

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
 Data File : VW005303.D
 Acq On : 12 Sep 2018 05:05
 Operator : SY/AP
 Sample : J4829-01
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-STONES-PADS

Quant Time: Sep 12 06:47:25 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	7.96	168	452869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	750710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	735887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	346894	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	189774	56.18	ug/l	0.00
Spiked Amount			Recovery	=	112.36%	
35) Dibromofluoromethane	7.89	113	169149	43.01	ug/l	0.00
Spiked Amount			Recovery	=	86.02%	
50) Toluene-d8	10.33	98	735290	37.00	ug/l	0.00
Spiked Amount			Recovery	=	74.00%	
62) 4-Bromofluorobenzene	12.63	95	263462	36.25	ug/l	0.00
Spiked Amount			Recovery	=	72.50%	

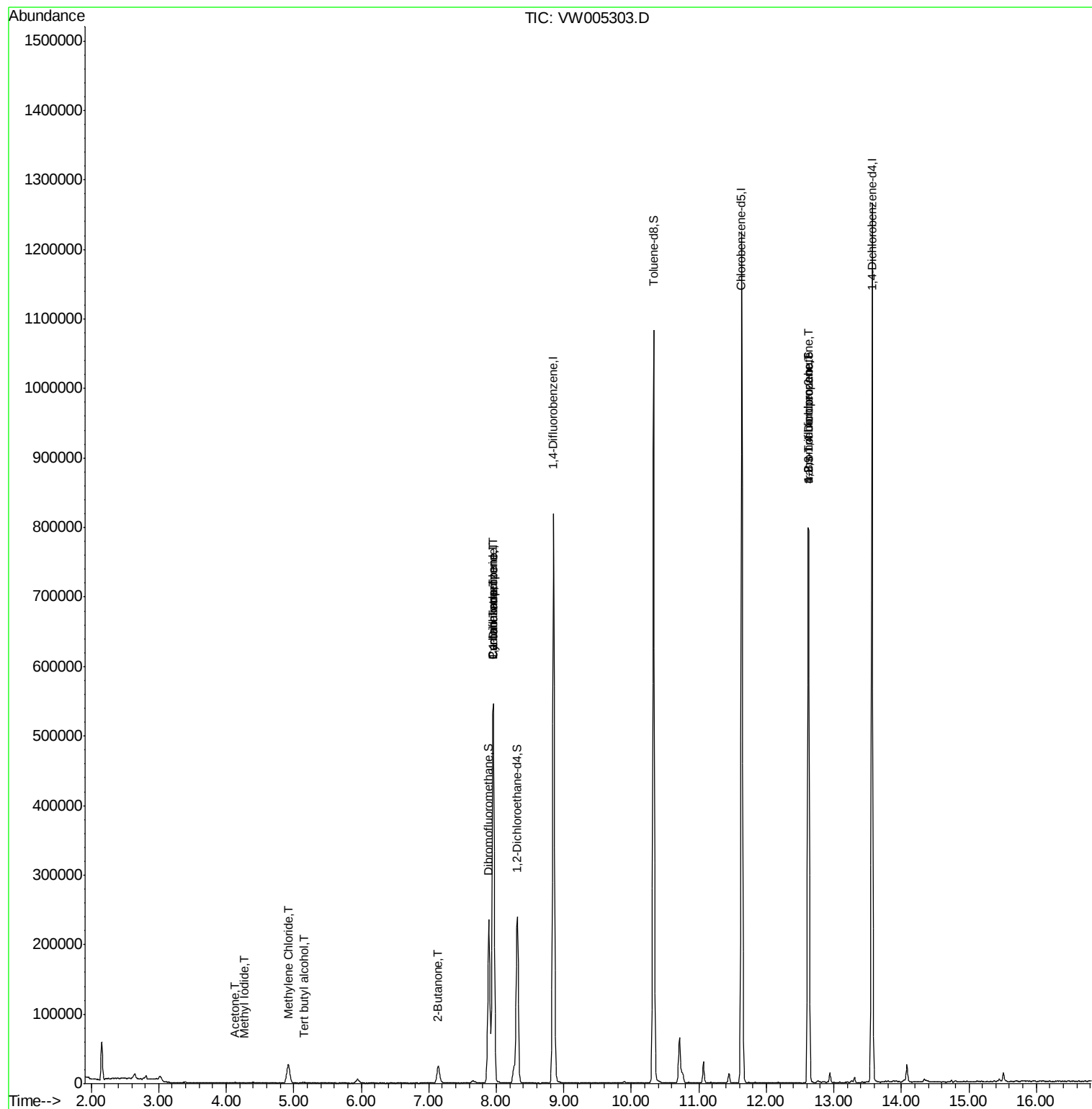
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	824	Below Cal		92
10) Methyl Iodide	4.26	142	114	3.349	ug/l #	72
11) Tert butyl alcohol	5.16	59	837	3.022	ug/l #	73
16) Acetone	4.12	43	1932	3.081	ug/l #	72
20) Methylene Chloride	4.92	84	23120	1.787	ug/l	94
25) 2-Butanone	7.13	43	1350	1.365	ug/l #	43
31) Cyclohexane	7.95	56	7445	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	29577	4.300	ug/l #	49
38) Carbon Tetrachloride	7.96	117	39992	6.207	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	121360	45.485	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	121360	106.672	ug/l #	16

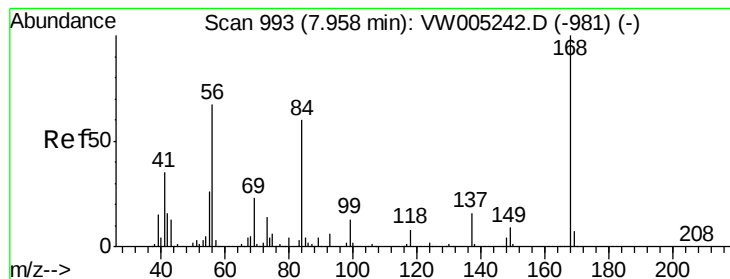
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091118\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

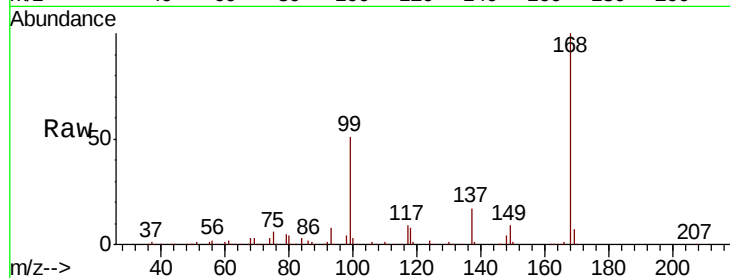
OILY-STONES-PADS

Tgt Ion:168 Resp: 452869

Ion Ratio Lower Upper

168 100

99 50.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

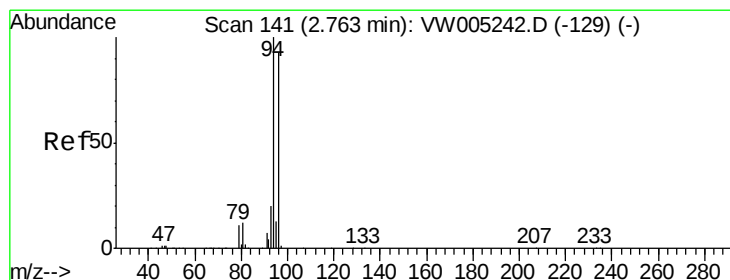
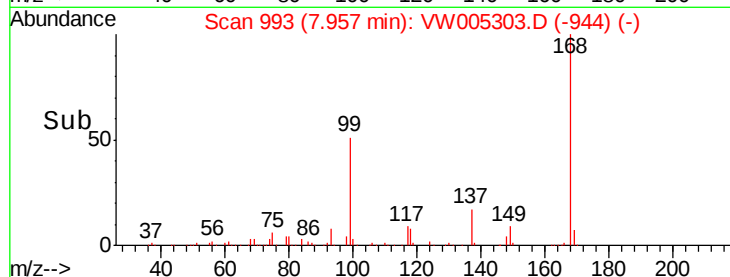
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW005303.D

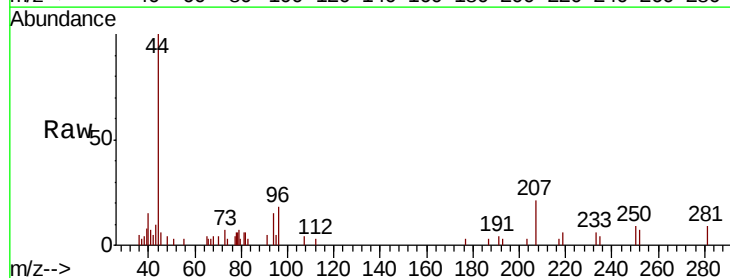
Acq: 12 Sep 2018 05:05

Tgt Ion: 94 Resp: 824

Ion Ratio Lower Upper

94 100

96 84.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

400

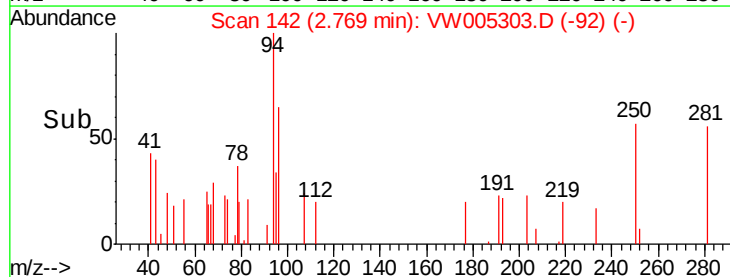
300

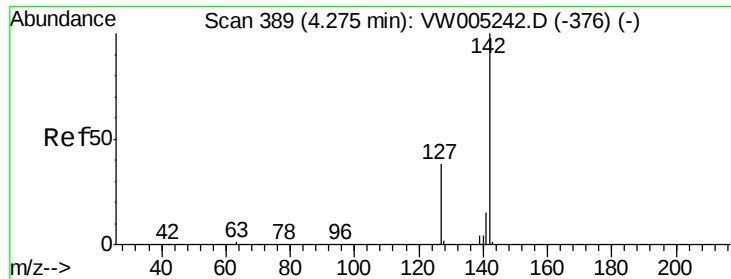
200

100

0

Time--> 2.70 2.75 2.80 2.85

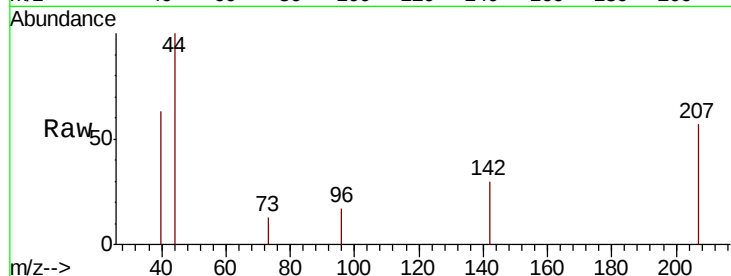




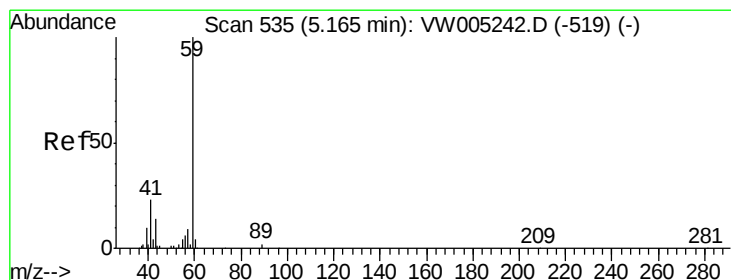
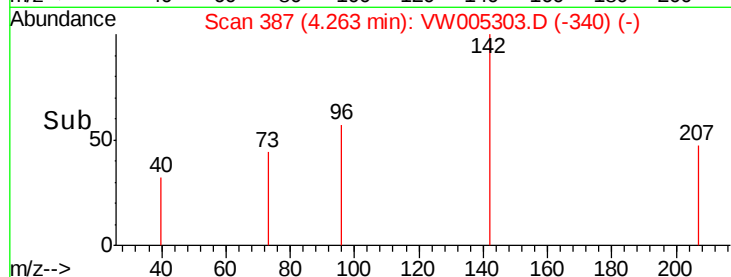
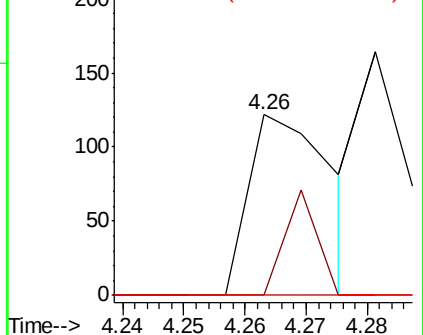
#10
Methyl Iodide
Concen: 3.349 ug/l
RT: 4.26 min Scan# 387
Delta R.T. -0.01 min
Lab File: VW005303.D
Acq: 12 Sep 2018 05:05

Instrument :
MSVOA_W
ClientSampleId :
OILY-STONES-PADS

Tgt Ion: 142 Resp: 114
Ion Ratio Lower Upper
142 100
127 22.8 30.3 45.5#
141 0.0 11.4 17.0#

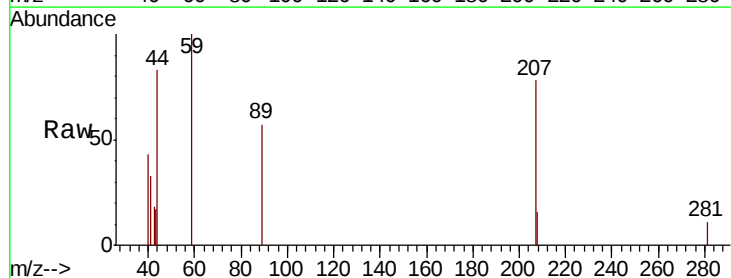


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

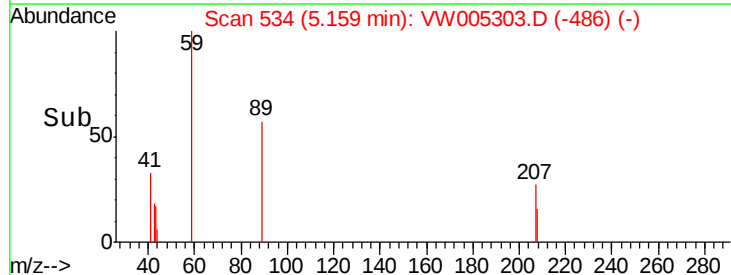
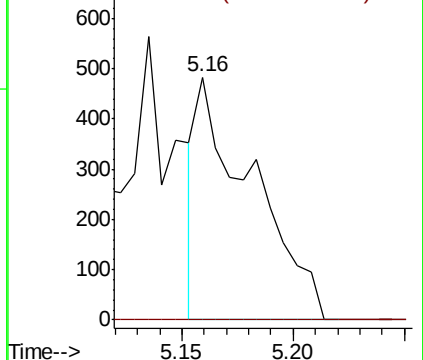


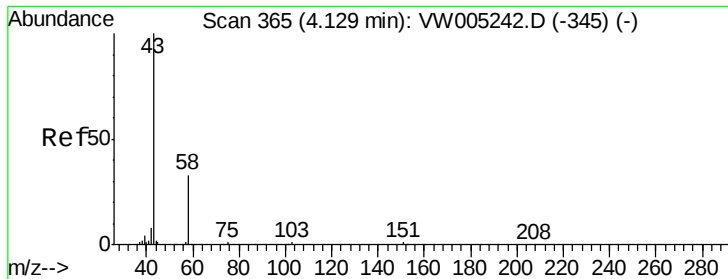
#11
Tert butyl alcohol
Concen: 3.022 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005303.D
Acq: 12 Sep 2018 05:05

Tgt Ion: 59 Resp: 837
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



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





#16

Acetone

Concen: 3.081 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

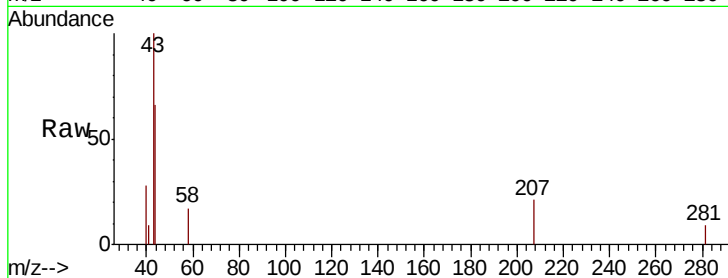
OILY-STONES-PADS

Tgt Ion: 43 Resp: 1932

Ion Ratio Lower Upper

43 100

58 17.3 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

600

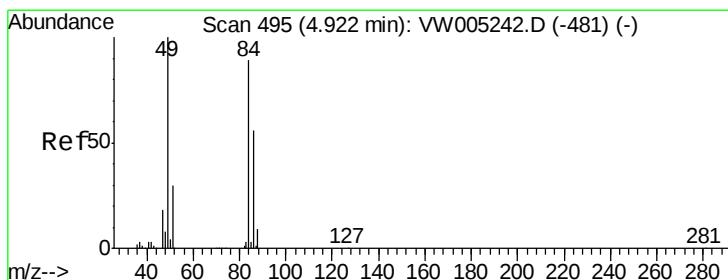
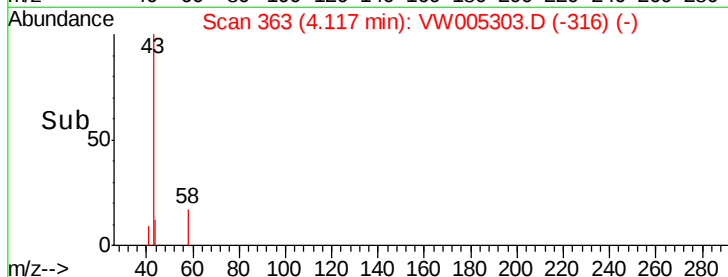
400

200

0

4.05 4.10 4.15 4.20

Time-->



#20

Methylene Chloride

Concen: 1.787 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

Tgt Ion: 84 Resp: 23120

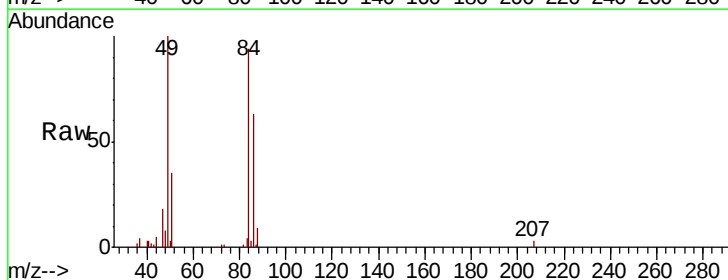
Ion Ratio Lower Upper

84 100

49 106.8 90.3 135.5

51 36.9 26.9 40.3

86 67.4 50.8 76.2



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

12000

10000

8000

6000

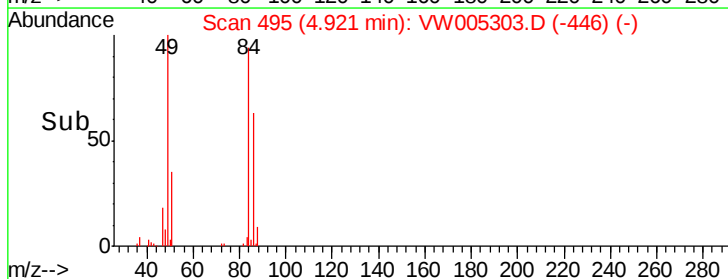
4000

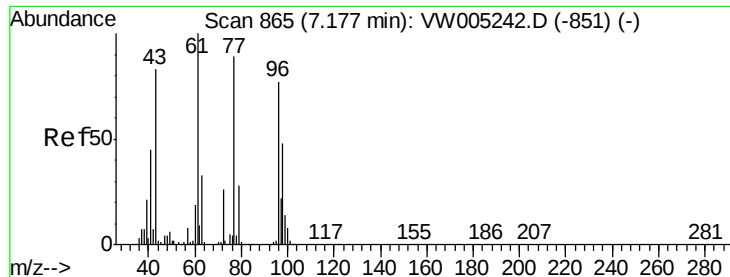
2000

0

4.80 4.90 5.00

Time-->





#25

2-Butanone

Concen: 1.365 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

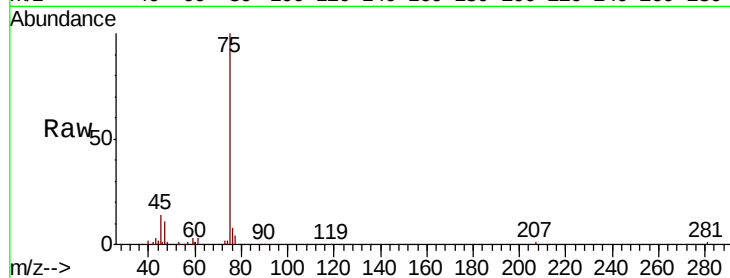
OILY-STONES-PADS

Tgt Ion: 43 Resp: 1350

Ion Ratio Lower Upper

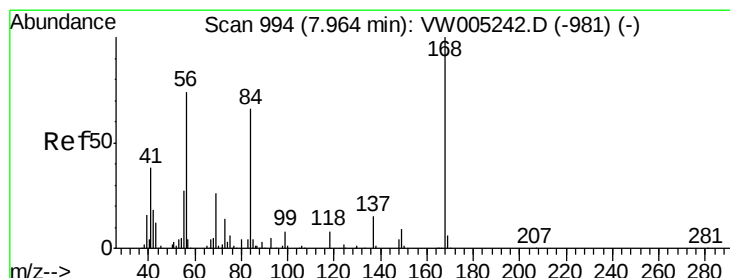
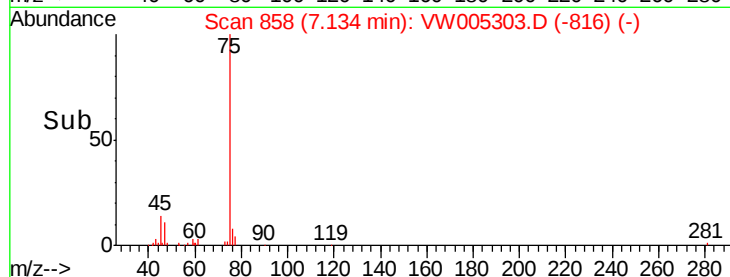
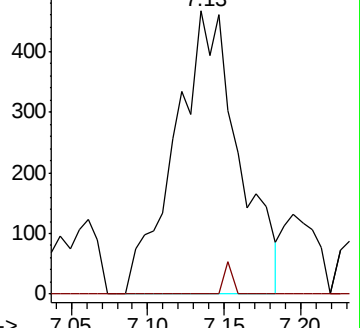
43 100

72 0.0 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.030 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

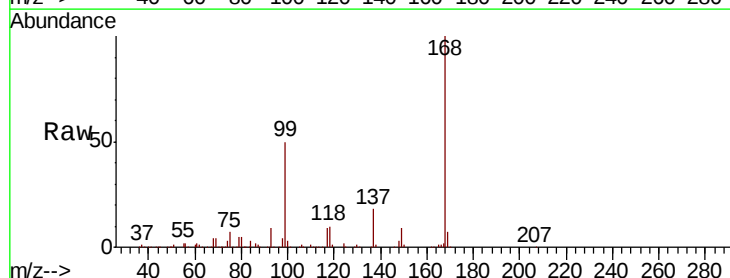
Tgt Ion: 56 Resp: 7445

Ion Ratio Lower Upper

56 100

69 212.0 27.8 41.8#

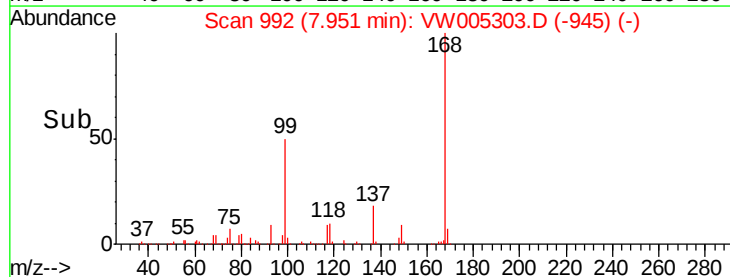
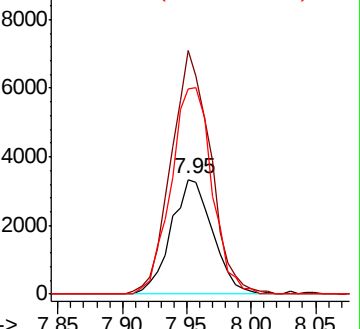
84 178.2 72.1 108.1#

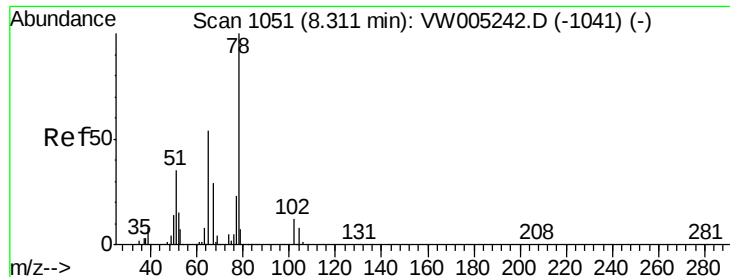


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

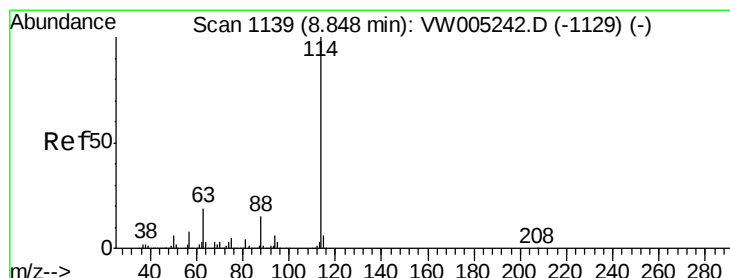
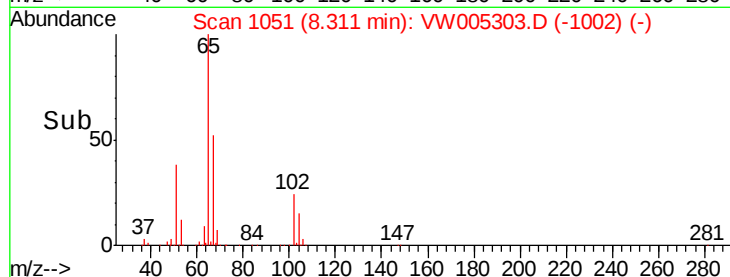
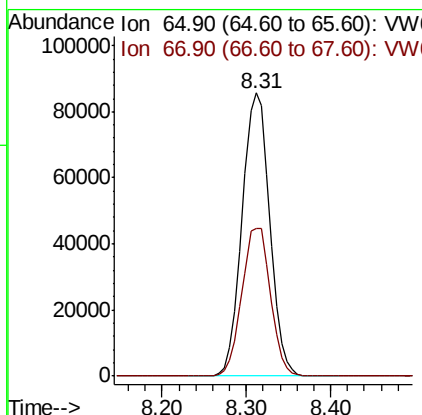
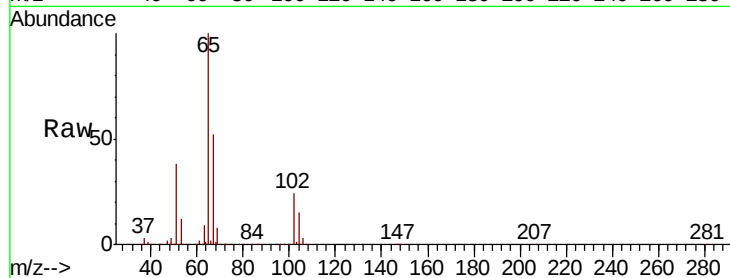




#33
 1,2-Dichloroethane-d4
 Concen: 56.183 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005303.D
 Acq: 12 Sep 2018 05:05

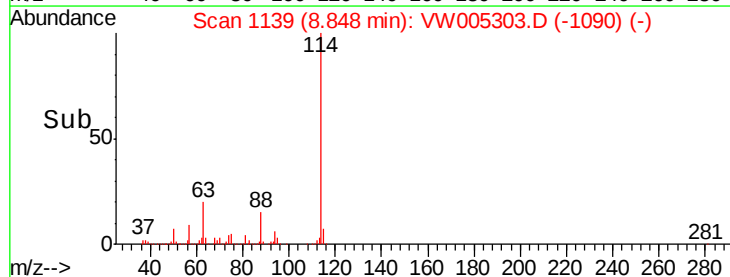
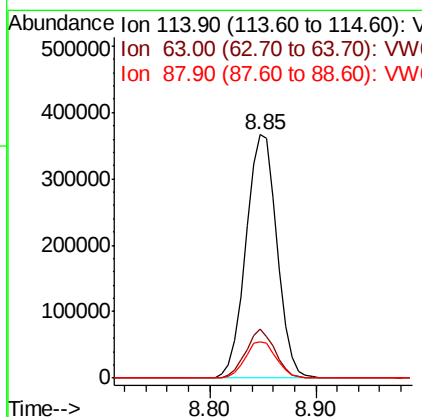
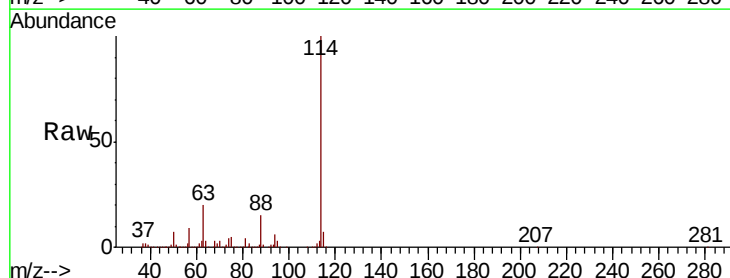
Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-STONES-PADS

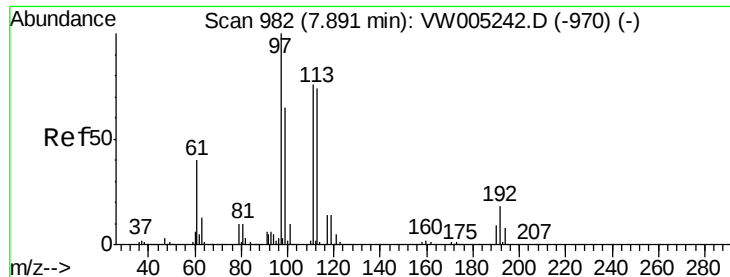
Tgt Ion: 65 Resp: 189774
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005303.D
 Acq: 12 Sep 2018 05:05

Tgt Ion: 114 Resp: 750710
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.0
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.013 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

OILY-STONES-PADS

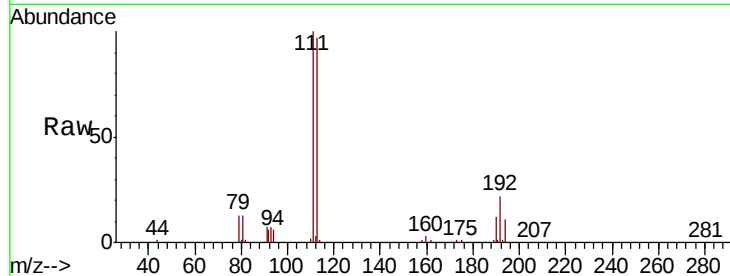
Tgt Ion:113 Resp: 169149

Ion Ratio Lower Upper

113 100

111 102.8 80.6 121.0

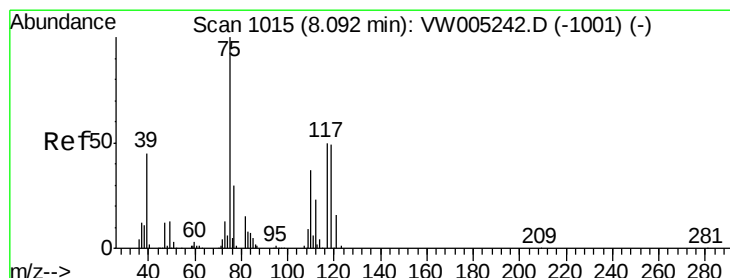
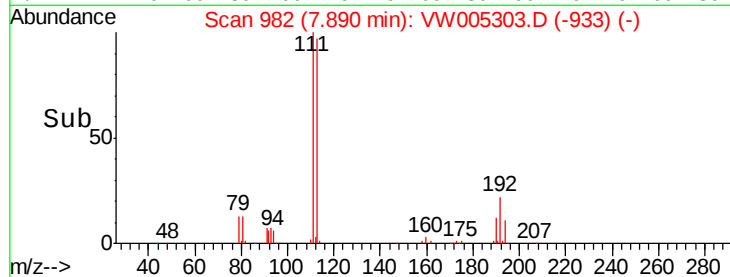
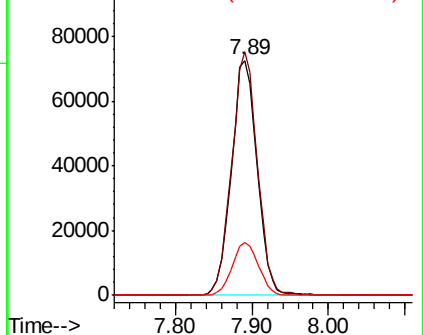
192 22.7 18.3 27.5



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: 4.300 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.14 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

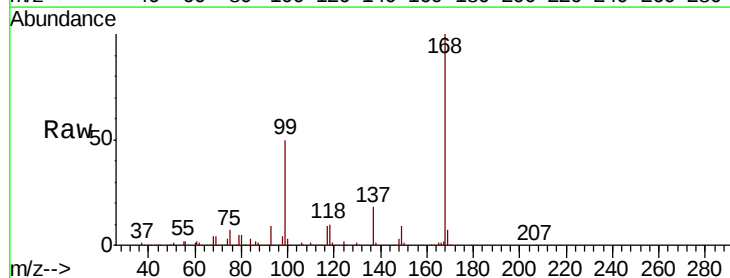
Tgt Ion: 75 Resp: 29577

Ion Ratio Lower Upper

75 100

110 9.4 18.8 56.4#

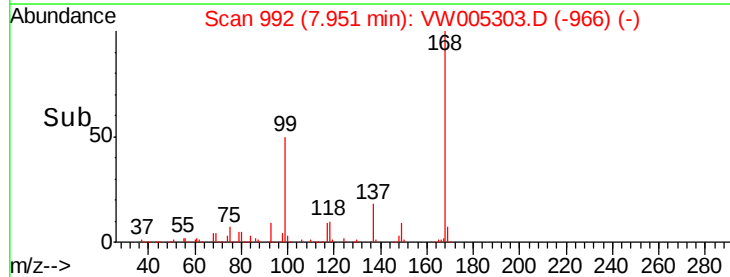
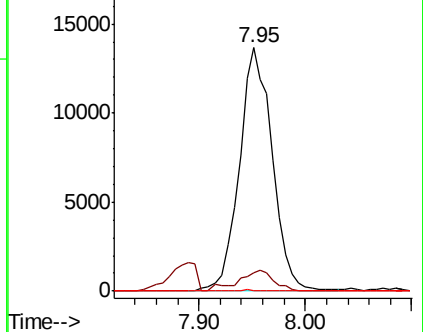
77 0.1 24.9 37.3#

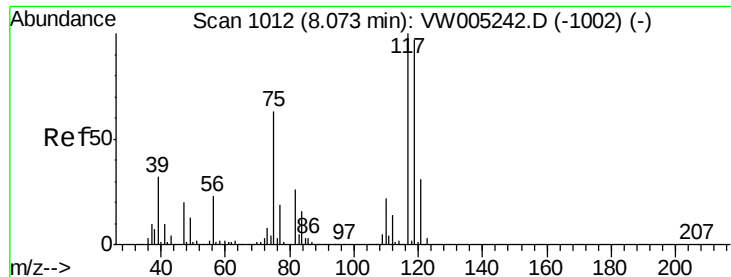


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

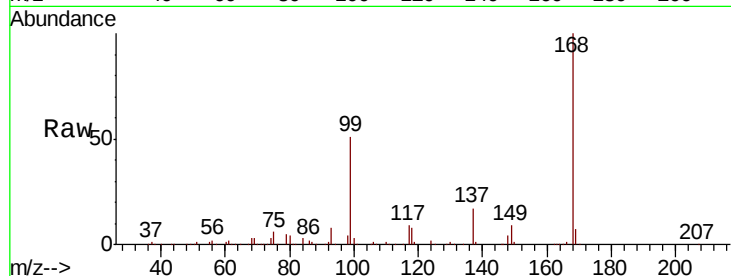




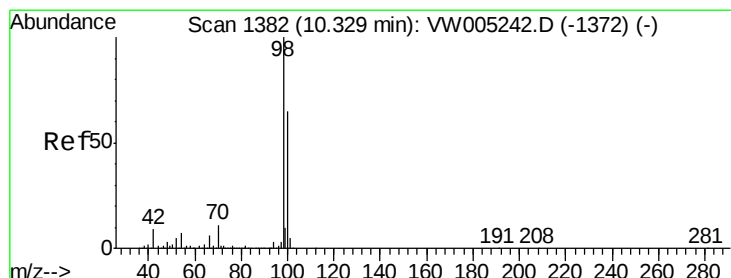
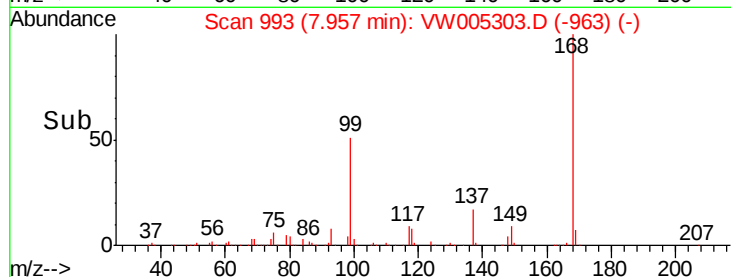
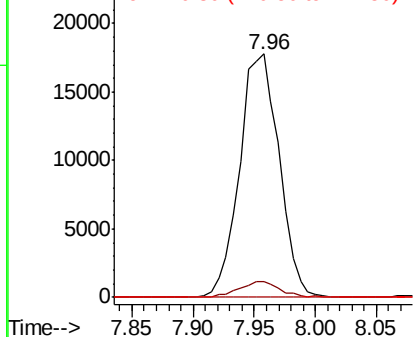
#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005303.D
Acq: 12 Sep 2018 05:05

Instrument :
MSVOA_W
ClientSampleId :
OILY-STONES-PADS

Tgt Ion:117 Resp: 39992
Ion Ratio Lower Upper
117 100
119 6.5 77.5 116.3#
121 0.0 24.7 37.1#

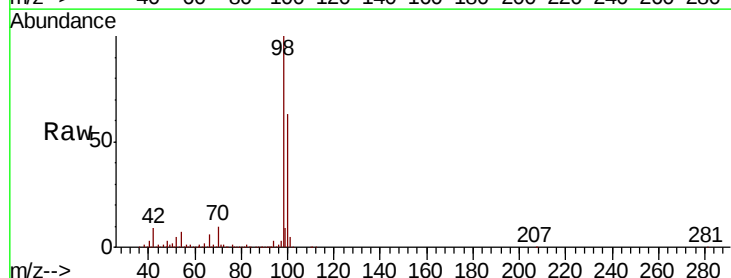


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

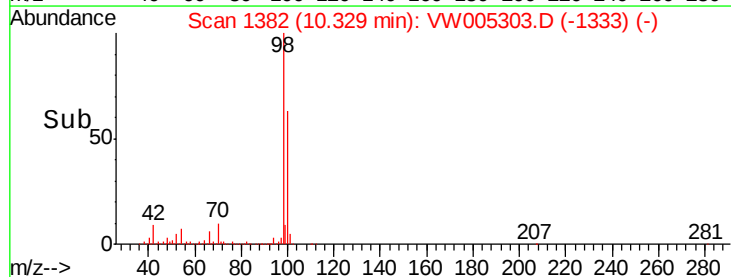
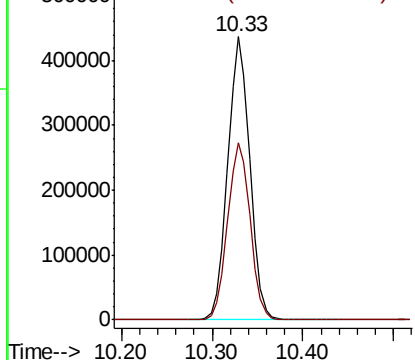


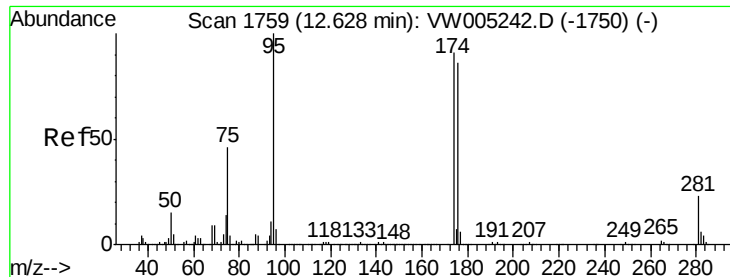
#50
Toluene-d8
Concen: 37.002 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005303.D
Acq: 12 Sep 2018 05:05

Tgt Ion: 98 Resp: 735290
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



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

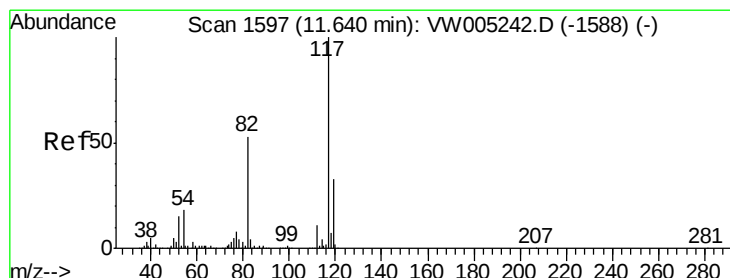
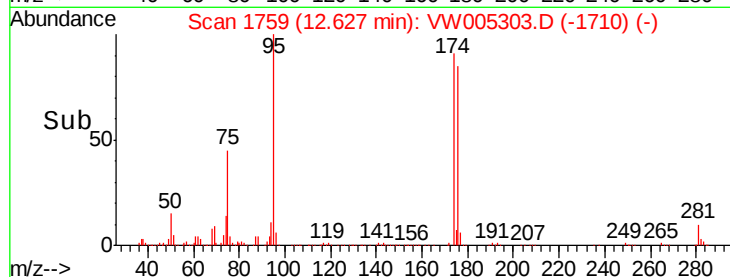
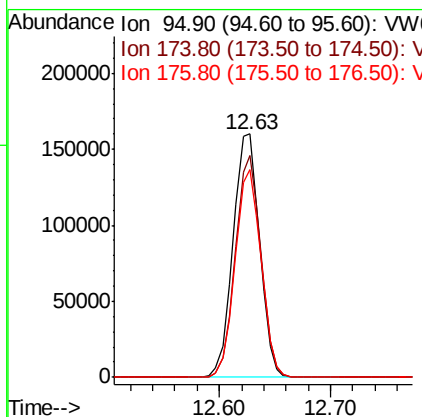
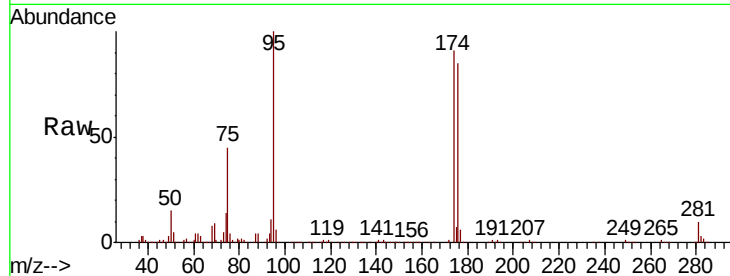




#62
4-Bromofluorobenzene
Concen: 36.247 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VW005303.D
Acq: 12 Sep 2018 05:05

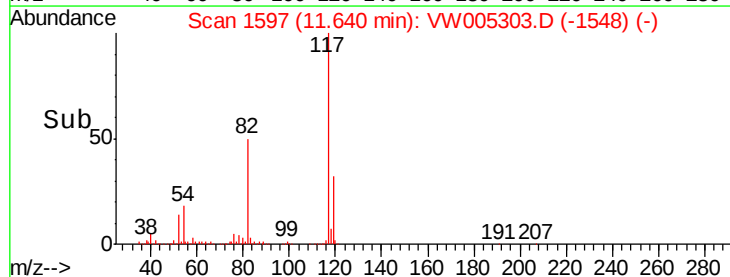
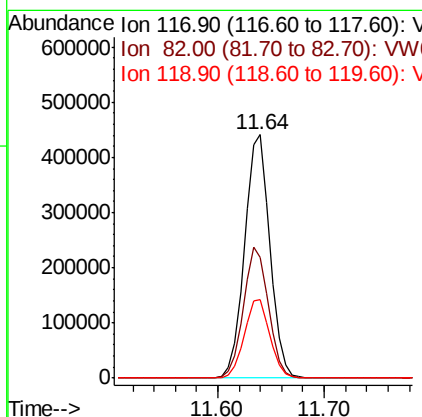
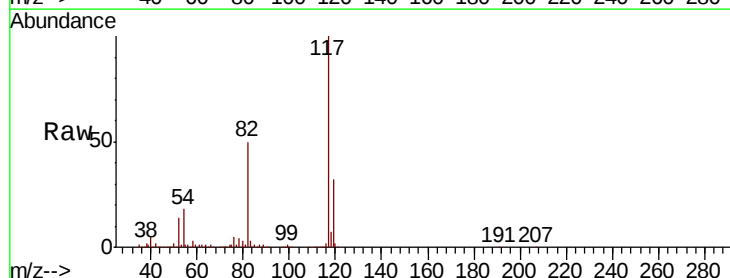
Instrument :
MSVOA_W
ClientSampleId :
OILY-STONES-PADS

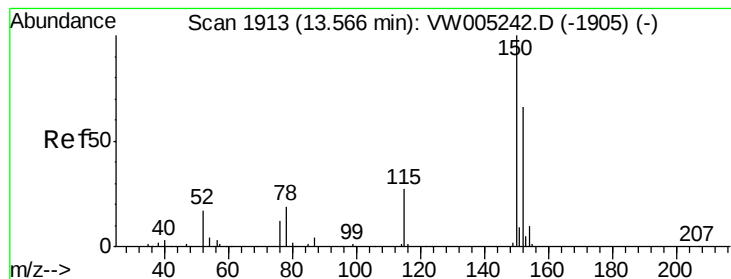
Tgt Ion: 95 Resp: 263462
Ion Ratio Lower Upper
95 100
174 88.0 0.0 174.6
176 83.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005303.D
Acq: 12 Sep 2018 05:05

Tgt Ion: 117 Resp: 735887
Ion Ratio Lower Upper
117 100
82 49.6 42.6 63.8
119 32.4 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: VW005303.D

Acq: 12 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

OILY-STONES-PADS

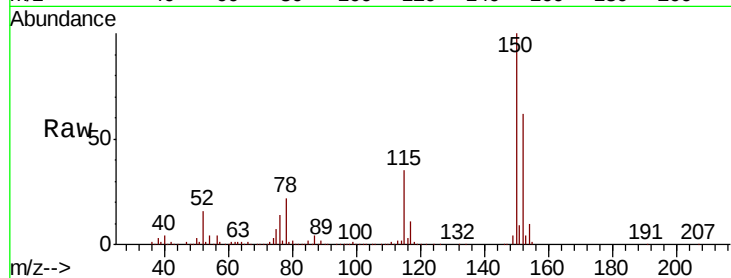
Tgt Ion:152 Resp: 346894

Ion Ratio Lower Upper

152 100

115 55.6 27.5 82.4

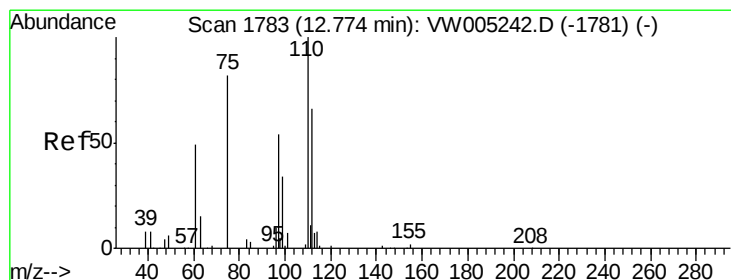
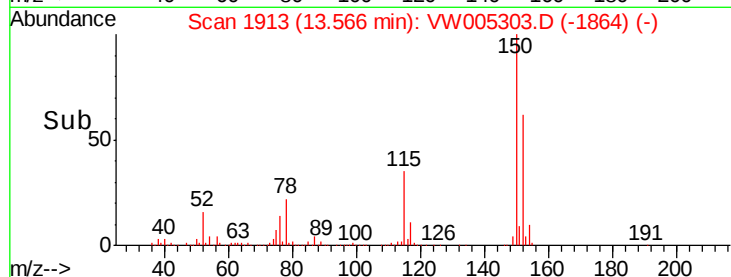
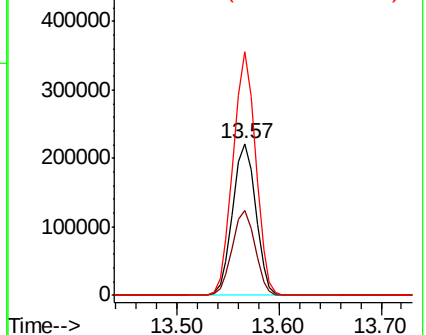
150 156.6 0.0 347.4



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: 45.485 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005303.D

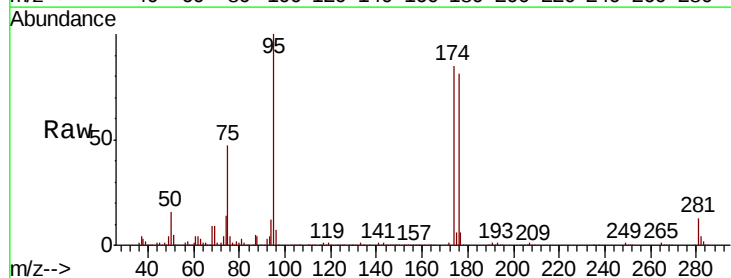
Acq: 12 Sep 2018 05:05

Tgt Ion: 75 Resp: 121360

Ion Ratio Lower Upper

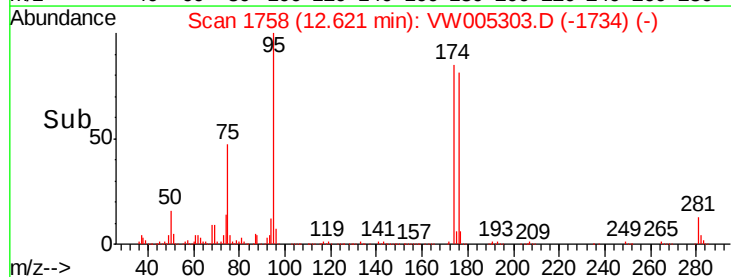
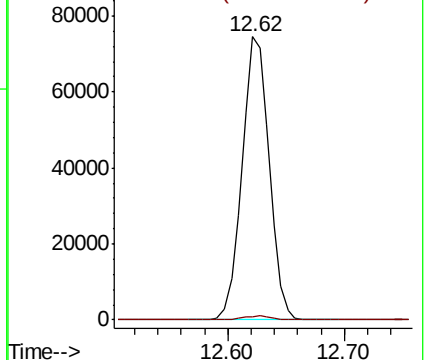
75 100

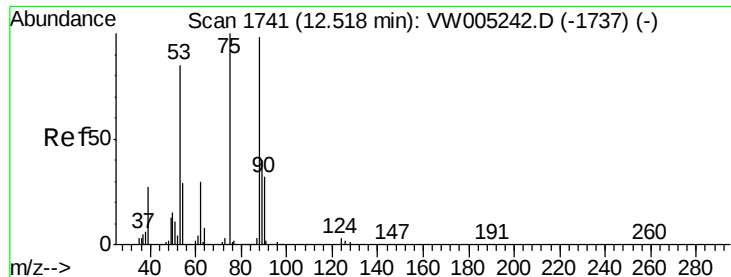
77 1.4 0.0 0.0#



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: 106.672 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005303.D

Acq: 12 Sep 2018 05:05

Instrument :

MSVOA_W

ClientSampleId :

OILY-STONES-PADS

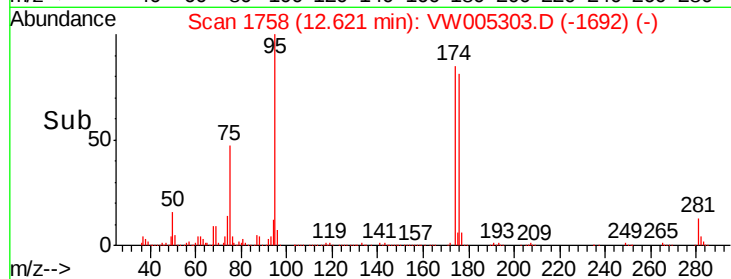
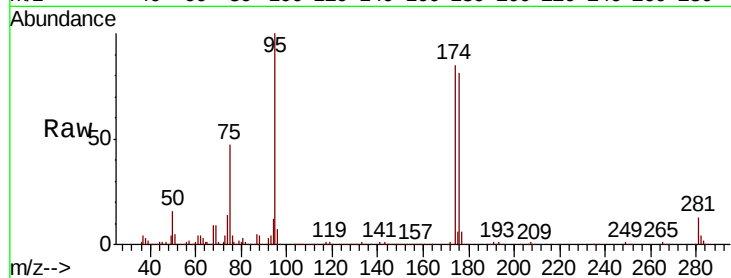
Tgt Ion: 75 Resp: 121360

Ion Ratio Lower Upper

75 100

53 0.1 67.0 100.6#

89 0.1 37.0 55.4#



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

