

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005312.D
 Acq On : 12 Sep 2018 08:55
 Operator : SY/AP
 Sample : J4777-01RE
 Misc : 5.48G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 10:57:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	471304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	756028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	657869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	254577	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	200932	57.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.32%	
35) Dibromofluoromethane	7.88	113	171776	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
50) Toluene-d8	10.33	98	675098	33.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.46%	
62) 4-Bromofluorobenzene	12.62	95	219411	29.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.94%	

Target Compounds

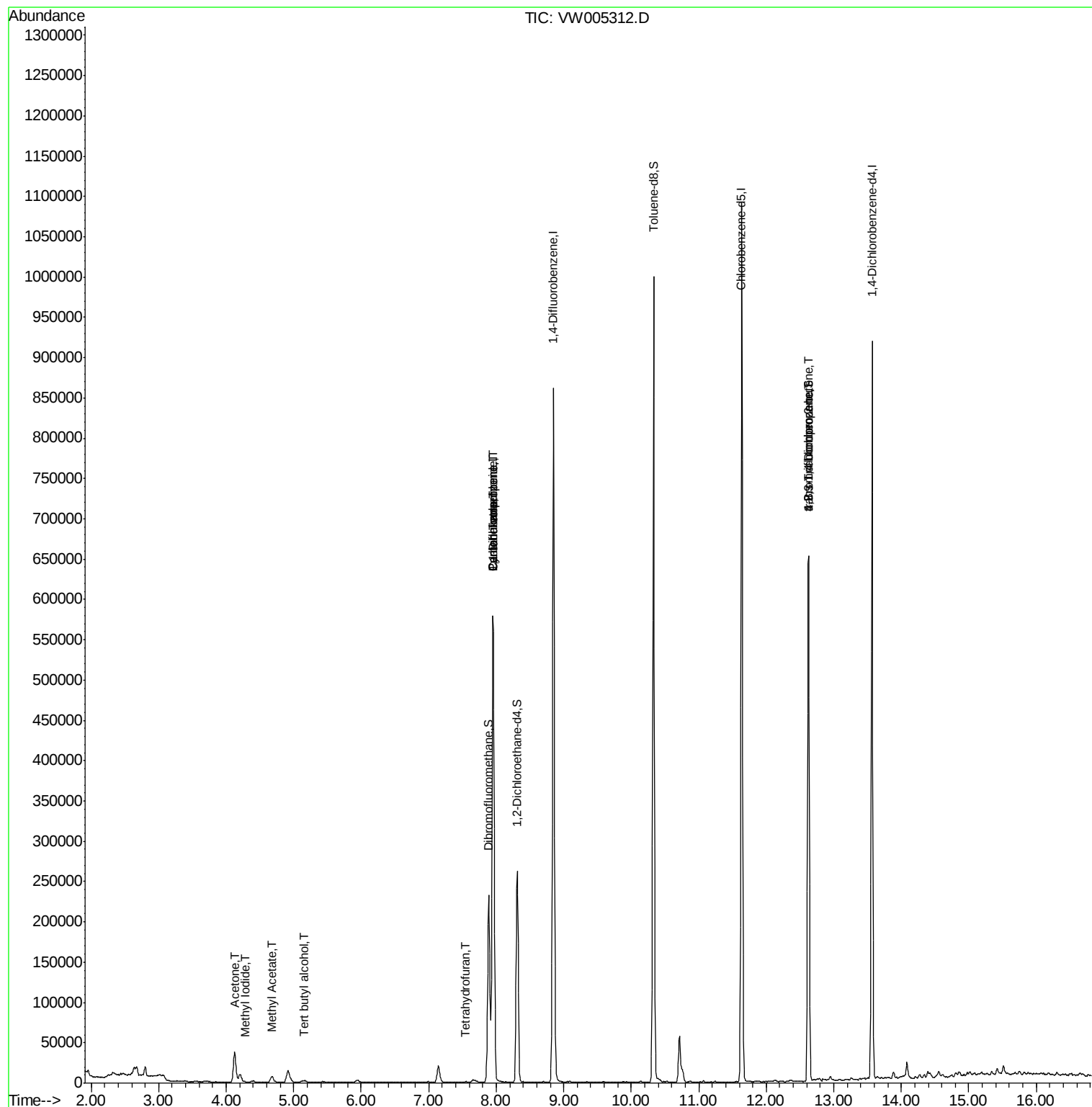
					Qvalue	
5) Bromomethane	2.73	94	944	Below Cal	#	46
10) Methyl Iodide	4.28	142	225	3.368	ug/l #	45
11) Tert butyl alcohol	5.16	59	4027	13.969	ug/l #	77
16) Acetone	4.12	43	65665	100.637	ug/l	99
18) Methyl Acetate	4.67	43	14038	7.207	ug/l	94
20) Methylene Chloride	4.91	84	11512	Below Cal	#	94
29) Tetrahydrofuran	7.54	42	871	1.256	ug/l #	69
31) Cyclohexane	7.95	56	8104	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	31692	4.575	ug/l #	48
38) Carbon Tetrachloride	7.96	117	41357	6.374	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	100082	51.112	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	100082	119.870	ug/l #	16

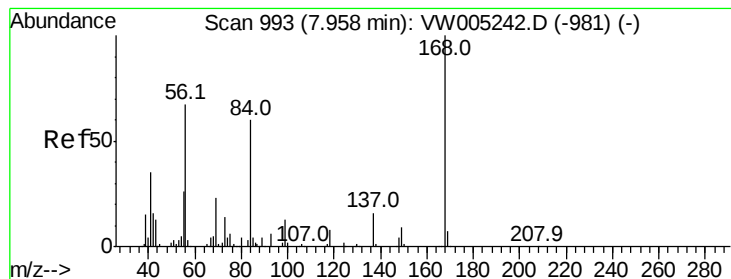
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091118\
Data File : VW005312.D
Acq On : 12 Sep 2018 08:55
Operator : SY/AP
Sample : J4777-01RE
Misc : 5.48G/5ML/MSVOA W/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 12 10:57:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005312.D

Acq: 12 Sep 2018 08:55

Instrument :

MSVOA_W

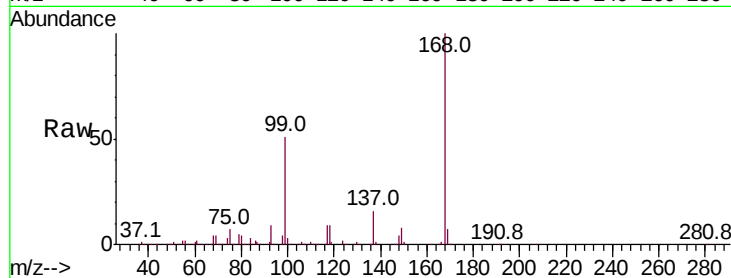
ClientSampled :

Tot Ion:168 Resp: 471304

Ion Ratio Lower Upper

168 100

99 51.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

100000

50000

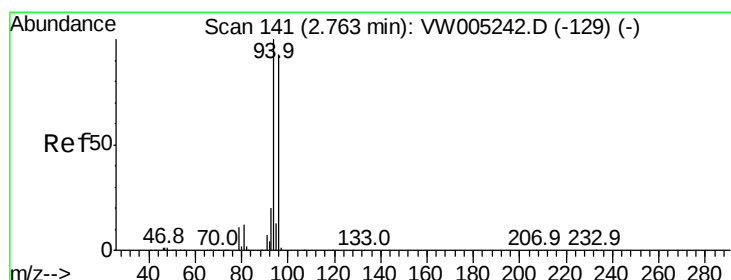
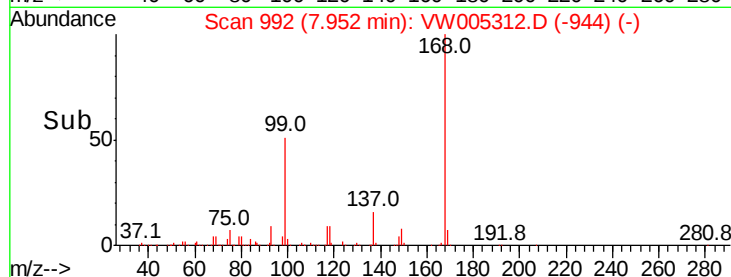
0

7.90

8.00

8.10

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.73 min Scan# 136

Delta R.T. -0.03 min

Lab File: VW005312.D

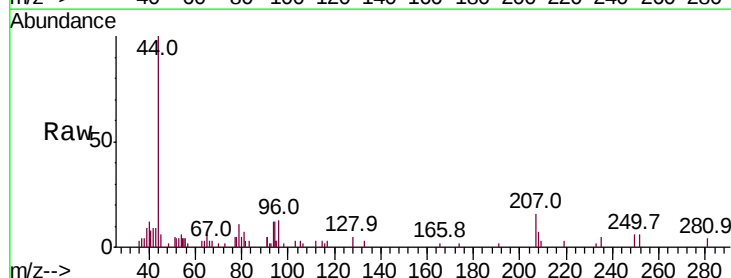
Acq: 12 Sep 2018 08:55

Tgt Ion: 94 Resp: 944

Ion Ratio Lower Upper

94 100

96 40.8 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.73

600

400

200

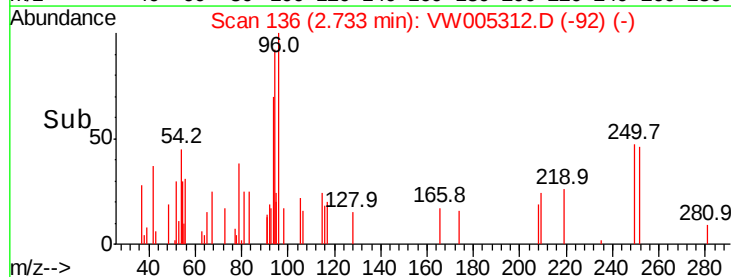
0

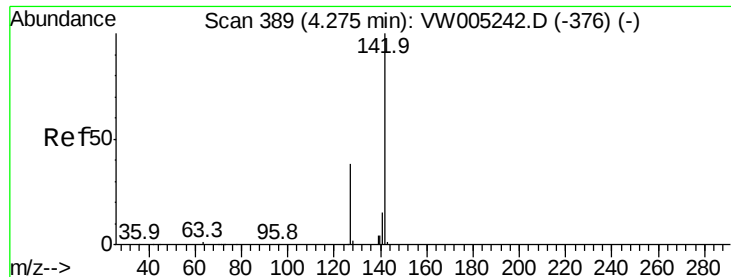
2.70

2.75

2.80

Time-->





#10

Methvl Iodide

Concen: 3.368 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW005312.D

Acq: 12 Sep 2018 08:55

Instrument :
MSVOA_W
ClientSampled :

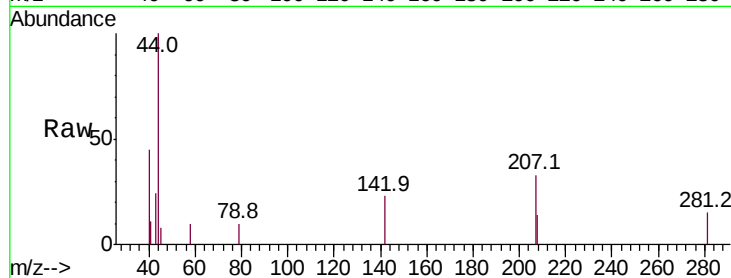
Tot Ion:142 Resp: 225

Ion Ratio Lower Upper

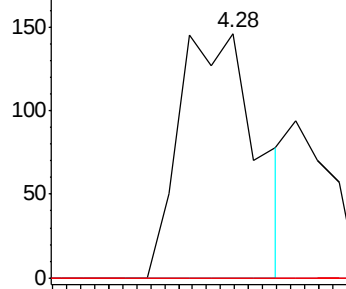
142 100

127 0.0 30.3 45.5#

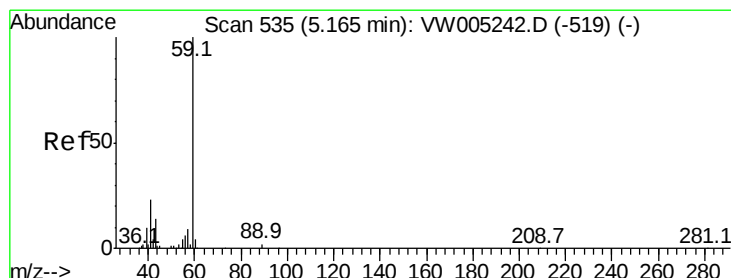
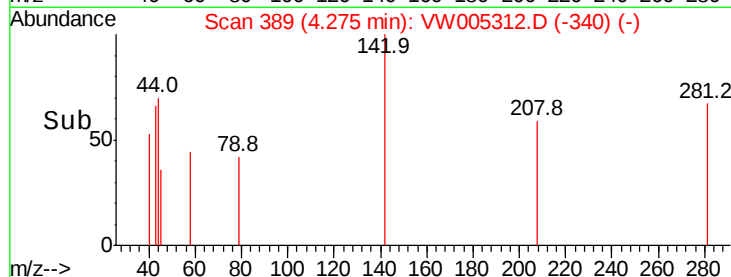
141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



Time-->



#11

Tert butyl alcohol

Concen: 13.969 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW005312.D

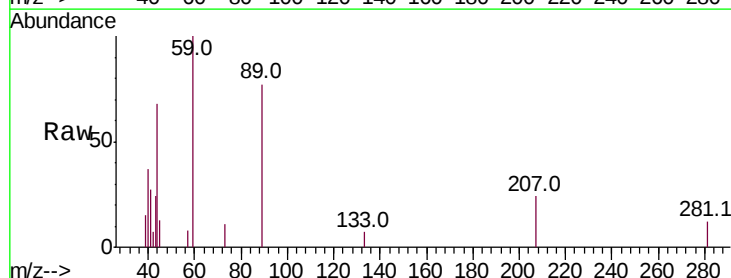
Acq: 12 Sep 2018 08:55

Tgt Ion: 59 Resp: 4027

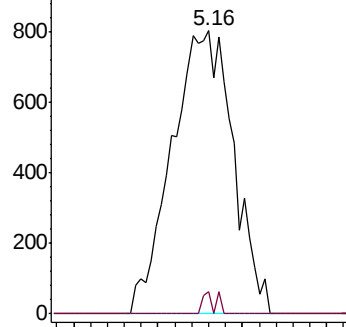
Ion Ratio Lower Upper

59 100

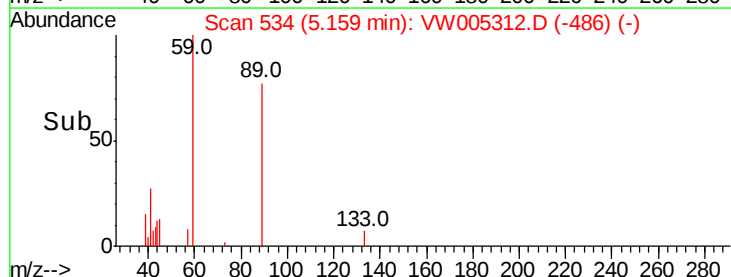
57 1.6 8.1 12.1#

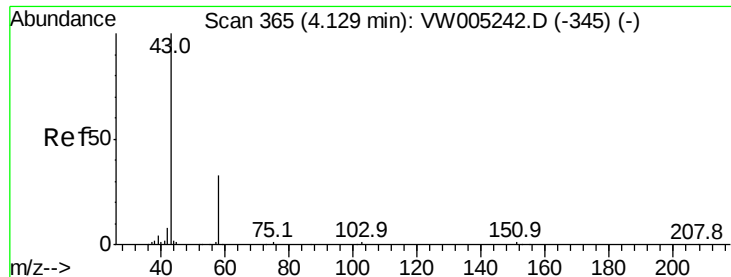


Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW



Time-->

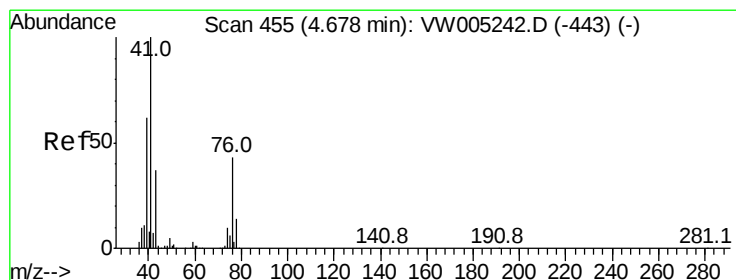
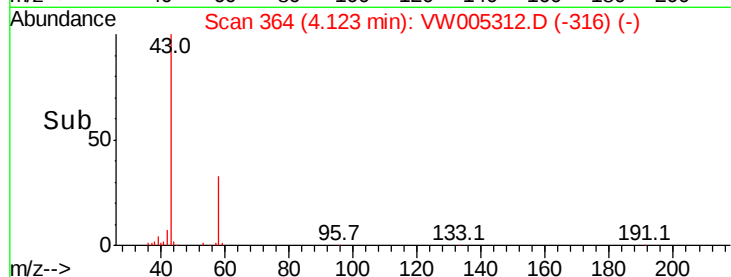
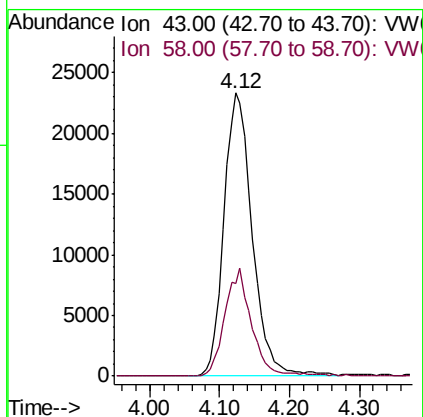
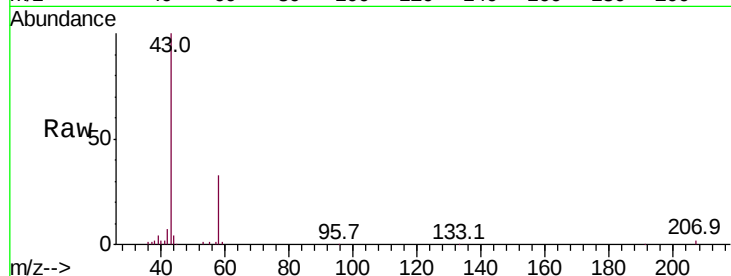




#16
Acetone
Concen: 100.637 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW005312.D
Acq: 12 Sep 2018 08:55

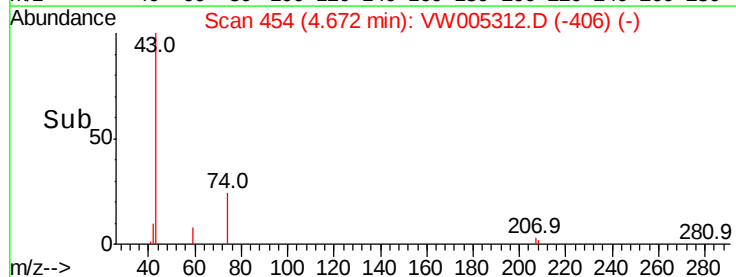
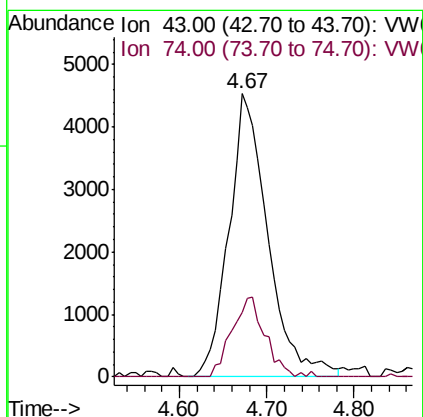
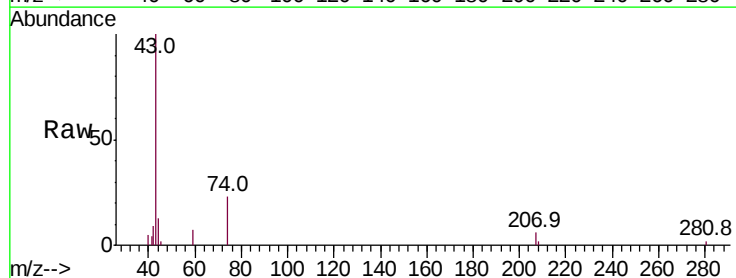
Instrument :
MSVOA_W
ClientSampleId :

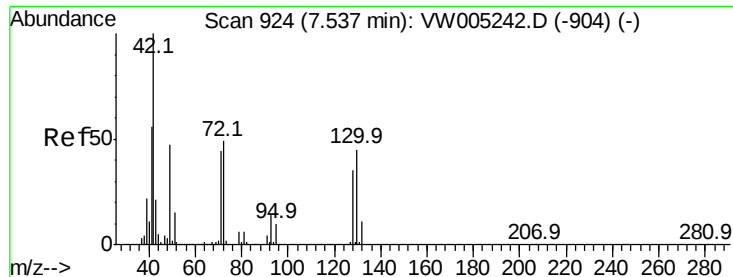
Tot Ion: 43 Resp: 65665
Ion Ratio Lower Upper
43 100
58 32.7 26.7 40.1



#18
Methyl Acetate
Concen: 7.207 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW005312.D
Acq: 12 Sep 2018 08:55

Tgt Ion: 43 Resp: 14038
Ion Ratio Lower Upper
43 100
74 23.8 21.4 32.2

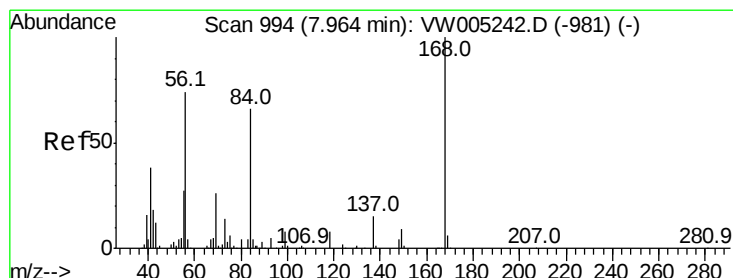
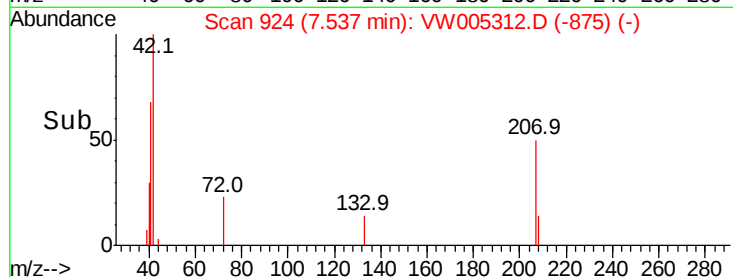
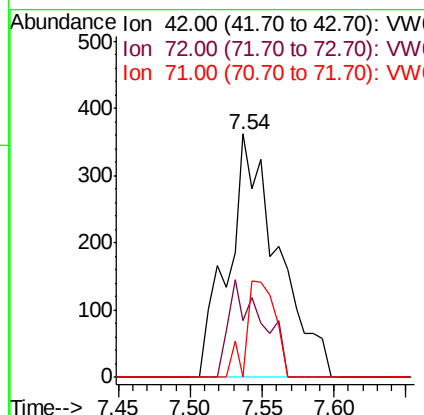
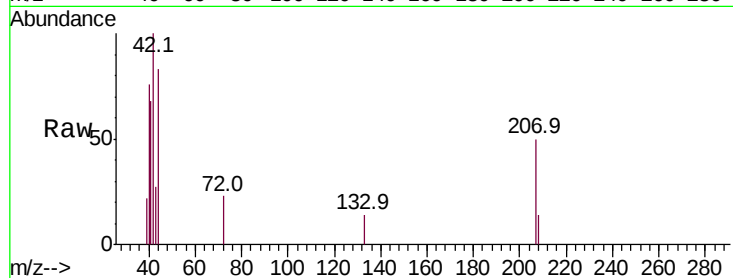




#29
Tetrahydrofuran
Concen: 1.256 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005312.D
Acq: 12 Sep 2018 08:55

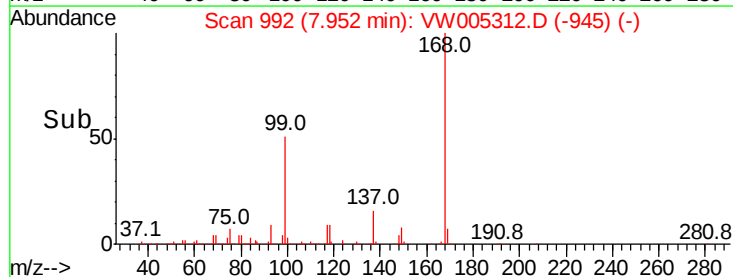
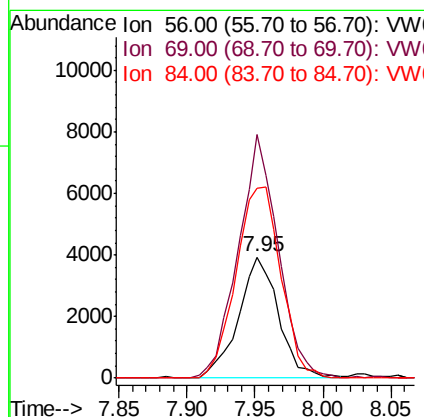
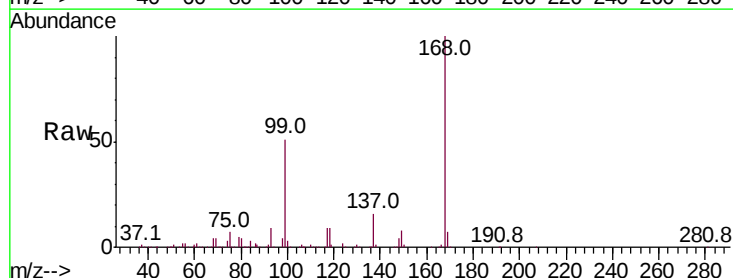
Instrument :
MSVOA_W
ClientSampled :

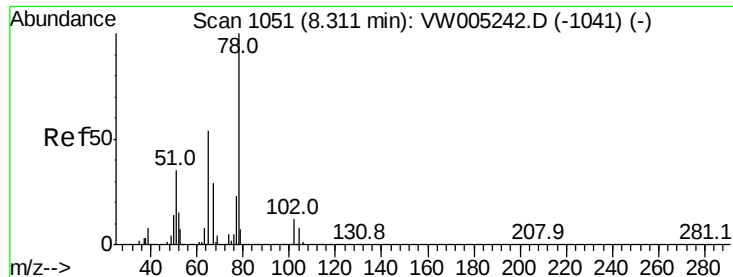
Tot Ion: 42 Resp: 871
Ion Ratio Lower Upper
42 100
72 27.2 37.5 56.3#
71 22.6 34.8 52.2#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005312.D
Acq: 12 Sep 2018 08:55

Tgt Ion: 56 Resp: 8104
Ion Ratio Lower Upper
56 100
69 200.9 27.8 41.8#
84 156.4 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 57.160 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005312.D

Acq: 12 Sep 2018 08:55

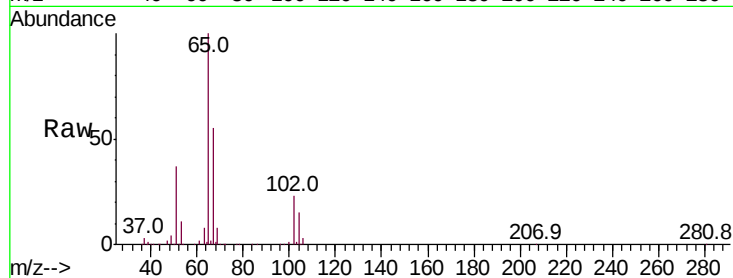
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 65 Resp: 200932

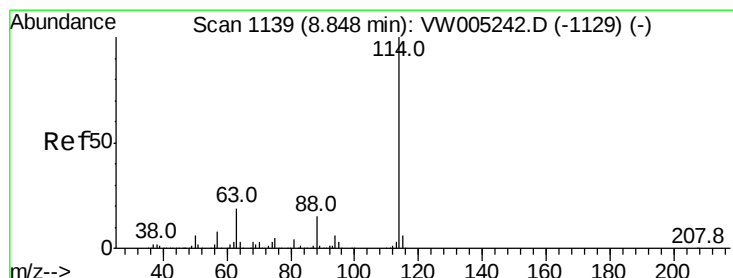
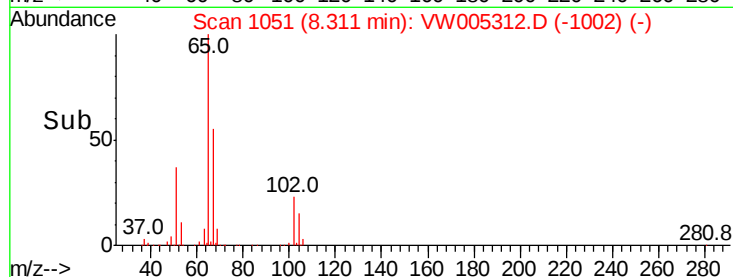
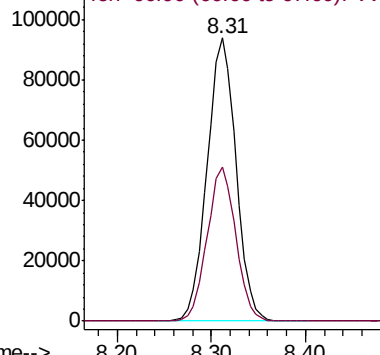
Ion Ratio Lower Upper

65 100

67 54.1 0.0 112.2



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# 1139

Delta R.T. -0.00 min

Lab File: VW005312.D

Acq: 12 Sep 2018 08:55

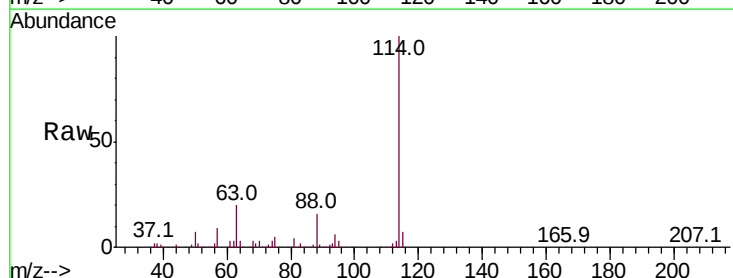
Tgt Ion:114 Resp: 756028

Ion Ratio Lower Upper

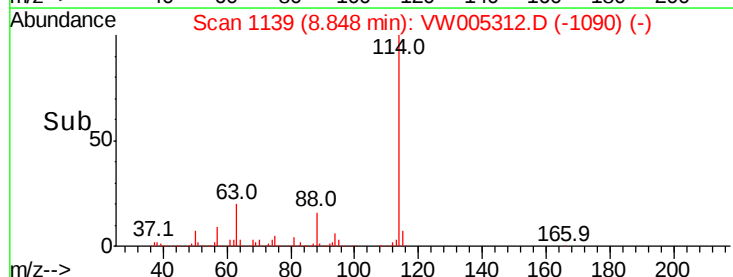
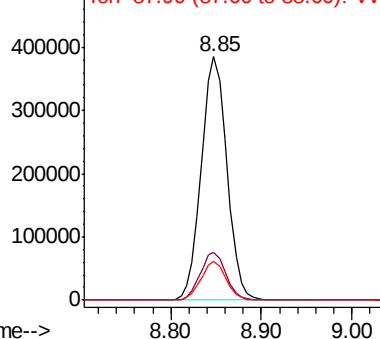
114 100

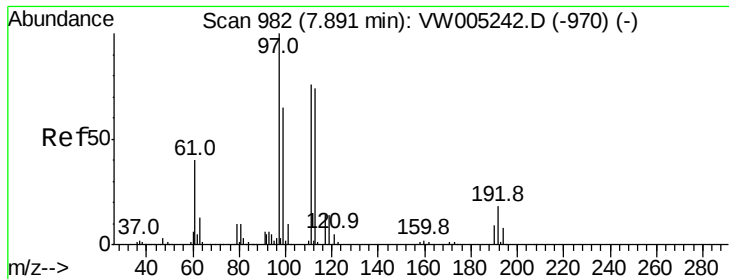
63 19.6 0.0 37.0

88 15.8 0.0 30.4



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

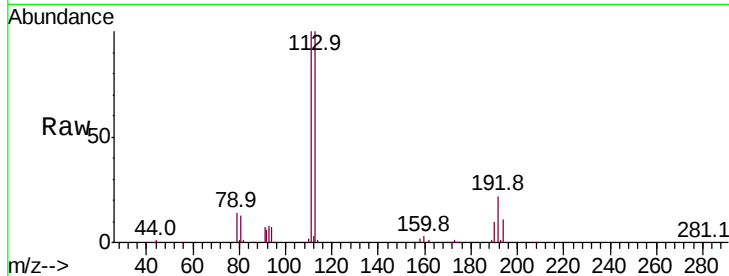




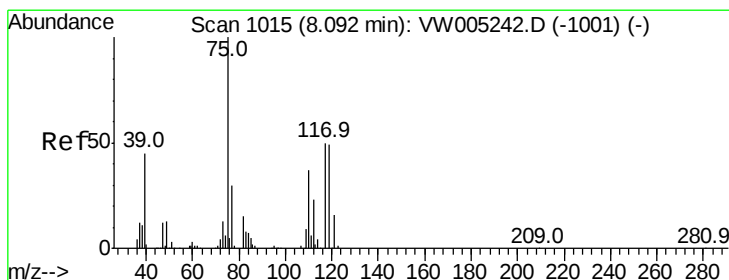
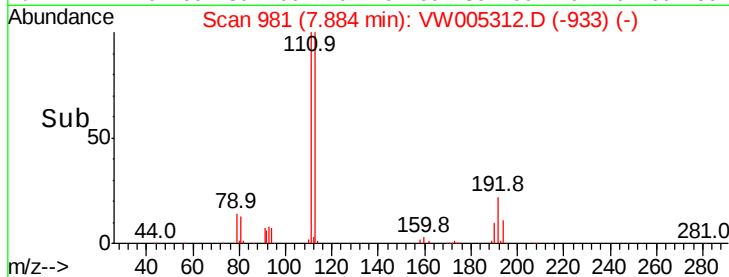
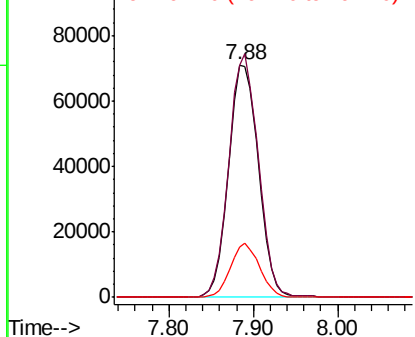
#35
 Dibromofluoromethane
 Concen: 43.374 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005312.D
 Acq: 12 Sep 2018 08:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 171776
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.6 121.0
 192 22.4 18.3 27.5

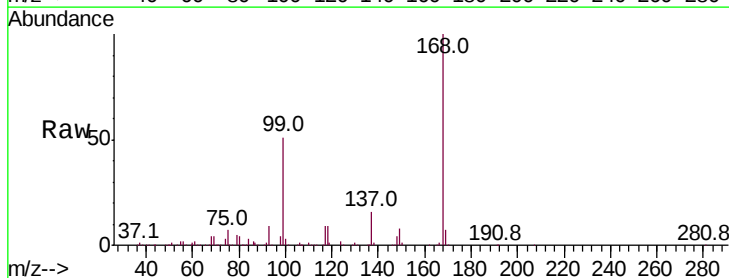


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

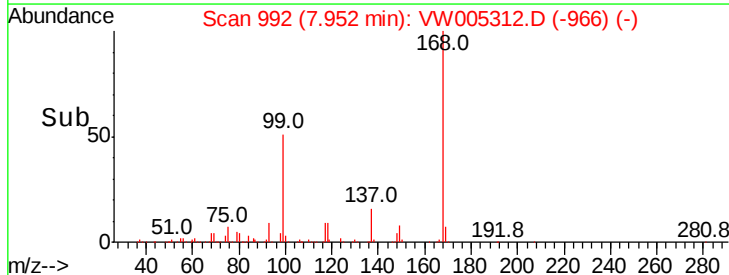
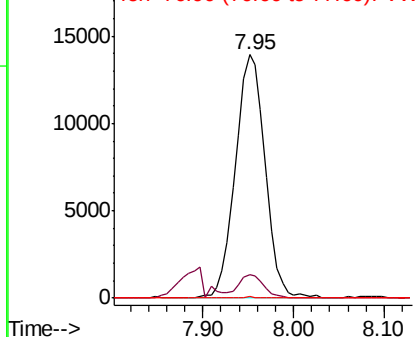


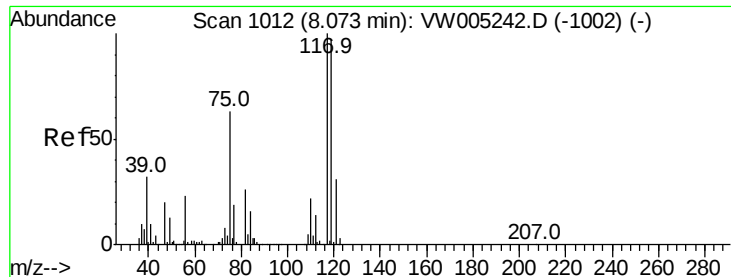
#36
 1,1-Dichloropropene
 Concen: 4.575 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.14 min
 Lab File: VW005312.D
 Acq: 12 Sep 2018 08:55

Tgt Ion: 75 Resp: 31692
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.8 56.4#
 77 0.1 24.9 37.3#



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: 6.374 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW005312.D

Acq: 12 Sep 2018 08:55

Instrument :

MSVOA_W

ClientSampled :

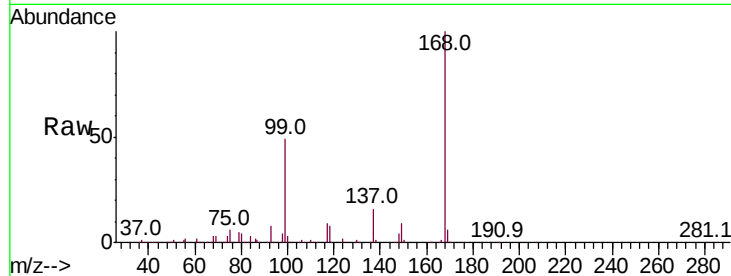
Tot Ion:117 Resp: 41357

Ion Ratio Lower Upper

117 100

119 5.4 77.5 116.3#

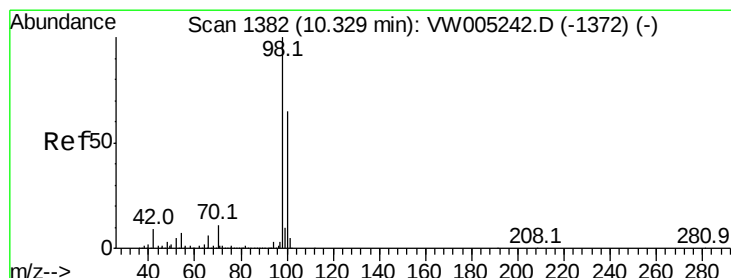
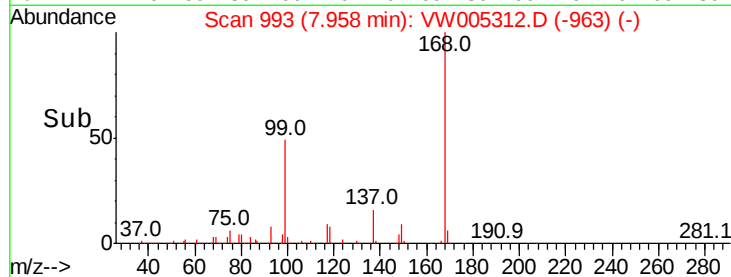
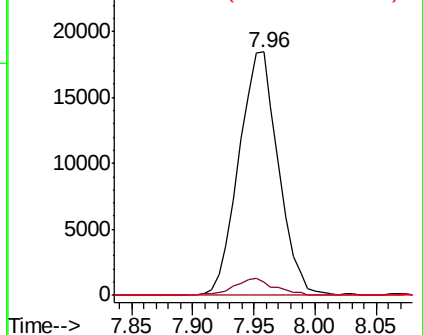
121 0.0 24.7 37.1#



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: 33.734 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005312.D

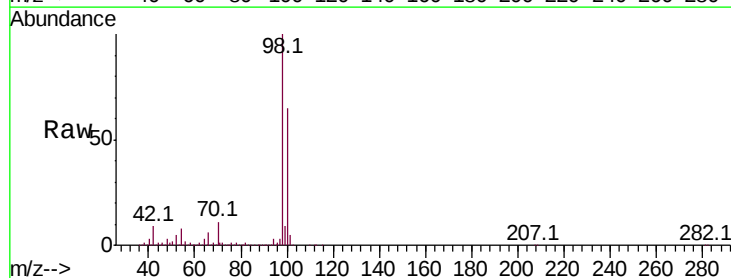
Acq: 12 Sep 2018 08:55

Tgt Ion: 98 Resp: 675098

Ion Ratio Lower Upper

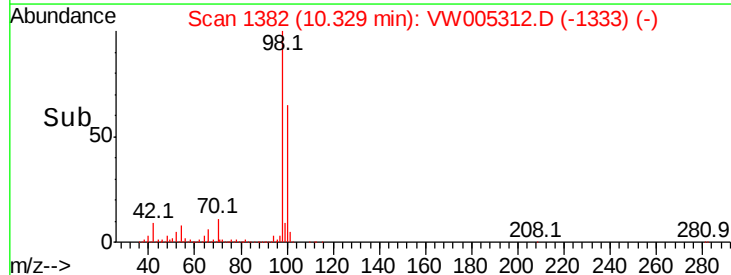
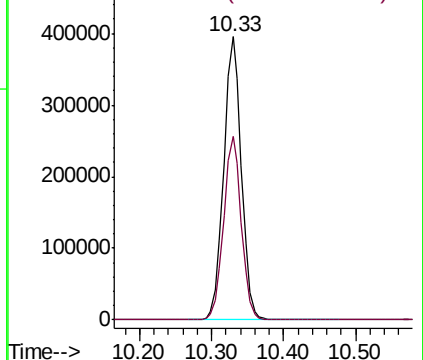
98 100

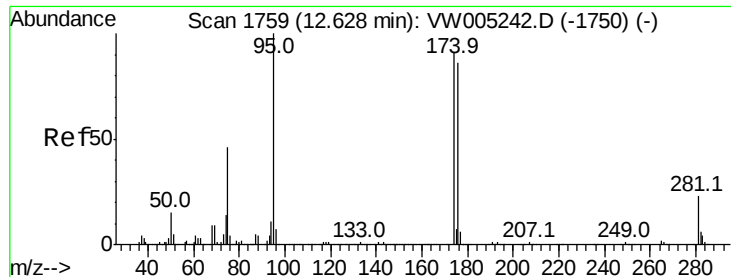
100 64.7 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

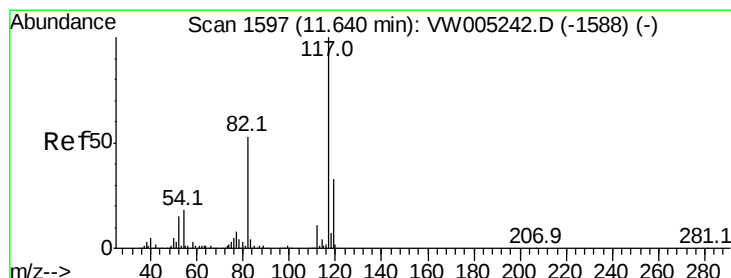
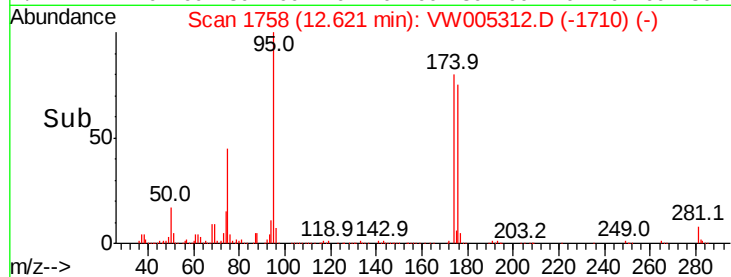
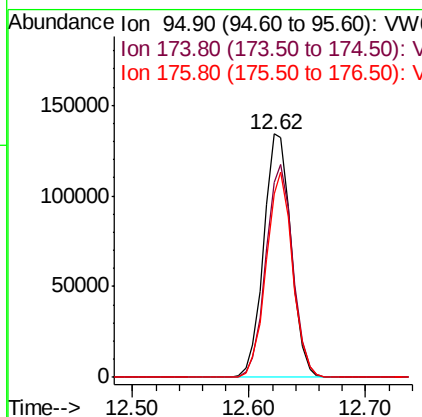
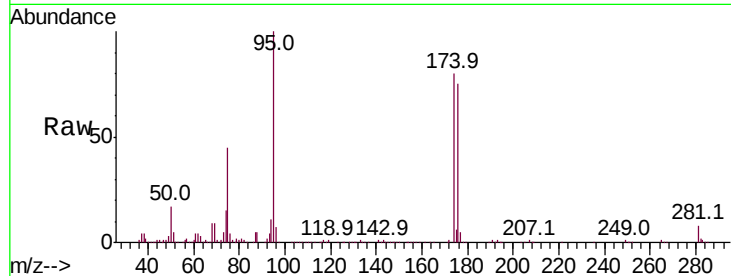




#62
4-Bromofluorobenzene
Concen: 29.974 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: VW005312.D
Acq: 12 Sep 2018 08:55

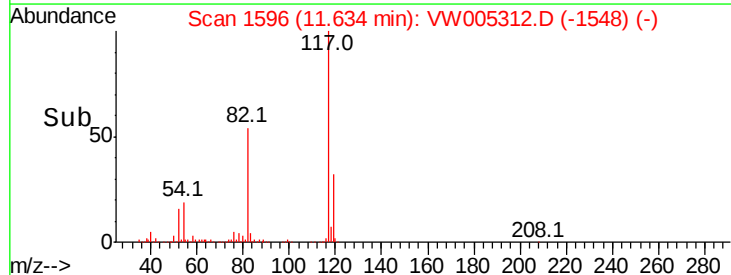
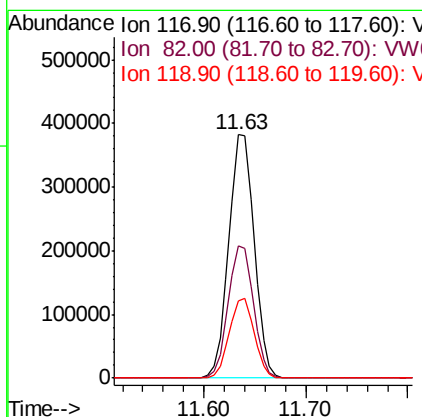
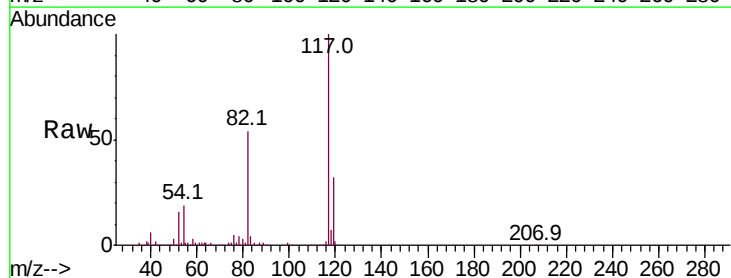
Instrument :
MSVOA_W
ClientSampleId :

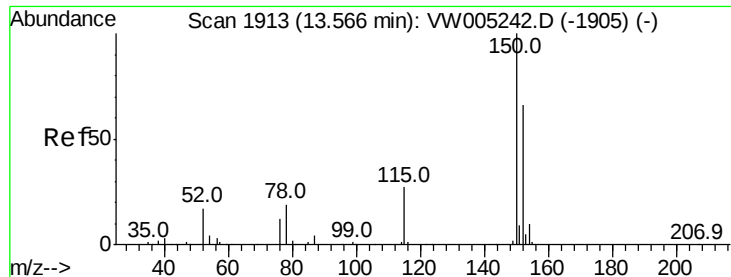
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	174.6
176	81.2	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005312.D
Acq: 12 Sep 2018 08:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.6	63.8
119	31.8	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005312.D

Acq: 12 Sep 2018 08:55

Instrument :

MSVOA_W

ClientSampleId :

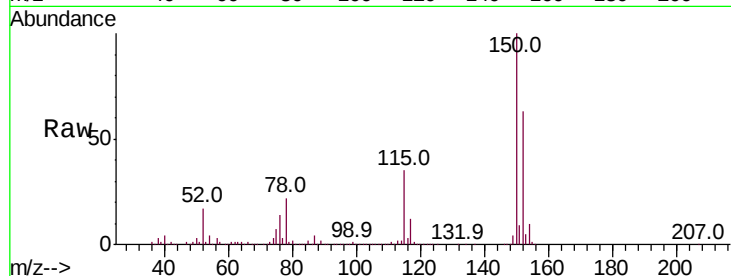
Tot Ion:152 Resp: 254577

Ion Ratio Lower Upper

152 100

115 55.7 27.5 82.4

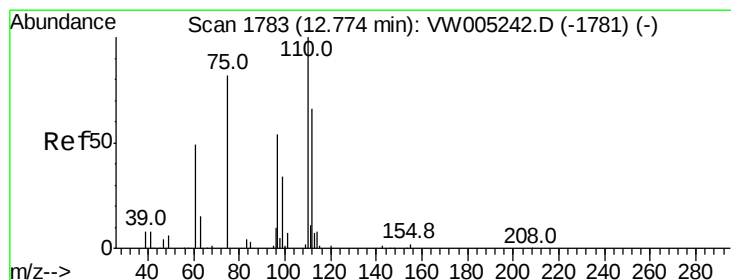
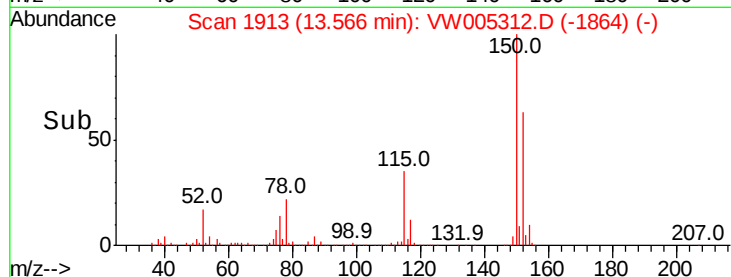
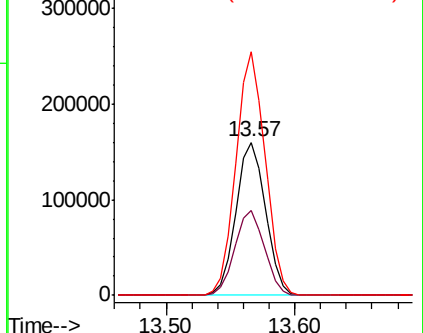
150 157.2 0.0 347.4



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: 51.112 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005312.D

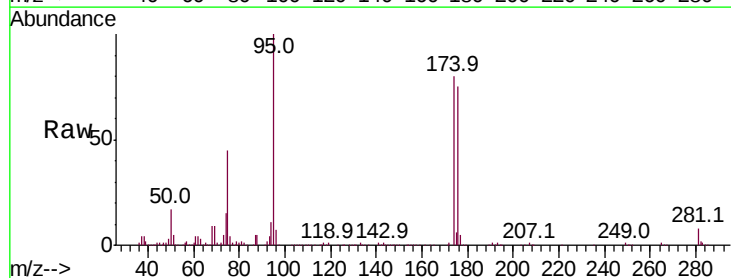
Acq: 12 Sep 2018 08:55

Tgt Ion: 75 Resp: 100082

Ion Ratio Lower Upper

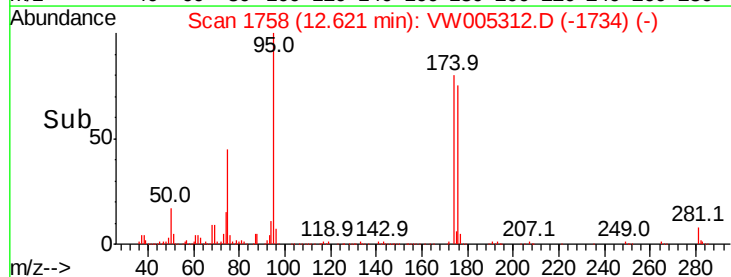
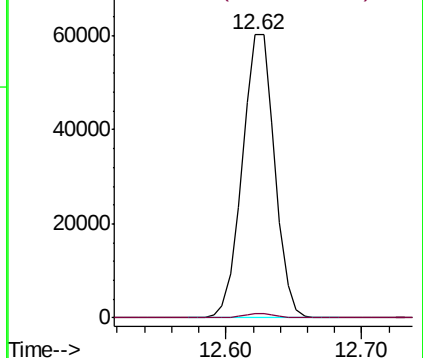
75 100

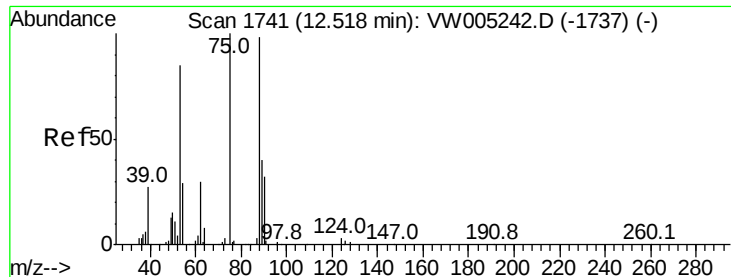
77 1.6 0.0 0.0#



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: 119.870 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005312.D

Acq: 12 Sep 2018 08:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 100082

Ion Ratio Lower Upper

75 100

53 0.1 67.0 100.6#

89 0.0 37.0 55.4#

