

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003285.D
 Acq On : 15 Jun 2018 05:08
 Operator : VA/AP
 Sample : J3487-01
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 15 06:51:19 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	148947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	257027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	196919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61309	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	112920	69.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.98%	
35) Dibromofluoromethane	7.89	113	96356	60.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.66%	
50) Toluene-d8	10.33	98	299230	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	12.62	95	78384	34.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.96%	

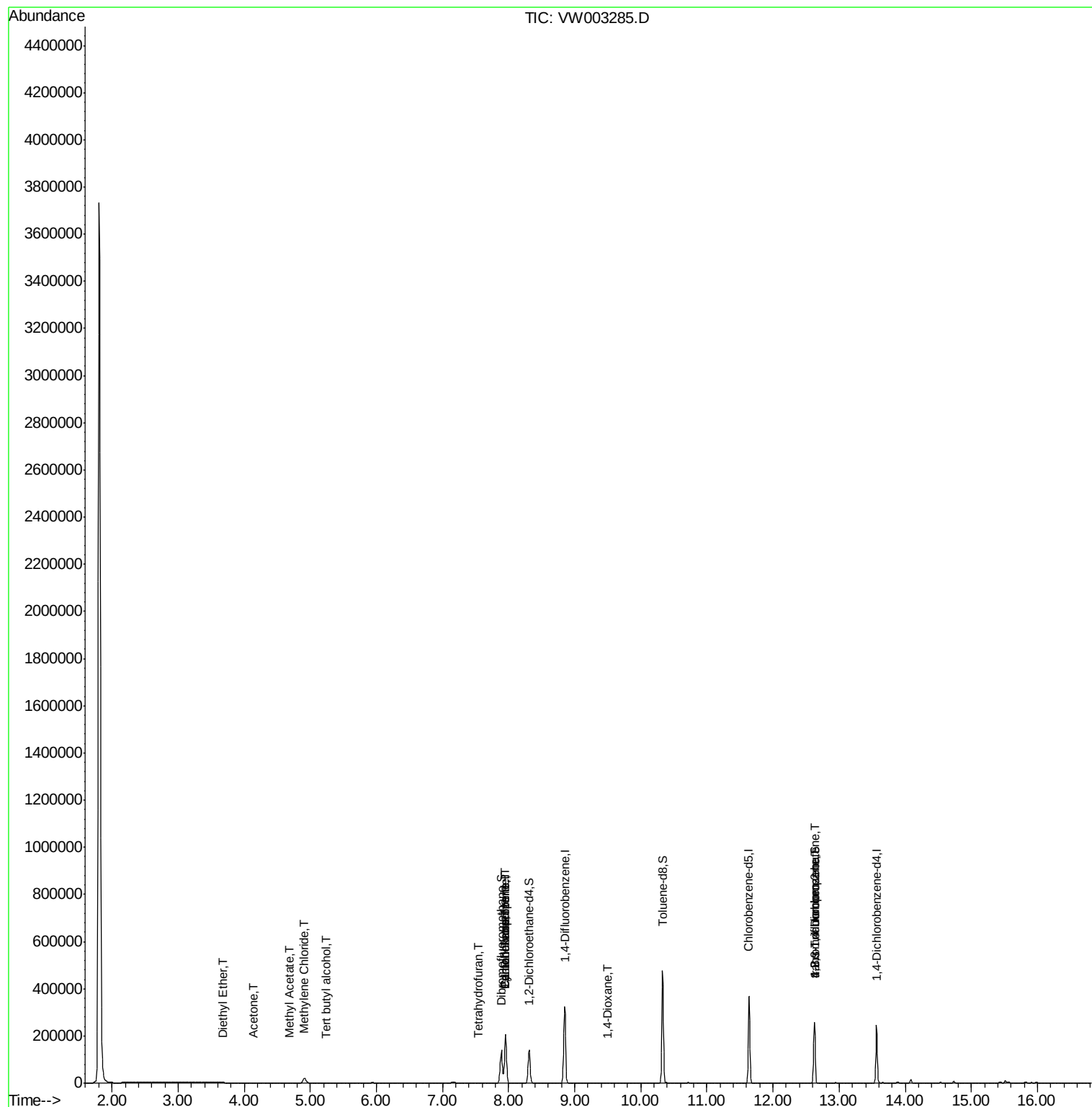
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	810	1.110	ug/l	50
11) Tert butyl alcohol	5.24	59	160	1.849	ug/l #	33
16) Acetone	4.14	43	1281	3.786	ug/l #	59
18) Methyl Acetate	4.68	43	1273	1.586	ug/l #	76
20) Methylene Chloride	4.90	84	15452	7.641	ug/l	98
29) Tetrahydrofuran	7.53	42	330	1.283	ug/l #	2
31) Cyclohexane	7.95	56	3696	1.418	ug/l #	24
36) 1,1-Dichloropropene	7.96	75	12378	4.987	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14656	6.019	ug/l #	17
49) 1,4-Dioxane	9.49	88	19	1.411	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	41971	80.079	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	41971	184.266	ug/l #	8

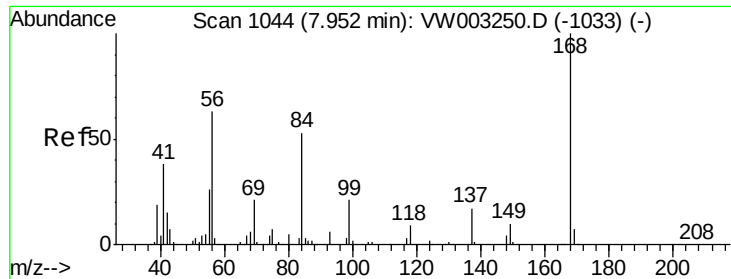
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

Instrument :

MSVOA_W

ClientSampled :

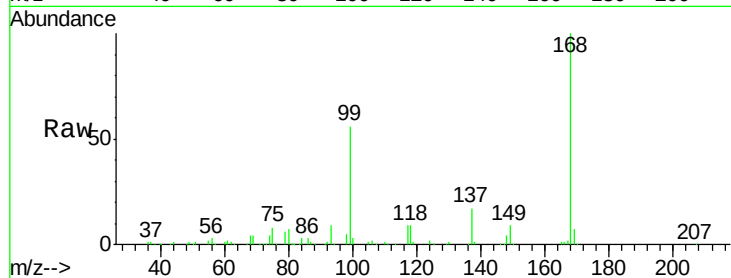
OILY-SOIL

Tgt Ion:168 Resp: 148947

Ion Ratio Lower Upper

168 100

99 56.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

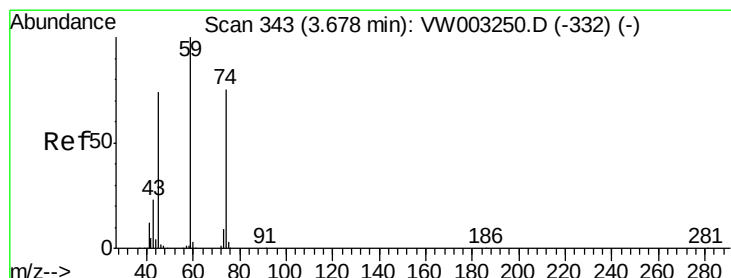
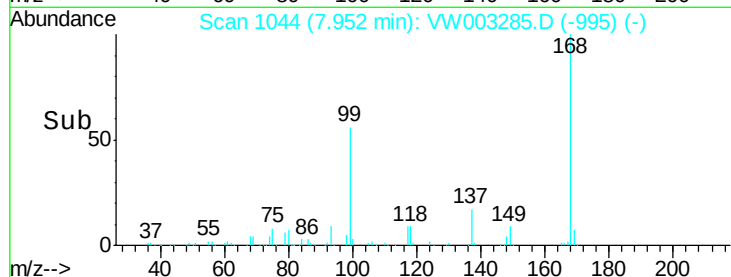
40000

20000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.110 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.01 min

Lab File: VW003285.D

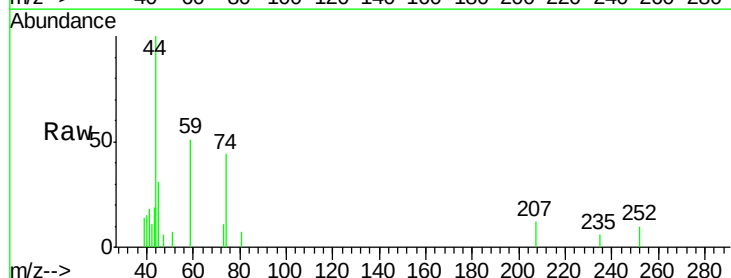
Acq: 15 Jun 2018 05:08

Tgt Ion: 74 Resp: 810

Ion Ratio Lower Upper

74 100

45 153.6 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

400

300

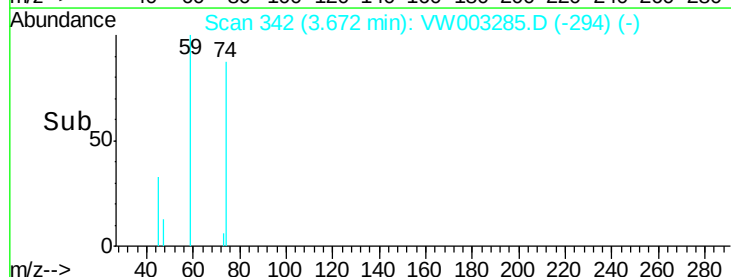
200

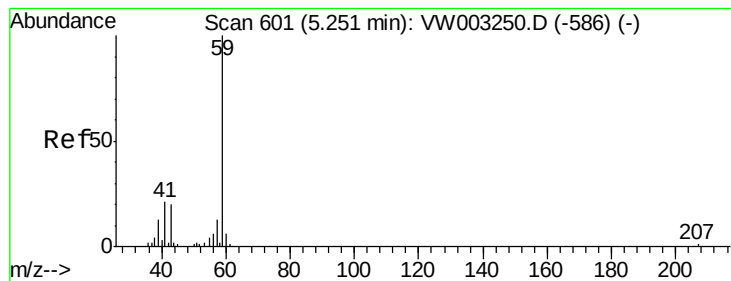
100

0

3.65 3.70

Time-->





#11

Tert butyl alcohol

Concen: 1.849 ug/l

RT: 5.24 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

Instrument :

MSVOA_W

ClientSampled :

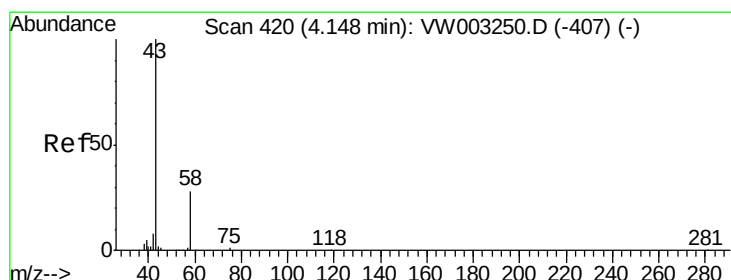
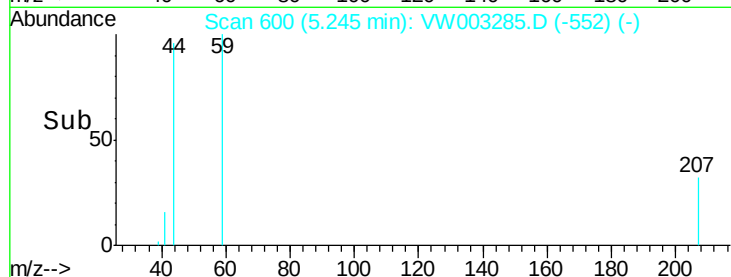
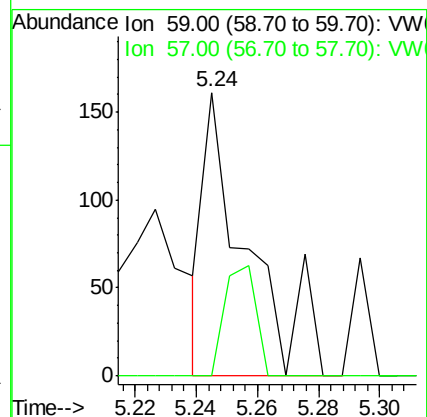
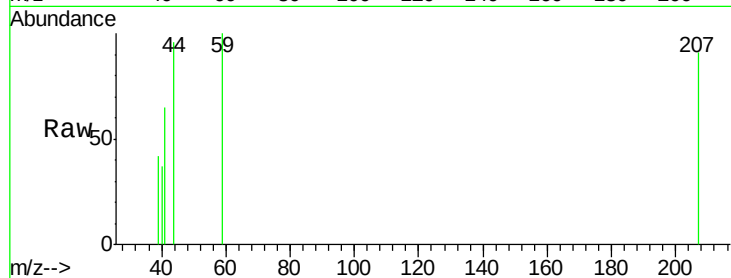
OILY-SOIL

Tgt Ion: 59 Resp: 160

Ion Ratio Lower Upper

59 100

57 27.5 4.2 6.2#



#16

Acetone

Concen: 3.786 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003285.D

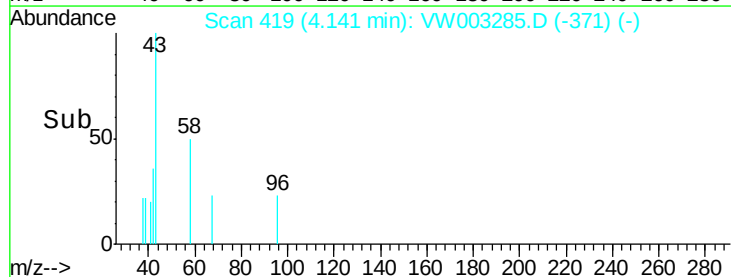
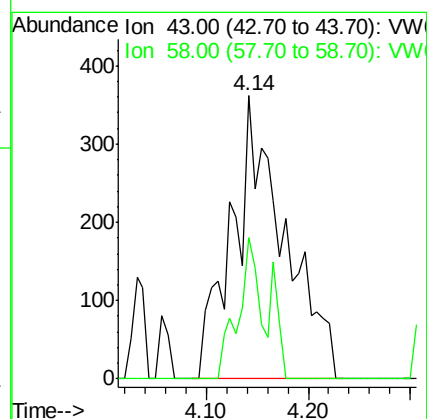
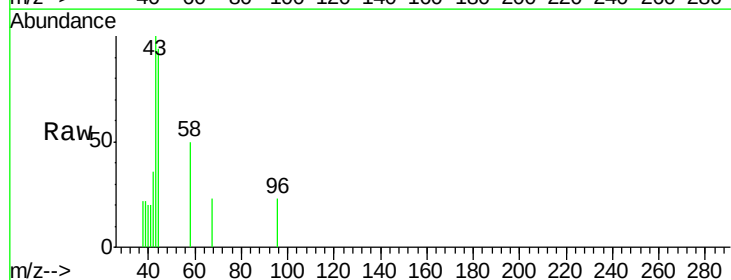
Acq: 15 Jun 2018 05:08

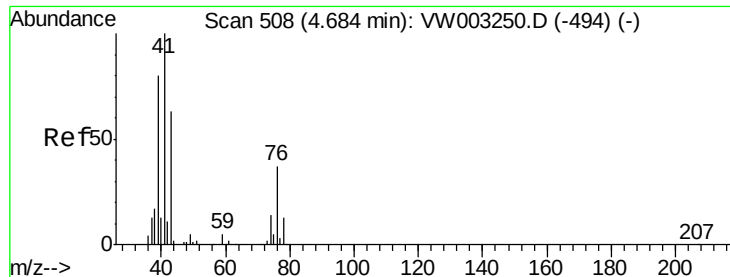
Tgt Ion: 43 Resp: 1281

Ion Ratio Lower Upper

43 100

58 50.0 22.6 34.0#

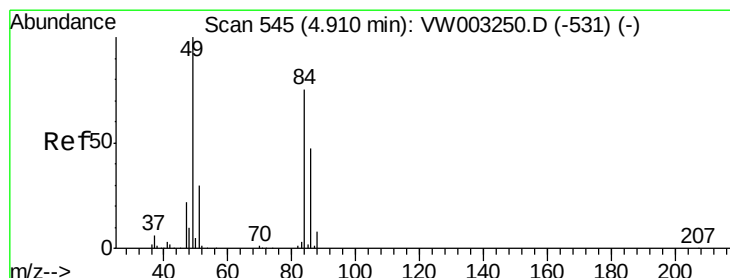
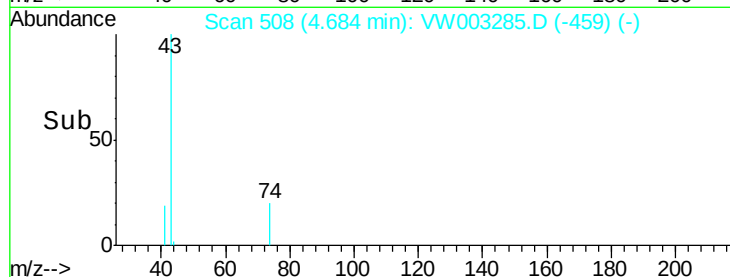
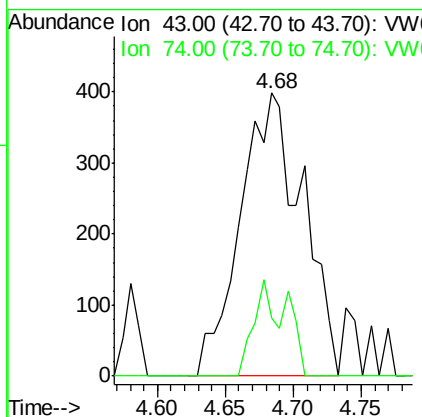
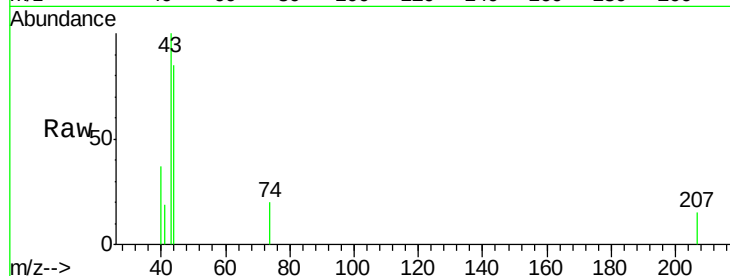




#18
Methyl Acetate
Concen: 1.586 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003285.D
Acq: 15 Jun 2018 05:08

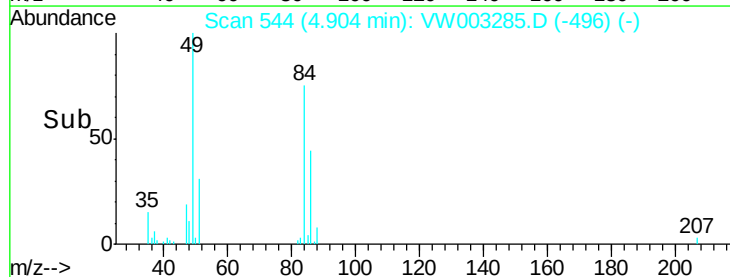
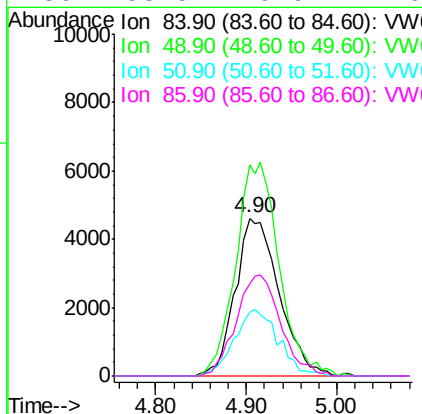
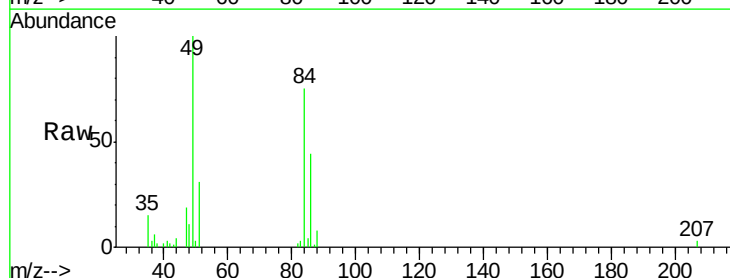
Instrument :
MSVOA_W
ClientSampled :
OILY-SOIL

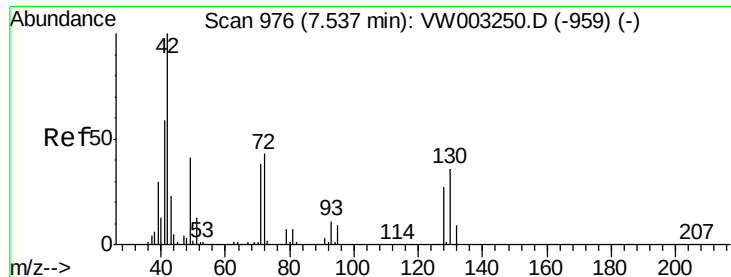
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
74 11.8 18.7 28.1#



#20
Methylene Chloride
Concen: 7.641 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003285.D
Acq: 15 Jun 2018 05:08

Tgt Ion: 84 Resp: 15452
Ion Ratio Lower Upper
84 100
49 133.3 106.3 159.5
51 40.8 32.0 48.0
86 58.5 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.283 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.01 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

OILY-SOIL

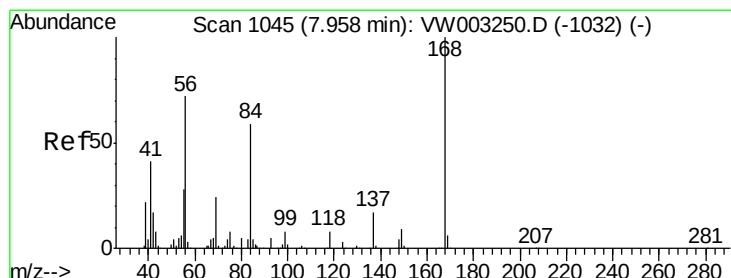
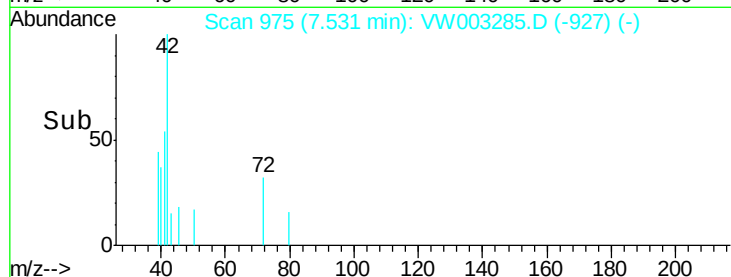
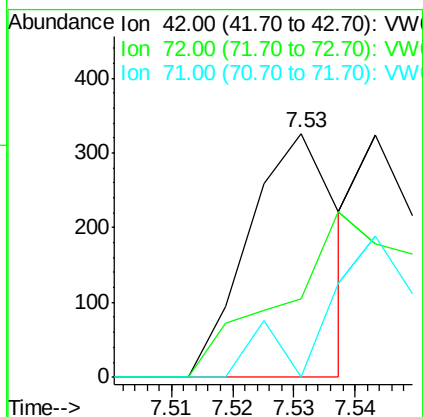
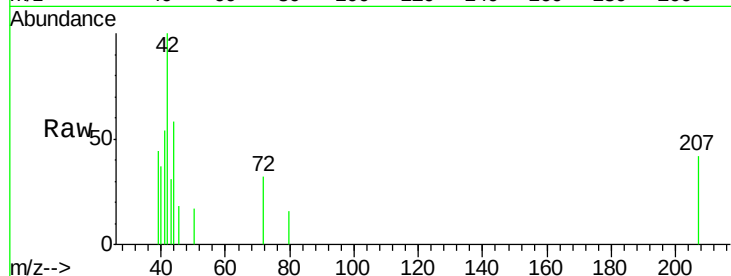
Tgt Ion: 42 Resp: 330

Ion Ratio Lower Upper

42 100

72 137.9 32.4 48.6#

71 61.8 31.2 46.8#



#31

Cyclohexane

Concen: 1.418 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

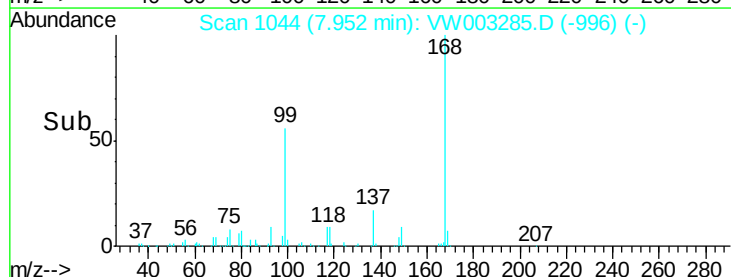
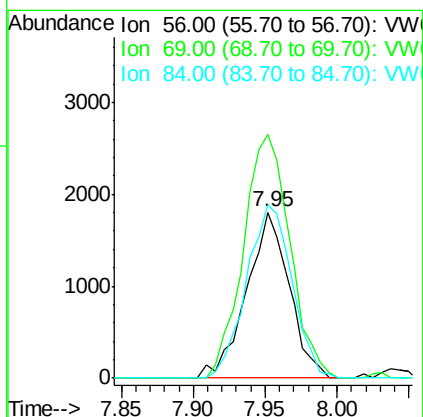
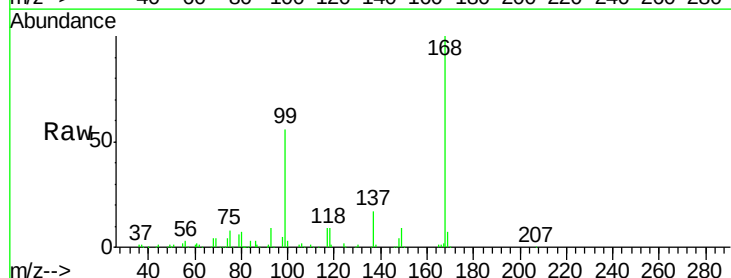
Tgt Ion: 56 Resp: 3696

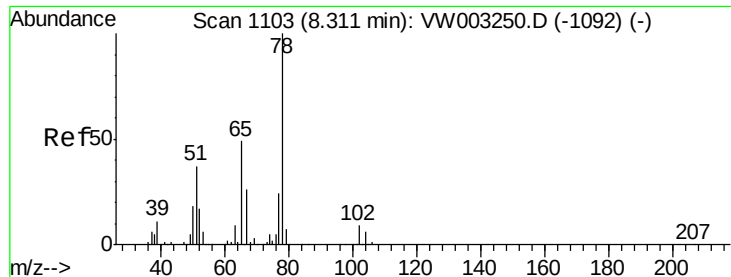
Ion Ratio Lower Upper

56 100

69 147.1 26.3 39.5#

84 104.7 65.7 98.5#





#33

1,2-Dichloroethane-d4

Concen: 69.992 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

Instrument :

MSVOA_W

ClientSampleId :

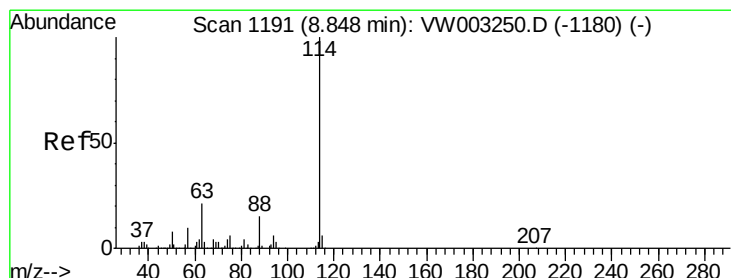
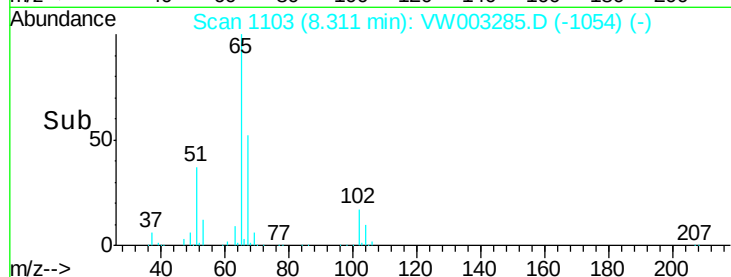
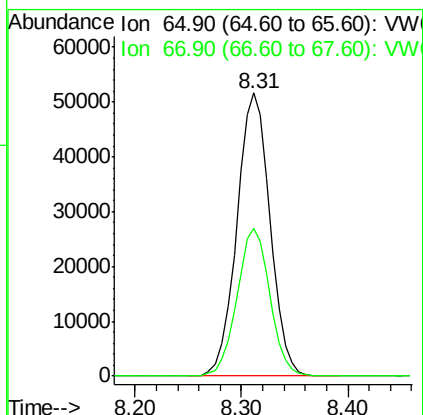
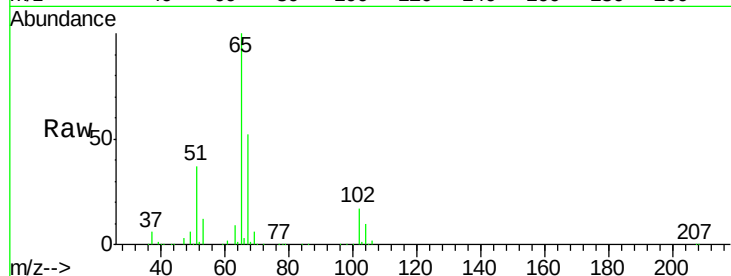
OILY-SOIL

Tgt Ion: 65 Resp: 112920

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

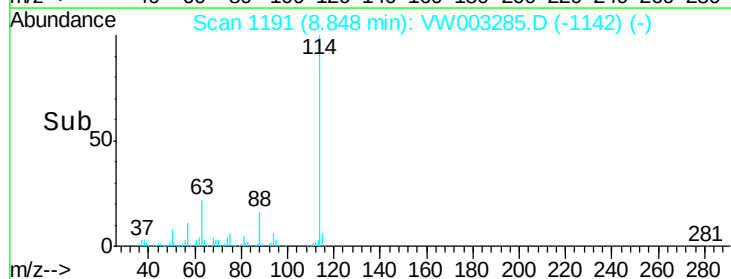
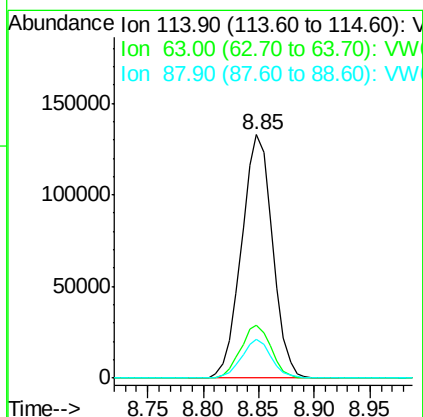
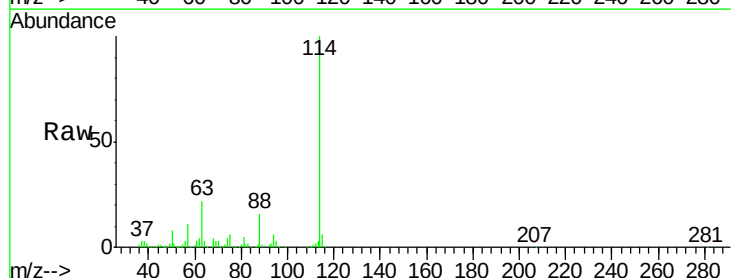
Tgt Ion: 114 Resp: 257027

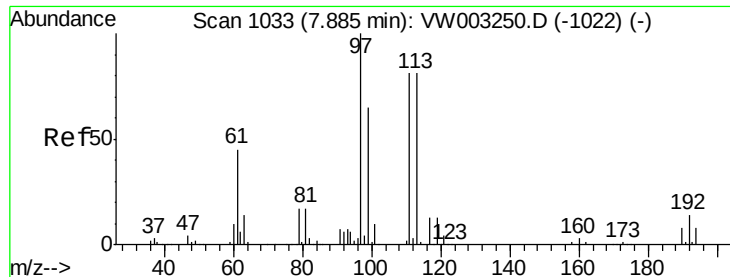
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 16.1 0.0 29.6

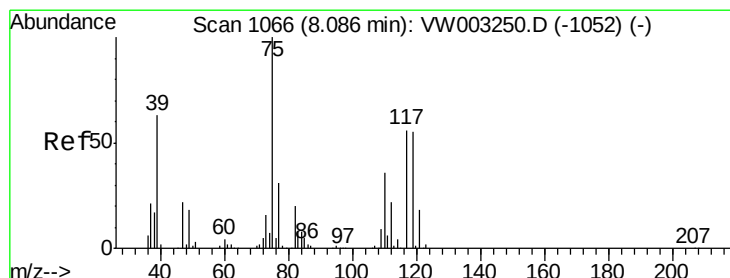
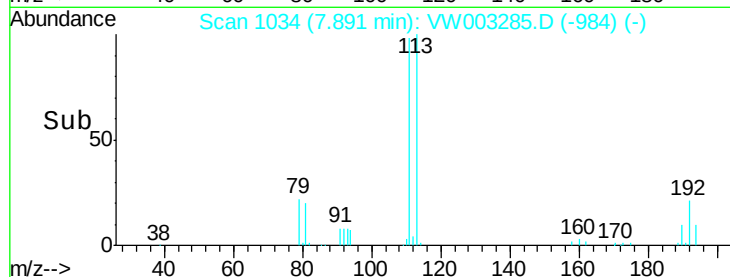
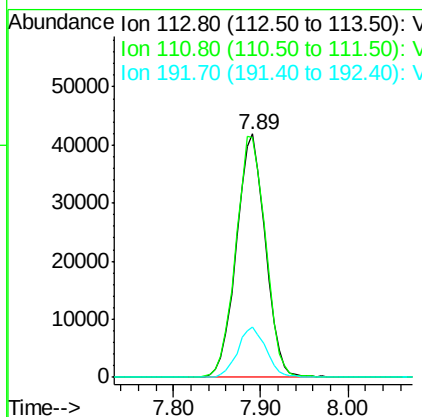
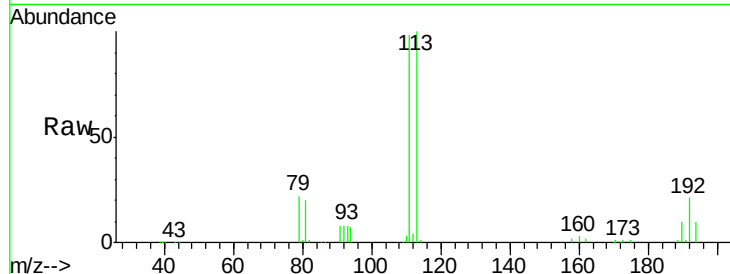




#35
 Dibromofluoromethane
 Concen: 60.332 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003285.D
 Acq: 15 Jun 2018 05:08

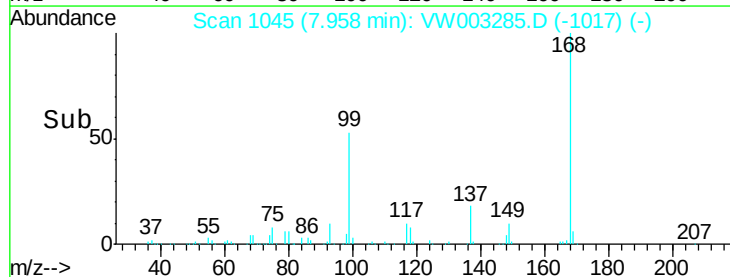
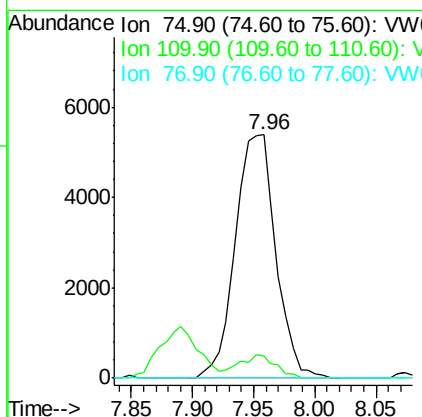
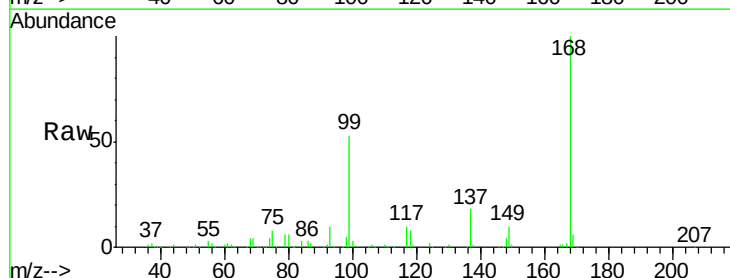
Instrument :
 MSVOA_W
 ClientSampled :
 OILY-SOIL

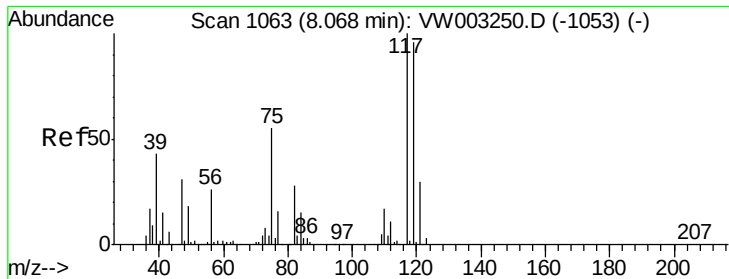
Tgt Ion:113 Resp: 96356
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 20.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.987 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW003285.D
 Acq: 15 Jun 2018 05:08

Tgt Ion: 75 Resp: 12378
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.019 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

Instrument :

MSVOA_W

ClientSampled :

OILY-SOIL

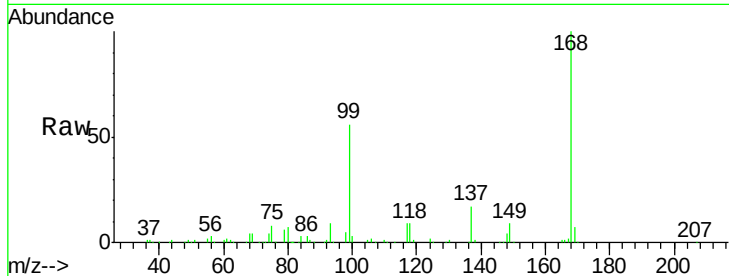
Tgt Ion:117 Resp: 14656

Ion Ratio Lower Upper

117 100

119 5.8 76.6 115.0#

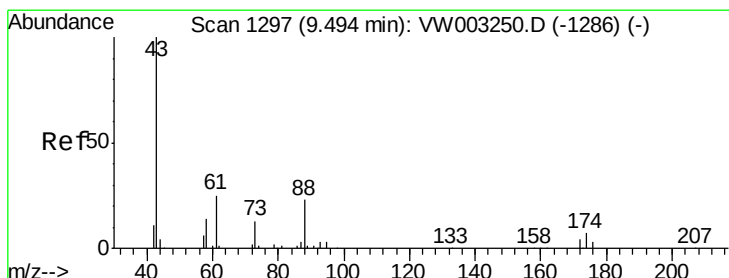
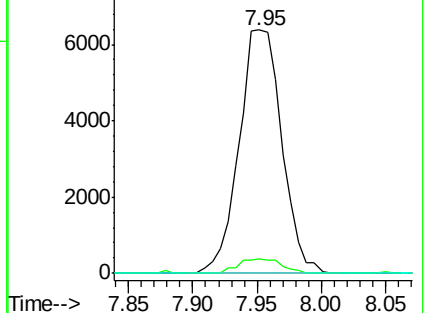
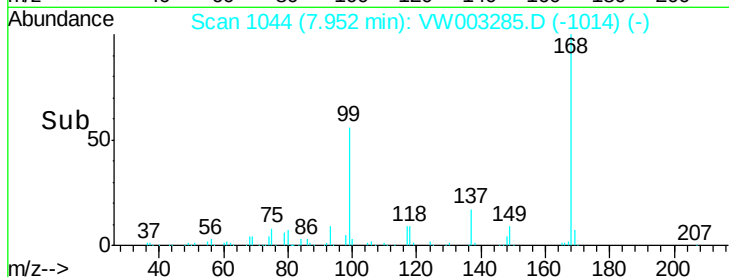
121 0.0 23.9 35.9#



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



#49

1,4-Dioxane

Concen: 1.411 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VW003285.D

Acq: 15 Jun 2018 05:08

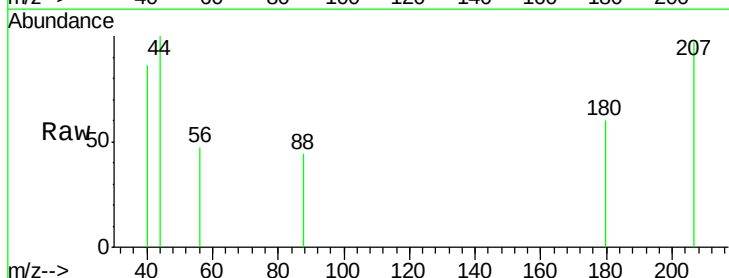
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

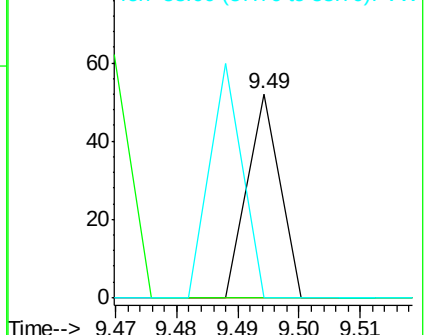
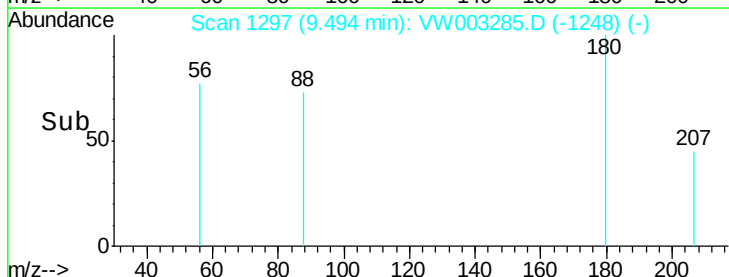
58 115.8 58.6 88.0#

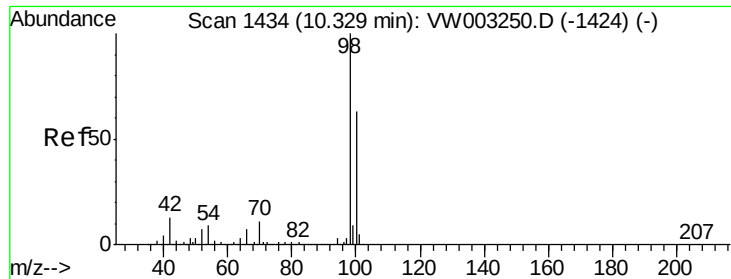


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

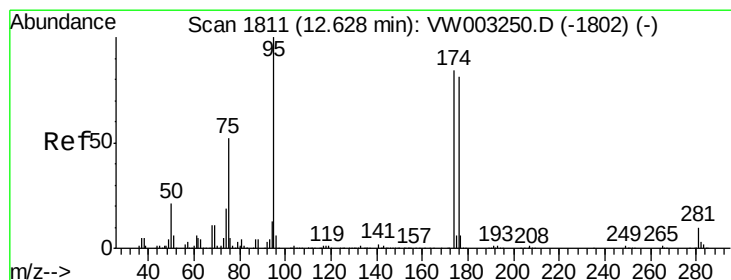
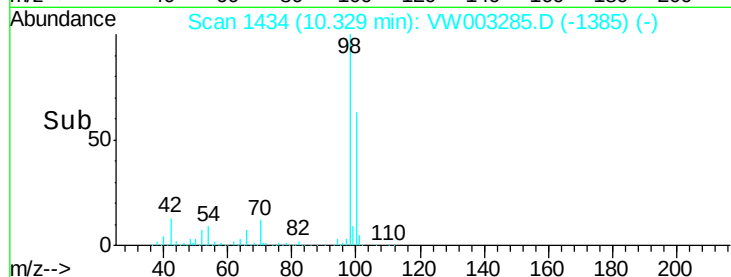
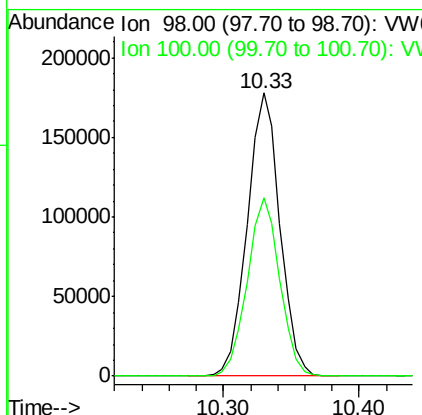
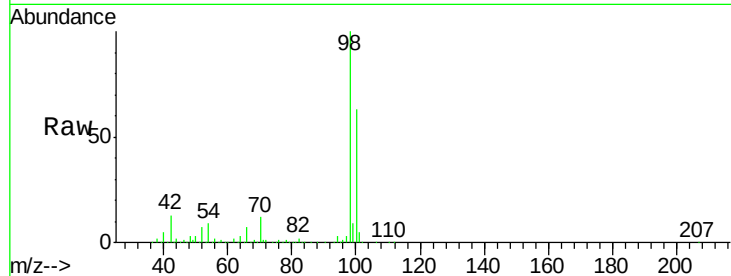




#50
Toluene-d8
Concen: 47.251 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003285.D
Acq: 15 Jun 2018 05:08

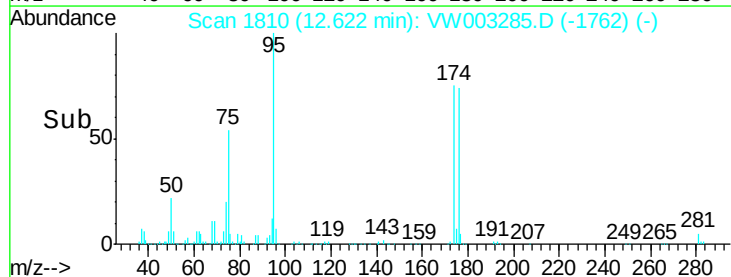
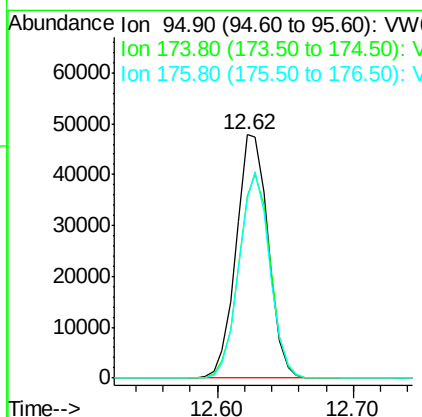
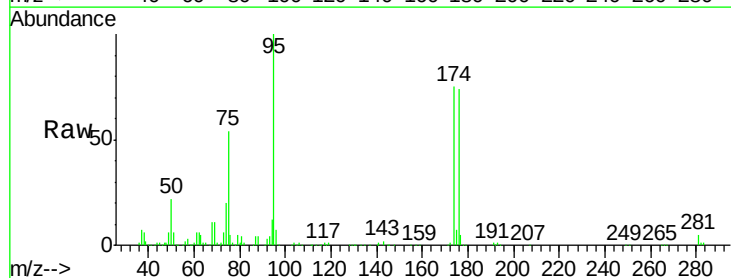
Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

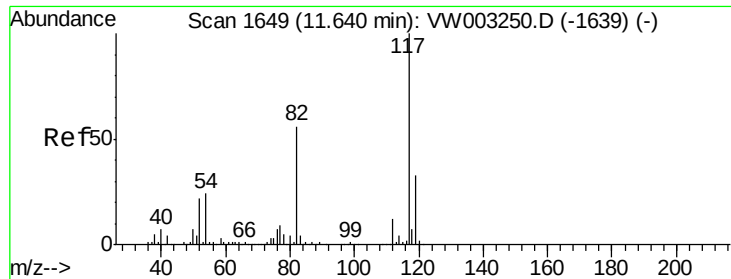
Tgt Ion: 98 Resp: 299230
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 34.975 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003285.D
Acq: 15 Jun 2018 05:08

Tgt Ion: 95 Resp: 78384
Ion Ratio Lower Upper
95 100
174 82.9 0.0 166.4
176 81.2 0.0 162.0

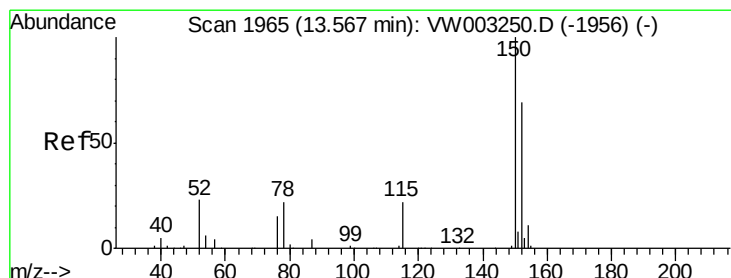
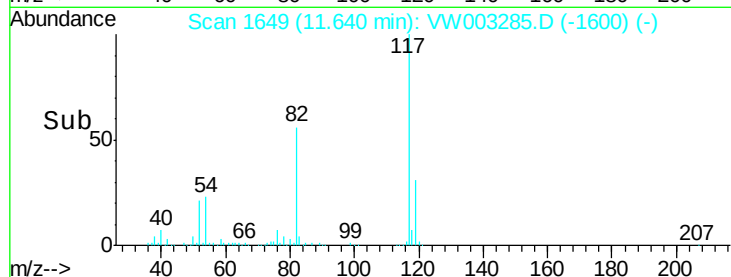
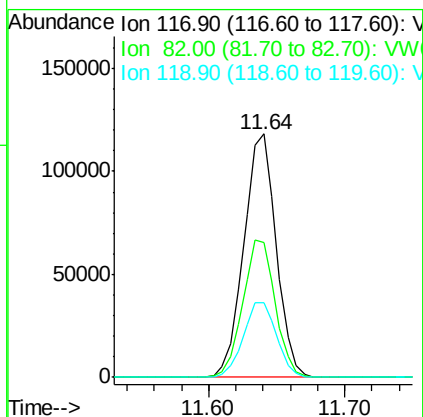
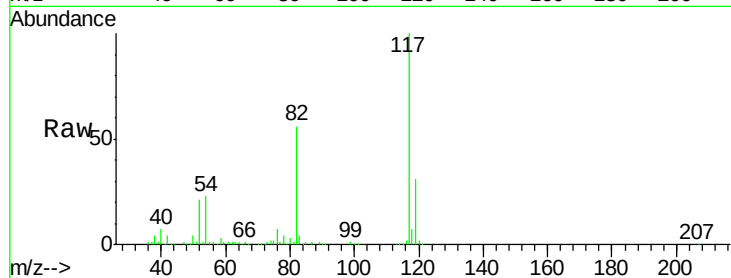




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003285.D
Acq: 15 Jun 2018 05:08

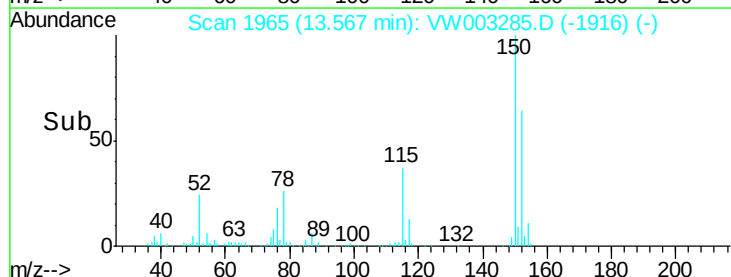
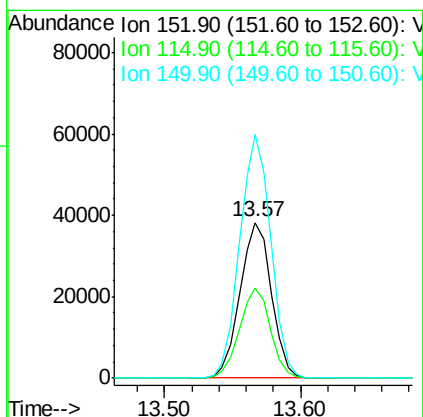
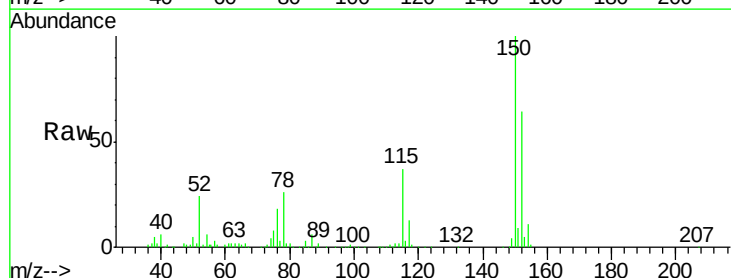
Instrument :
MSVOA_W
ClientSampleId :
OILY-SOIL

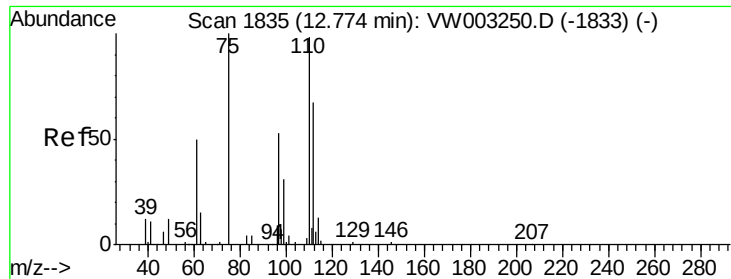
Tgt Ion:117 Resp: 196919
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 30.8 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003285.D
Acq: 15 Jun 2018 05:08

Tgt Ion:152 Resp: 61309
Ion Ratio Lower Upper
152 100
115 56.9 29.3 88.0
150 155.4 0.0 349.6

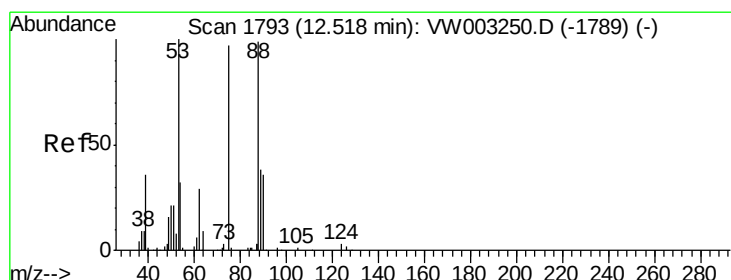
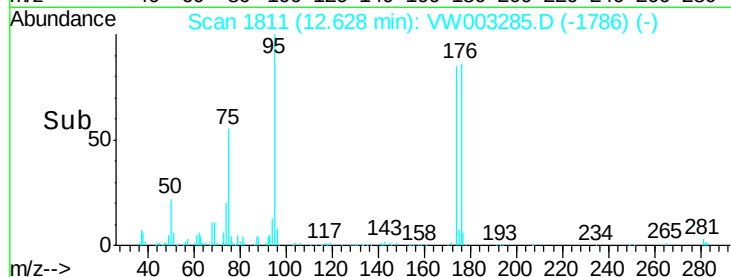
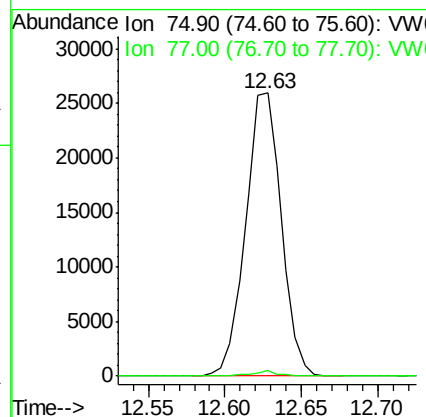
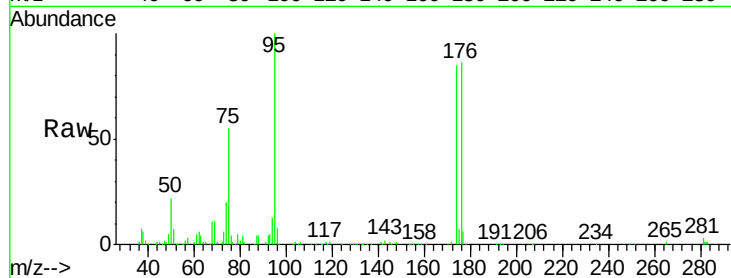




#76
 1,2,3-Trichloropropane
 Concen: 80.079 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW003285.D
 Acq: 15 Jun 2018 05:08

Instrument :
 MSVOA_W
 ClientSampleId :
 OILY-SOIL

Tgt Ion: 75 Resp: 41971
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 184.266 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.11 min
 Lab File: VW003285.D
 Acq: 15 Jun 2018 05:08

Tgt Ion: 75 Resp: 41971
 Ion Ratio Lower Upper
 75 100
 53 0.2 82.9 124.3#
 89 0.0 36.7 55.1#

