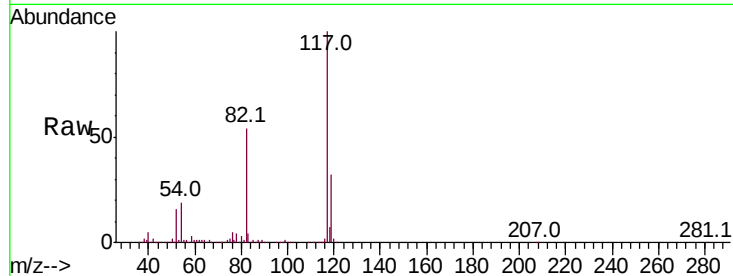




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

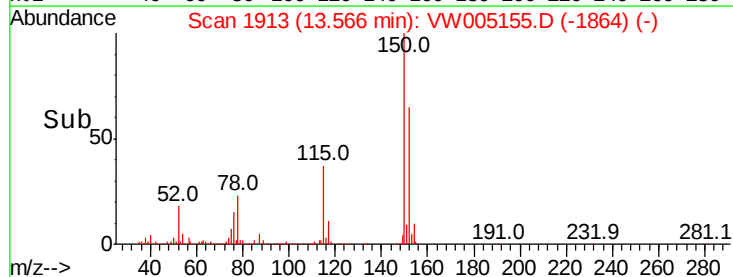
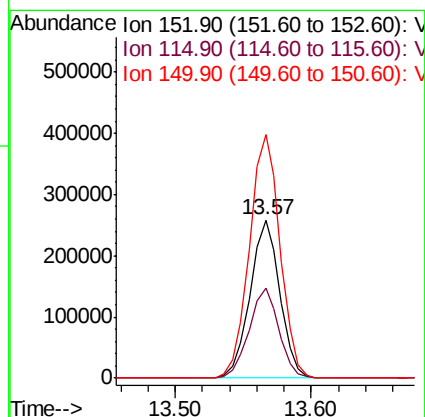
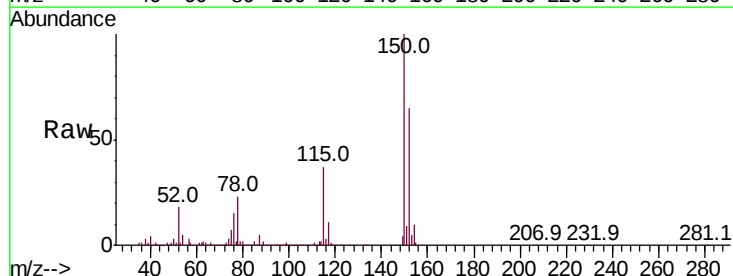
Instrument :
MSVOA_W
ClientSampleId :
VW0906SBL01

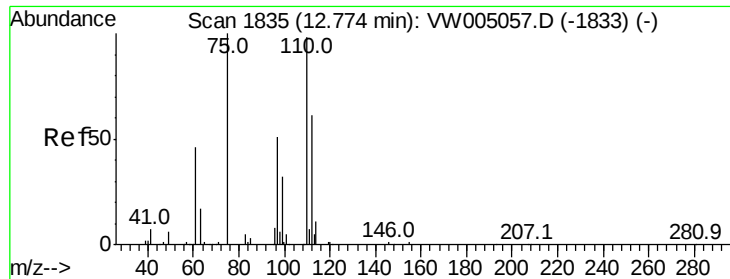
Tot Ion:117 Resp: 766261
Ion Ratio Lower Upper
117 100
82 53.7 40.9 61.3
119 32.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005155.D
Acq: 06 Sep 2018 11:25

Tgt Ion:152 Resp: 396401
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 158.0 0.0 351.4

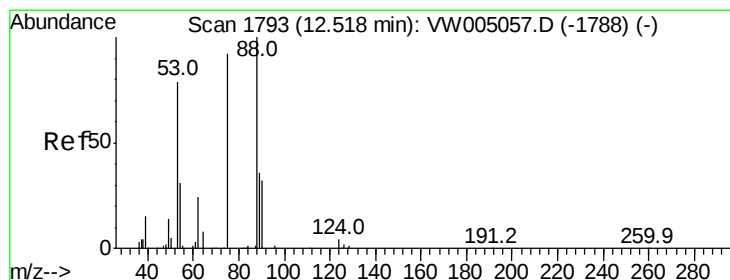
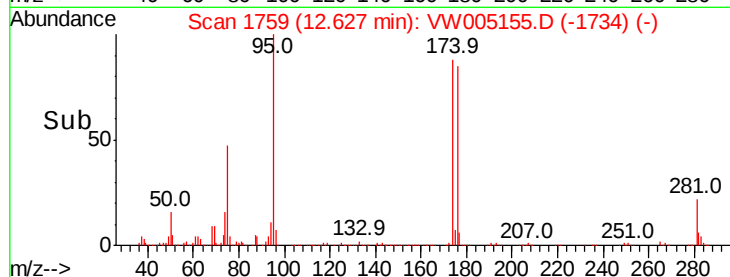
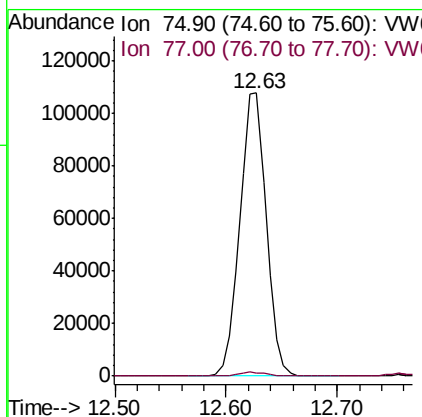
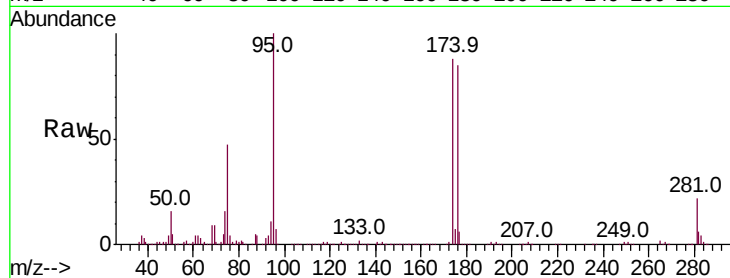




#76
 1,2,3-Trichloropropane
 Concen: 59.497 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW005155.D
 Acq: 06 Sep 2018 11:25

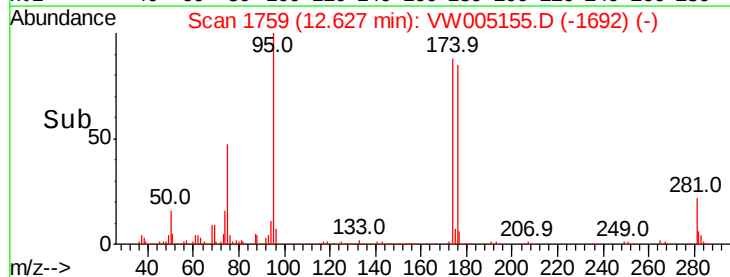
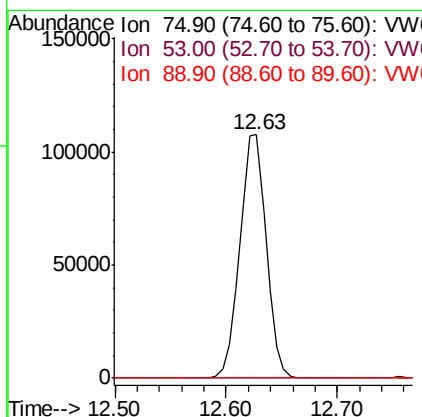
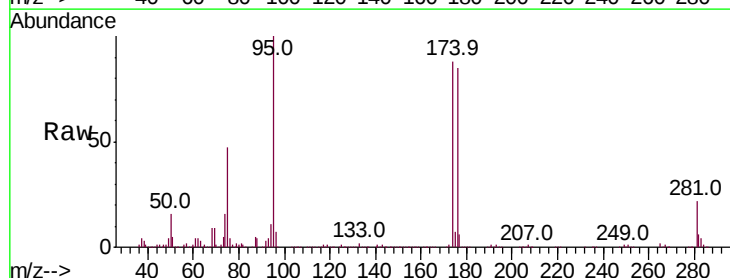
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0906SBL01

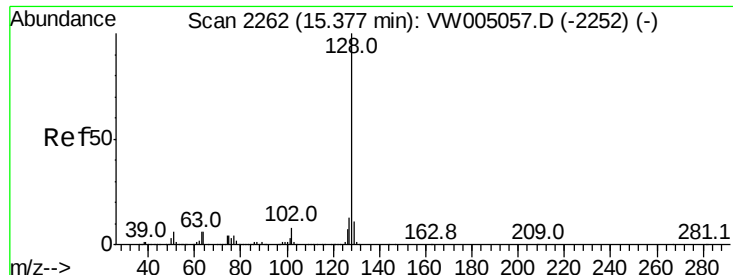
Tot Ion: 75 Resp: 177032
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.203 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW005155.D
 Acq: 06 Sep 2018 11:25

Tgt Ion: 75 Resp: 177032
 Ion Ratio Lower Upper
 75 100
 53 0.2 69.8 104.8#
 89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 4.346 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW005155.D

Acq: 06 Sep 2018 11:25

Instrument :

MSVOA_W

ClientSampleId :

VW0906SBL01

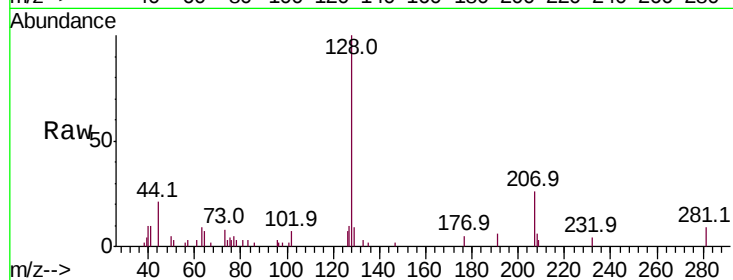
Tot Ion:128 Resp: 5693

Ion Ratio Lower Upper

128 100

127 14.7 10.4 15.6

129 11.0 8.7 13.1



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

