

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003270.D
 Acq On : 14 Jun 2018 22:41
 Operator : VA/AP
 Sample : J3480-01
 Misc : 5.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-STONES

Quant Time: Jun 15 06:48:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	269995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	246380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	108660	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	84509	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
35) Dibromofluoromethane	7.88	113	73768	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	
50) Toluene-d8	10.33	98	236263	35.52	ug/l	0.00
Spiked Amount			Recovery	=	71.04%	
62) 4-Bromofluorobenzene	12.63	95	81190	34.49	ug/l	0.00
Spiked Amount			Recovery	=	68.98%	

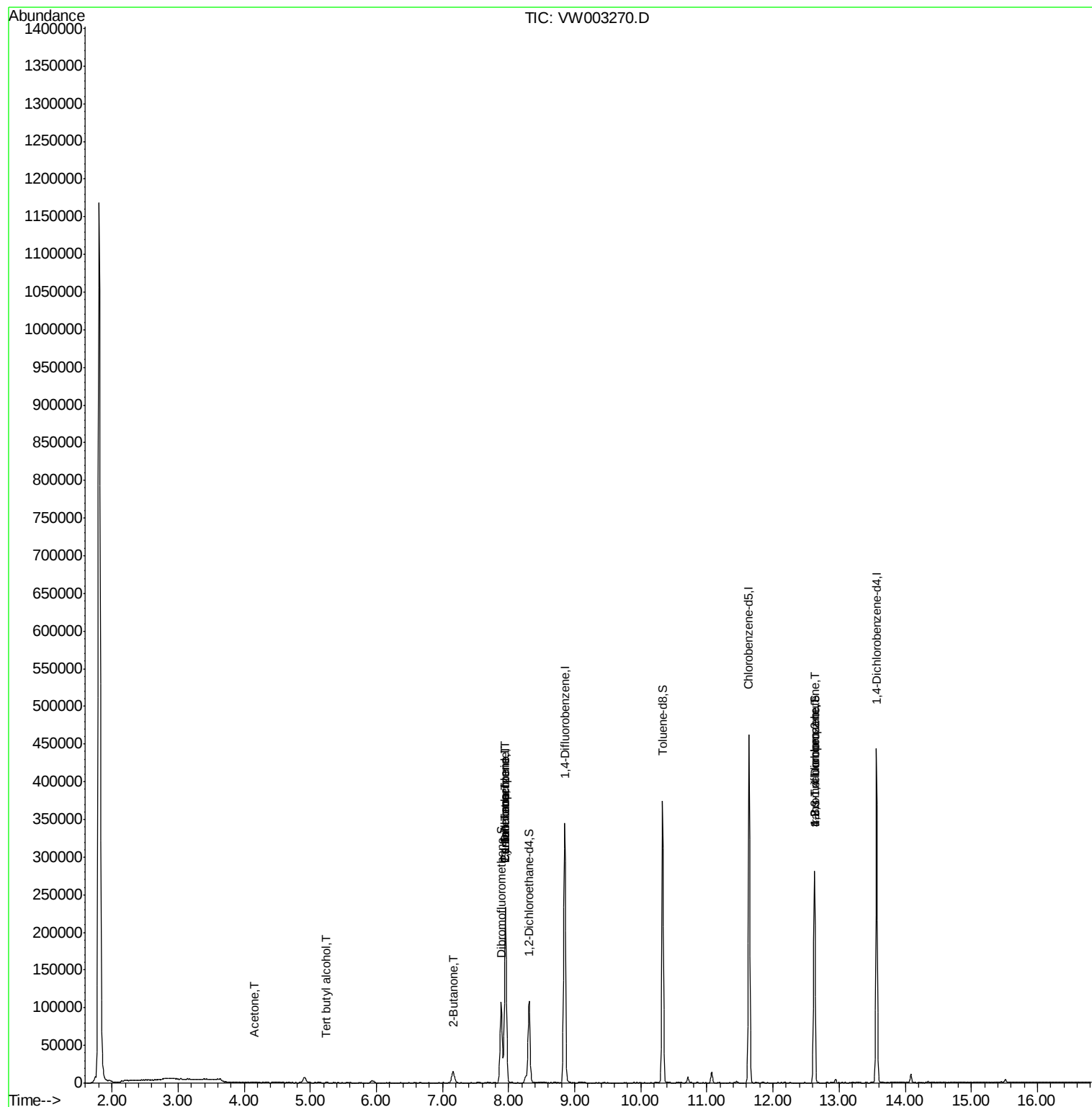
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	174	1.791	ug/l #	84
16) Acetone	4.15	43	2246	5.912	ug/l #	89
20) Methylene Chloride	4.90	84	5438	Below Cal	#	75
25) 2-Butanone	7.15	43	1237	2.619	ug/l #	50
31) Cyclohexane	7.95	56	4279	1.462	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	13864	5.317	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16311	6.377	ug/l #	16
76) 1,2,3-Trichloropropane	12.63	75	43853	47.209	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	43853	108.630	ug/l #	8

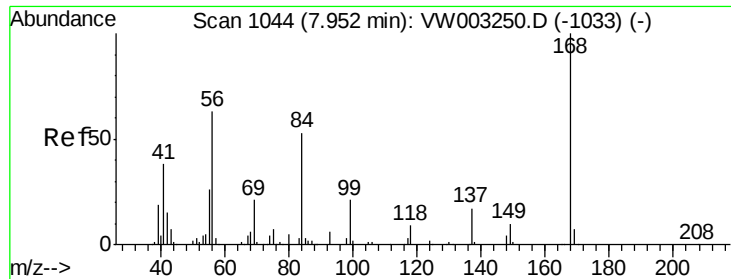
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003270.D

Acq: 14 Jun 2018 22:41

Instrument :

MSVOA_W

ClientSampleId :

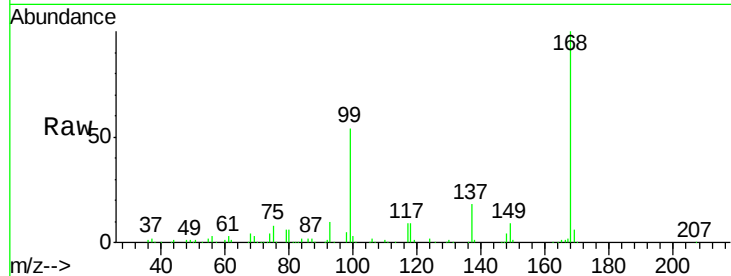
OILY-STONES

Tgt Ion:168 Resp: 167223

Ion Ratio Lower Upper

168 100

99 54.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

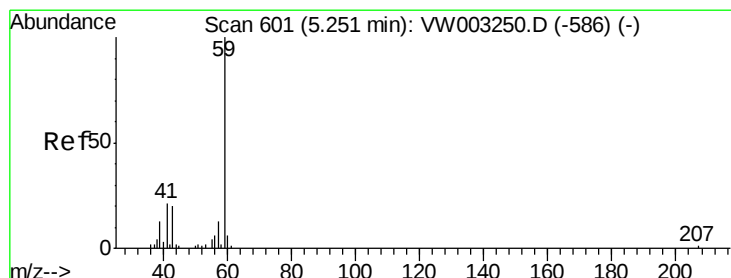
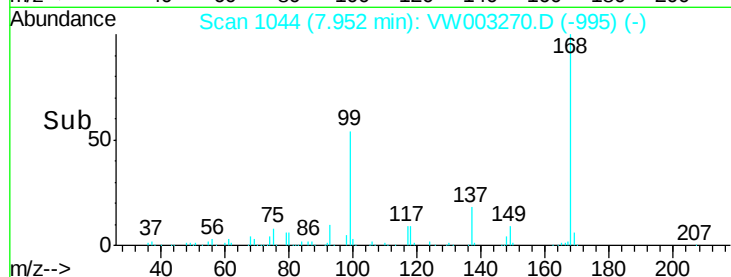
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.791 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003270.D

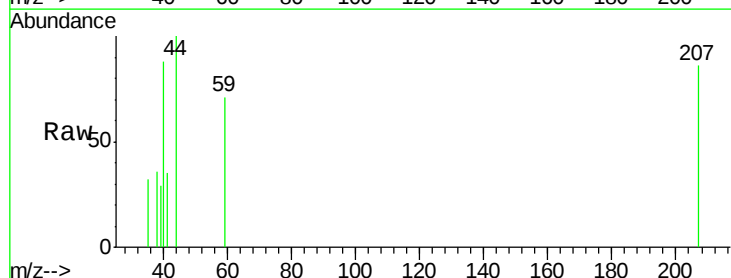
Acq: 14 Jun 2018 22:41

Tgt Ion: 59 Resp: 174

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

150

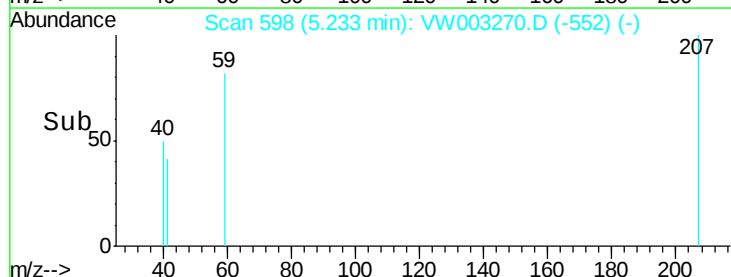
100

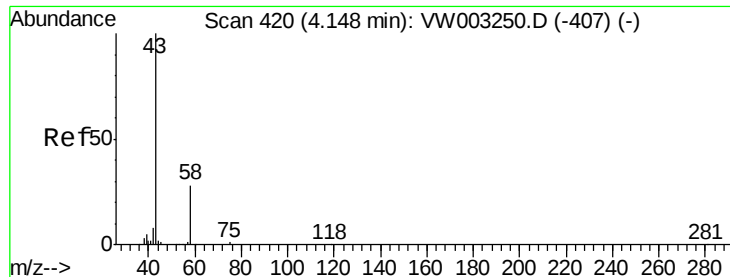
50

0

5.20 5.25

Time-->





#16

Acetone

Concen: 5.912 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003270.D

Acq: 14 Jun 2018 22:41

Instrument :

MSVOA_W

ClientSampleId :

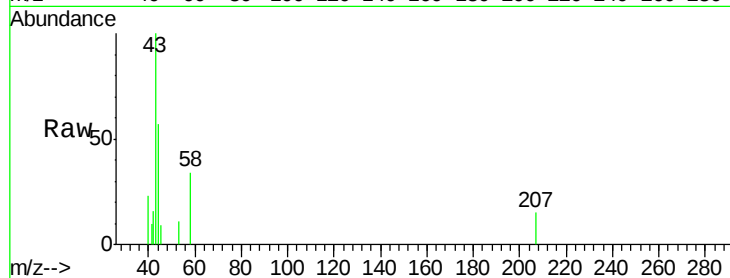
OILY-STONES

Tgt Ion: 43 Resp: 2246

Ion Ratio Lower Upper

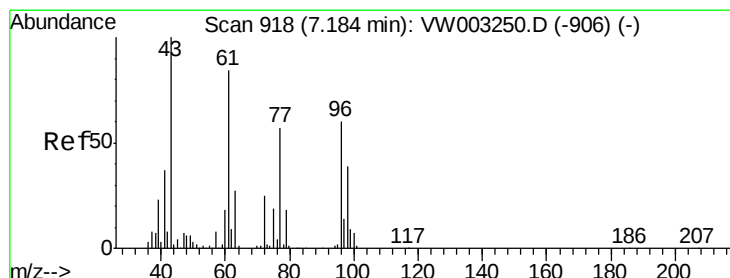
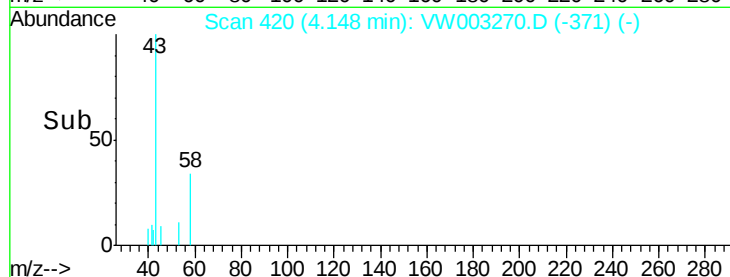
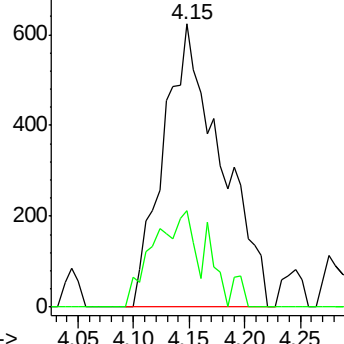
43 100

58 34.2 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 2.619 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW003270.D

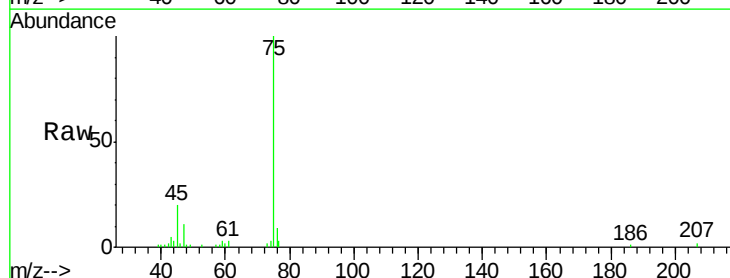
Acq: 14 Jun 2018 22:41

Tgt Ion: 43 Resp: 1237

Ion Ratio Lower Upper

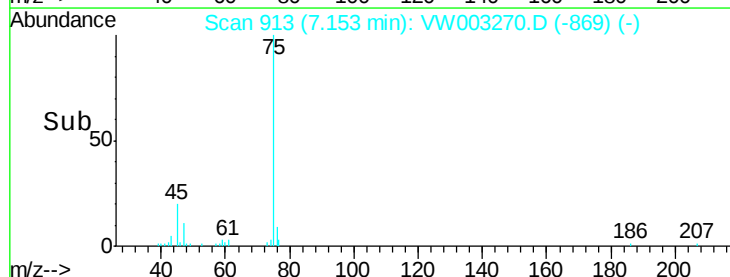
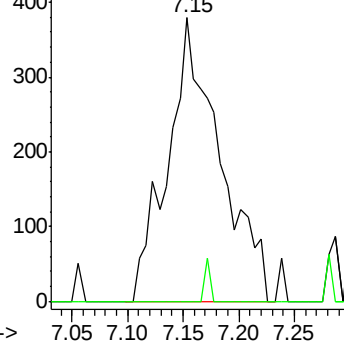
43 100

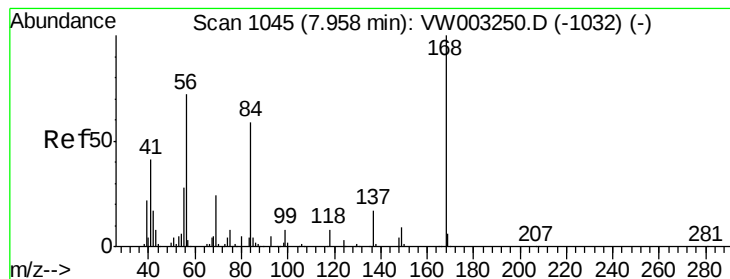
72 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.462 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003270.D

Acq: 14 Jun 2018 22:41

Instrument :

MSVOA_W

ClientSampleId :

OILY-STONES

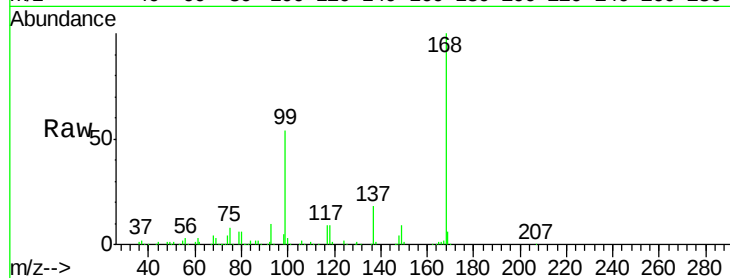
Tgt Ion: 56 Resp: 4279

Ion Ratio Lower Upper

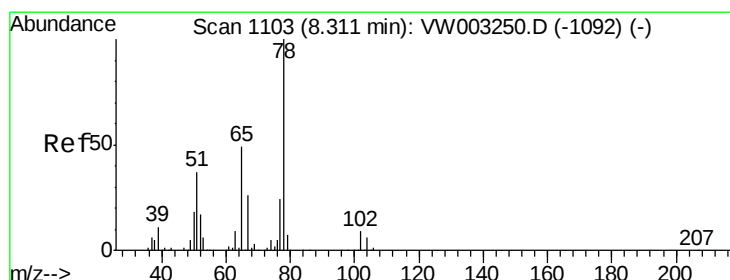
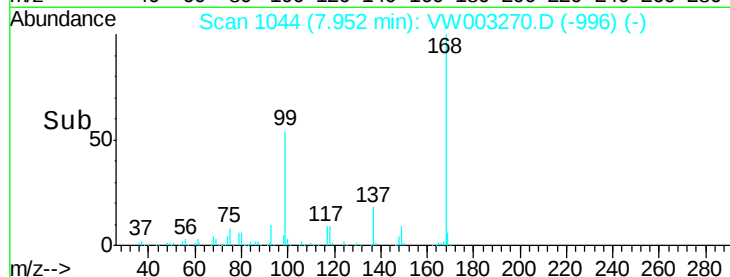
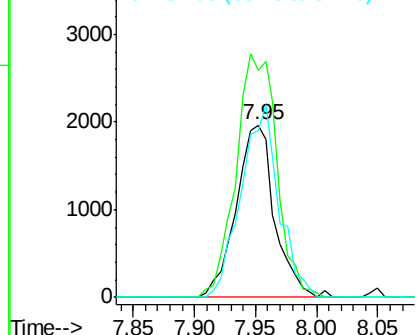
56 100

69 131.6 26.3 39.5#

84 96.7 65.7 98.5



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: 46.657 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003270.D

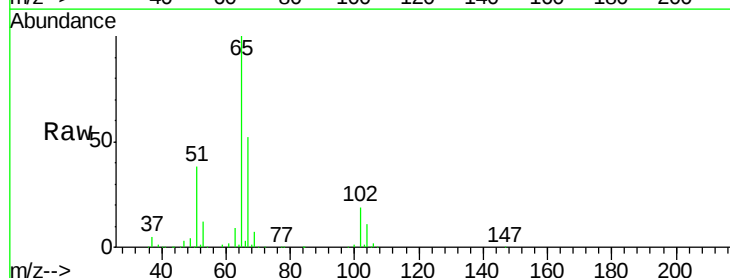
Acq: 14 Jun 2018 22:41

Tgt Ion: 65 Resp: 84509

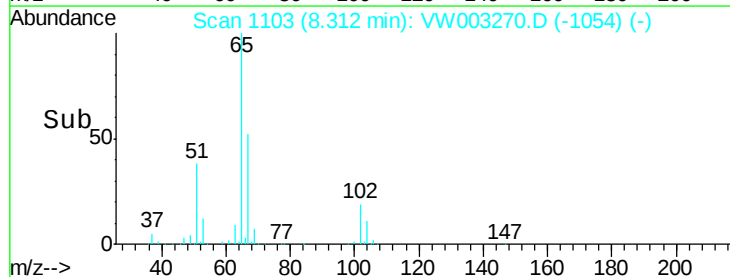
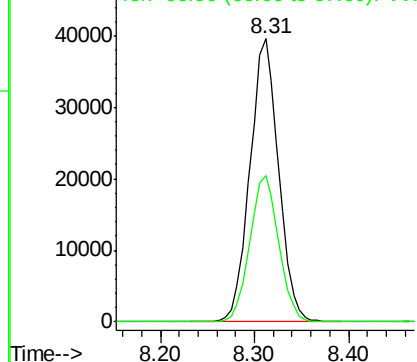
Ion Ratio Lower Upper

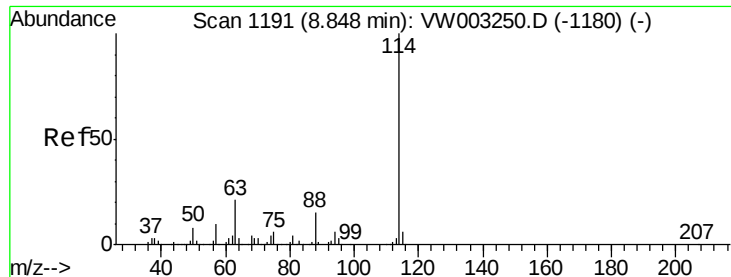
65 100

67 52.2 0.0 104.2



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

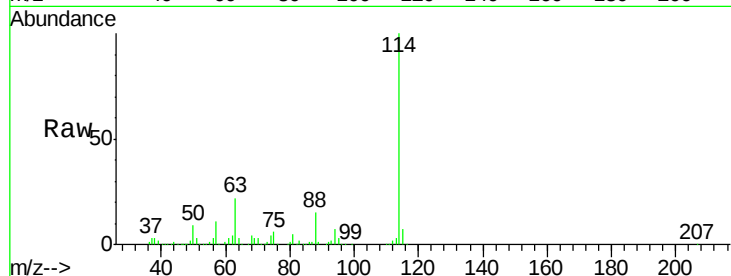




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003270.D
 Acq: 14 Jun 2018 22:41

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-STONES

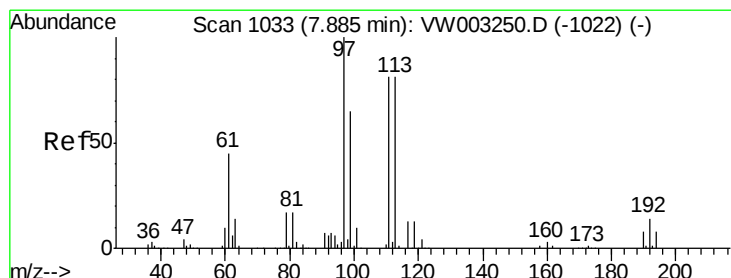
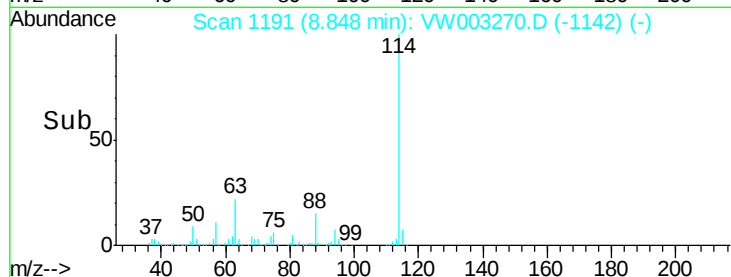
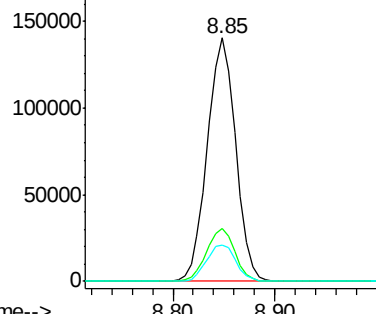
Tgt Ion	Ratio	Resp	Lower	Upper
114	100	269995		
63	21.7		0.0	43.0
88	15.1		0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

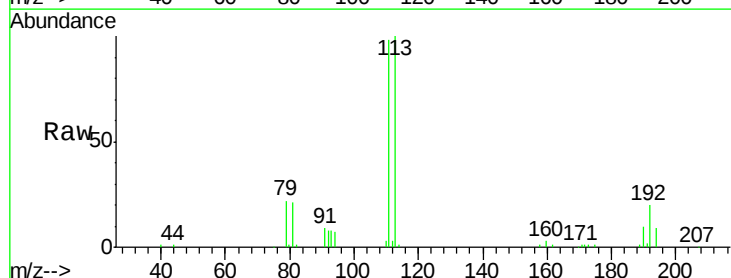
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 43.970 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003270.D
 Acq: 14 Jun 2018 22:41

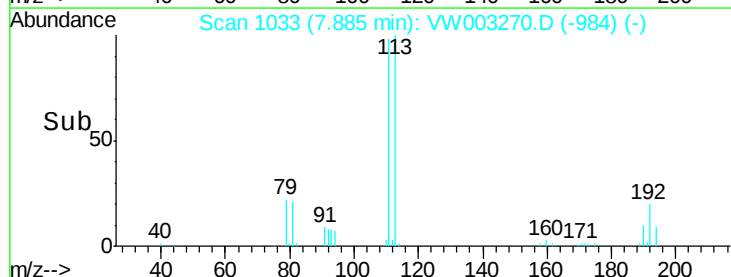
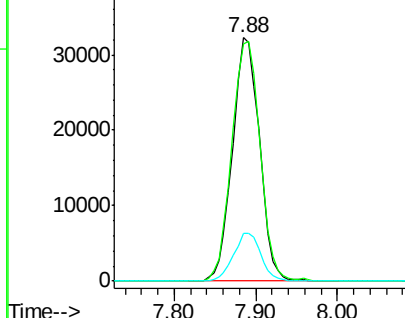
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	73768		
111	102.8		82.2	123.2
192	19.8		16.2	24.2

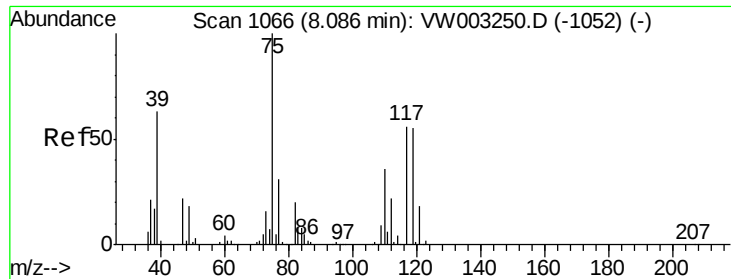


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

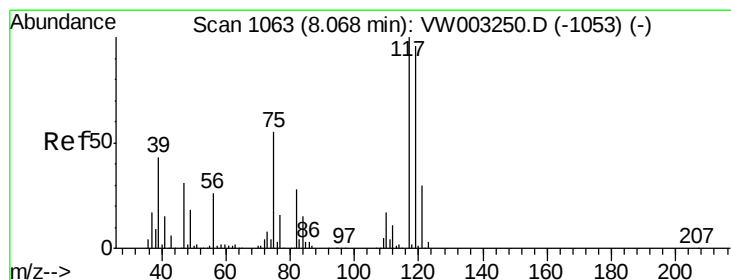
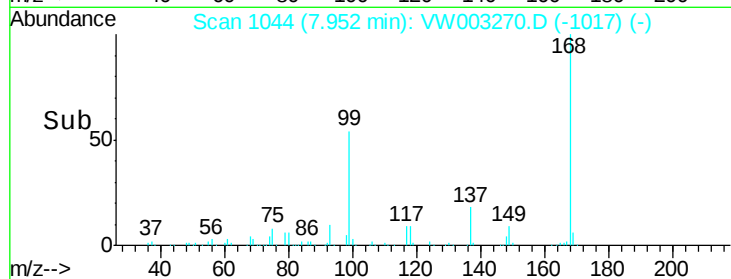
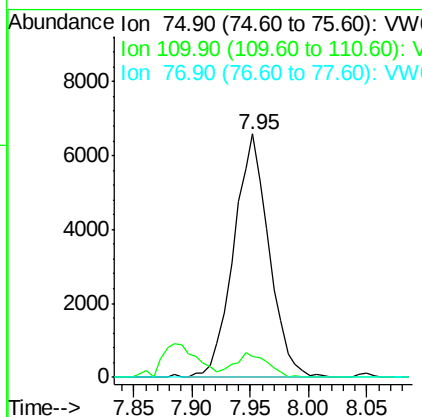
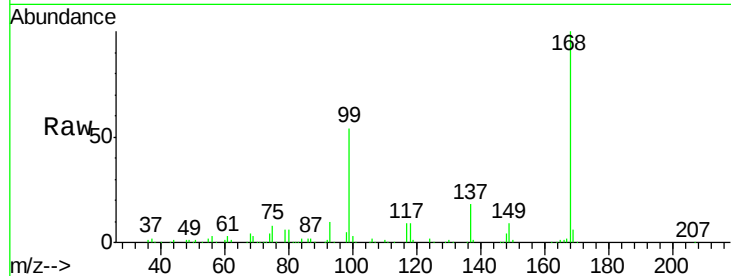




#36
 1,1-Dichloropropene
 Concen: 5.317 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003270.D
 Acq: 14 Jun 2018 22:41

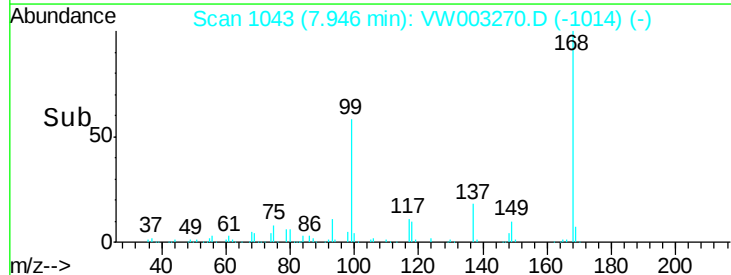
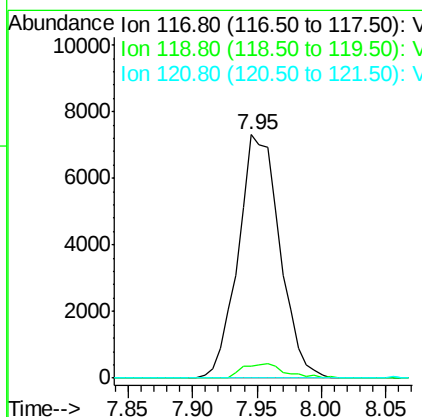
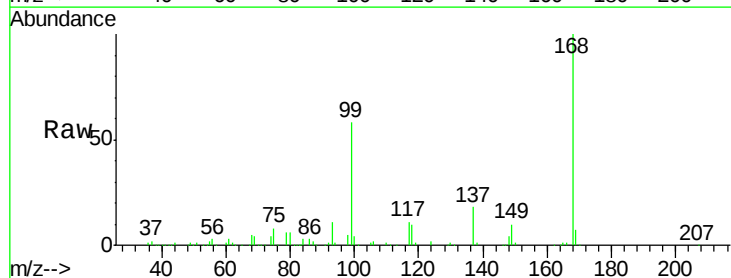
Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-STONES

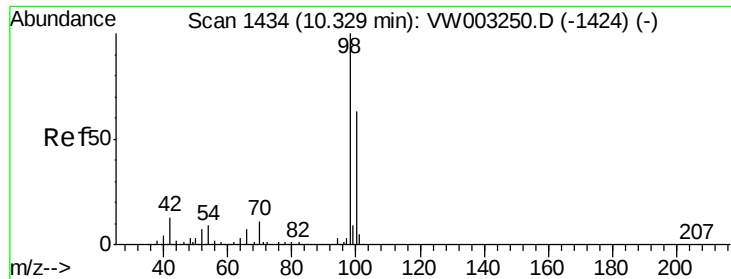
Tgt Ion: 75 Resp: 13864
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.377 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.12 min
 Lab File: VW003270.D
 Acq: 14 Jun 2018 22:41

Tgt Ion: 117 Resp: 16311
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 35.516 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003270.D

Acq: 14 Jun 2018 22:41

Instrument :

MSVOA_W

ClientSampleId :

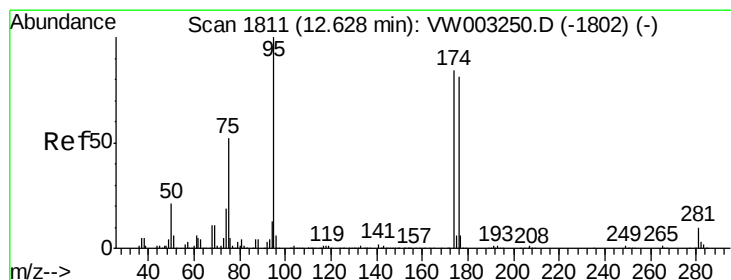
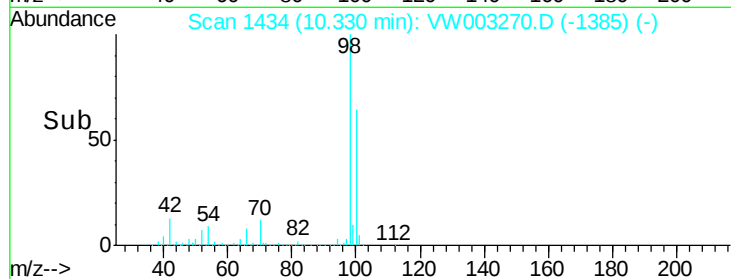
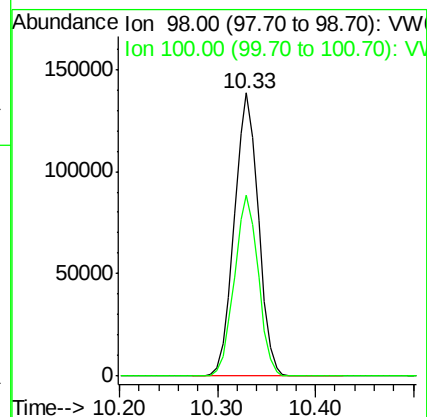
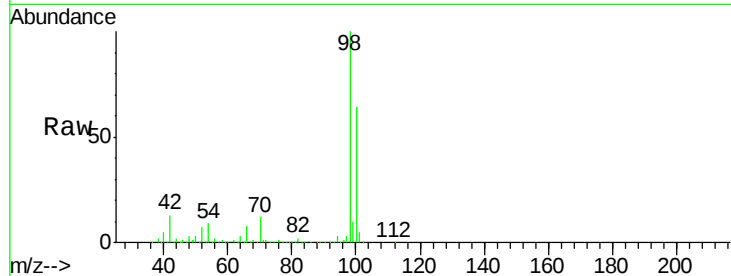
OILY-STONES

Tgt Ion: 98 Resp: 236263

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 34.487 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003270.D

Acq: 14 Jun 2018 22:41

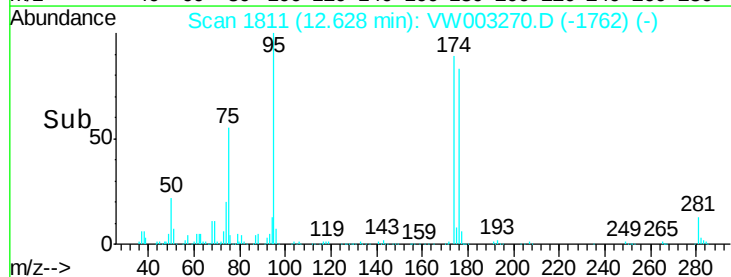
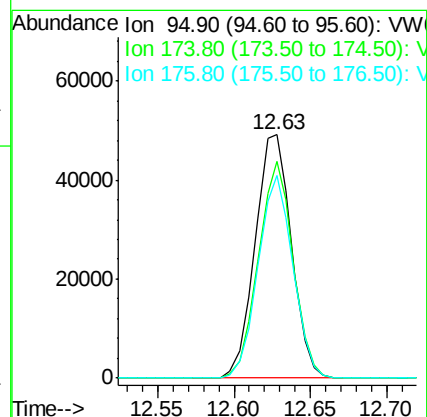
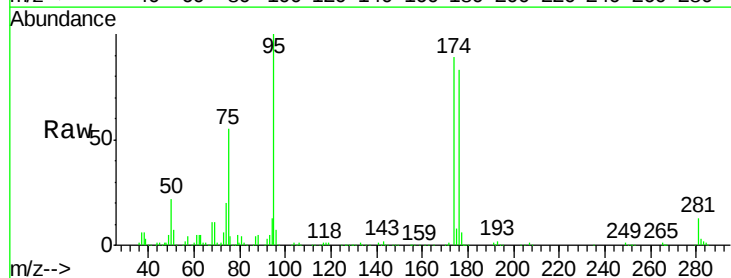
Tgt Ion: 95 Resp: 81190

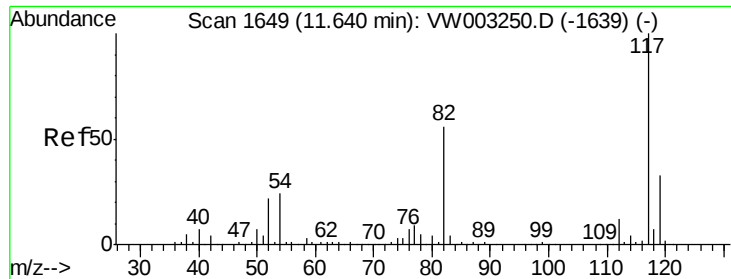
Ion Ratio Lower Upper

95 100

174 85.2 0.0 166.4

176 79.8 0.0 162.0

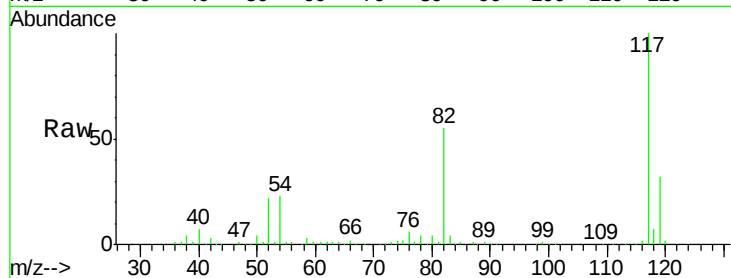




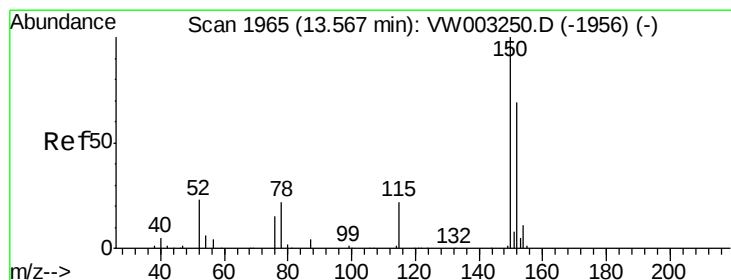
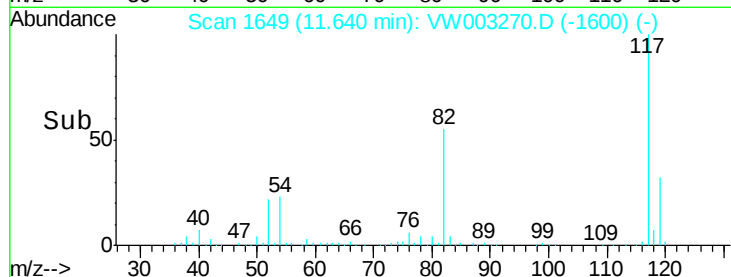
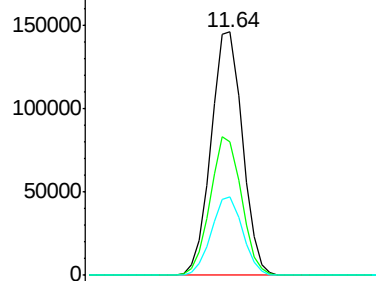
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003270.D
Acq: 14 Jun 2018 22:41

Instrument :
MSVOA_W
ClientSampleId :
OILY-STONES

Tgt Ion:117 Resp: 246380
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.1 26.7 40.1

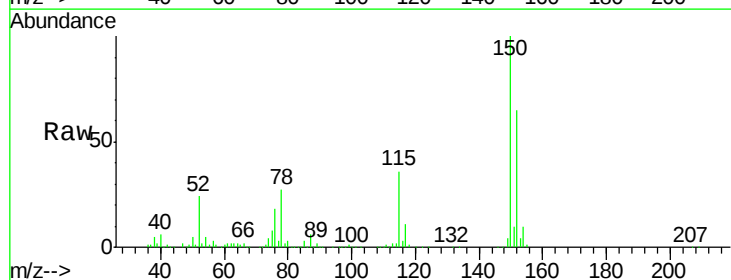


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

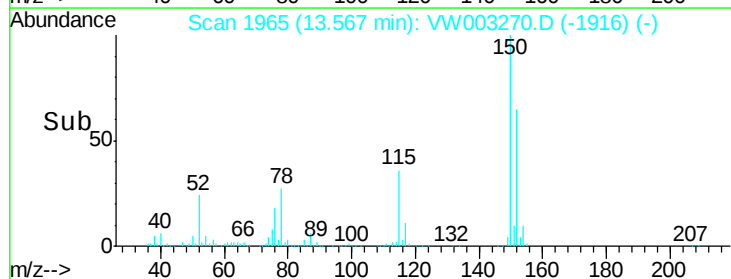
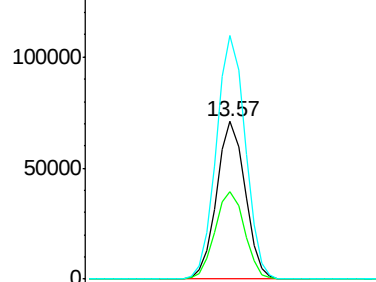


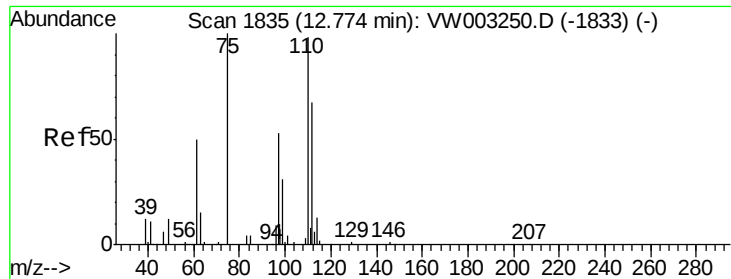
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003270.D
Acq: 14 Jun 2018 22:41

Tgt Ion:152 Resp: 108660
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 156.5 0.0 349.6



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: 47.209 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003270.D

Acq: 14 Jun 2018 22:41

Instrument :

MSVOA_W

ClientSampleId :

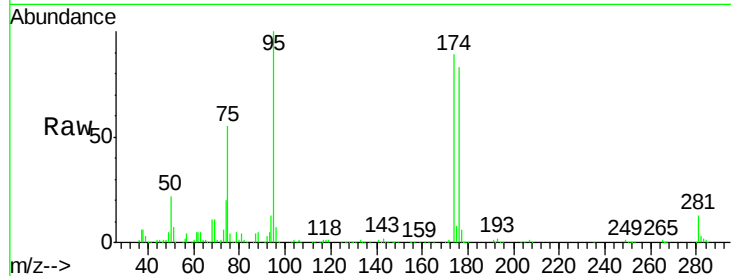
OILY-STONES

Tgt Ion: 75 Resp: 43853

Ion Ratio Lower Upper

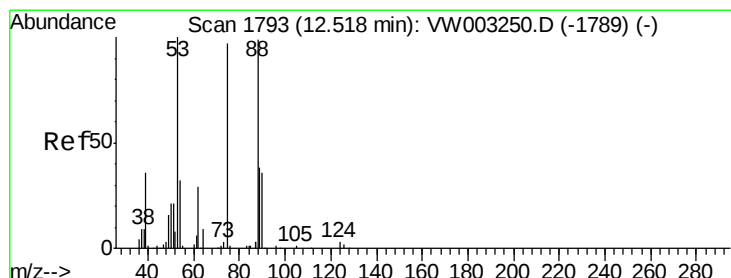
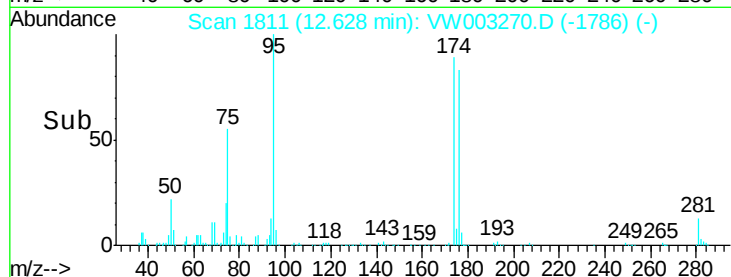
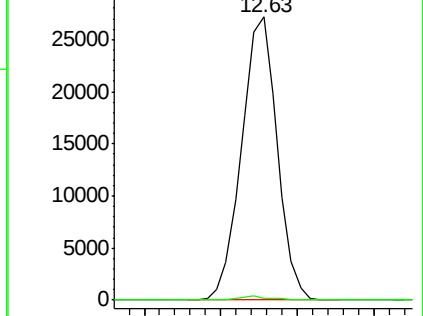
75 100

77 1.2 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: 108.630 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003270.D

Acq: 14 Jun 2018 22:41

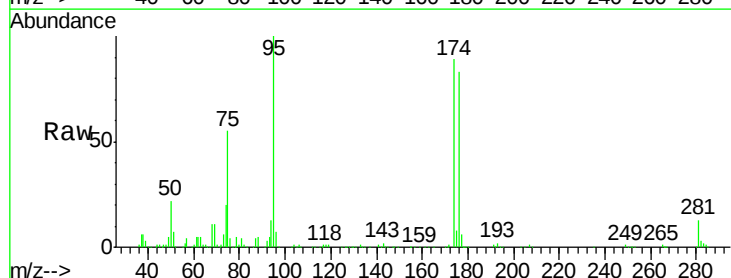
Tgt Ion: 75 Resp: 43853

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.1 36.7 55.1#



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

