

Data File : VW005108.D
Acq On : 05 Sep 2018 05:08
Operator : SY/AP
Sample : J4747-03
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FL-DRUM-3-STONE

Quant Time: Sep 05 07:45:21 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	496358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	784289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	702168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	240630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	148702	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	
35) Dibromofluoromethane	7.89	113	149593	33.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.02%	
50) Toluene-d8	10.33	98	540149	25.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.72%	
62) 4-Bromofluorobenzene	12.62	95	165612	22.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.98%	

Target Compounds

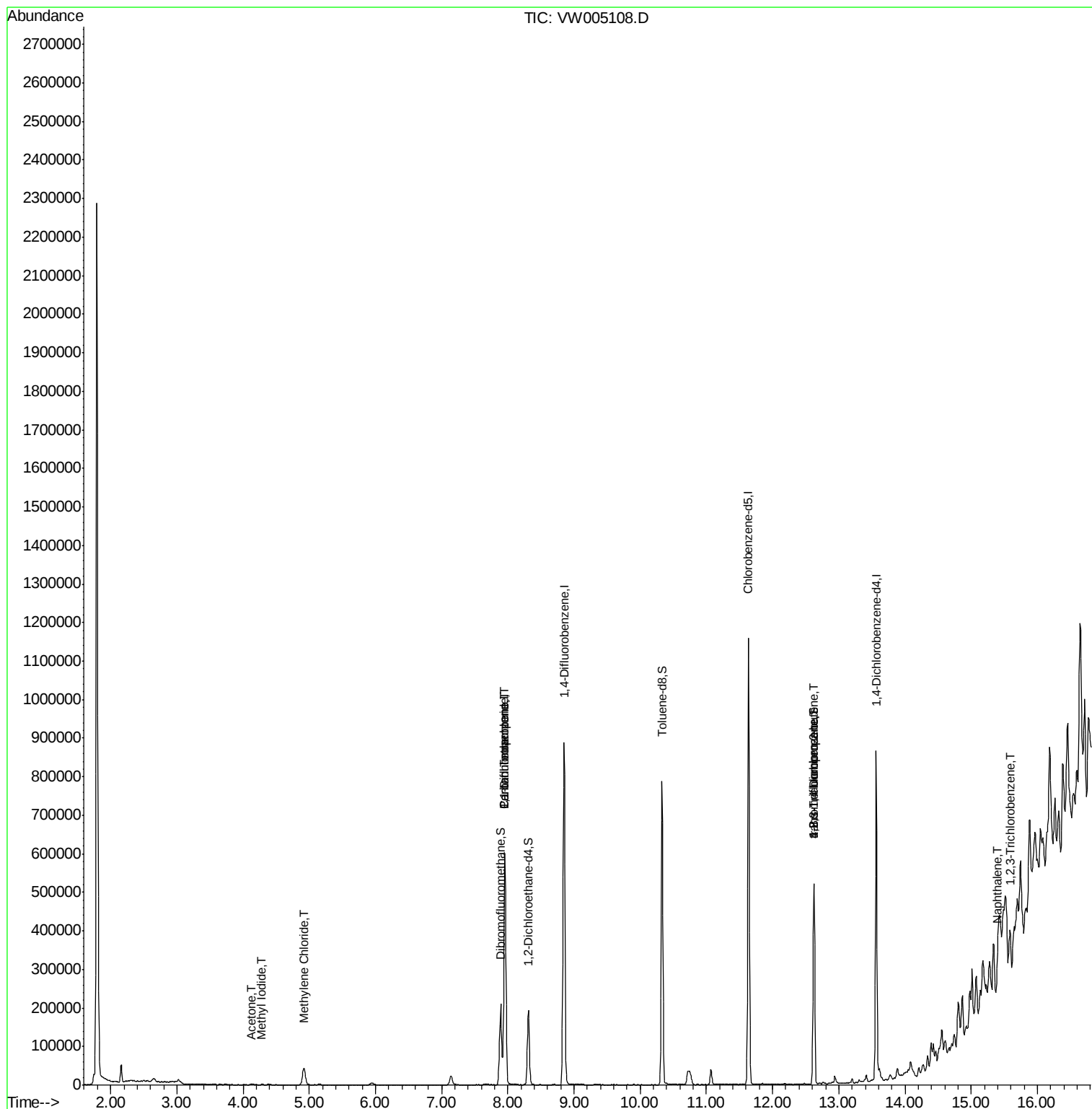
						Qvalue
5) Bromomethane	2.77	94	761	Below Cal	#	74
10) Methyl Iodide	4.28	142	638	3.909	ug/l #	63
11) Tert butyl alcohol	5.13	59	106	Below Cal	#	72
16) Acetone	4.13	43	1882	2.281	ug/l	99
20) Methylene Chloride	4.92	84	35826	2.748	ug/l	96
36) 1,1-Dichloropropene	7.96	75	32617	4.367	ug/l #	47
38) Carbon Tetrachloride	7.96	117	42692	6.011	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75934	42.040	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75934	101.186	ug/l #	15
95) Naphthalene	15.38	128	6223	4.640	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.58	180	8056	1.876	ug/l #	22

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

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MSVOA_W

ClientSampleId :

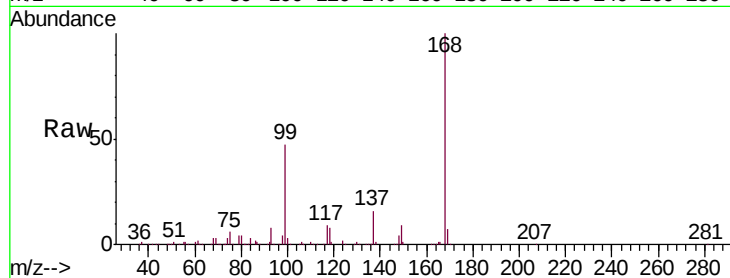
FL-DRUM-3-STONE

Tgt Ion:168 Resp: 496358

Ion Ratio Lower Upper

168 100

99 47.3 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

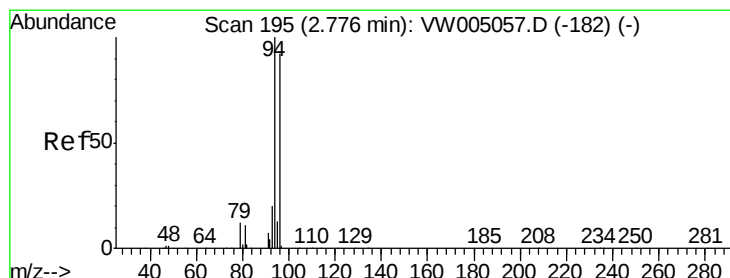
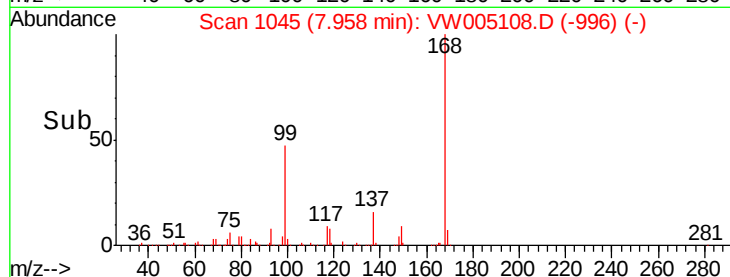
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW005108.D

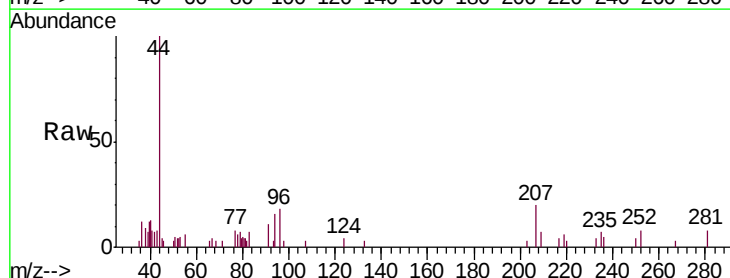
Acq: 05 Sep 2018 05:08

Tgt Ion: 94 Resp: 761

Ion Ratio Lower Upper

94 100

96 66.6 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

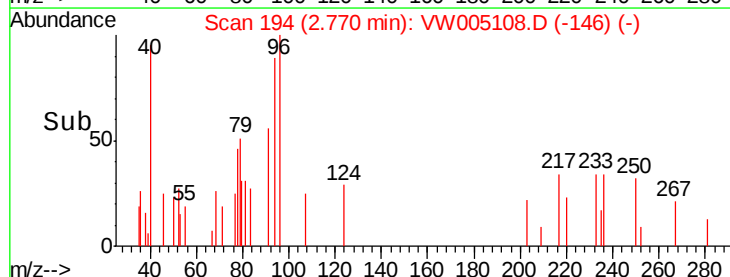
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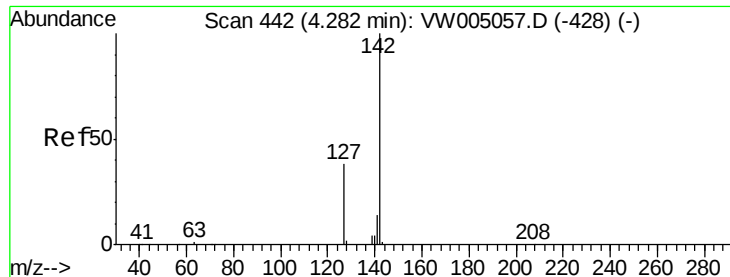
200

100

0

Time-->

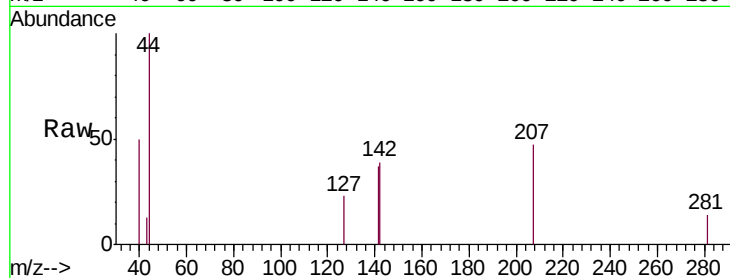




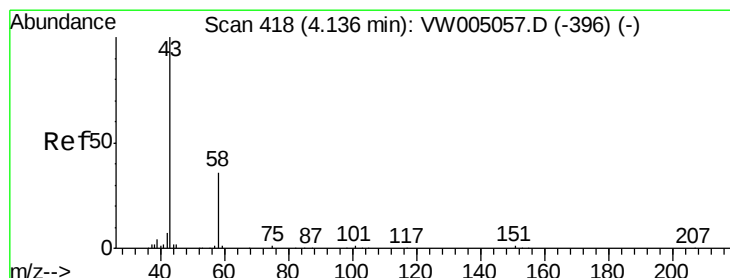
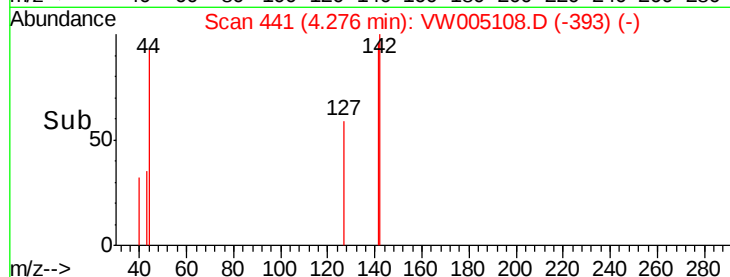
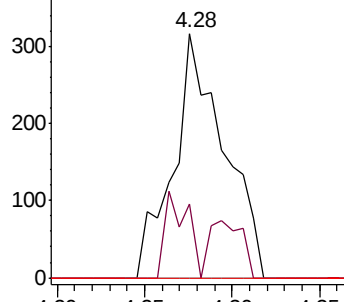
#10
Methyl Iodide
Concen: 3.909 ug/l
RT: 4.28 min Scan# 441
Delta R.T. -0.01 min
Lab File: VW005108.D
Acq: 05 Sep 2018 05:08

Instrument :
MSVOA_W
ClientSampleId :
FL-DRUM-3-STONE

Tgt Ion:142 Resp: 638
Ion Ratio Lower Upper
142 100
127 15.5 30.8 46.2#
141 0.0 11.6 17.4#

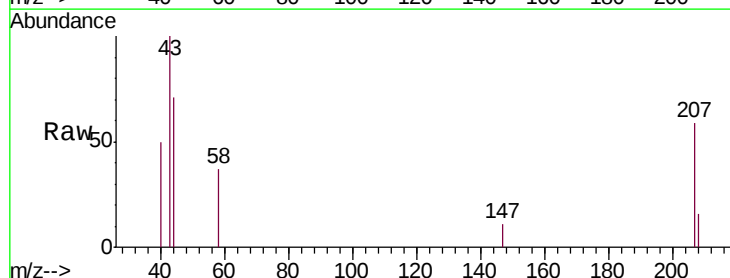


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

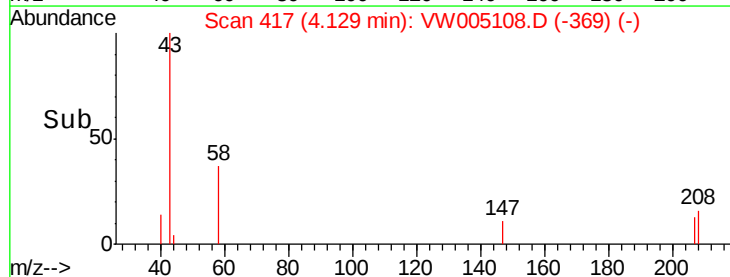
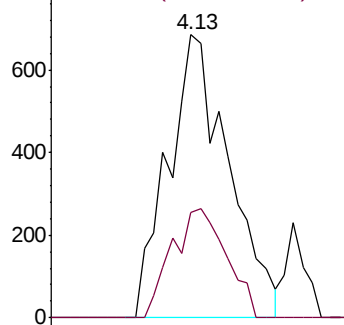


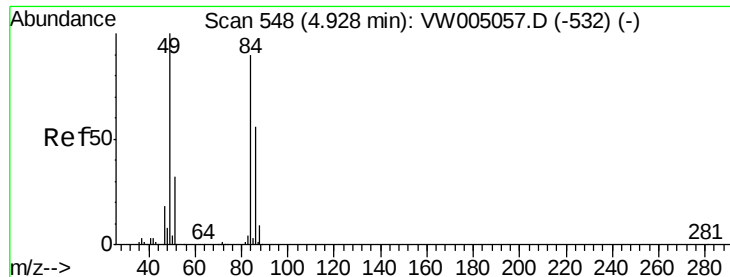
#16
Acetone
Concen: 2.281 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.01 min
Lab File: VW005108.D
Acq: 05 Sep 2018 05:08

Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 37.1 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

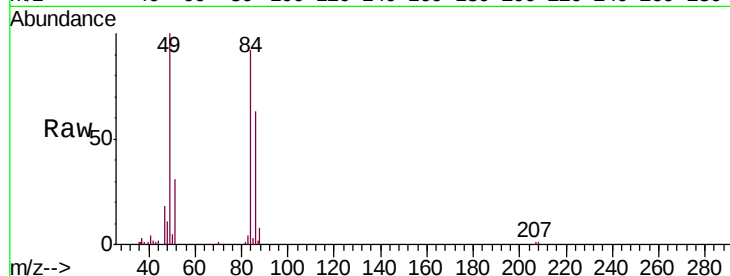




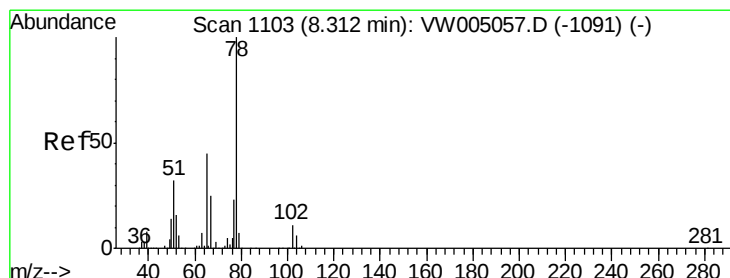
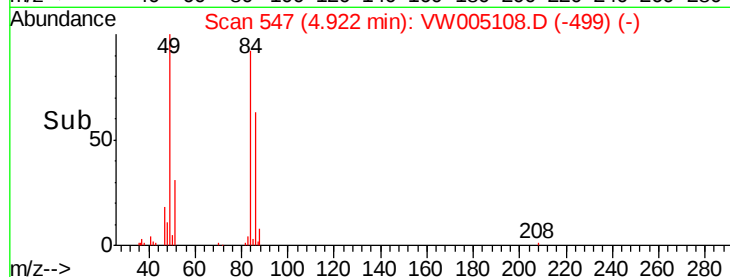
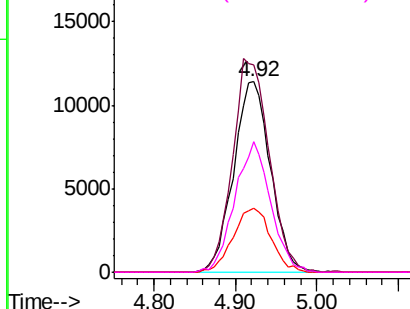
#20
Methylene Chloride
Concen: 2.748 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.01 min
Lab File: VW005108.D
Acq: 05 Sep 2018 05:08

Instrument :
MSVOA_W
ClientSampleId :
FL-DRUM-3-STONE

Tgt Ion:	84	Resp:	35826
Ion	Ratio	Lower	Upper
84	100		
49	109.2	88.7	133.1
51	33.6	28.6	42.8
86	68.8	49.4	74.2

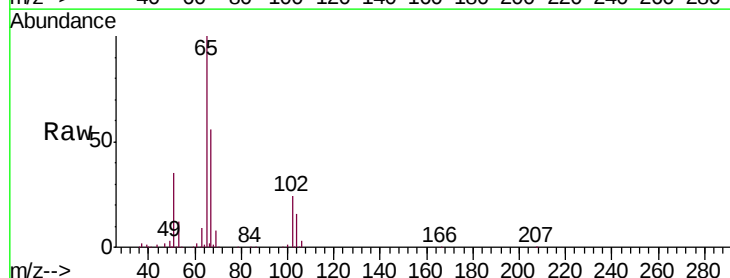


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

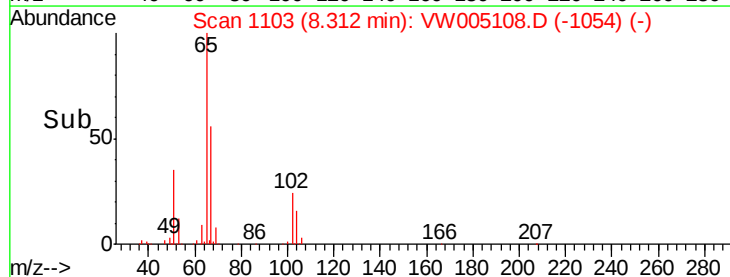
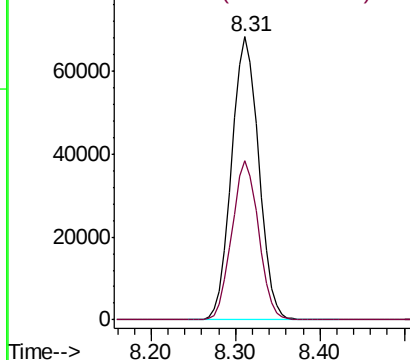


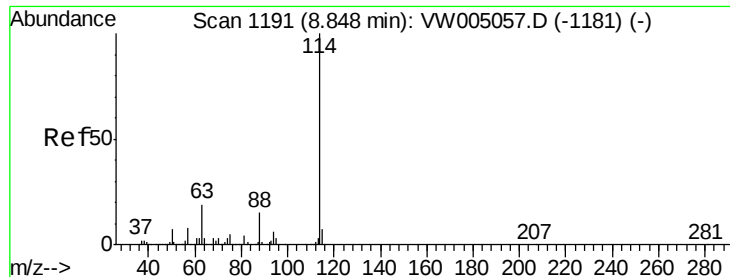
#33
1,2-Dichloroethane-d4
Concen: 36.140 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW005108.D
Acq: 05 Sep 2018 05:08

Tgt Ion:	65	Resp:	148702
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

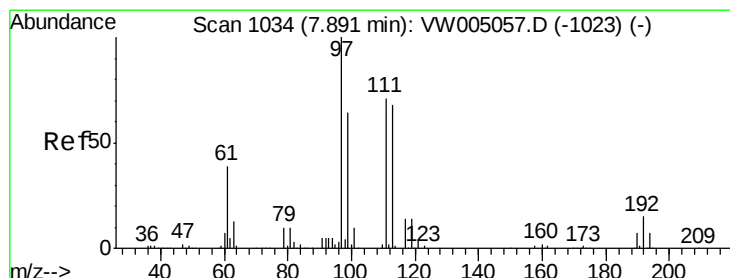
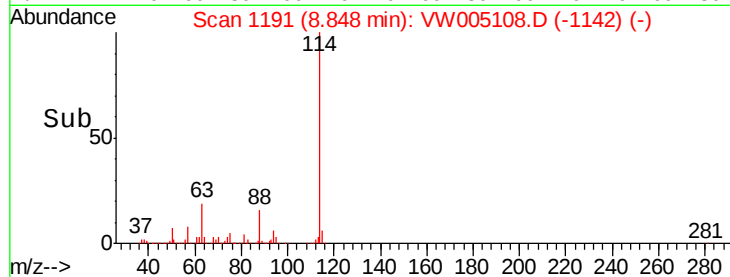
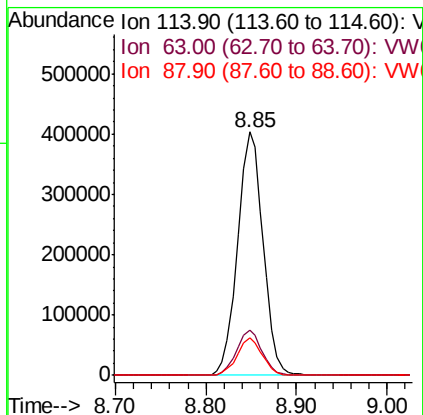
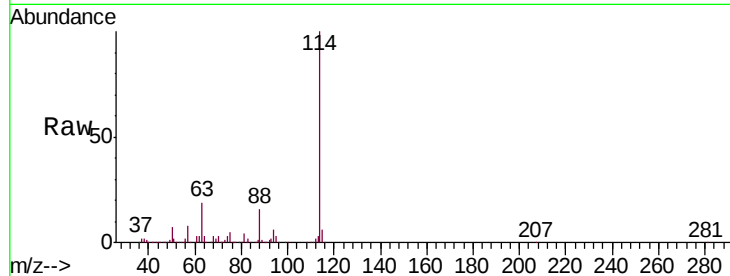




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005108.D
 Acq: 05 Sep 2018 05:08

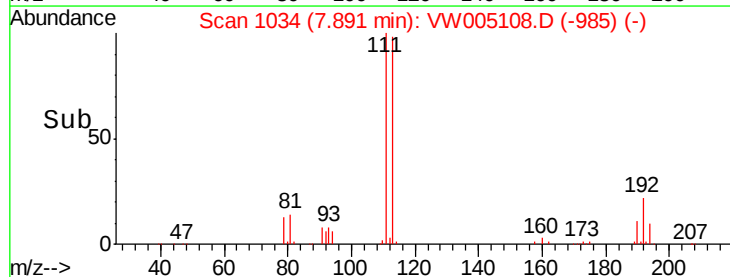
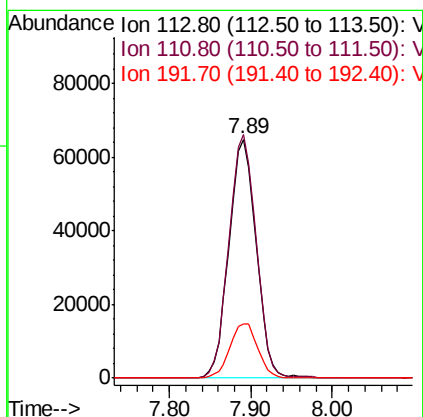
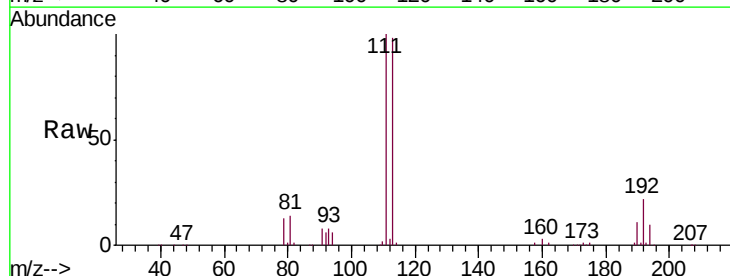
Instrument :
 MSVOA_W
 ClientSampleId :
 FL-DRUM-3-STONE

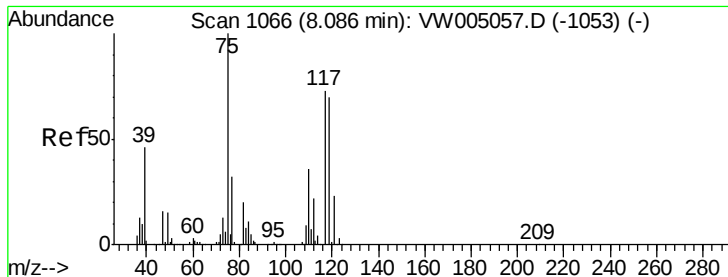
Tgt Ion:114 Resp: 784289
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.6 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 33.006 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005108.D
 Acq: 05 Sep 2018 05:08

Tgt Ion:113 Resp: 149593
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 23.3 18.1 27.1





#36

1,1-Dichloropropene

Concen: 4.367 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

FL-DRUM-3-STONE

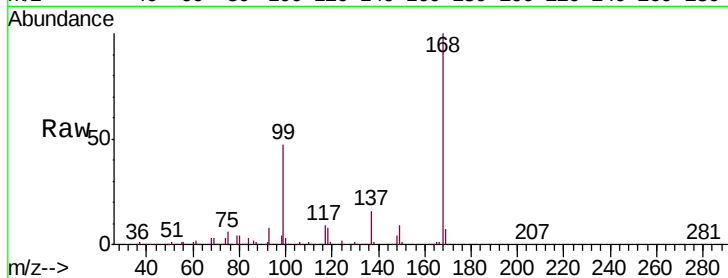
Tgt Ion: 75 Resp: 32617

Ion Ratio Lower Upper

75 100

110 7.9 18.9 56.7#

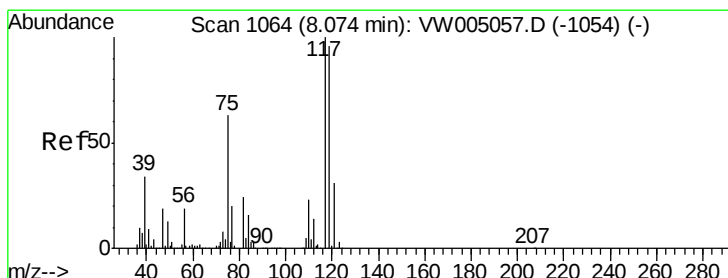
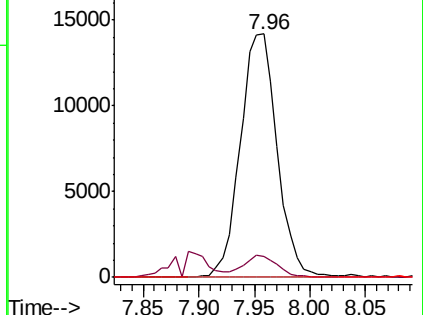
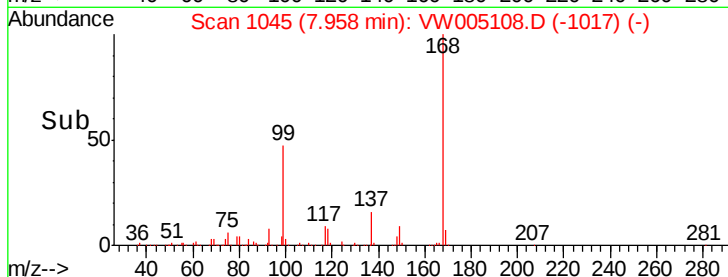
77 0.1 25.5 38.3#



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: 6.011 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

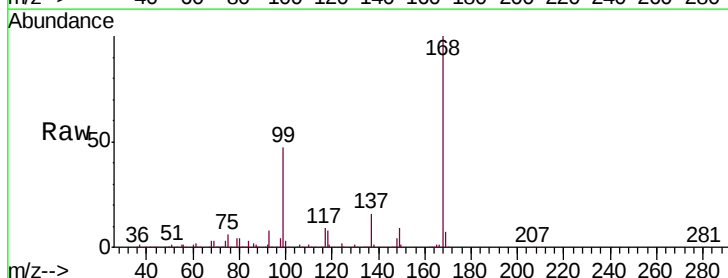
Tgt Ion: 117 Resp: 42692

Ion Ratio Lower Upper

117 100

119 5.7 76.6 115.0#

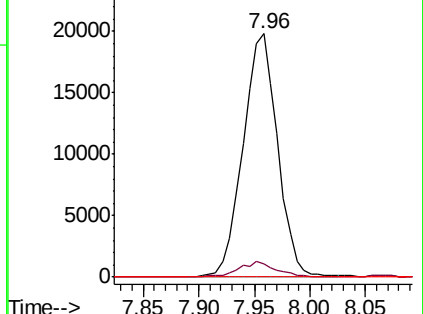
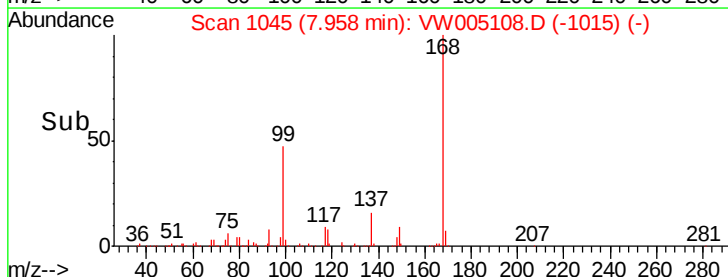
121 0.0 24.8 37.2#

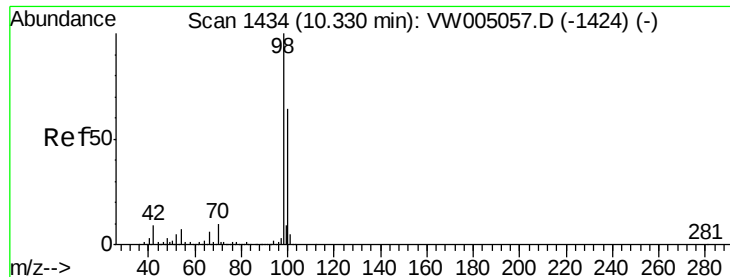


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 25.864 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

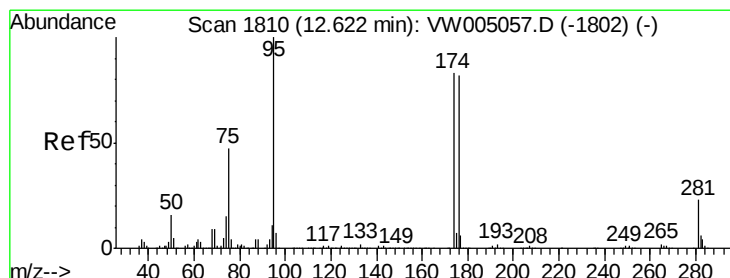
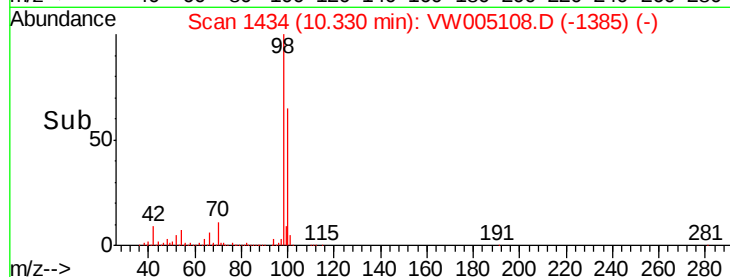
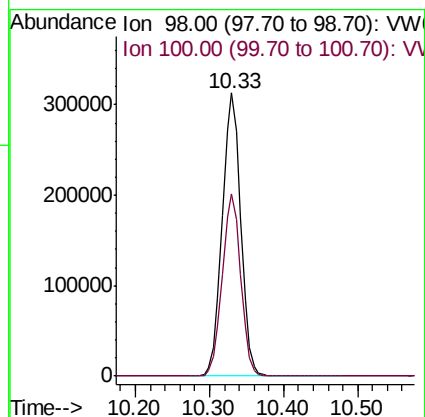
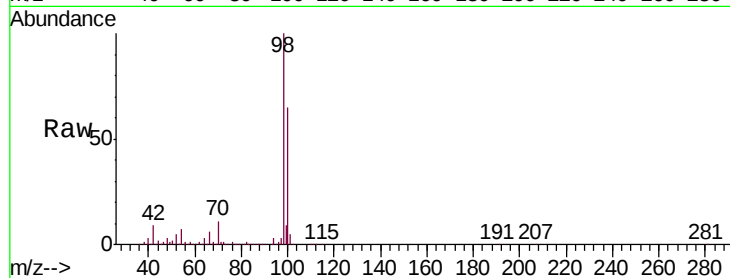
FL-DRUM-3-STONE

Tgt Ion: 98 Resp: 540149

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 22.490 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

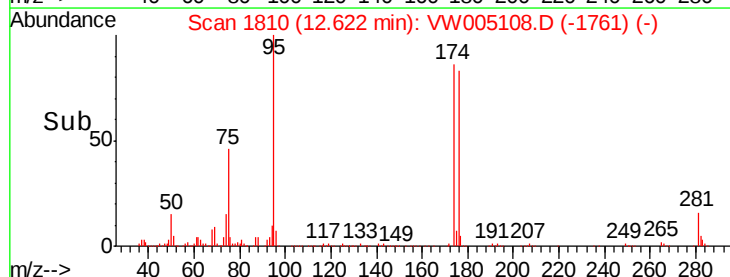
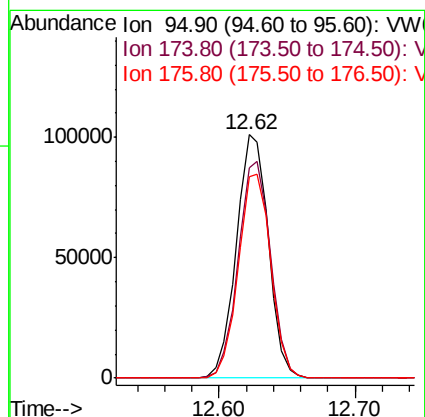
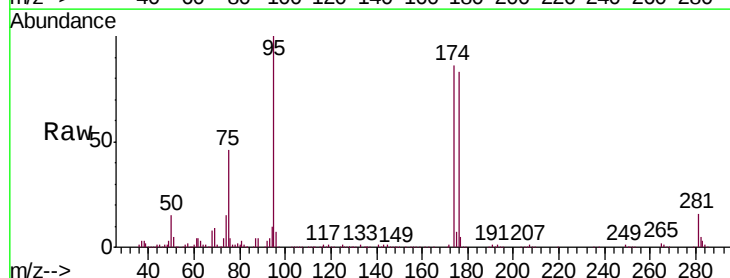
Tgt Ion: 95 Resp: 165612

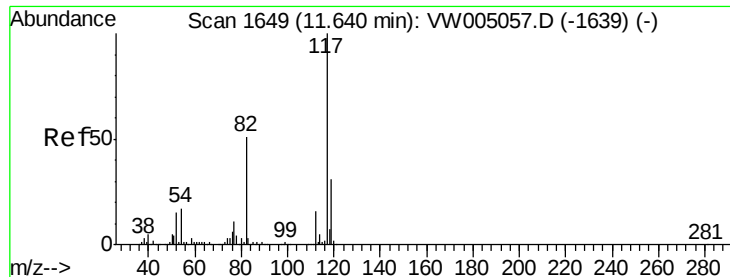
Ion Ratio Lower Upper

95 100

174 90.0 0.0 173.4

176 85.3 0.0 167.4

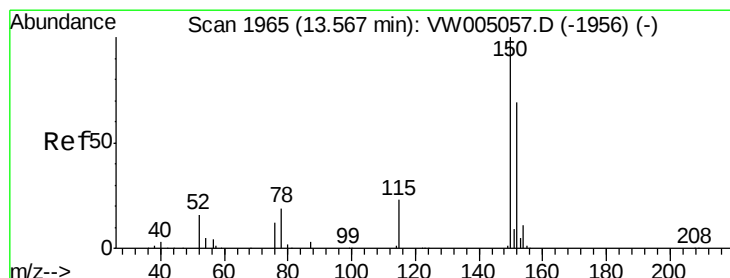
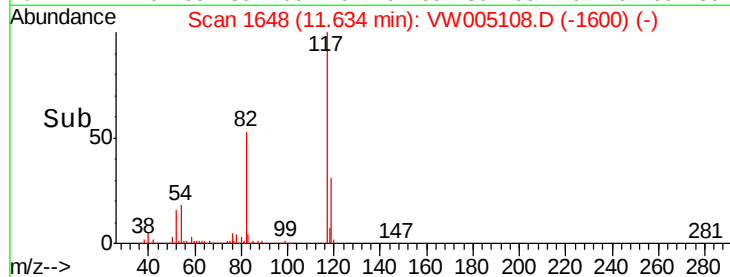
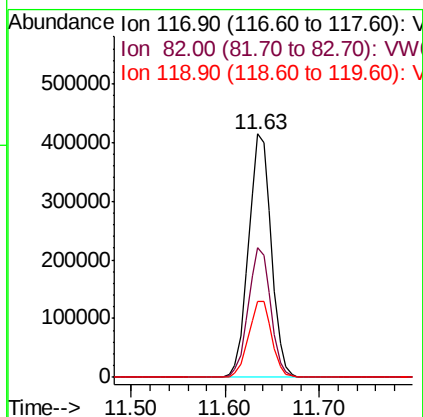
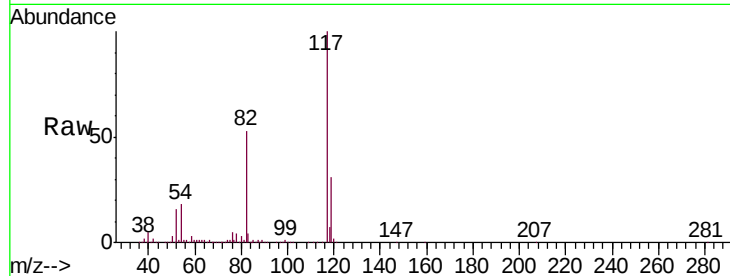




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005108.D
Acq: 05 Sep 2018 05:08

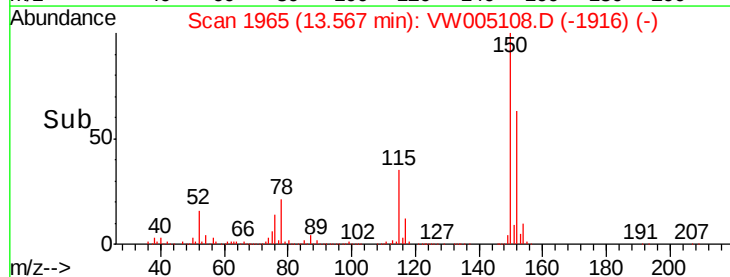
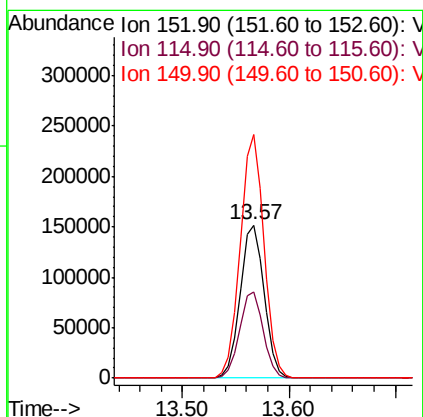
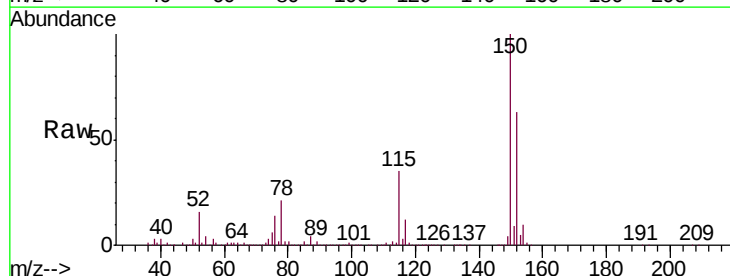
Instrument :
MSVOA_W
ClientSampleId :
FL-DRUM-3-STONE

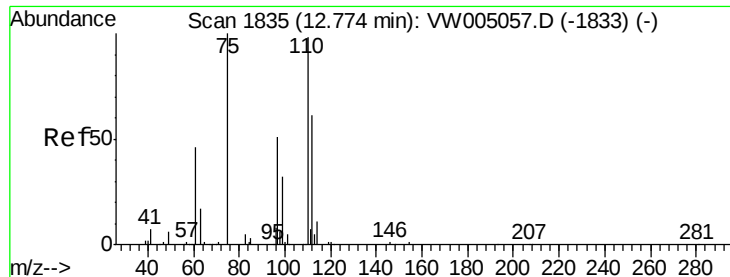
Tgt Ion:117 Resp: 702168
Ion Ratio Lower Upper
117 100
82 53.4 40.9 61.3
119 31.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005108.D
Acq: 05 Sep 2018 05:08

Tgt Ion:152 Resp: 240630
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 157.2 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 42.040 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

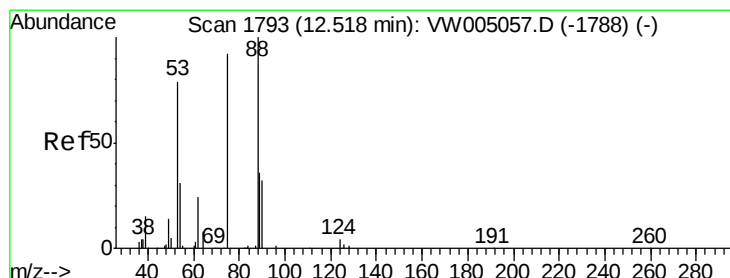
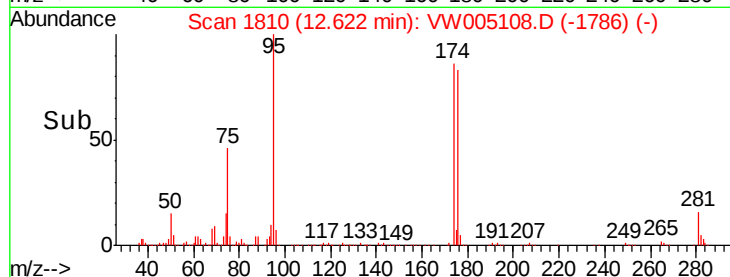
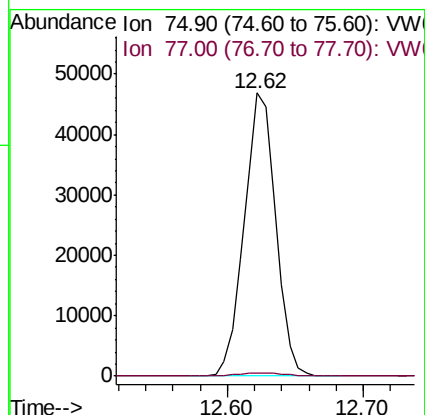
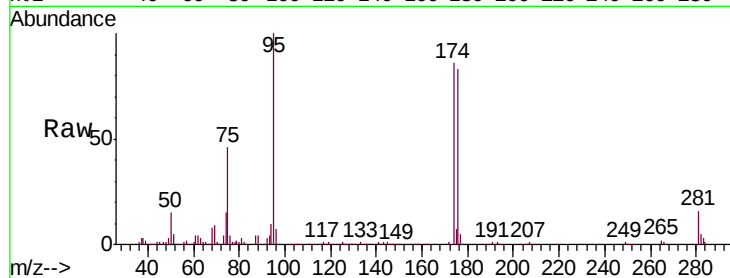
FL-DRUM-3-STONE

Tgt Ion: 75 Resp: 75934

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.186 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

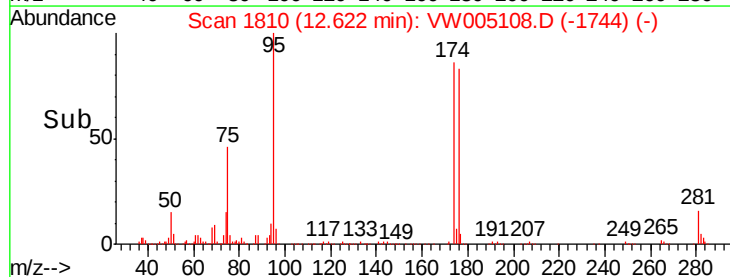
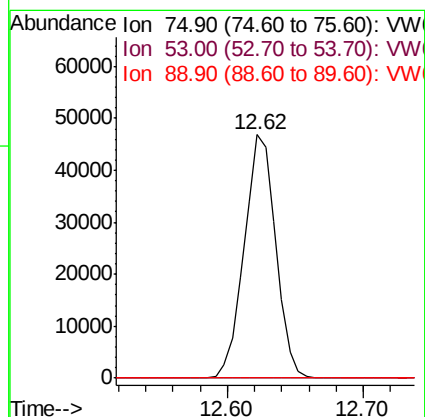
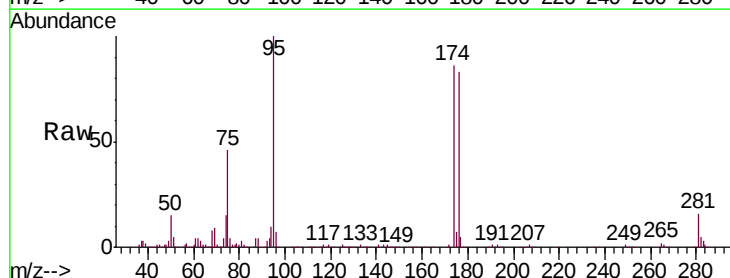
Tgt Ion: 75 Resp: 75934

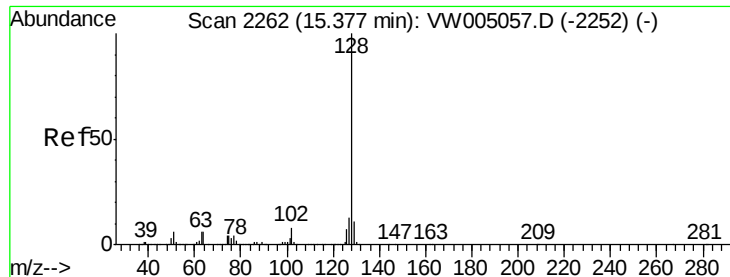
Ion Ratio Lower Upper

75 100

53 0.3 69.8 104.8#

89 0.0 36.0 54.0#





#95

Naphthalene

Concen: 4.640 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

FL-DRUM-3-STONE

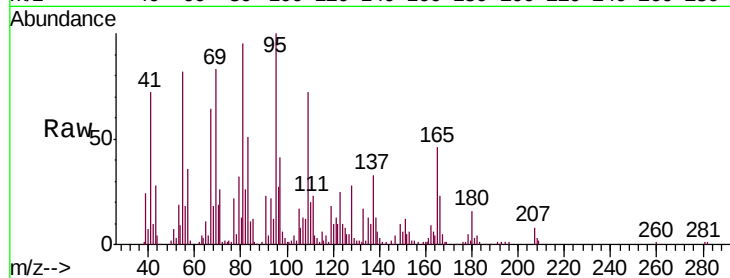
Tgt Ion:128 Resp: 6223

Ion Ratio Lower Upper

128 100

127 15.7 10.4 15.6#

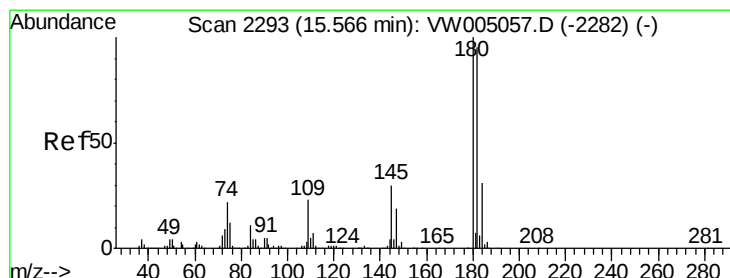
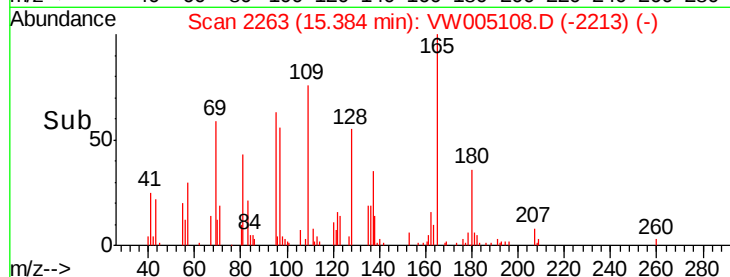
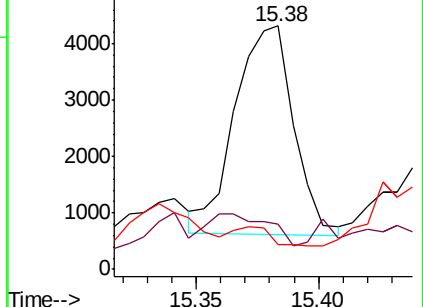
129 6.0 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 1.876 ug/l

RT: 15.58 min Scan# 2296

Delta R.T. 0.02 min

Lab File: VW005108.D

Acq: 05 Sep 2018 05:08

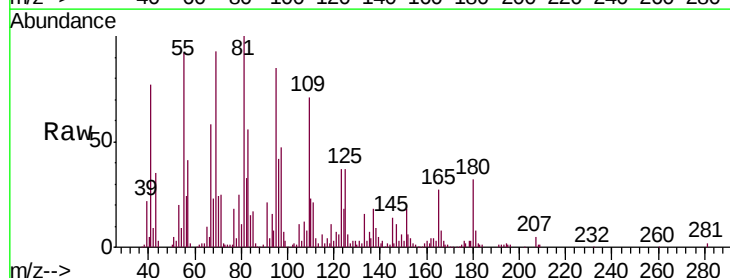
Tgt Ion:180 Resp: 8056

Ion Ratio Lower Upper

180 100

182 12.2 47.4 142.3#

145 0.0 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

