

Data File : VW006003.D
Acq On : 10 Oct 2018 23:24
Operator : SY/AP
Sample : J5331-02RE
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NM-STONE-DRUM-3RE

Quant Time: Oct 11 05:40:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	330314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	231074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107468	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	105278	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.33	98	305703	37.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.36%	
62) 4-Bromofluorobenzene	12.62	95	84820	27.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.96%	

Target Compounds

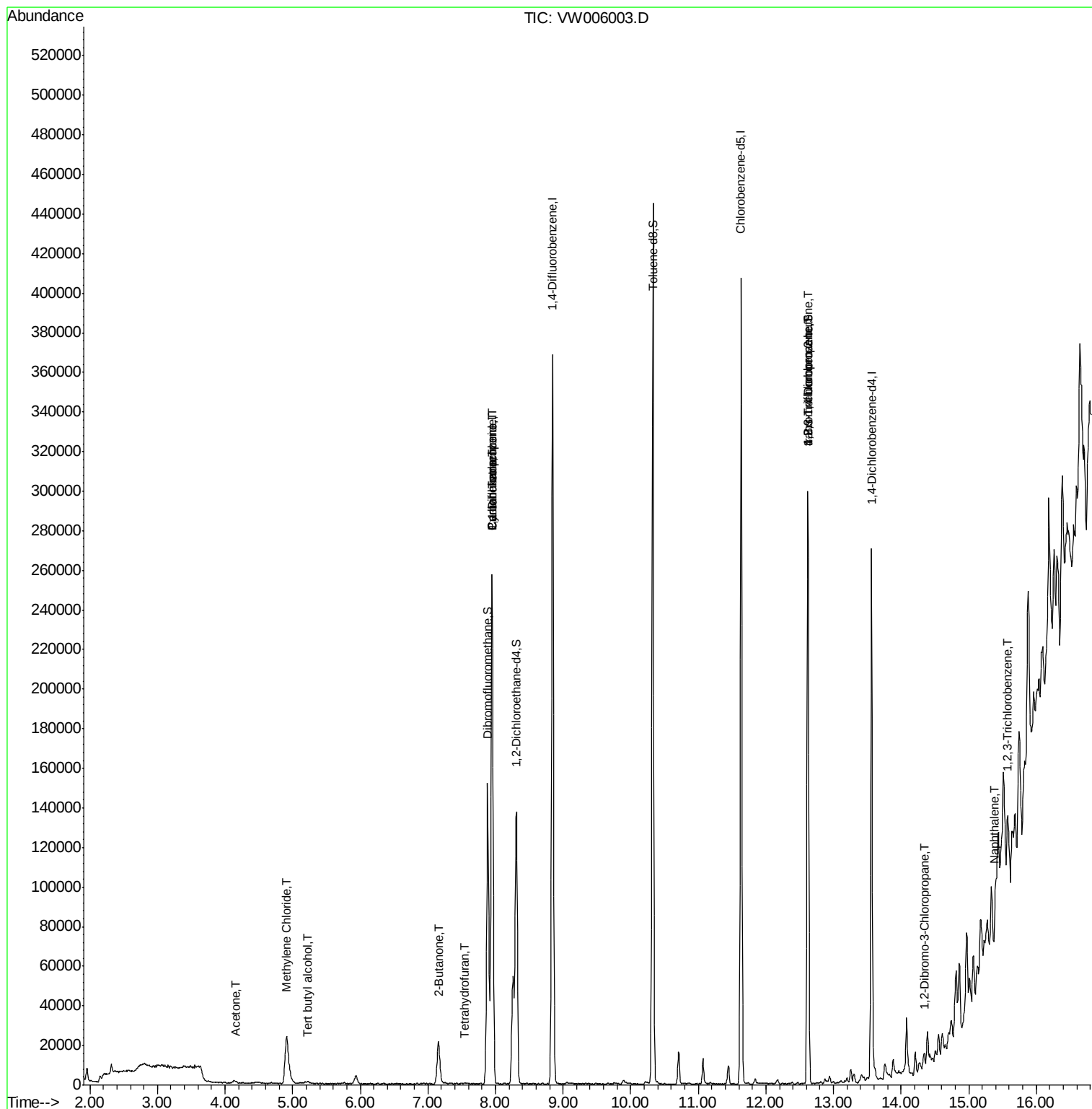
						Qvalue
11) Tert butyl alcohol	5.23	59	2986	20.048	ug/l	96
16) Acetone	4.15	43	3139	7.733	ug/l #	77
20) Methylene Chloride	4.92	84	23614	11.611	ug/l	90
25) 2-Butanone	7.16	43	1386	2.400	ug/l #	79
29) Tetrahydrofuran	7.56	42	452	1.238	ug/l #	42
31) Cyclohexane	7.95	56	3923	1.103	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	14641	4.626	ug/l #	48
38) Carbon Tetrachloride	7.95	117	18909	5.561	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	43490	65.444	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43490	138.160	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.33	75	170	1.024	ug/l #	1
95) Naphthalene	15.38	128	3387	1.116	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.58	180	3328	2.183	ug/l #	1

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

Data File : VW006003.D
Acq On : 10 Oct 2018 23:24
Operator : SY/AP
Sample : J5331-02RE
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NM-STONE-DRUM-3RE

Quant Time: Oct 11 05:40:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

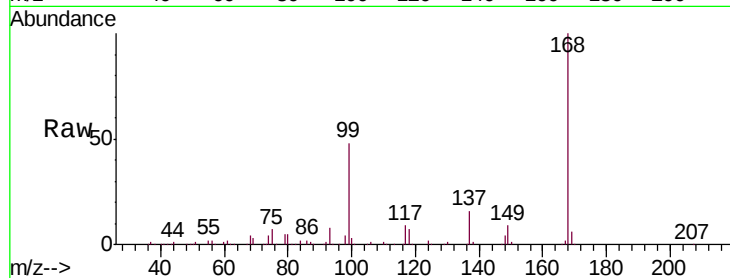
NM-STONE-DRUM-3RE

Tgt Ion:168 Resp: 209350

Ion Ratio Lower Upper

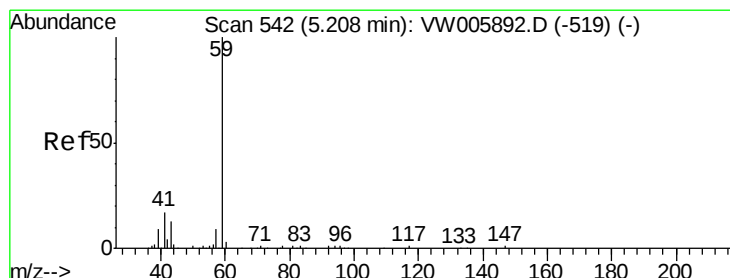
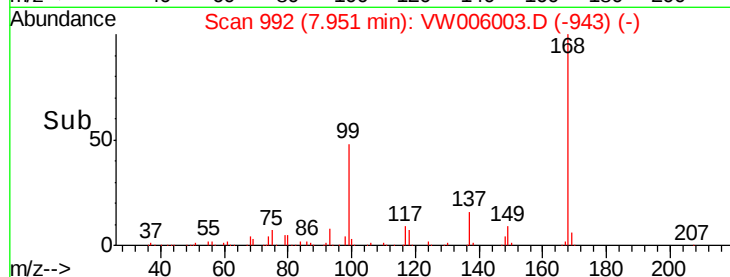
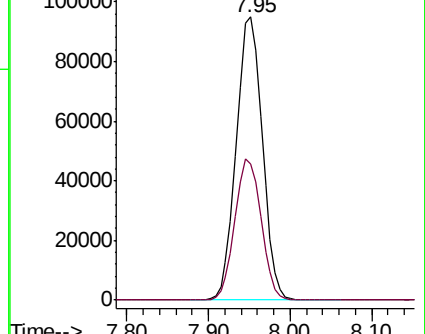
168 100

99 48.3 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 20.048 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.02 min

Lab File: VW006003.D

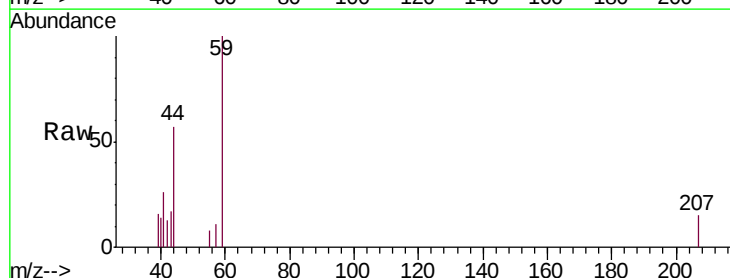
Acq: 10 Oct 2018 23:24

Tgt Ion: 59 Resp: 2986

Ion Ratio Lower Upper

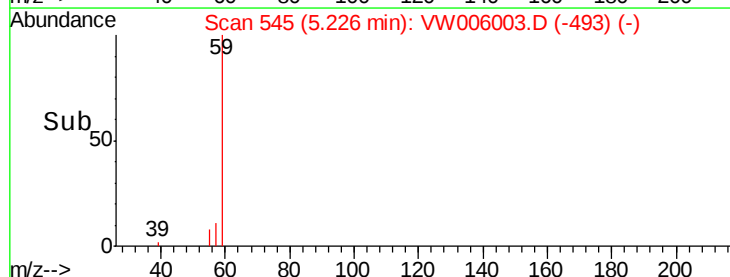
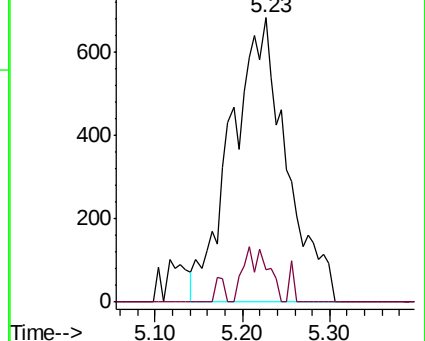
59 100

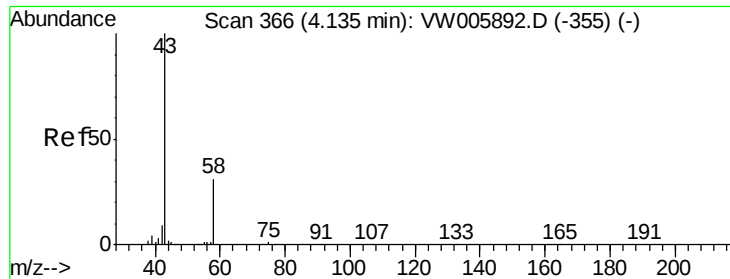
57 8.3 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

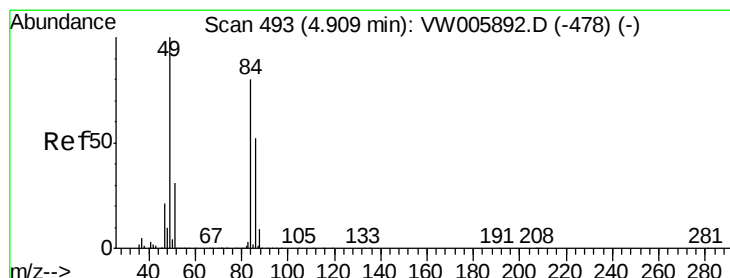
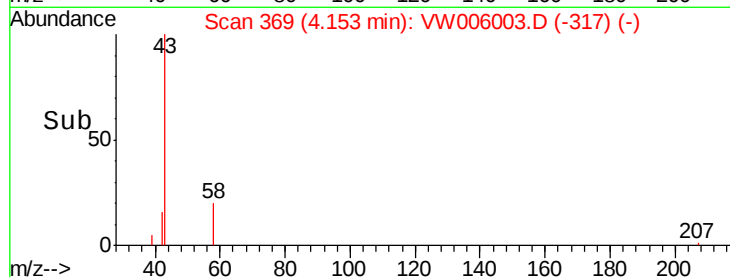
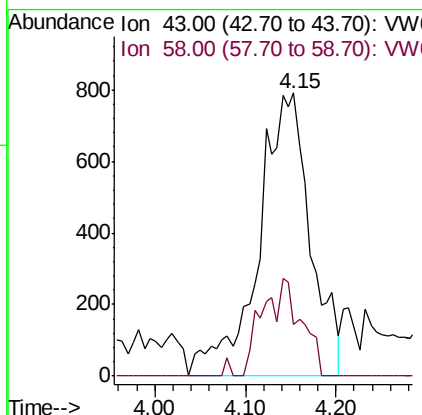
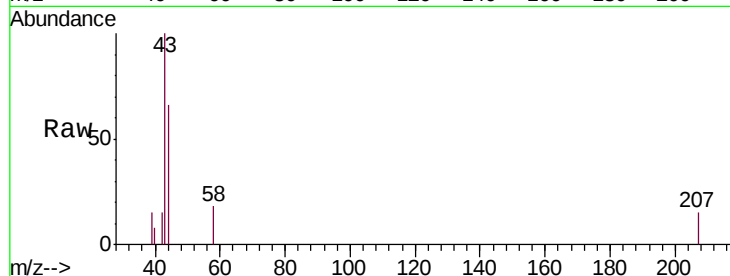




#16
Acetone
Concen: 7.733 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.02 min
Lab File: VW006003.D
Acq: 10 Oct 2018 23:24

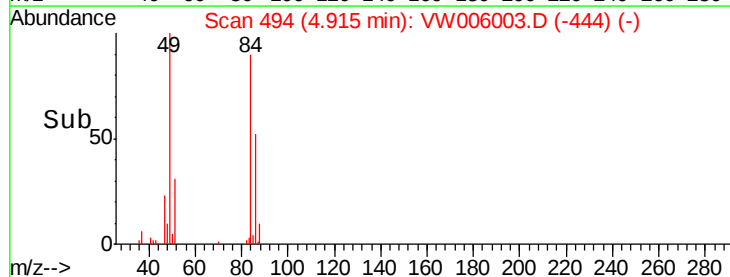
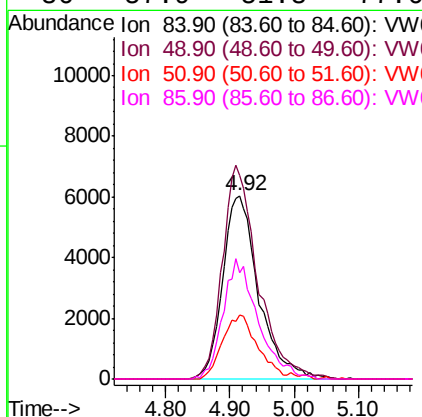
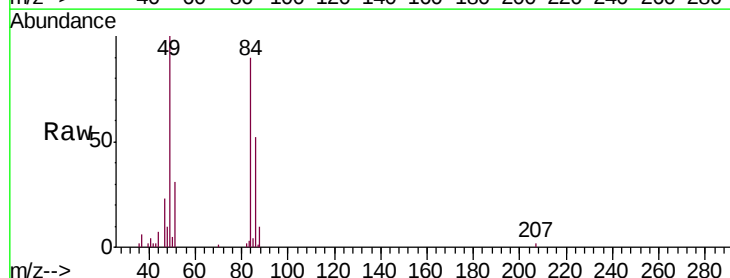
Instrument :
MSVOA_W
ClientSampleId :
NM-STONE-DRUM-3RE

Tgt Ion: 43 Resp: 3139
Ion Ratio Lower Upper
43 100
58 18.1 24.7 37.1#



#20
Methylene Chloride
Concen: 11.611 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006003.D
Acq: 10 Oct 2018 23:24

Tgt Ion: 84 Resp: 23614
Ion Ratio Lower Upper
84 100
49 110.9 99.9 149.9
51 34.6 31.1 46.7
86 57.9 51.8 77.6





#25

2-Butanone

Concen: 2.400 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

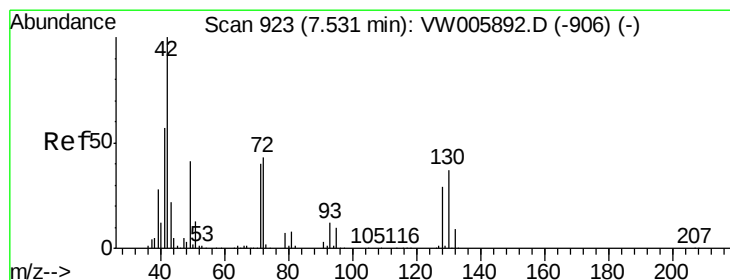
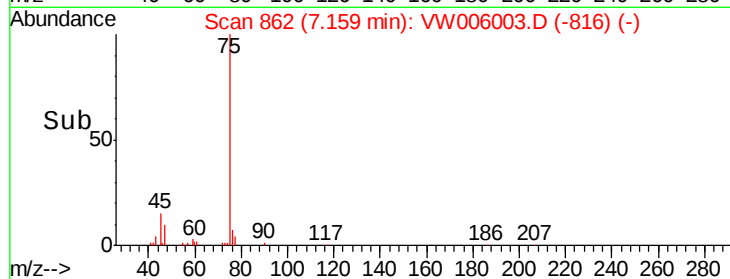
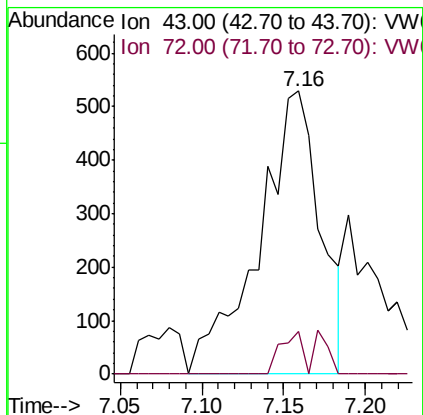
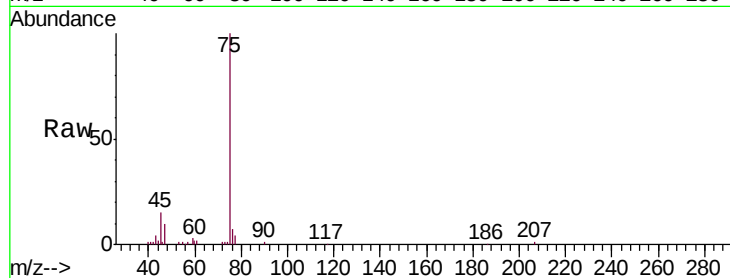
NM-STONE-DRUM-3RE

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

72 15.3 21.0 31.4#



#29

Tetrahydrofuran

Concen: 1.238 ug/l

RT: 7.56 min Scan# 927

Delta R.T. 0.02 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

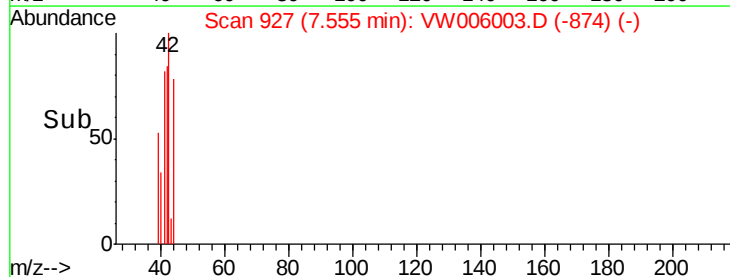
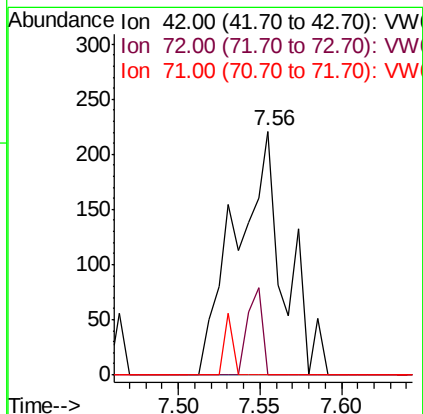
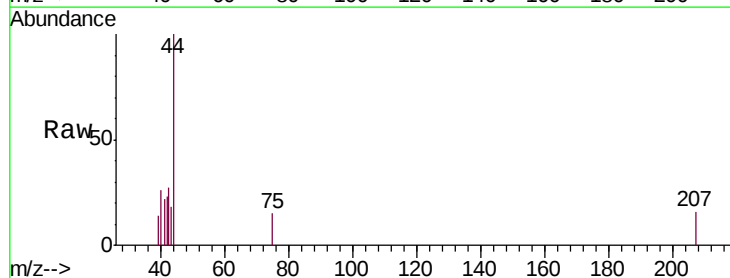
Tgt Ion: 42 Resp: 452

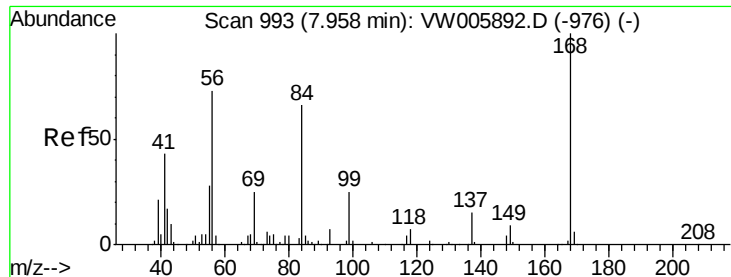
Ion Ratio Lower Upper

42 100

72 11.1 34.6 51.8#

71 0.0 32.6 49.0#

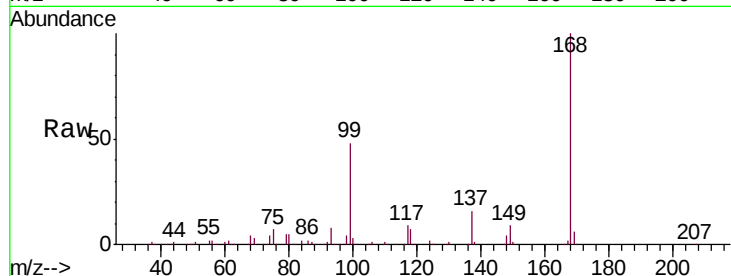




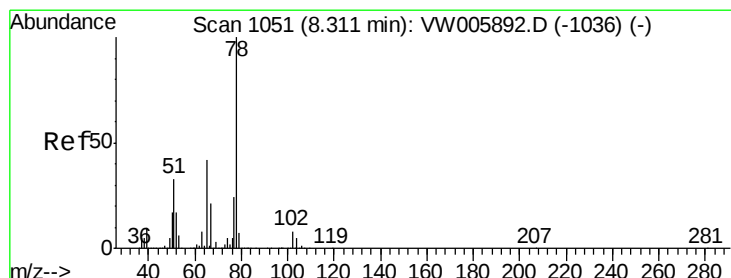
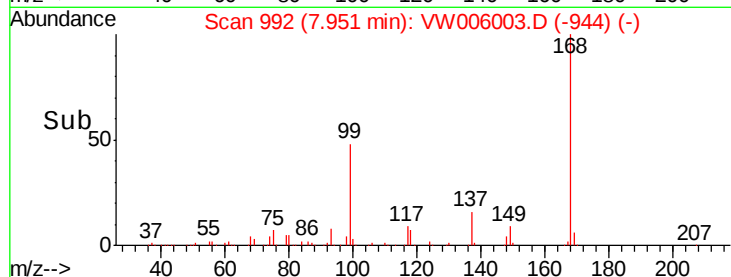
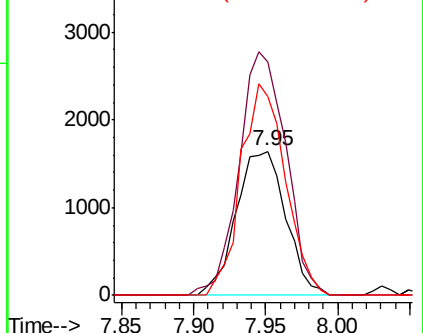
#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006003.D
Acq: 10 Oct 2018 23:24

Instrument :
MSVOA_W
ClientSampleId :
NM-STONE-DRUM-3RE

Tgt Ion: 56 Resp: 3923
Ion Ratio Lower Upper
56 100
69 162.0 27.9 41.9#
84 138.0 72.3 108.5#

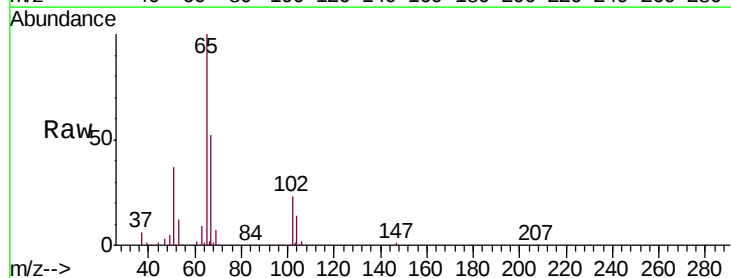


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

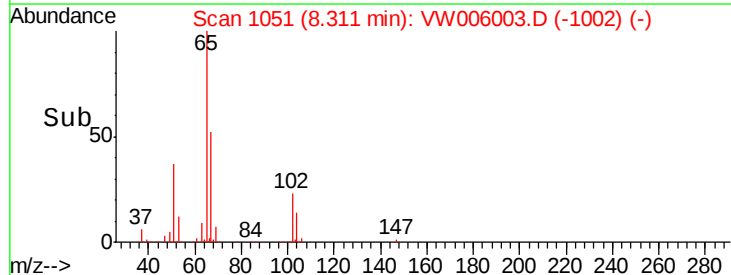
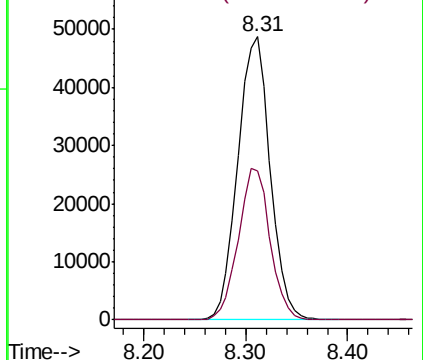


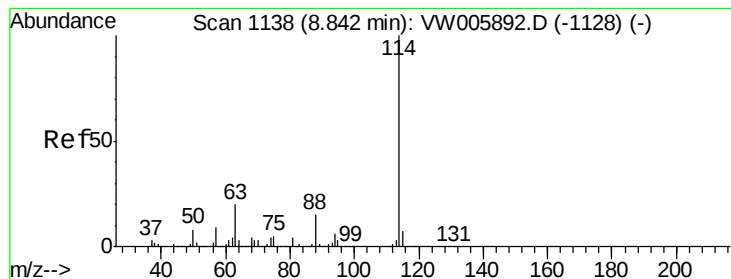
#33
1,2-Dichloroethane-d4
Concen: 52.879 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006003.D
Acq: 10 Oct 2018 23:24

Tgt Ion: 65 Resp: 107468
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



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. 0.01 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

NM-STONE-DRUM-3RE

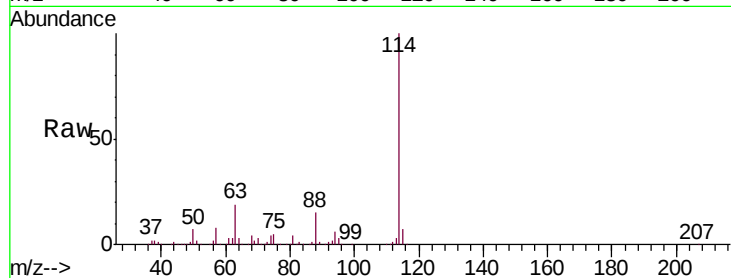
Tgt Ion:114 Resp: 330314

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

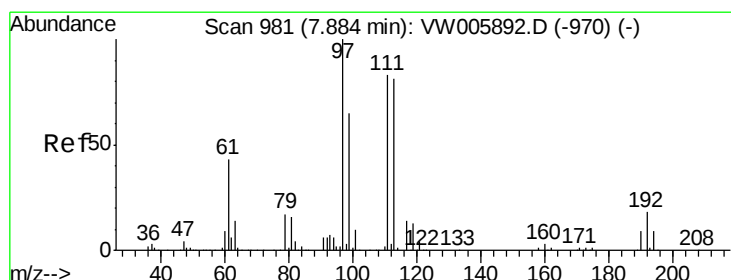
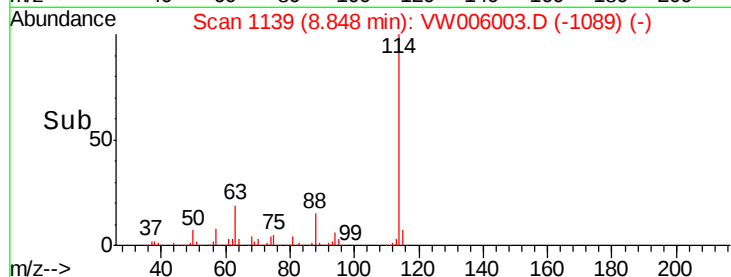
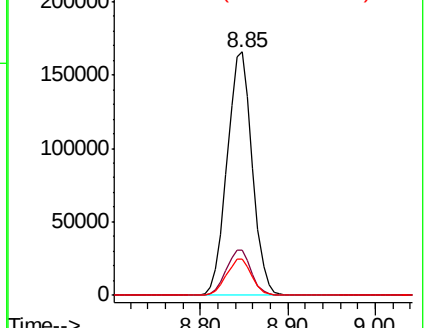
88 15.0 0.0 30.8



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: 49.921 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

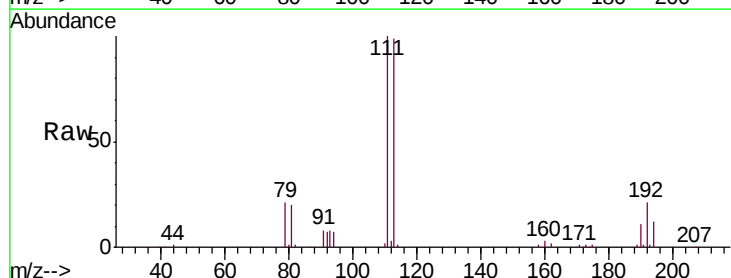
Tgt Ion:113 Resp: 105278

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

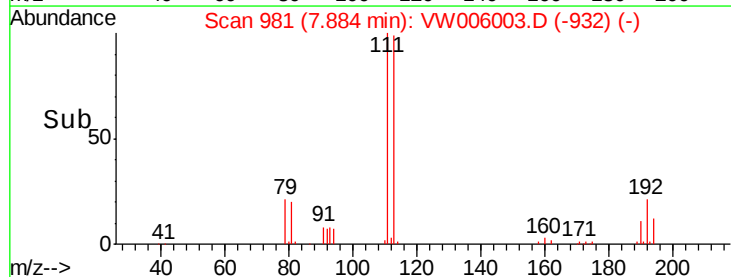
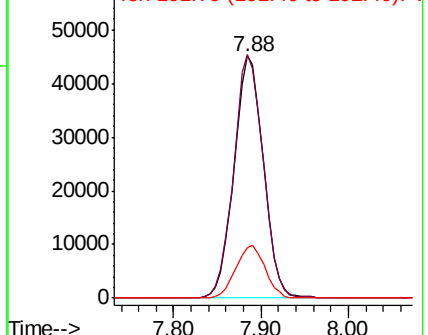
192 21.8 18.3 27.5

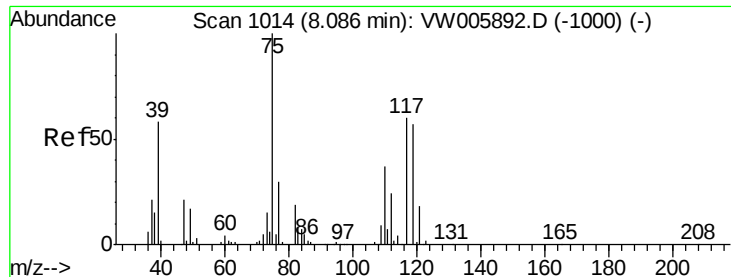


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

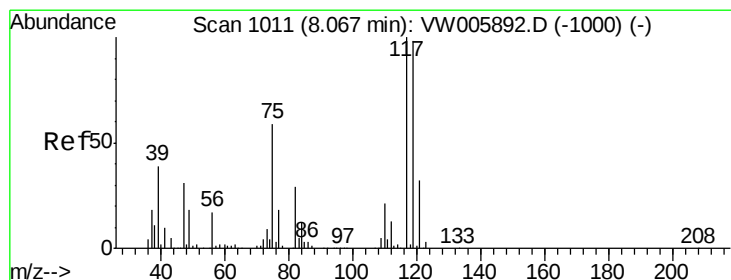
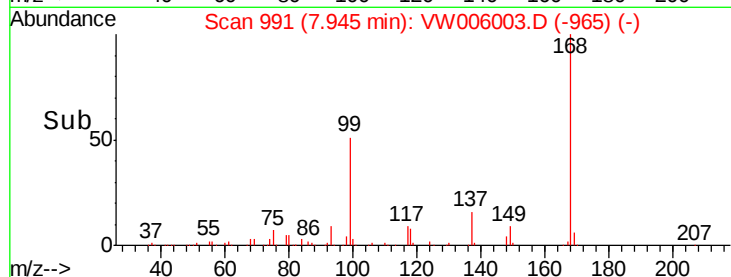
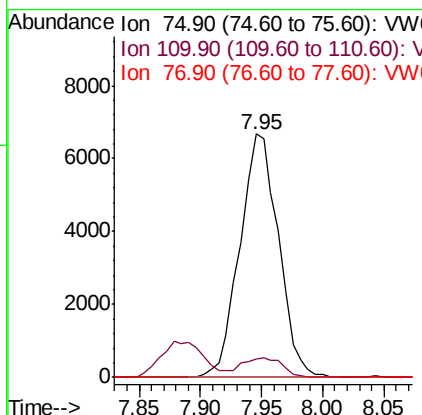
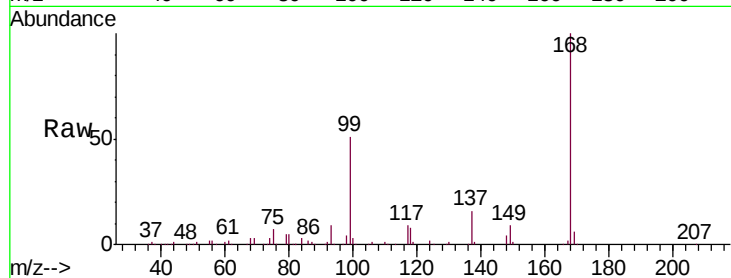




#36
 1,1-Dichloropropene
 Concen: 4.626 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

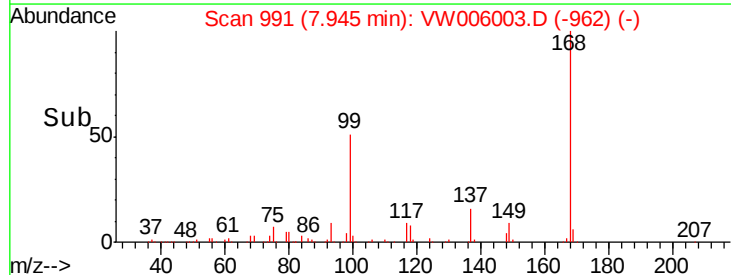
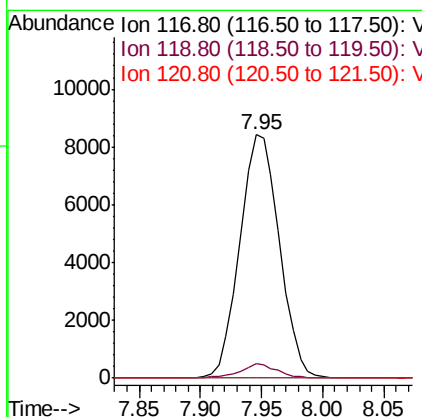
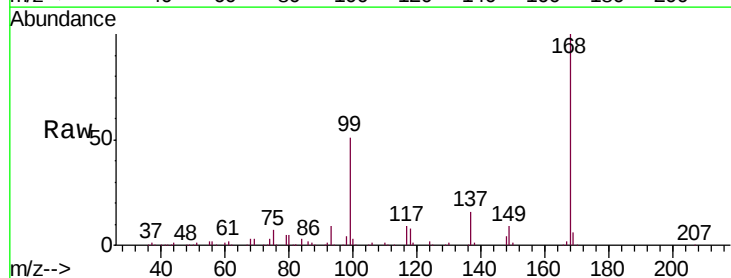
Instrument :
 MSVOA_W
 ClientSampleId :
 NM-STONE-DRUM-3RE

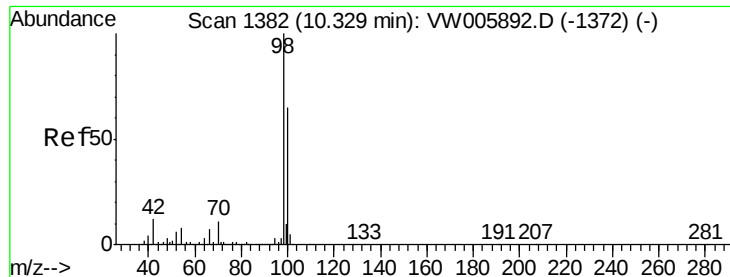
Tgt Ion: 75 Resp: 14641
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.6 56.0#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.561 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

Tgt Ion: 117 Resp: 18909
 Ion Ratio Lower Upper
 117 100
 119 5.8 78.6 117.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 37.677 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

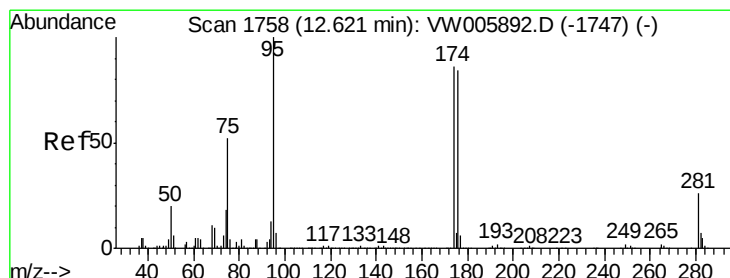
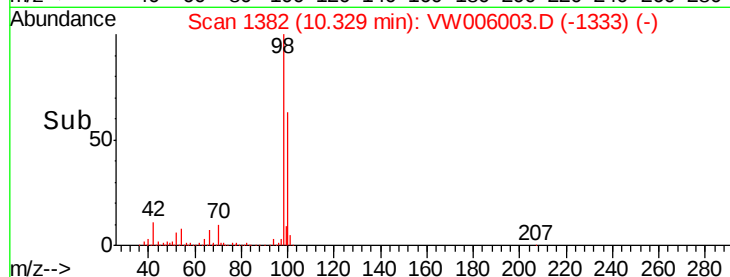
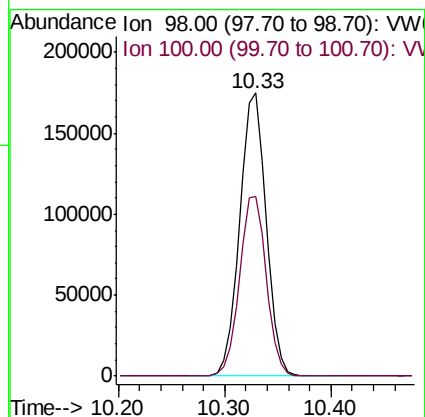
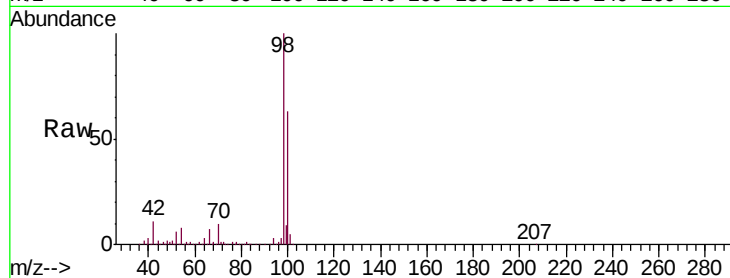
NM-STONE-DRUM-3RE

Tgt Ion: 98 Resp: 305703

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 27.476 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

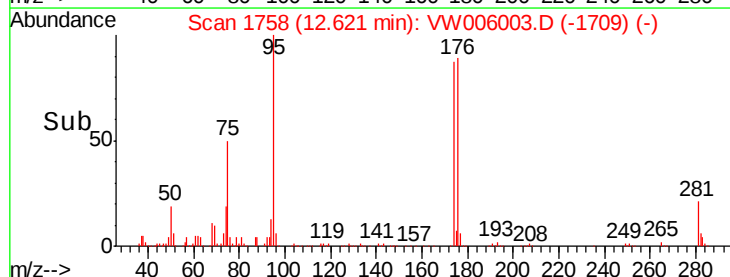
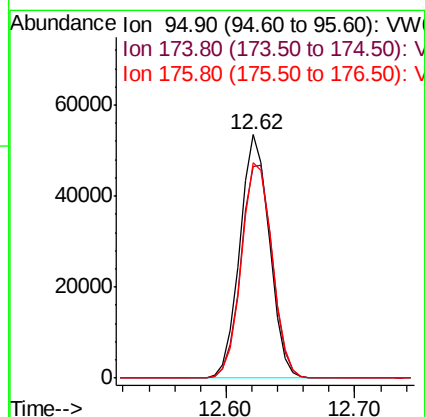
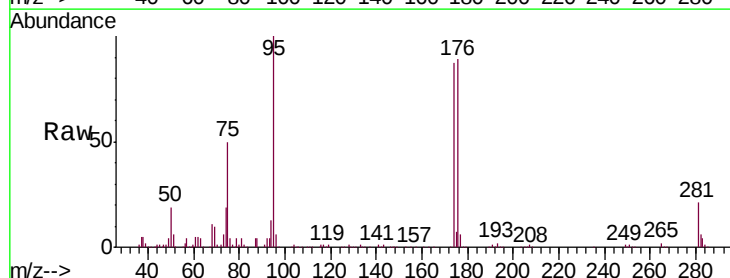
Tgt Ion: 95 Resp: 84820

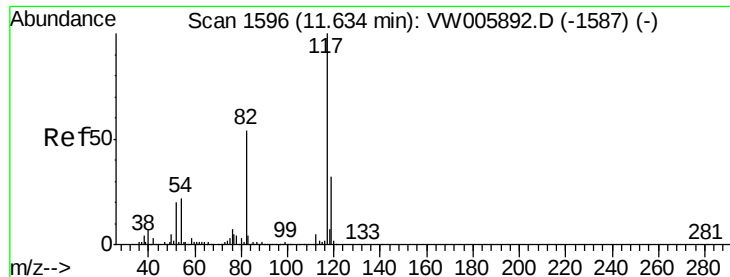
Ion Ratio Lower Upper

95 100

174 92.4 0.0 176.4

176 91.4 0.0 173.0

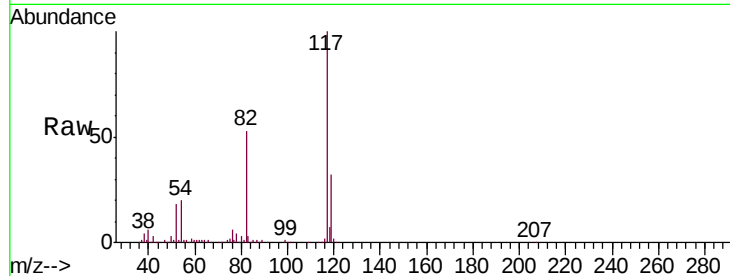




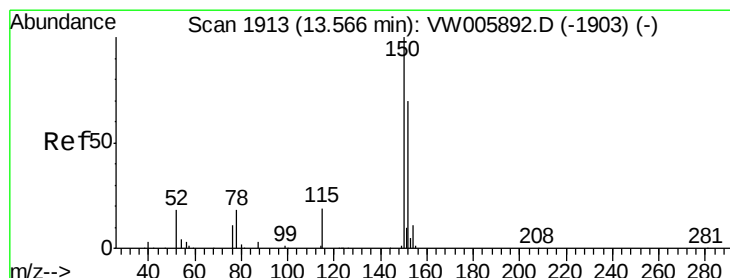
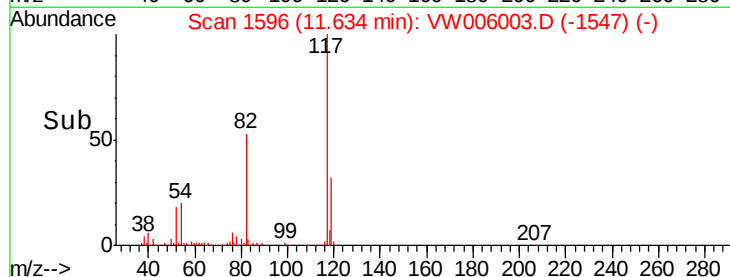
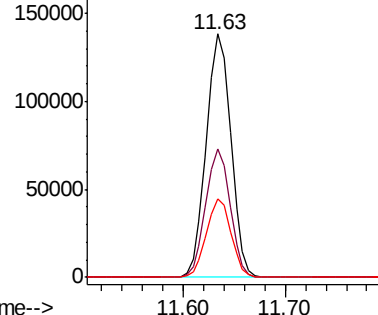
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006003.D
Acq: 10 Oct 2018 23:24

Instrument :
MSVOA_W
ClientSampleId :
NM-STONE-DRUM-3RE

Tgt Ion:117 Resp: 231074
Ion Ratio Lower Upper
117 100
82 52.8 43.5 65.3
119 32.1 25.4 38.2

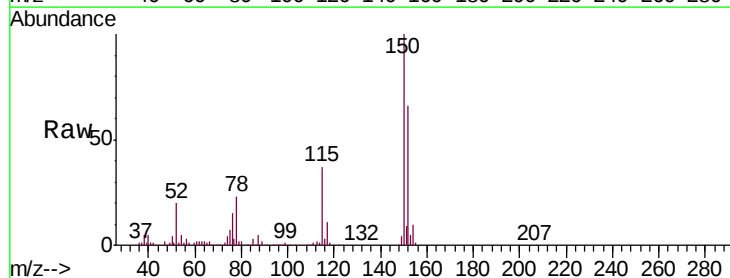


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

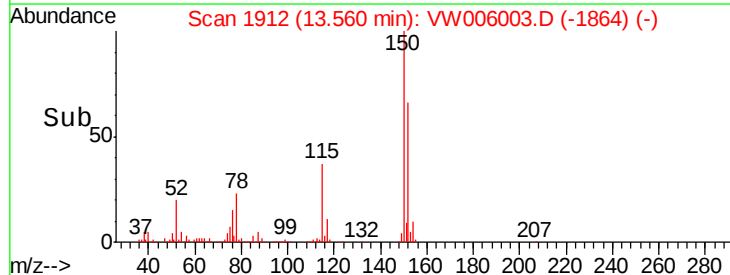
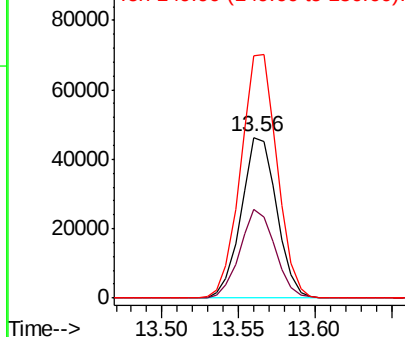


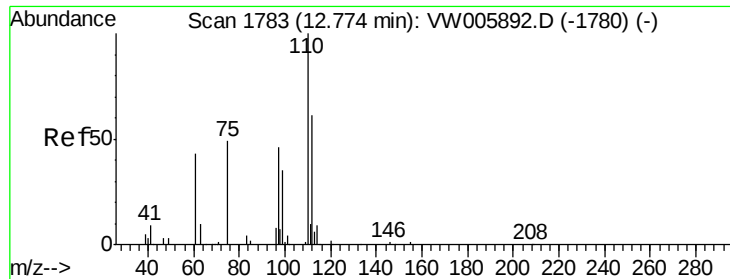
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006003.D
Acq: 10 Oct 2018 23:24

Tgt Ion:152 Resp: 74393
Ion Ratio Lower Upper
152 100
115 54.8 28.3 85.0
150 155.5 0.0 349.2



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: 65.444 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

Instrument :

MSVOA_W

ClientSampleId :

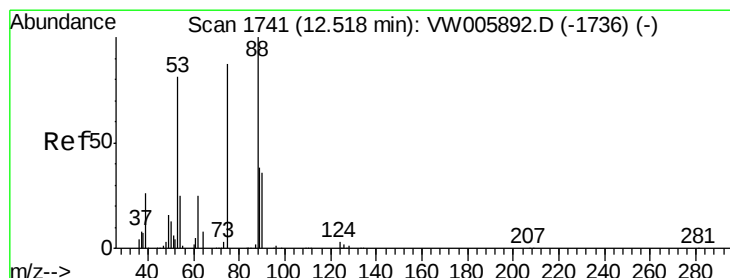
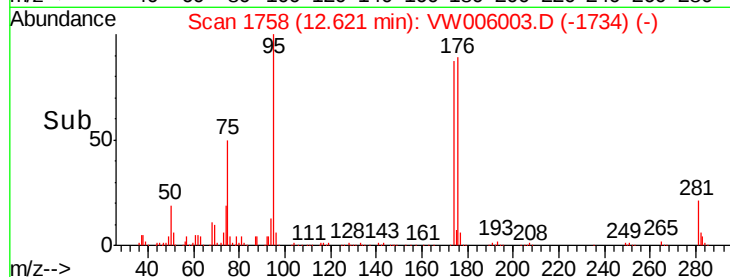
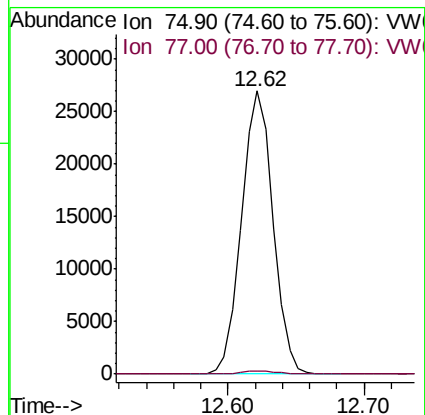
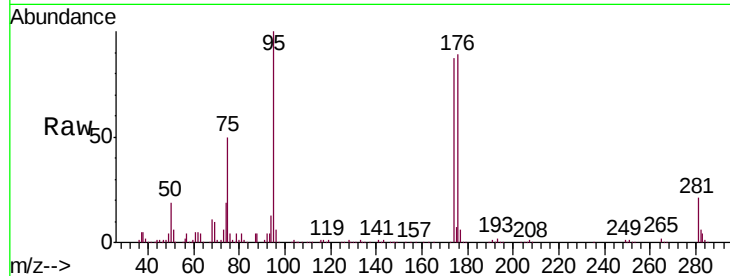
NM-STONE-DRUM-3RE

Tgt Ion: 75 Resp: 43490

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.160 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006003.D

Acq: 10 Oct 2018 23:24

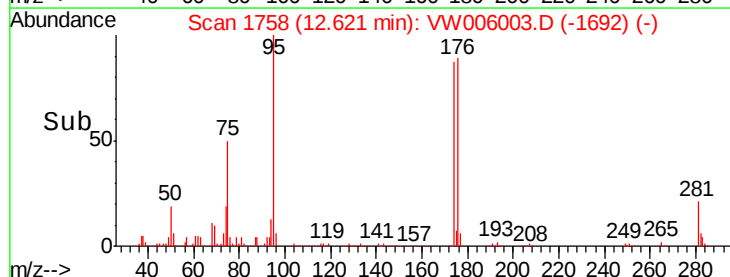
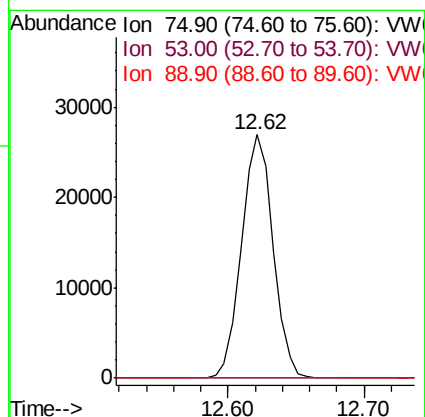
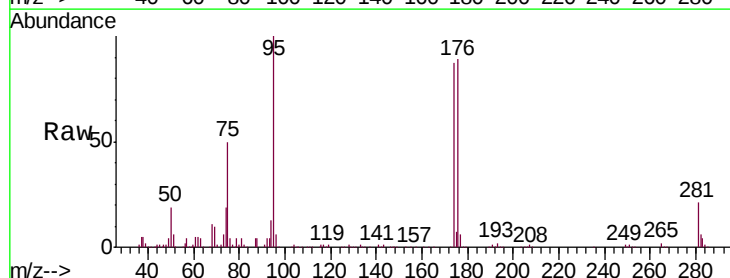
Tgt Ion: 75 Resp: 43490

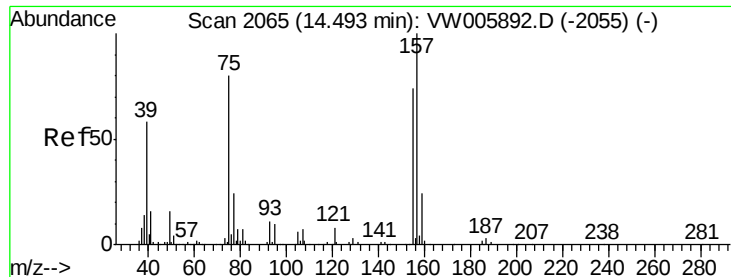
Ion Ratio Lower Upper

75 100

53 0.0 76.5 114.7#

89 0.0 37.6 56.4#

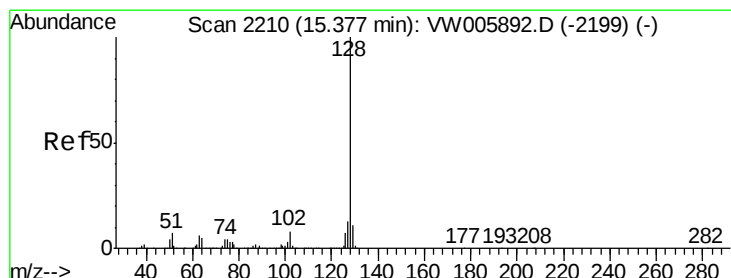
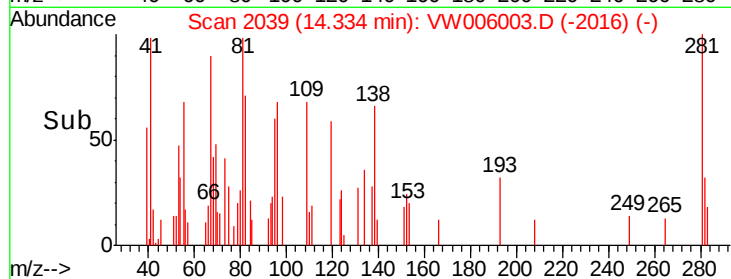
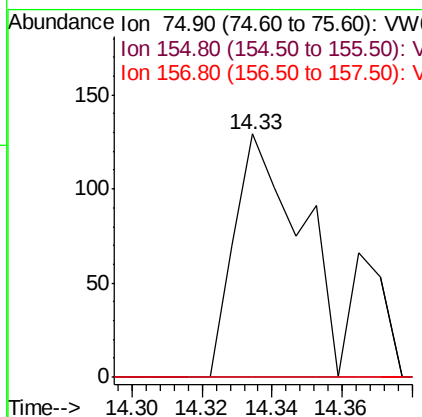
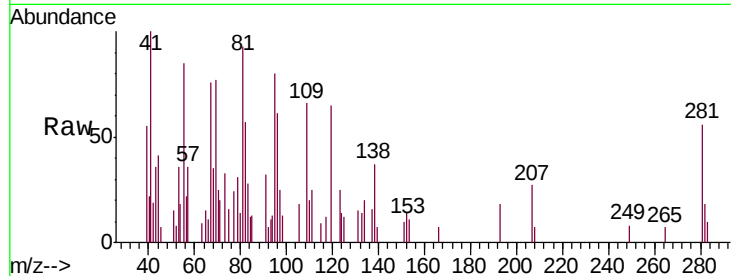




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.024 ug/l
 RT: 14.33 min Scan# 2039
 Delta R.T. -0.16 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

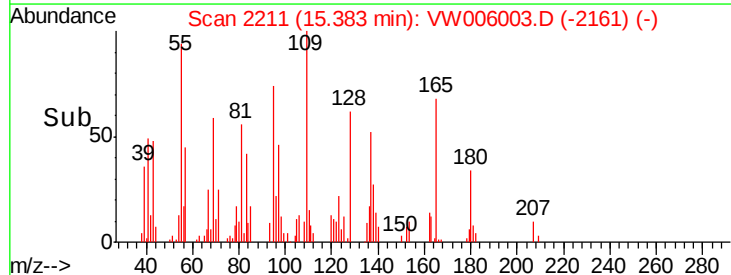
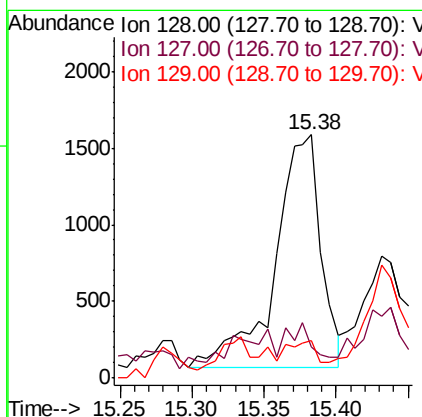
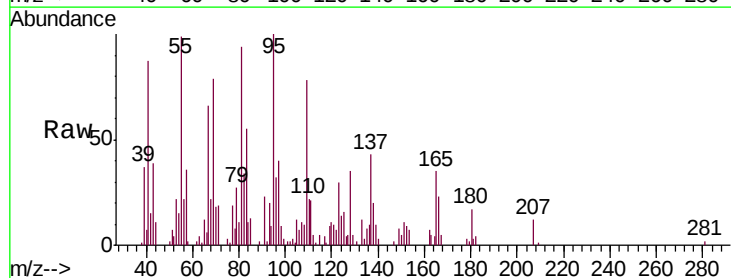
Instrument :
 MSVOA_W
 ClientSampleId :
 NM-STONE-DRUM-3RE

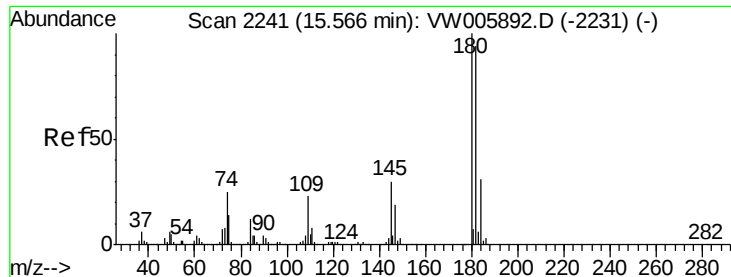
Tgt Ion: 75 Resp: 170
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.8 134.3#
 157 0.0 58.9 176.6#



#95
 Naphthalene
 Concen: 1.116 ug/l
 RT: 15.38 min Scan# 2211
 Delta R.T. 0.01 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

Tgt Ion: 128 Resp: 3387
 Ion Ratio Lower Upper
 128 100
 127 7.8 10.5 15.7#
 129 6.6 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.183 ug/l
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW006003.D
 Acq: 10 Oct 2018 23:24

Instrument :
 MSVOA_W
 ClientSampleId :
 NM-STONE-DRUM-3RE

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.6	142.8#
145	124.1	15.3	45.9#

