

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
 Data File : VW008225.D
 Acq On : 12 Jan 2019 07:08
 Operator : SY/VA
 Sample : K1118-01RE
 Misc : 7.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FENCE-SOIL-PILE-1RE

Quant Time: Jan 14 10:31:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

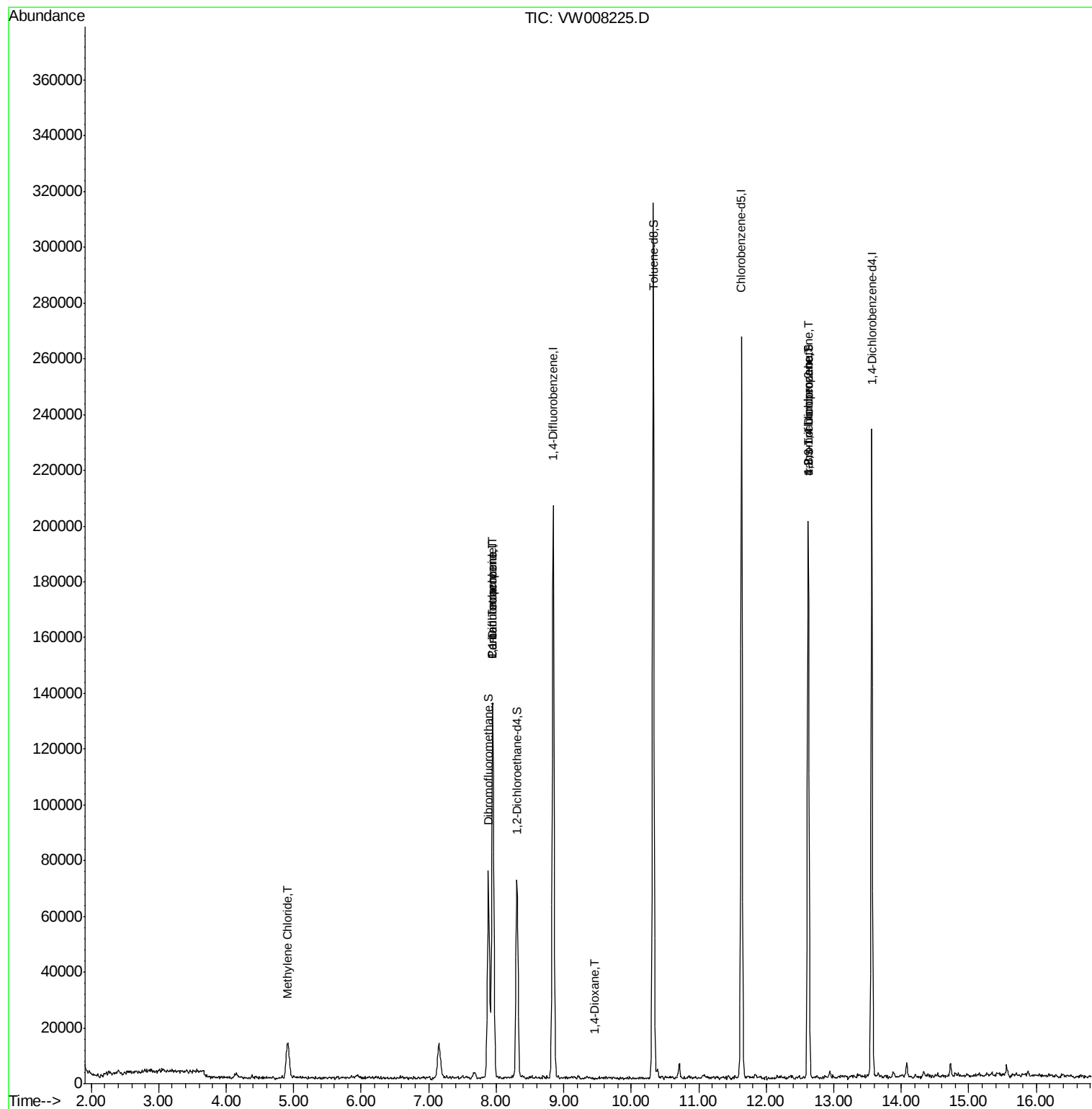
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53056	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	7.88	113	51792	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.32	98	210114	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
62) 4-Bromofluorobenzene	12.62	95	64458	42.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.46%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.24	59	79	Below Cal	#	100
16) Acetone	4.15	43	3245	Below Cal		91
20) Methylene Chloride	4.91	84	10024	4.625	ug/l	92
36) 1,1-Dichloropropene	7.95	75	8158	4.607	ug/l #	51
38) Carbon Tetrachloride	7.95	117	9968	6.150	ug/l #	16
49) 1,4-Dioxane	9.45	88	47	4.997	ug/l #	11
76) 1,2,3-Trichloropropane	12.62	75	31858	60.714	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	31858	141.385	ug/l #	11

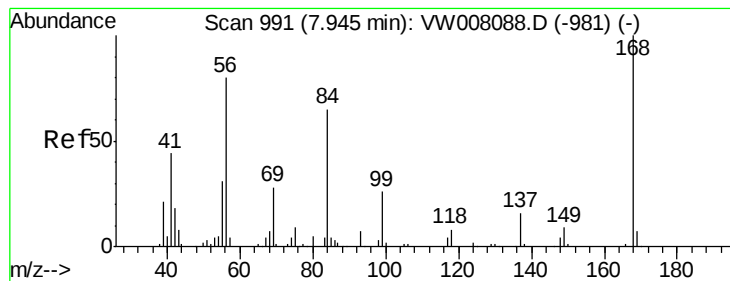
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008225.D

Acq: 12 Jan 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

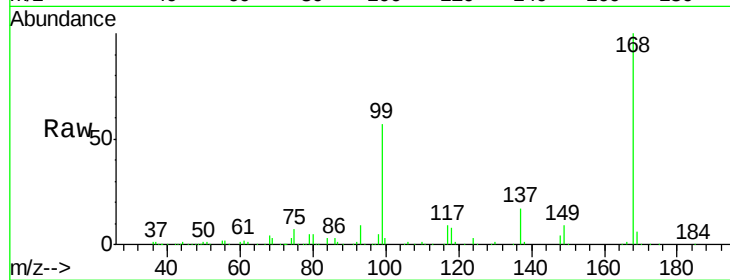
FENCE-SOIL-PILE-1RE

Tgt Ion:168 Resp: 100778

Ion Ratio Lower Upper

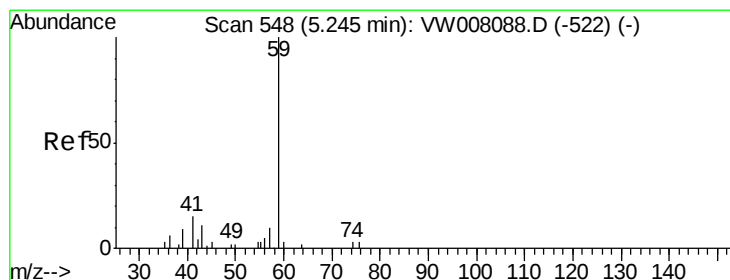
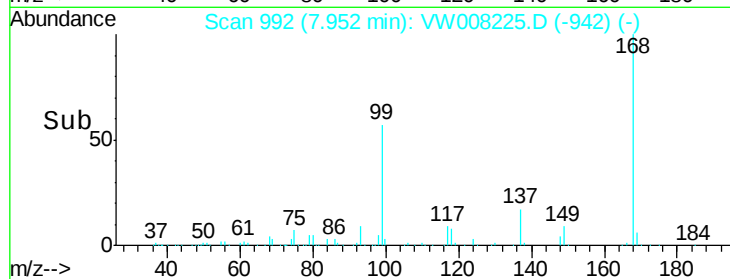
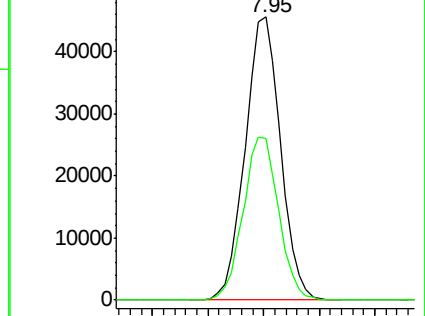
168 100

99 57.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 548

Delta R.T. 0.00 min

Lab File: VW008225.D

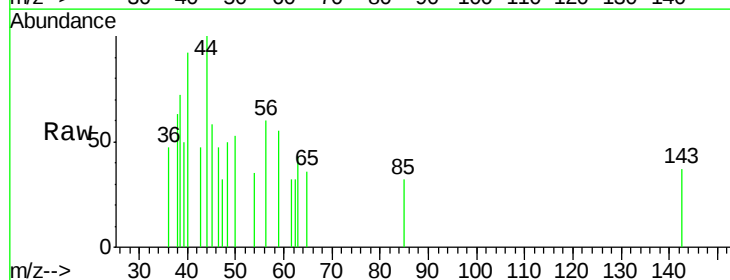
Acq: 12 Jan 2019 07:08

Tgt Ion: 59 Resp: 79

Ion Ratio Lower Upper

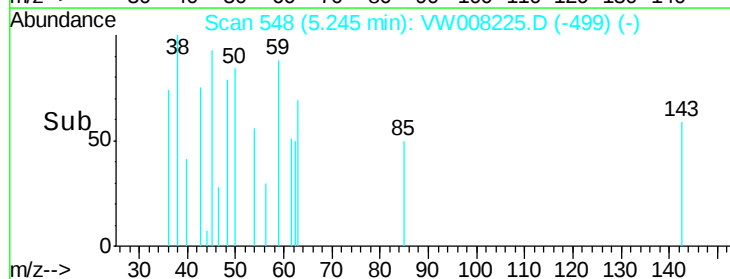
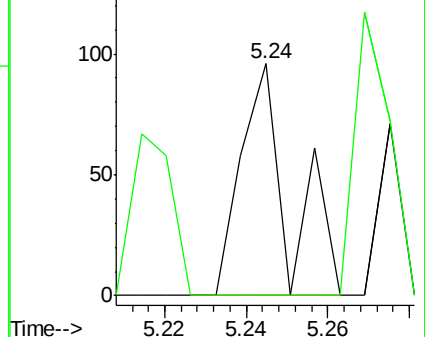
59 100

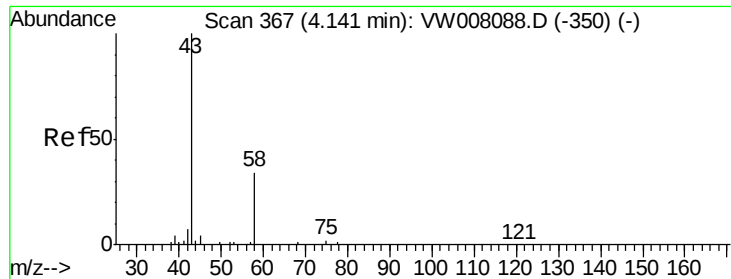
57 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

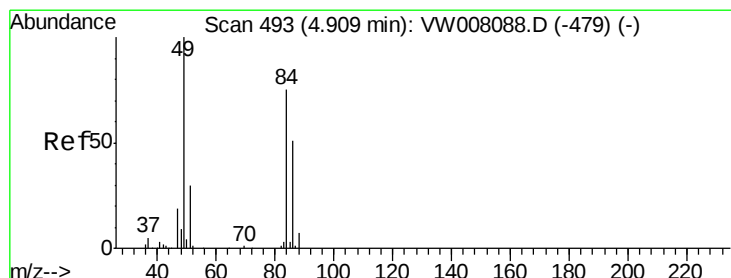
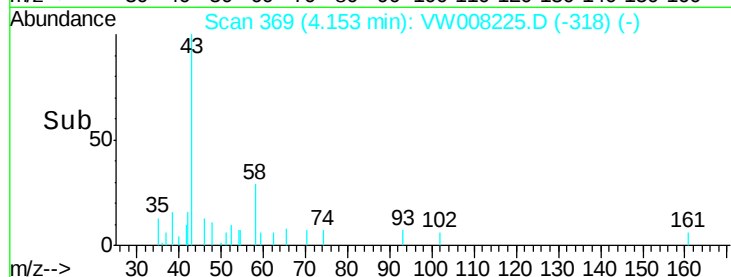
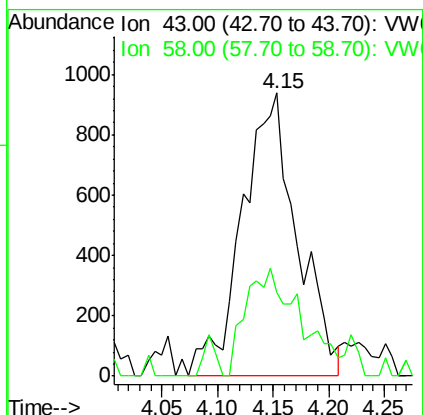
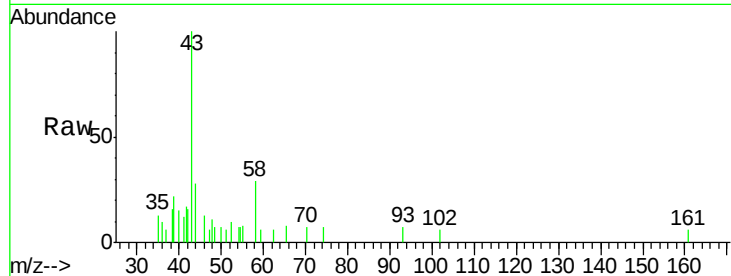




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW008225.D
Acq: 12 Jan 2019 07:08

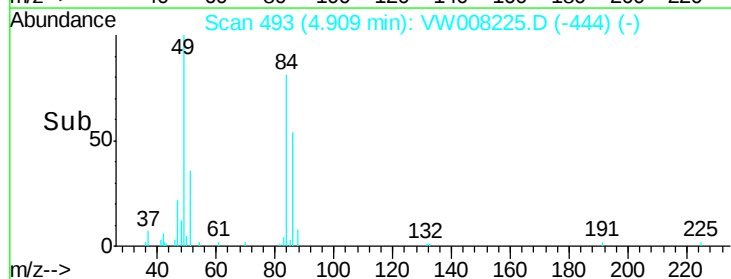
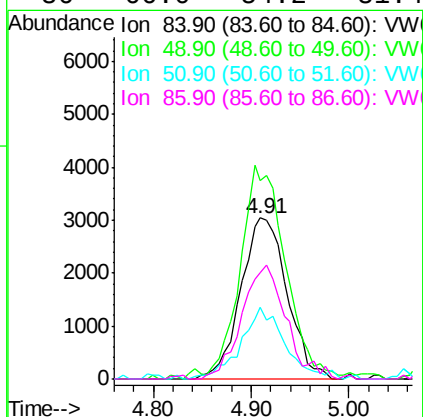
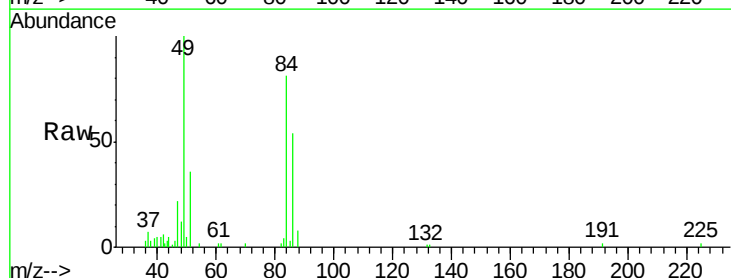
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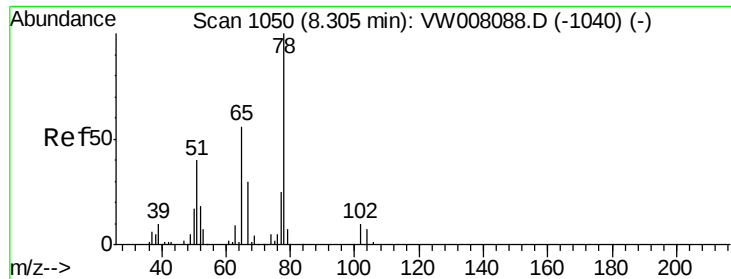
Tgt Ion: 43 Resp: 3245
Ion Ratio Lower Upper
43 100
58 29.4 27.5 41.3



#20
Methylene Chloride
Concen: 4.625 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008225.D
Acq: 12 Jan 2019 07:08

Tgt Ion: 84 Resp: 10024
Ion Ratio Lower Upper
84 100
49 120.9 107.1 160.7
51 44.8 32.4 48.6
86 66.0 54.2 81.4

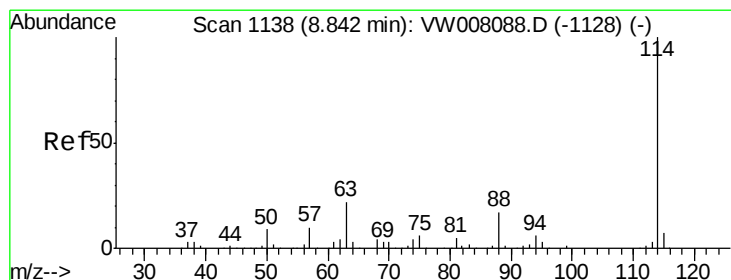
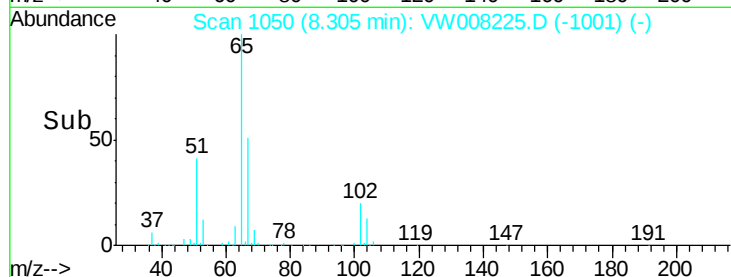
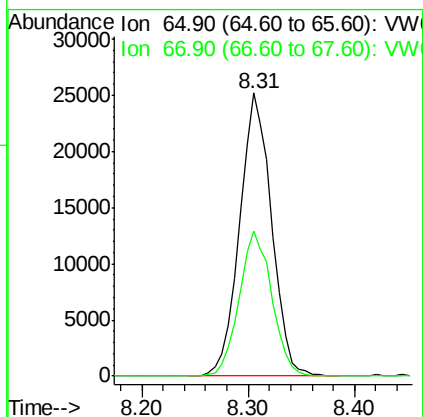
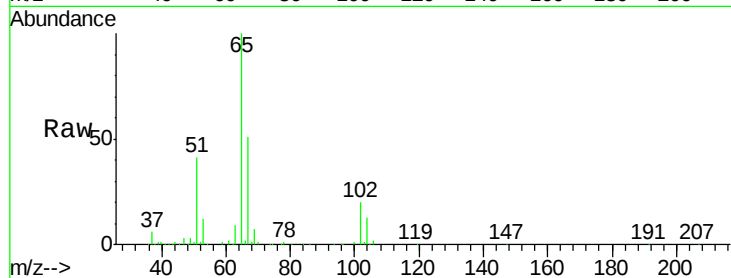




#33
 1,2-Dichloroethane-d4
 Concen: 46.842 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008225.D
 Acq: 12 Jan 2019 07:08

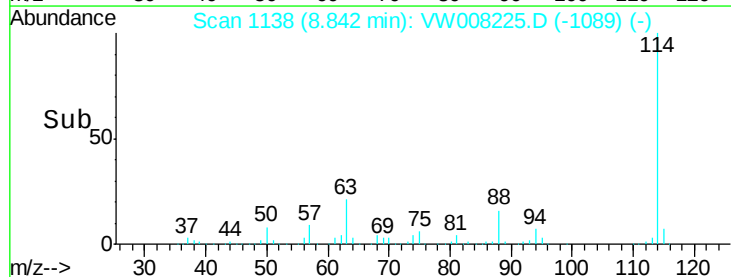
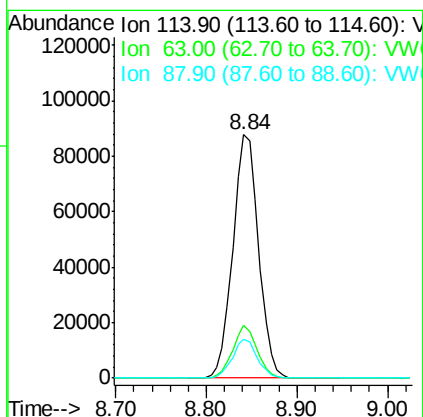
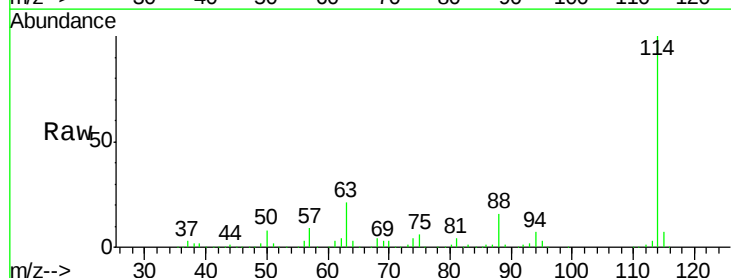
Instrument :
 MSVOA_W
 ClientSampleId :
 FENCE-SOIL-PILE-1RE

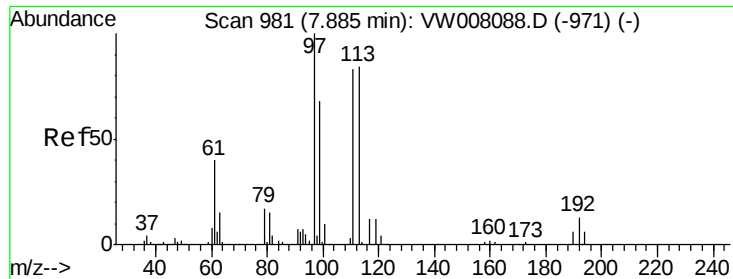
Tgt Ion: 65 Resp: 53056
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008225.D
 Acq: 12 Jan 2019 07:08

Tgt Ion: 114 Resp: 171911
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 15.7 0.0 33.4

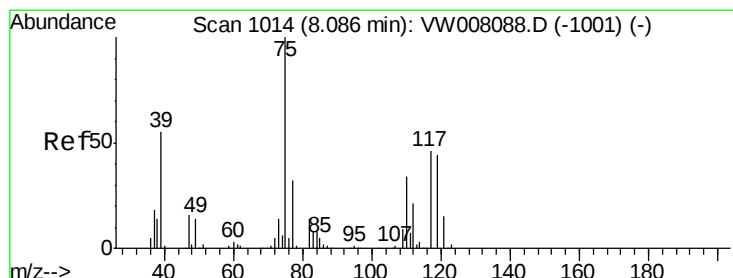
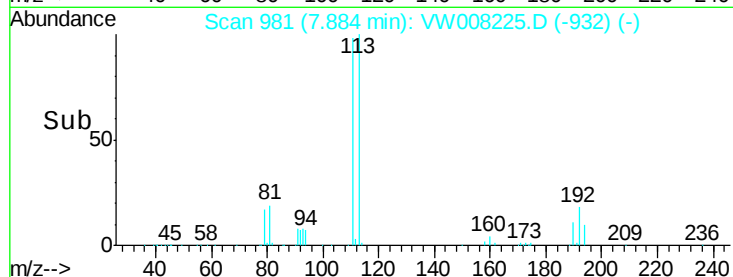
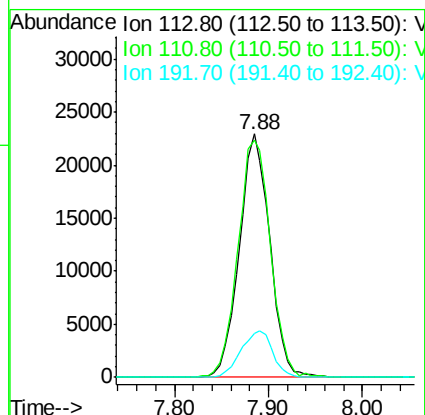
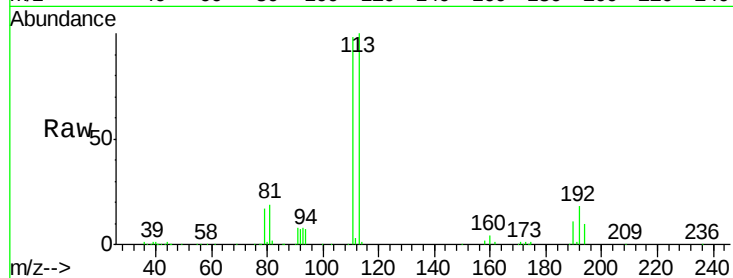




#35
 Dibromofluoromethane
 Concen: 51.655 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008225.D
 Acq: 12 Jan 2019 07:08

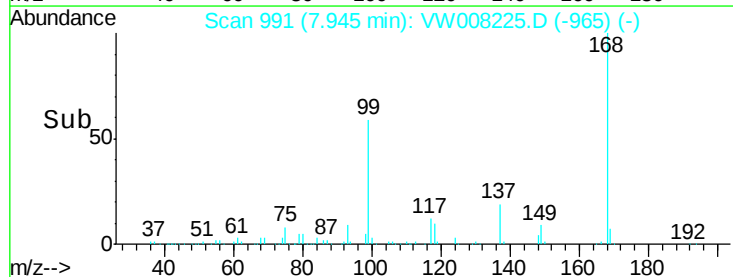
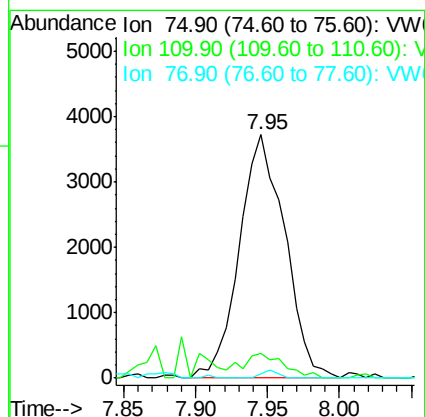
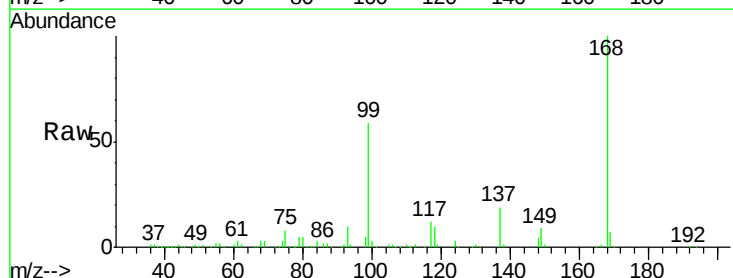
Instrument :
 MSVOA_W
 ClientSampleId :
 FENCE-SOIL-PILE-1RE

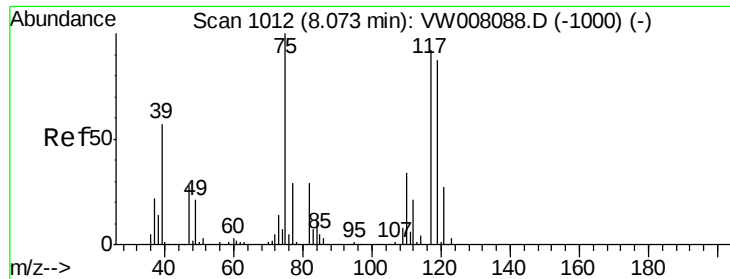
Tgt Ion:113 Resp: 51792
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.8 122.8
 192 20.2 12.8 19.2#



#36
 1,1-Dichloropropene
 Concen: 4.607 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008225.D
 Acq: 12 Jan 2019 07:08

Tgt Ion: 75 Resp: 8158
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.1 51.3#
 77 1.2 25.5 38.3#

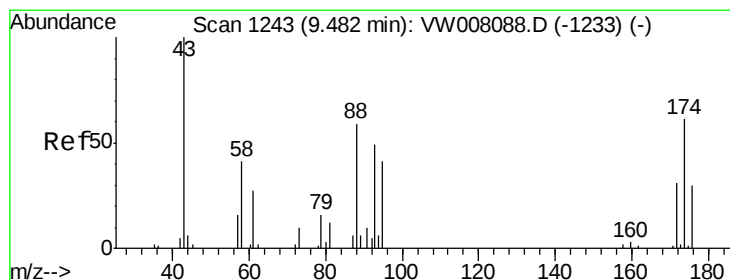
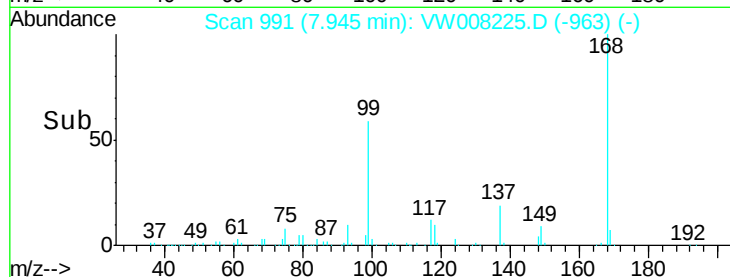
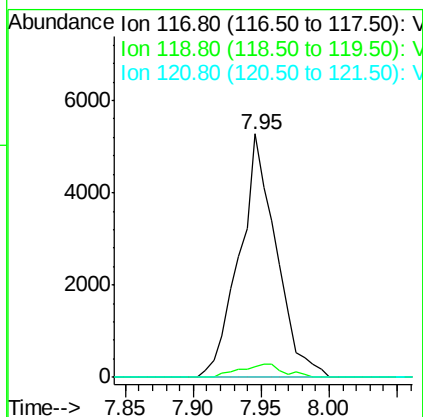
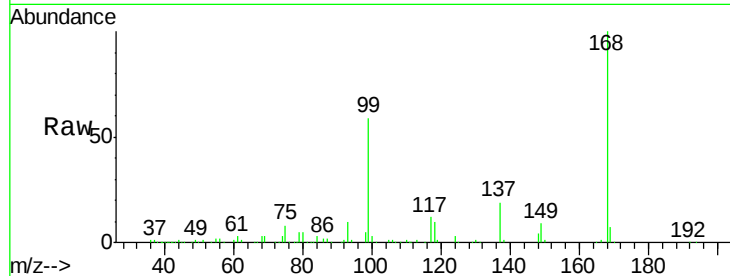




#38
Carbon Tetrachloride
Concen: 6.150 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008225.D
Acq: 12 Jan 2019 07:08

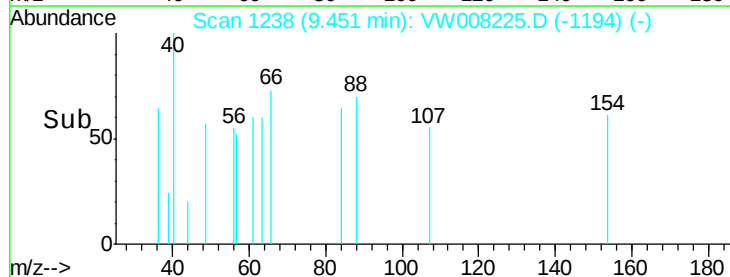
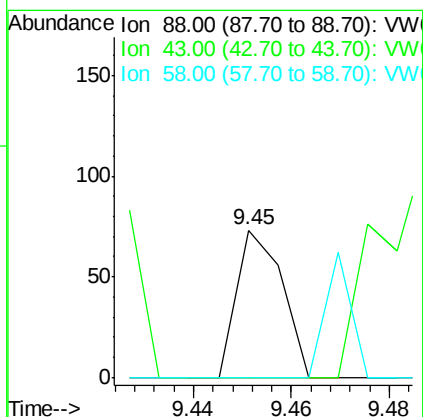
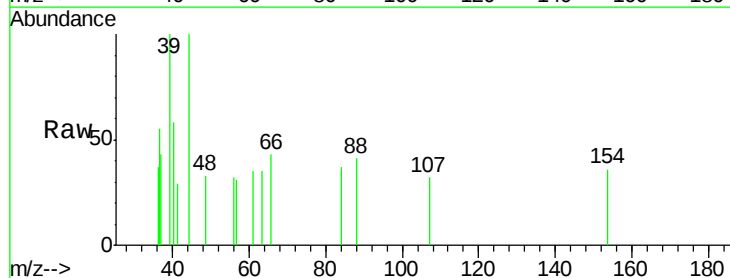
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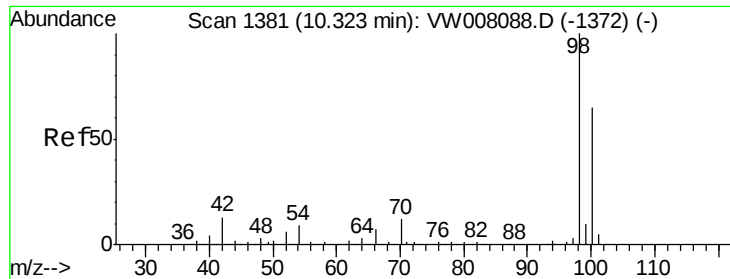
Tgt Ion:117 Resp: 9968
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 23.7 35.5#



#49
1,4-Dioxane
Concen: 4.997 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VW008225.D
Acq: 12 Jan 2019 07:08

Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 61.7 92.5#





#50

Toluene-d8

Concen: 49.938 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008225.D

Acq: 12 Jan 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

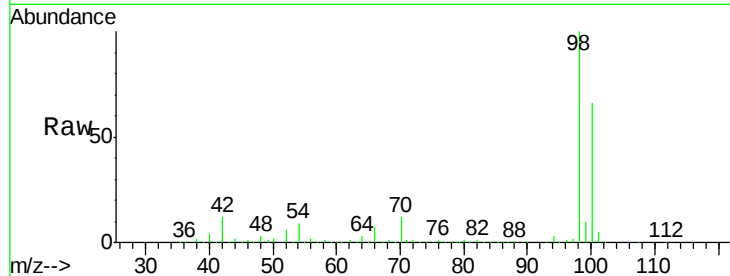
FENCE-SOIL-PILE-1RE

Tgt Ion: 98 Resp: 210114

Ion Ratio Lower Upper

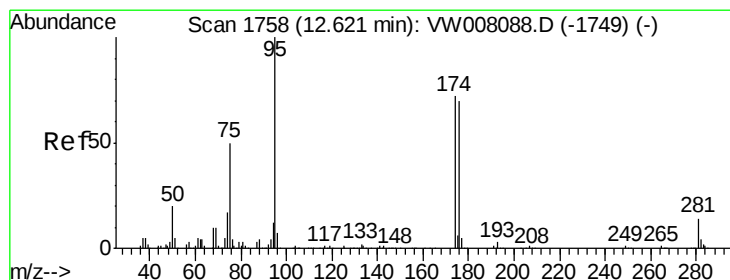
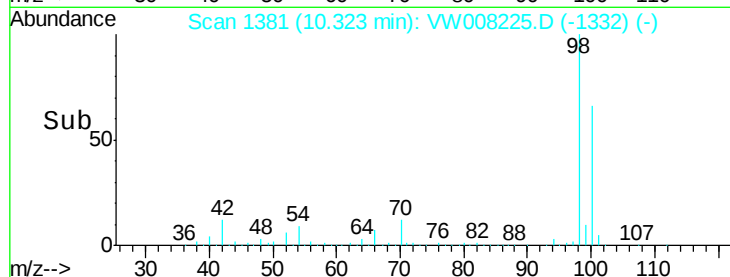
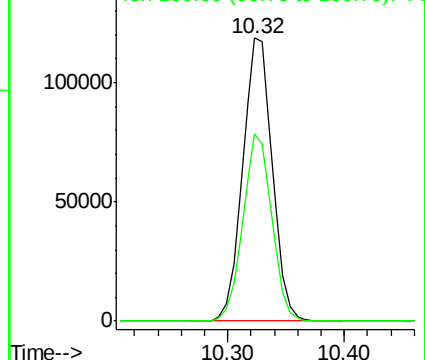
98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.733 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008225.D

Acq: 12 Jan 2019 07:08

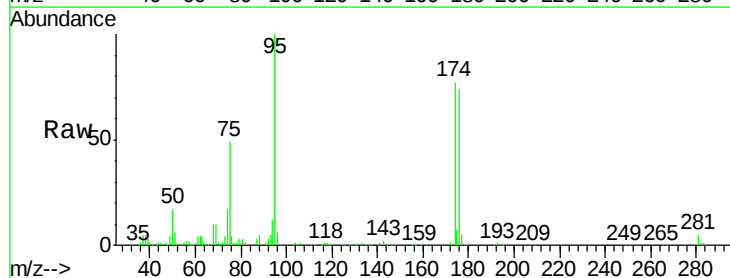
Tgt Ion: 95 Resp: 64458

Ion Ratio Lower Upper

95 100

174 77.3 0.0 143.0

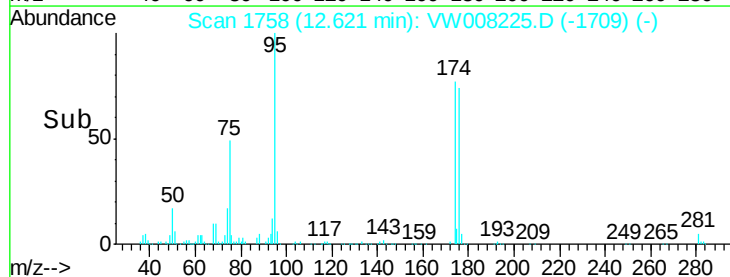
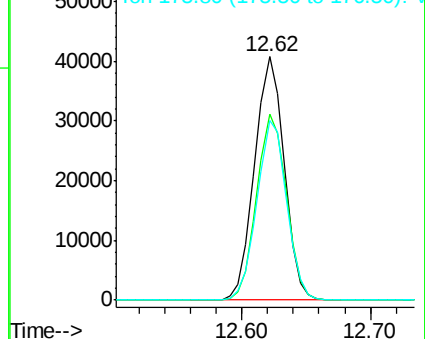
176 74.0 0.0 140.2

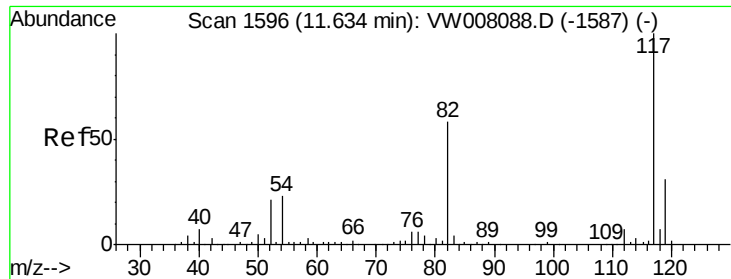


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

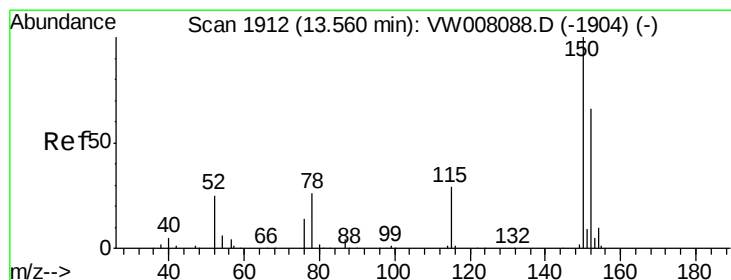
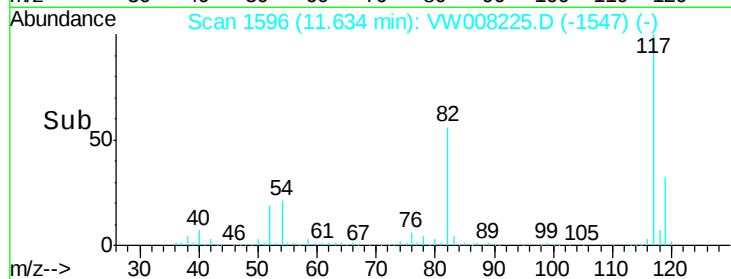
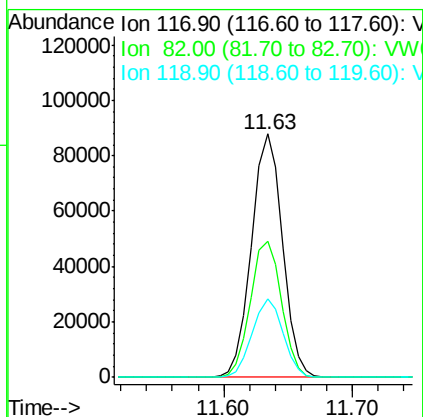
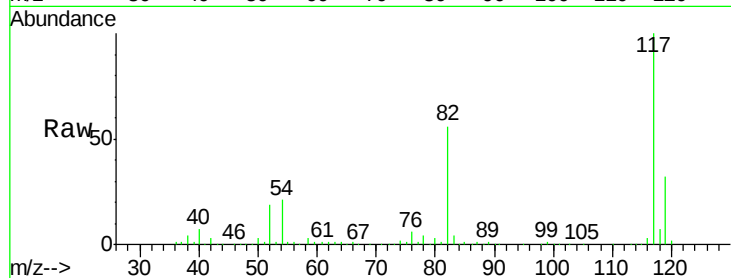




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008225.D
Acq: 12 Jan 2019 07:08

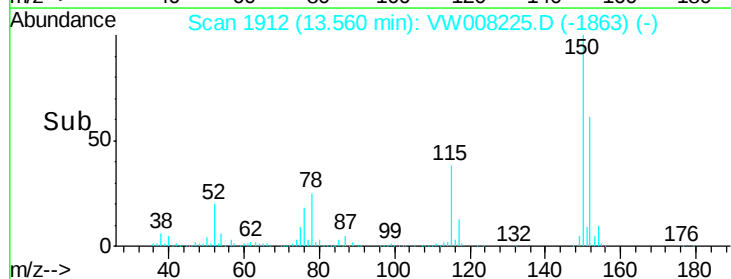
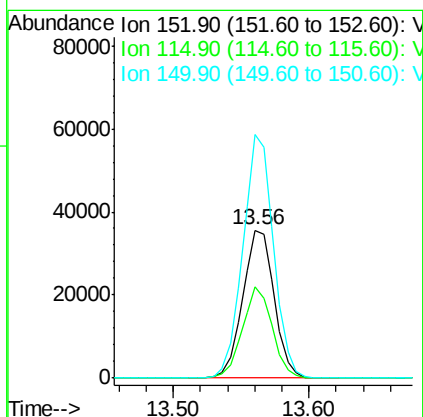
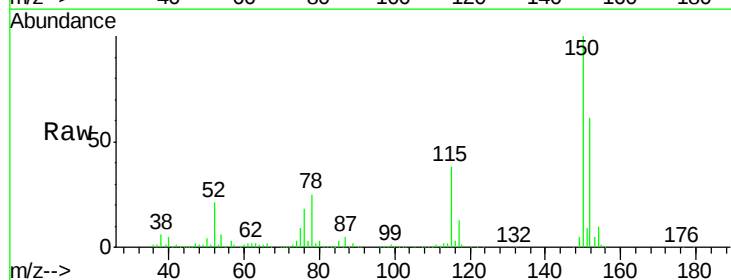
Instrument :
MSVOA_W
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FENCE-SOIL-PILE-1RE

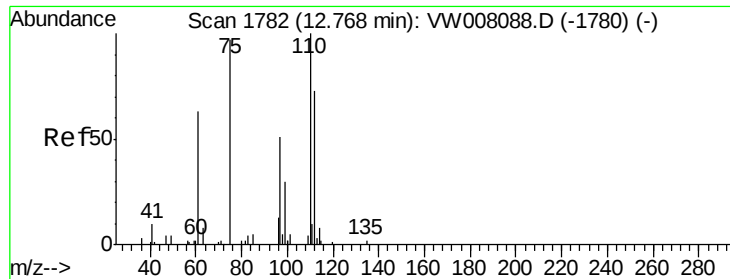
Tgt Ion:117 Resp: 145567
Ion Ratio Lower Upper
117 100
82 56.1 46.4 69.6
119 32.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008225.D
Acq: 12 Jan 2019 07:08

Tgt Ion:152 Resp: 57560
Ion Ratio Lower Upper
152 100
115 58.6 30.8 92.4
150 159.7 0.0 350.2

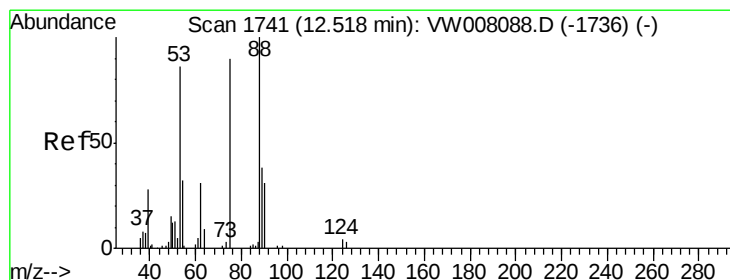
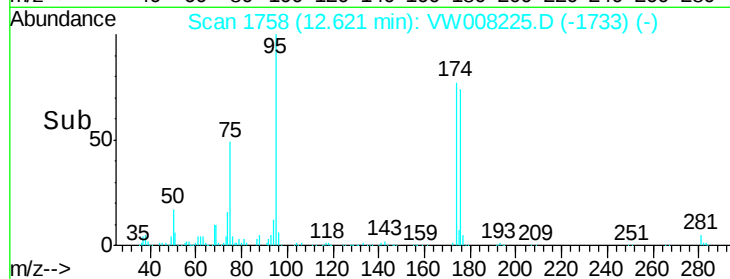
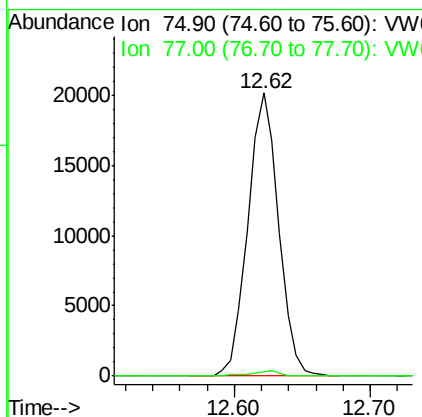
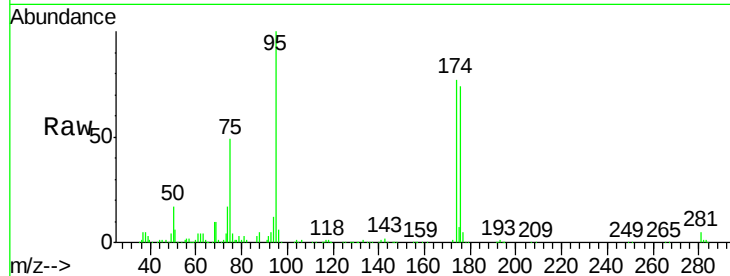




#76
 1,2,3-Trichloropropane
 Concen: 60.714 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008225.D
 Acq: 12 Jan 2019 07:08

Instrument :
 MSVOA_W
 ClientSampleId :
 FENCE-SOIL-PILE-1RE

Tgt Ion: 75 Resp: 31858
 Ion Ratio Lower Upper
 75 100
 77 1.7 179.4 538.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.385 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008225.D
 Acq: 12 Jan 2019 07:08

Tgt Ion: 75 Resp: 31858
 Ion Ratio Lower Upper
 75 100
 53 0.4 78.8 118.2#
 89 0.2 35.4 53.2#

