

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110518\
 Data File : VW006644.D
 Acq On : 05 Nov 2018 18:41
 Operator : SY/AP
 Sample : J5724-01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)RE

Quant Time: Nov 06 01:58:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

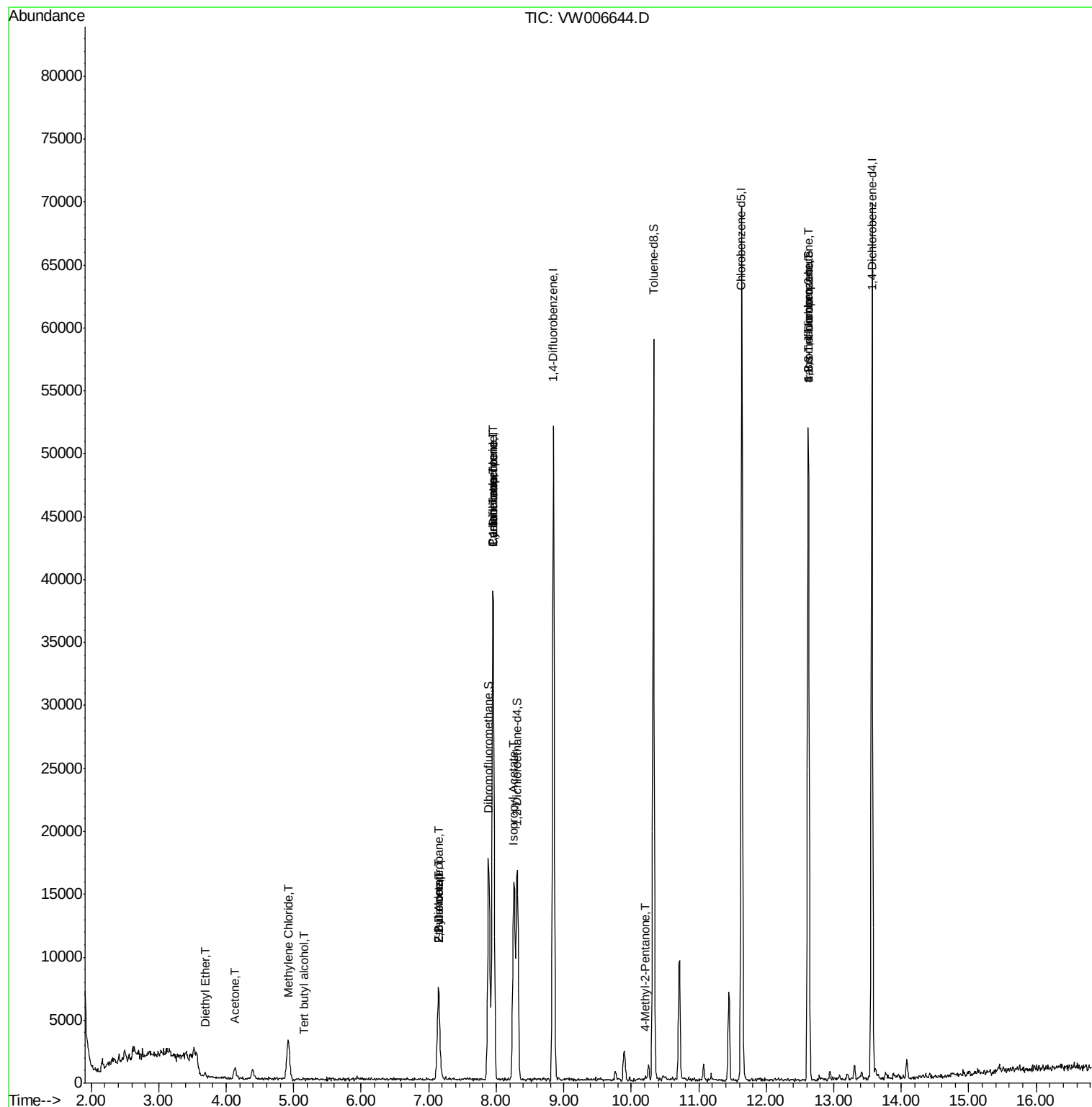
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	33977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	46382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	19917	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13516	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
35) Dibromofluoromethane	7.88	113	13294	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	10.33	98	40085	36.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.34%	
62) 4-Bromofluorobenzene	12.62	95	13411	33.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.76%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.70	74	153	1.042	ug/l	96
11) Tert butyl alcohol	5.17	59	40	2.542	ug/l #	84
16) Acetone	4.13	43	1545	32.765	ug/l	91
20) Methylene Chloride	4.93	84	2777	3.537	ug/l #	77
25) 2-Butanone	7.15	43	294	4.369	ug/l #	46
26) 2,2-Dichloropropane	7.14	77	564	1.832	ug/l #	49
31) Cyclohexane	7.95	56	539	1.159	ug/l #	46
36) 1,1-Dichloropropene	7.95	75	2138	5.242	ug/l #	47
37) Ethyl Acetate	7.15	43	294	2.080	ug/l #	1
38) Carbon Tetrachloride	7.95	117	2836	6.654	ug/l #	17
43) Isopropyl Acetate	8.25	43	430	1.524	ug/l #	39
51) 4-Methyl-2-Pentanone	10.21	43	207	1.429	ug/l #	34
76) 1,2,3-Trichloropropane	12.63	75	6860	44.145	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	6860	110.899	ug/l #	11

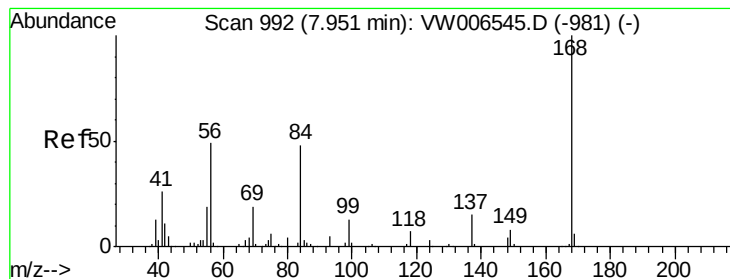
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

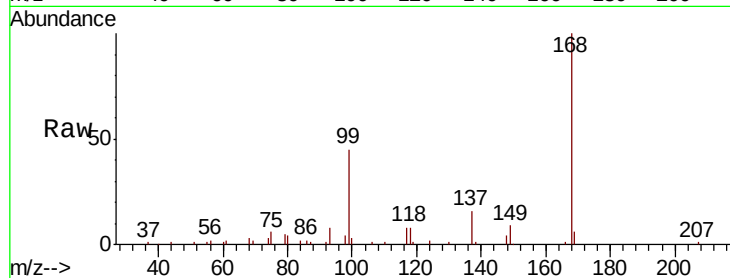
DARK-SOIL(NEAR-BERM)RE

Tgt Ion:168 Resp: 33977

Ion Ratio Lower Upper

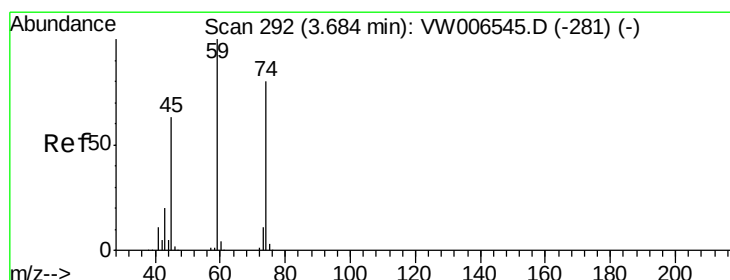
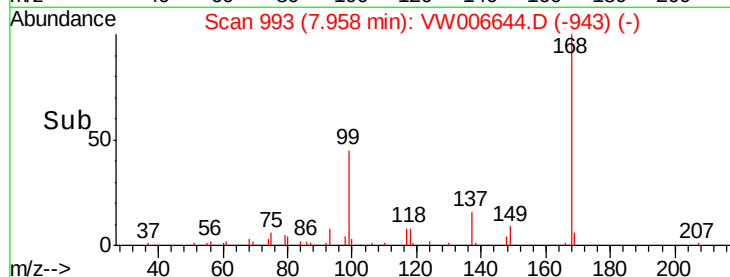
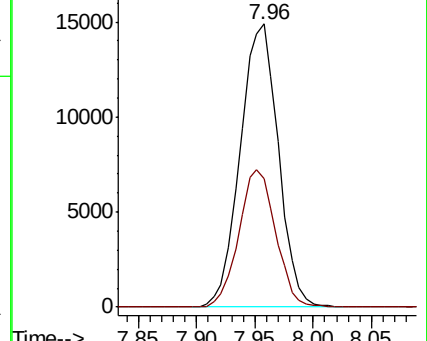
168 100

99 45.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.042 ug/l

RT: 3.70 min Scan# 294

Delta R.T. 0.01 min

Lab File: VW006644.D

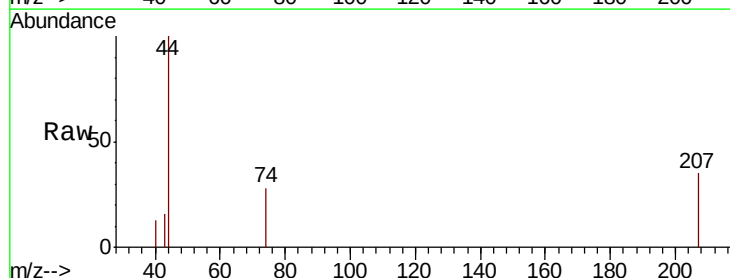
Acq: 05 Nov 2018 18:41

Tgt Ion: 74 Resp: 153

Ion Ratio Lower Upper

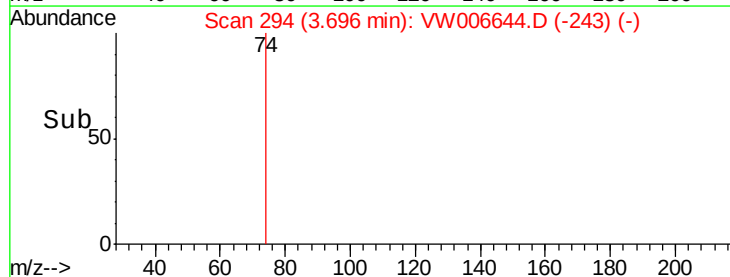
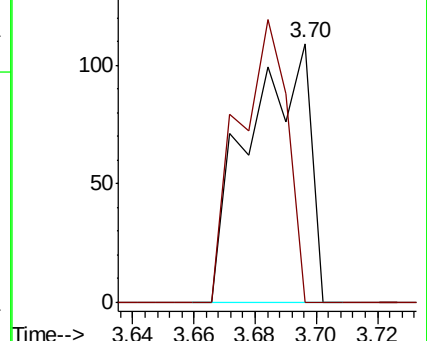
74 100

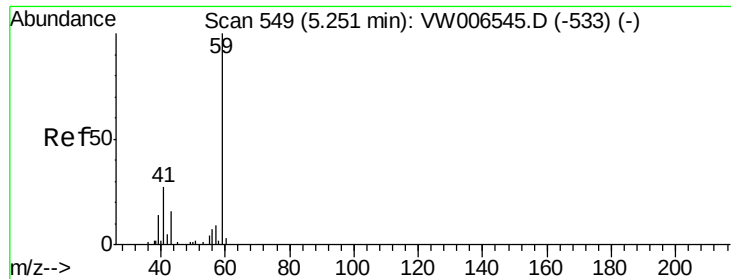
45 85.6 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

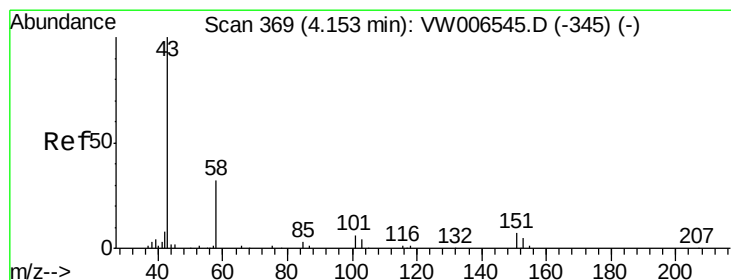
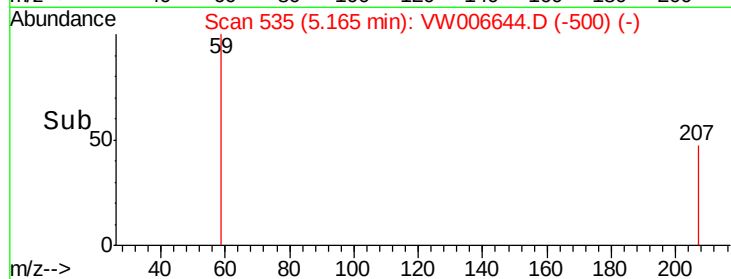
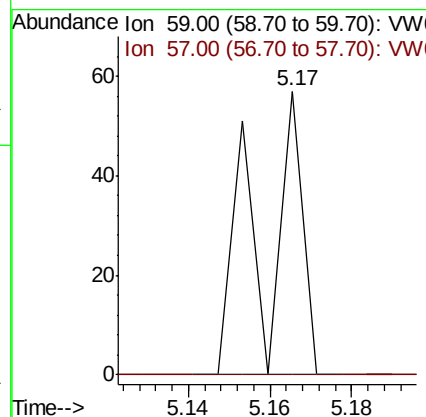
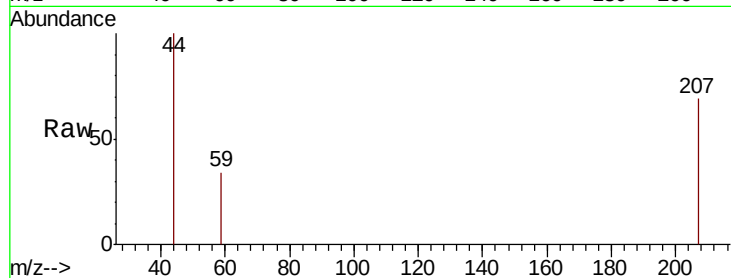




#11
Tert butyl alcohol
Concen: 2.542 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.09 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

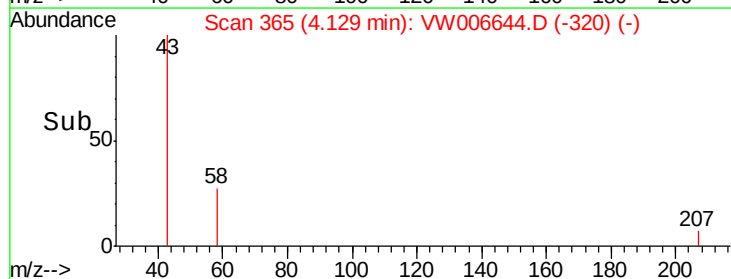
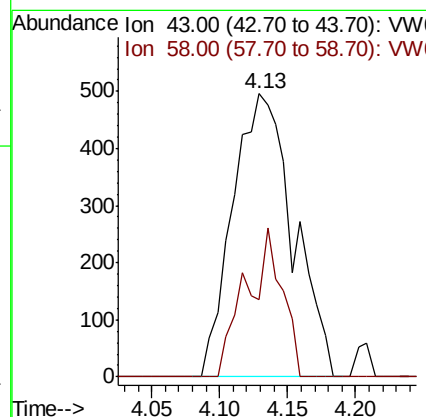
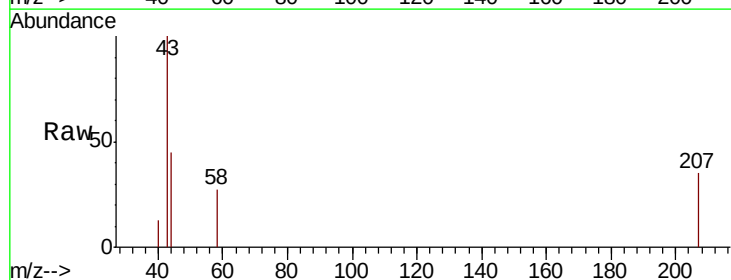
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DARK-SOIL(NEAR-BERM)RE

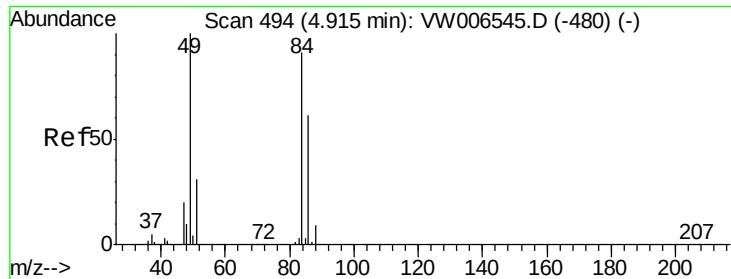
Tgt Ion: 59 Resp: 40
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#16
Acetone
Concen: 32.765 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.02 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

Tgt Ion: 43 Resp: 1545
Ion Ratio Lower Upper
43 100
58 27.4 25.8 38.8

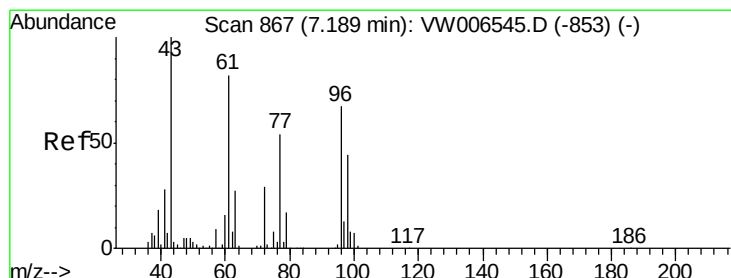
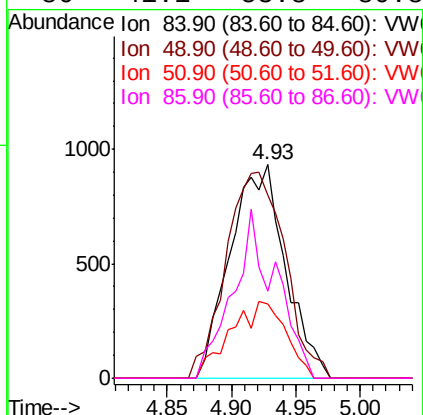
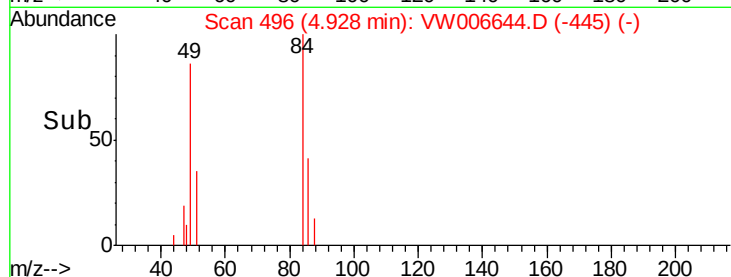
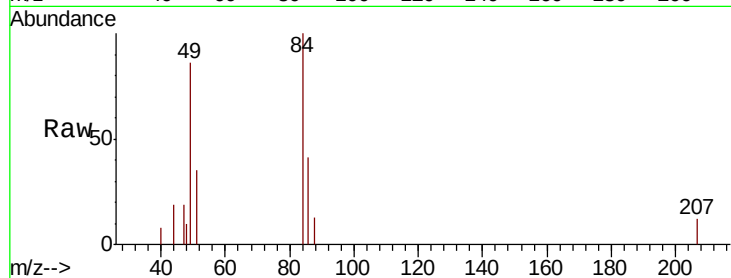




#20
Methylene Chloride
Concen: 3.537 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

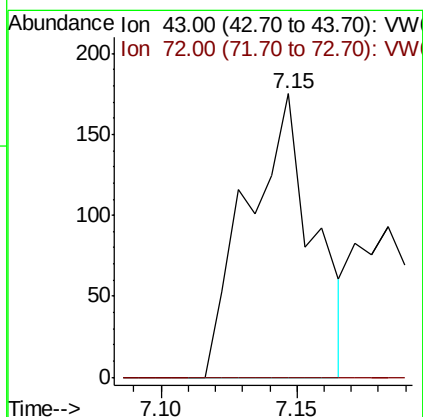
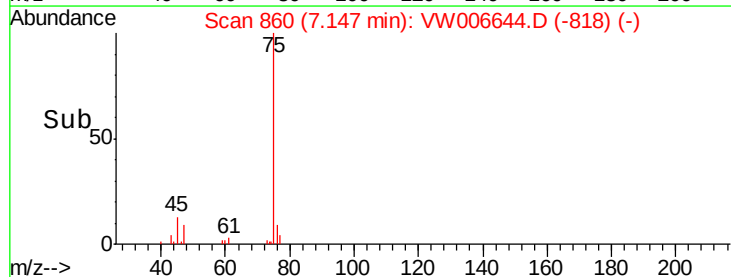
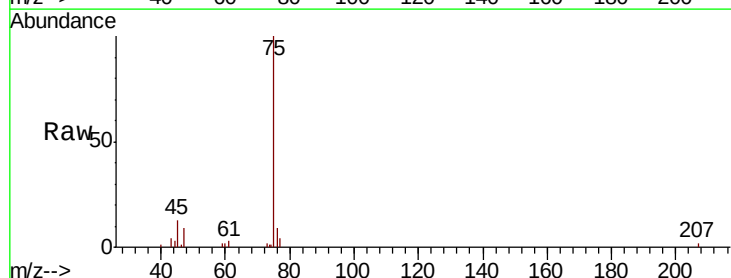
Instrument :
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ClientSampleId :
DARK-SOIL(NEAR-BERM)RE

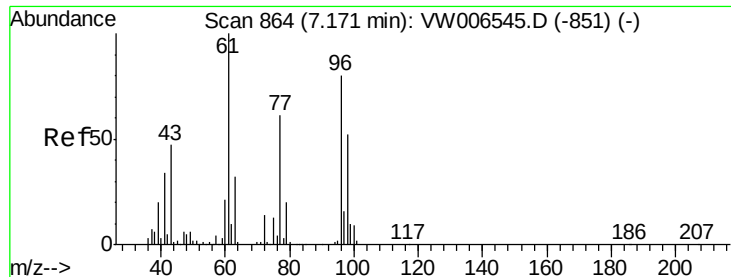
Tgt Ion: 84 Resp: 2777
Ion Ratio Lower Upper
84 100
49 85.9 88.2 132.4#
51 34.6 27.0 40.6
86 41.1 53.8 80.8#



#25
2-Butanone
Concen: 4.369 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
72 0.0 23.2 34.8#

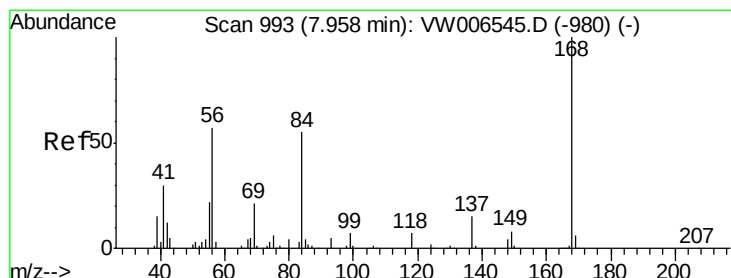
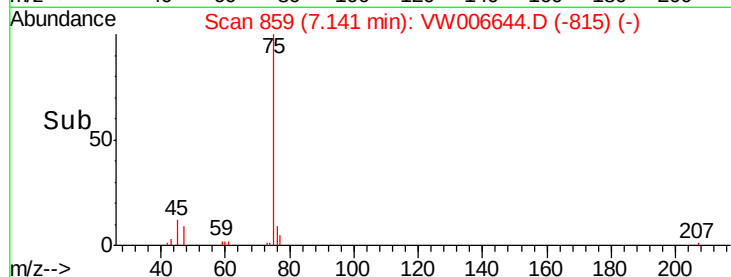
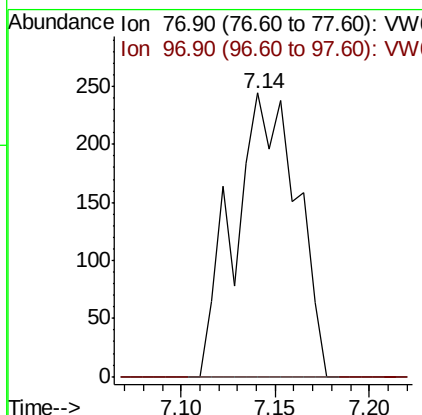
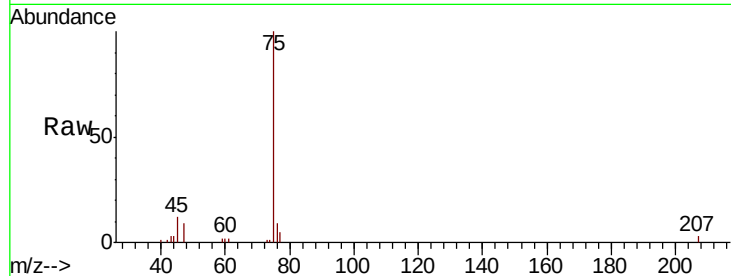




#26
2,2-Dichloropropane
Concen: 1.832 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

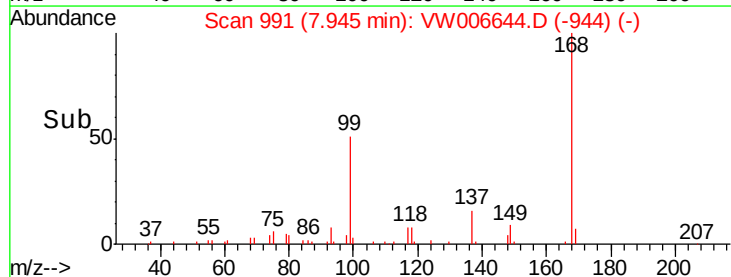
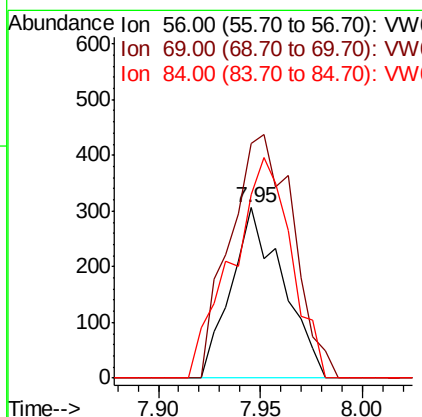
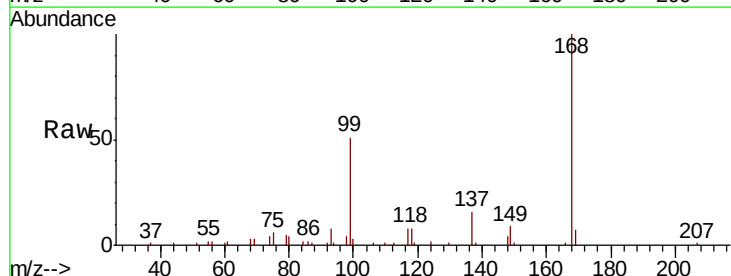
Instrument :
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ClientSampleId :
DARK-SOIL(NEAR-BERM)RE

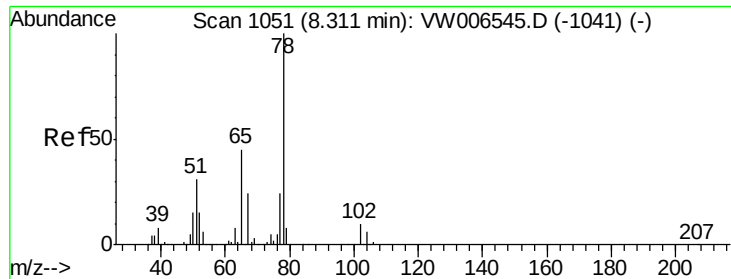
Tgt Ion: 77 Resp: 564
Ion Ratio Lower Upper
77 100
97 0.0 12.8 38.4#



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

Tgt Ion: 56 Resp: 539
Ion Ratio Lower Upper
56 100
69 137.9 29.0 43.4#
84 107.5 77.8 116.6

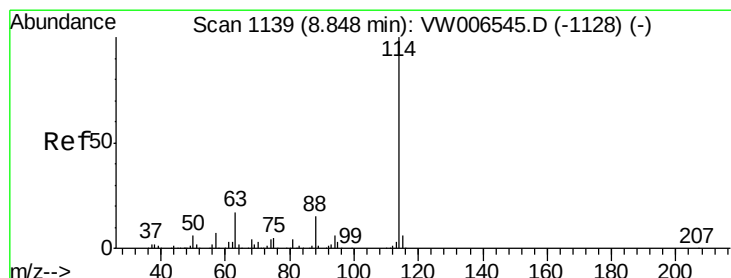
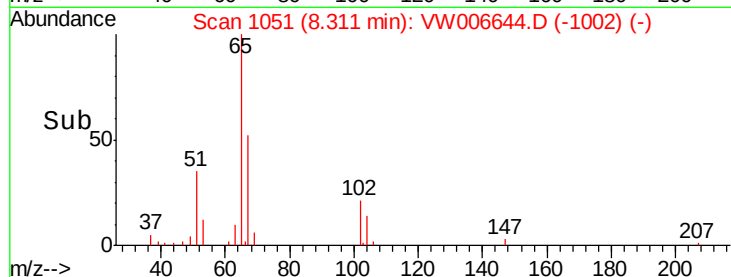
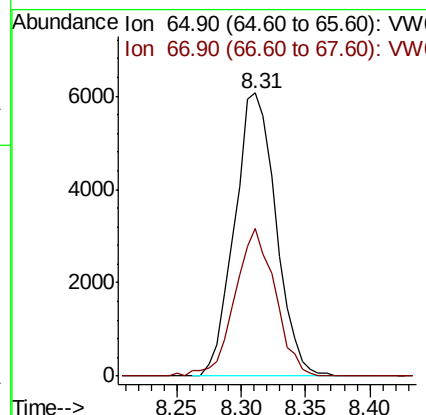
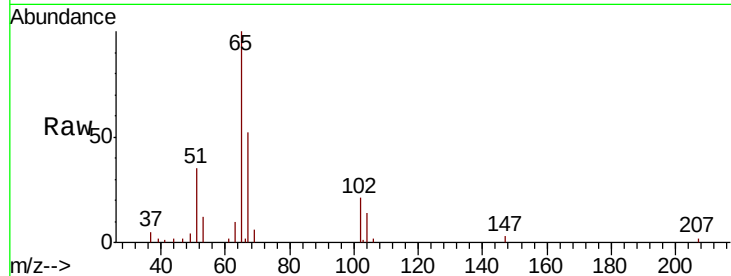




#33
 1,2-Dichloroethane-d4
 Concen: 46.277 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

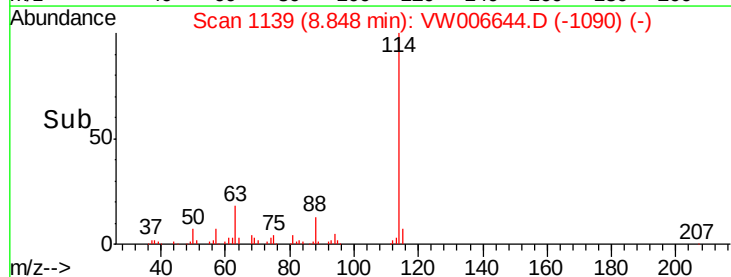
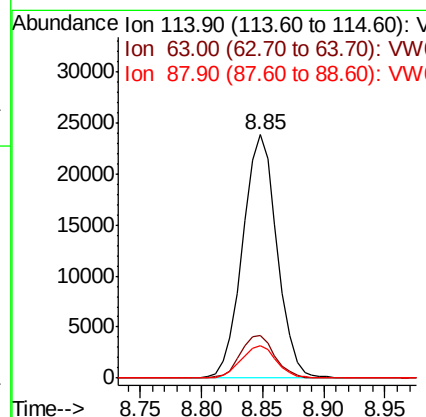
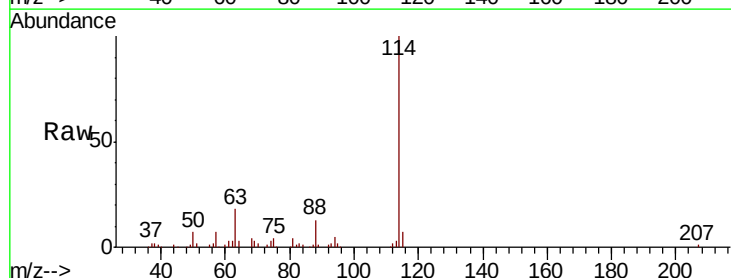
Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)RE

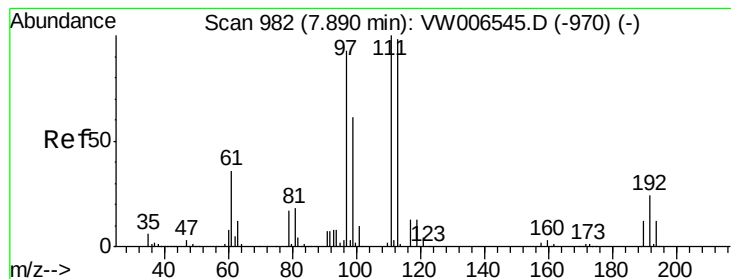
Tgt Ion: 65 Resp: 13516
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

Tgt Ion: 114 Resp: 46382
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.4
 88 13.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 45.671 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

DARK-SOIL(NEAR-BERM)RE

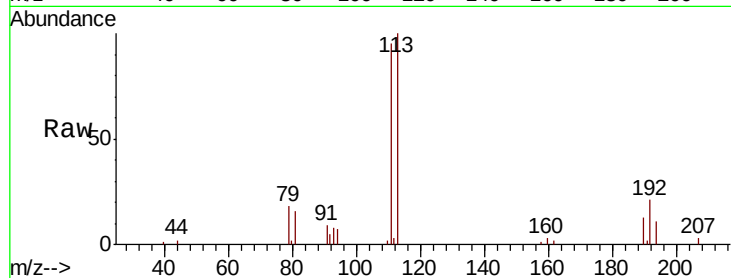
Tgt Ion:113 Resp: 13294

Ion Ratio Lower Upper

113 100

111 99.4 82.2 123.2

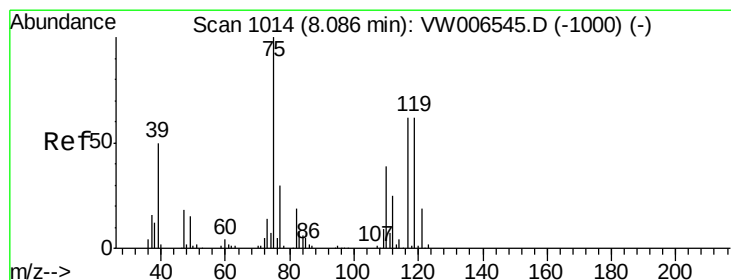
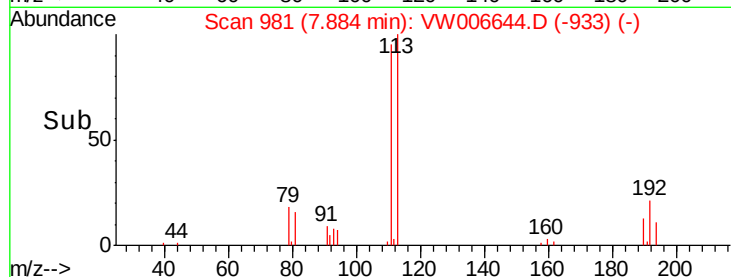
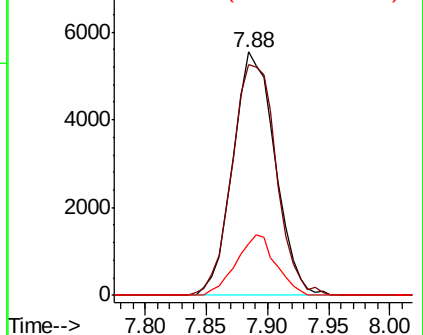
192 23.2 19.0 28.6



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: 5.242 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

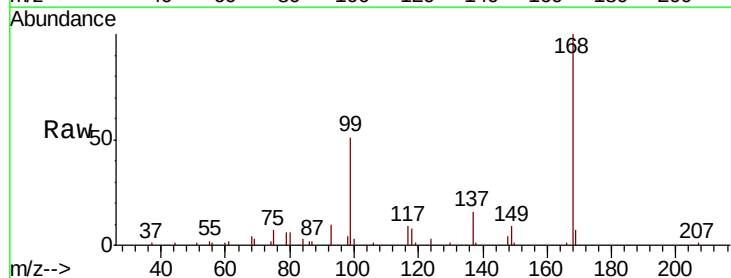
Tgt Ion: 75 Resp: 2138

Ion Ratio Lower Upper

75 100

110 8.1 19.5 58.5#

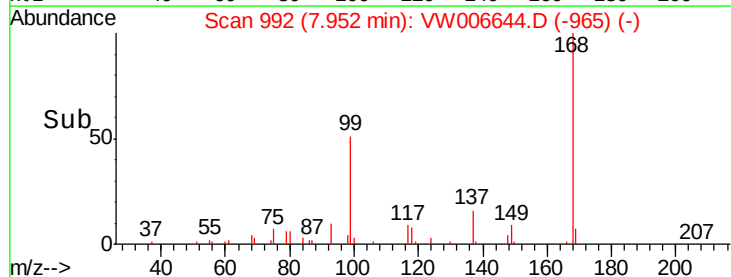
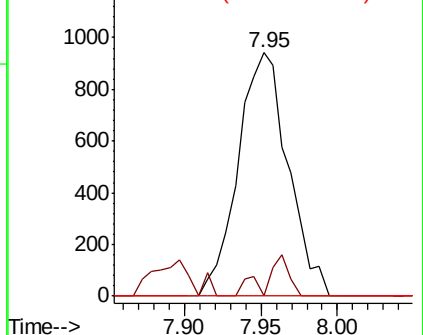
77 0.0 24.6 37.0#

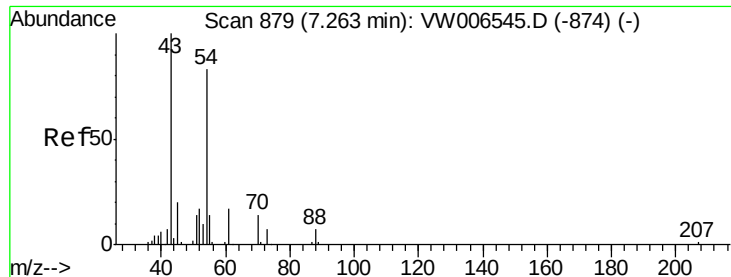


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

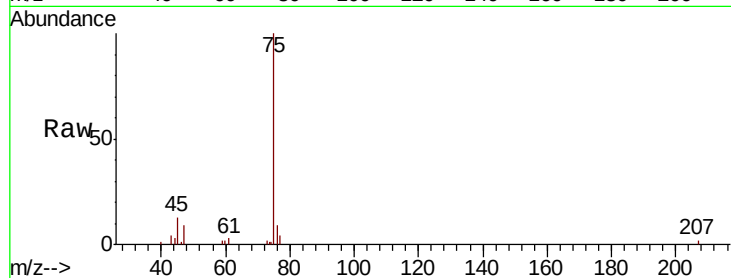




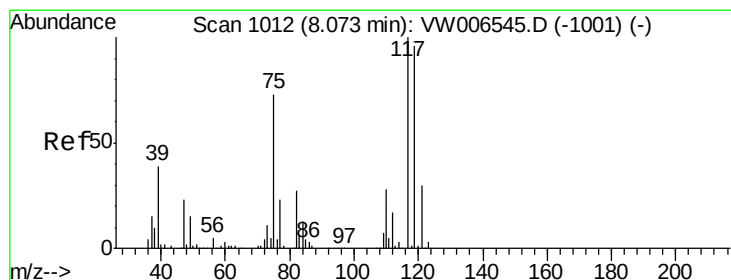
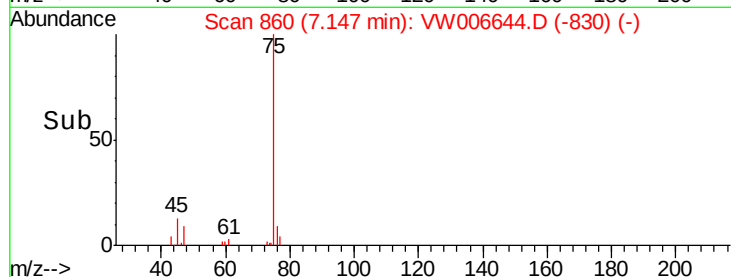
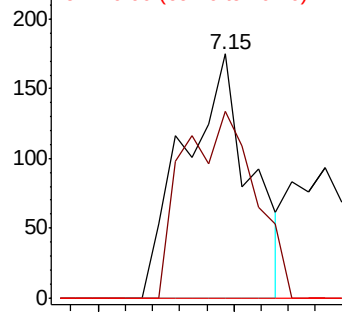
#37
Ethyl Acetate
Concen: 2.080 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.12 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

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Tgt Ion: 43 Resp: 294
Ion Ratio Lower Upper
43 100
61 83.3 12.1 18.1#
70 0.0 9.8 14.6#

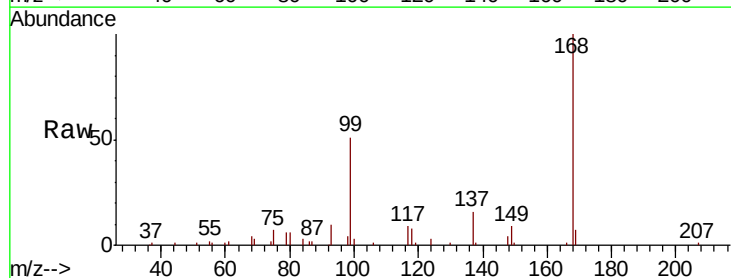


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

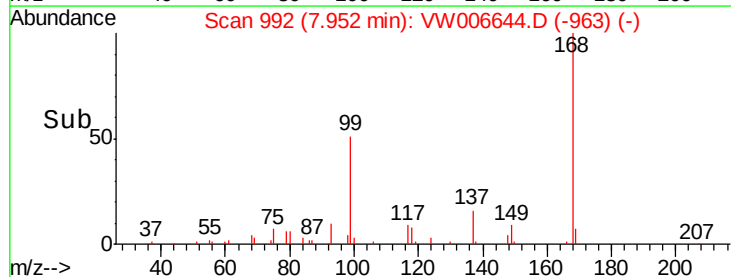
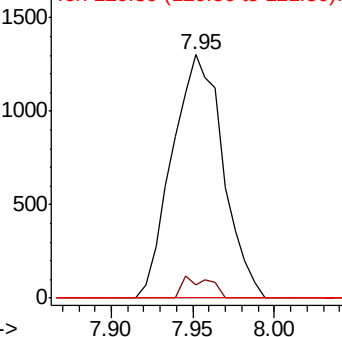


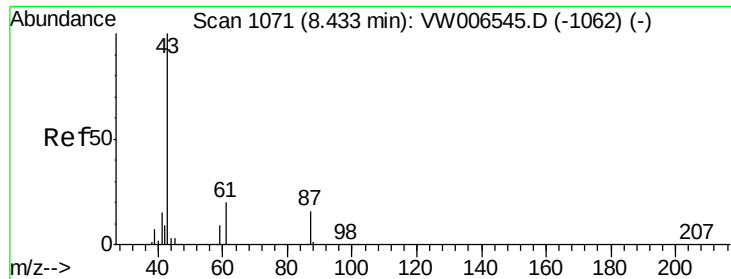
#38
Carbon Tetrachloride
Concen: 6.654 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

Tgt Ion: 117 Resp: 2836
Ion Ratio Lower Upper
117 100
119 5.6 76.3 114.5#
121 0.0 24.1 36.1#



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





#43

Isopropyl Acetate

Concen: 1.524 ug/l

RT: 8.25 min Scan# 1041

Delta R.T. -0.18 min

Lab File: VW006644.D

Acq: 05 Nov 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

DARK-SOIL(NEAR-BERM)RE

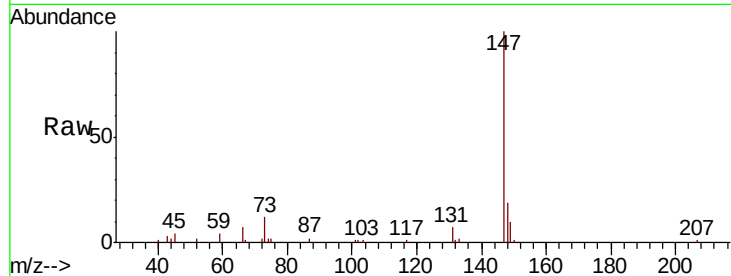
Tgt Ion: 43 Resp: 430

Ion Ratio Lower Upper

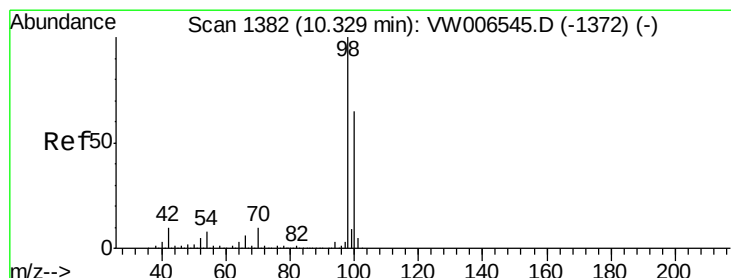
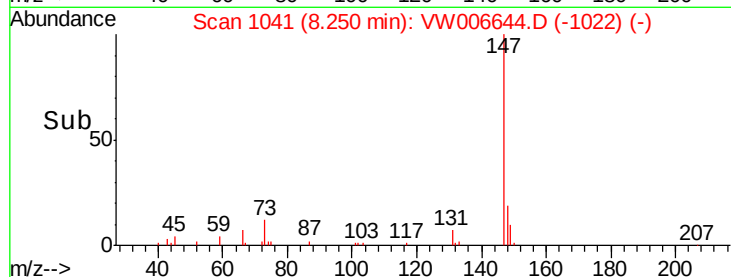
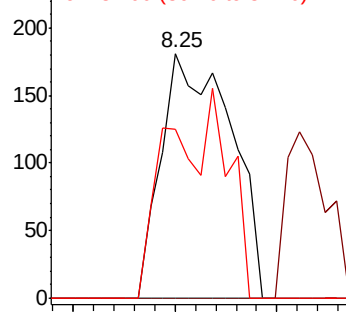
43 100

61 0.0 27.2 40.8#

87 43.7 12.9 19.3#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#50

Toluene-d8

Concen: 36.174 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006644.D

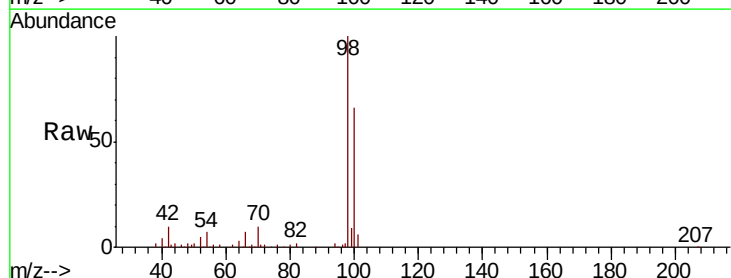
Acq: 05 Nov 2018 18:41

Tgt Ion: 98 Resp: 40085

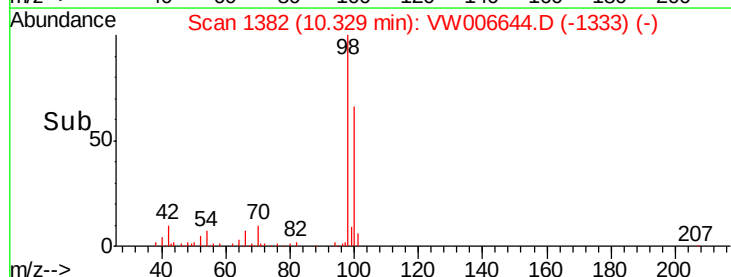
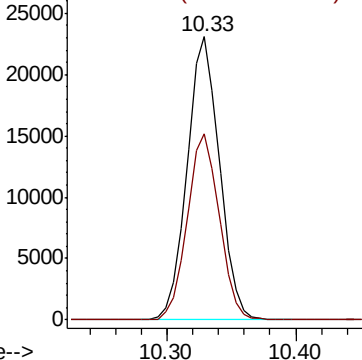
Ion Ratio Lower Upper

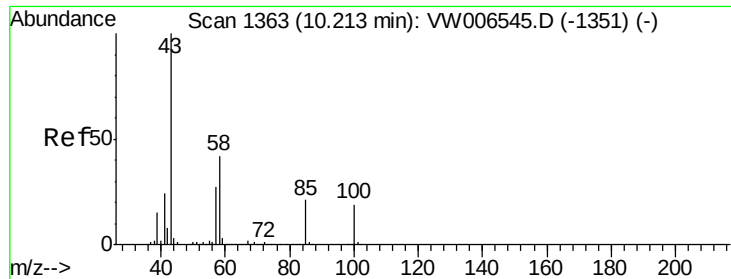
98 100

100 65.4 51.6 77.4



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

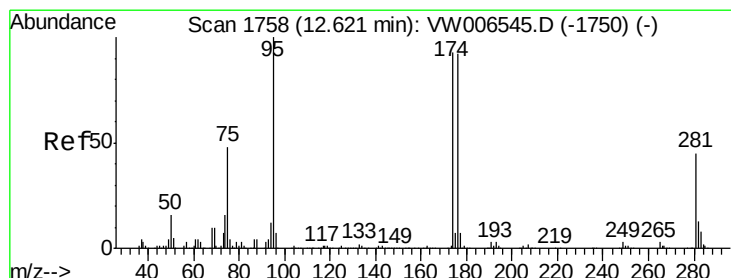
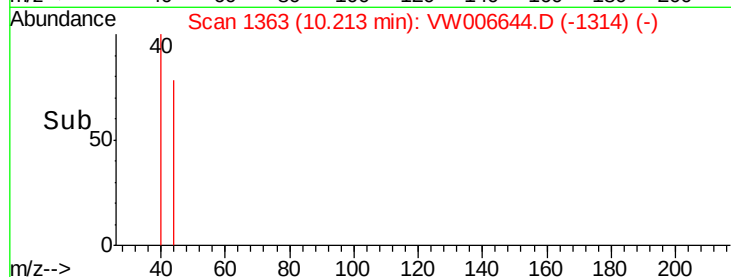
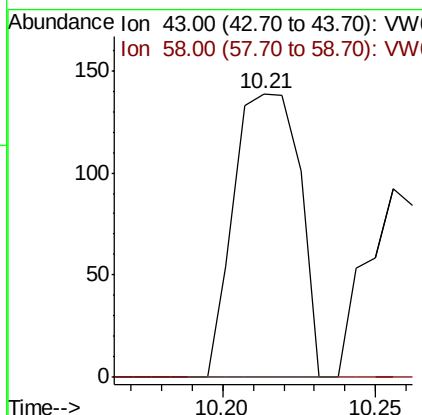
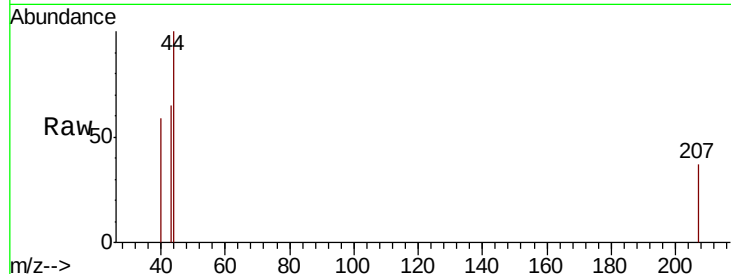




#51
 4-Methyl-2-Pentanone
 Concen: 1.429 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

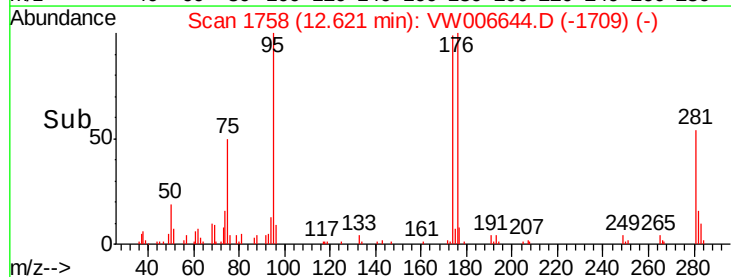
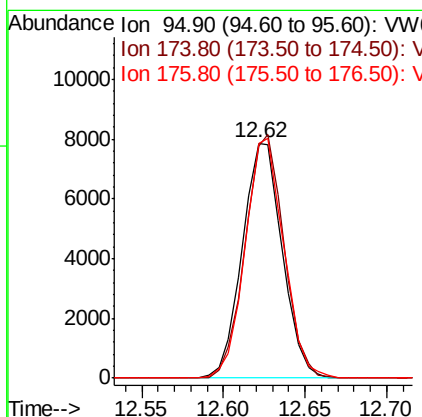
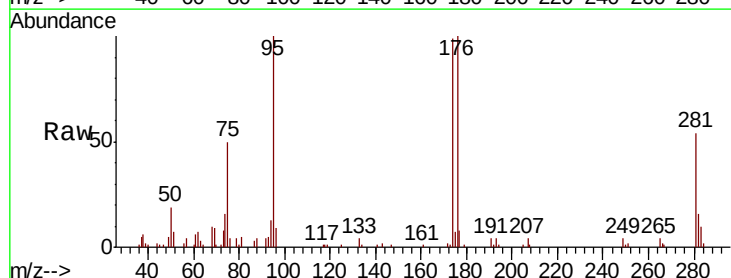
Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)RE

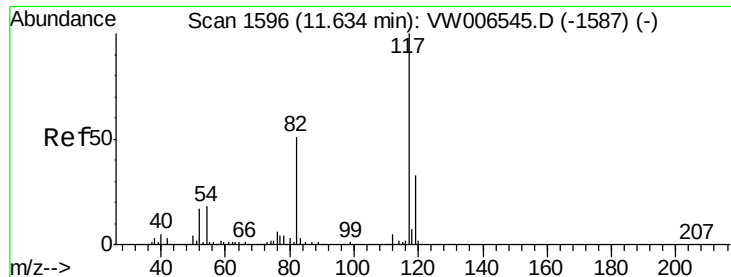
Tgt Ion: 43 Resp: 207
 Ion Ratio Lower Upper
 43 100
 58 0.0 33.4 50.0#



#62
 4-Bromofluorobenzene
 Concen: 33.383 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

Tgt Ion: 95 Resp: 13411
 Ion Ratio Lower Upper
 95 100
 174 100.1 0.0 192.4
 176 98.9 0.0 187.4

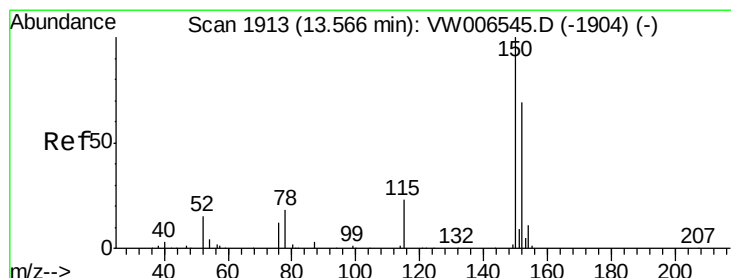
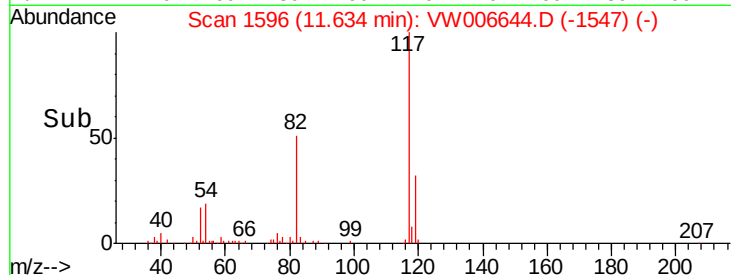
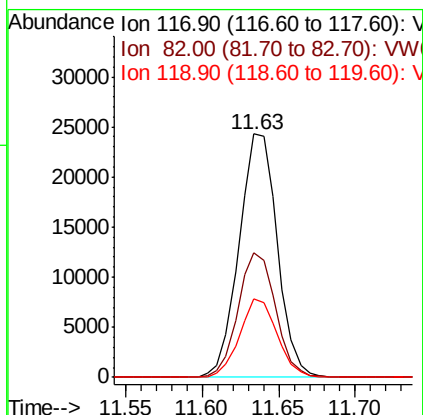
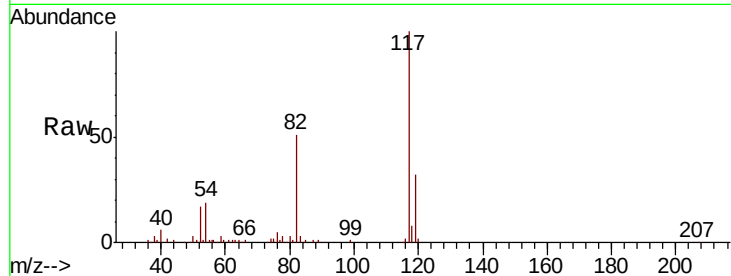




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

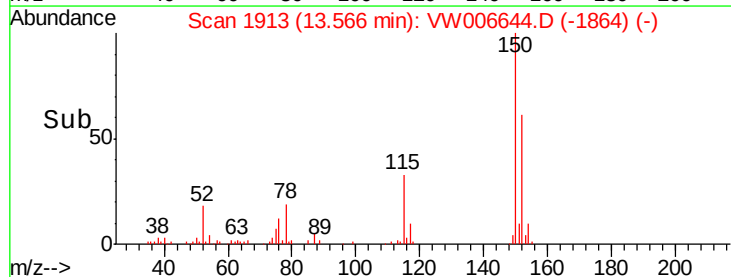
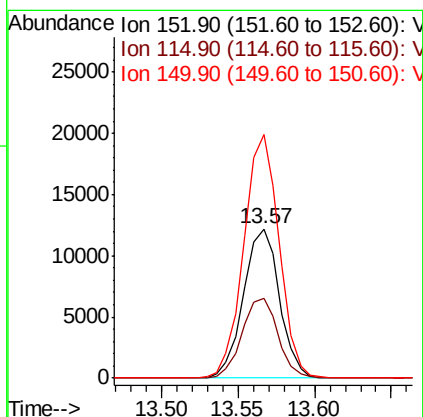
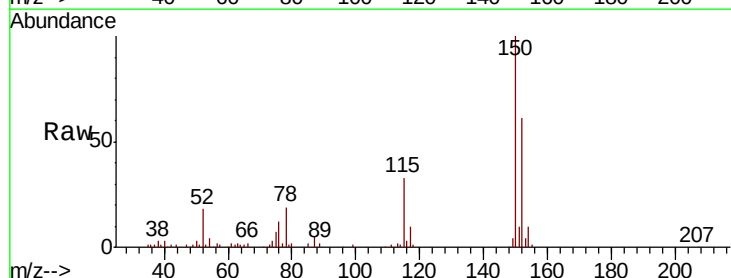
Instrument :
MSVOA_W
ClientSampleId :
DARK-SOIL(NEAR-BERM)RE

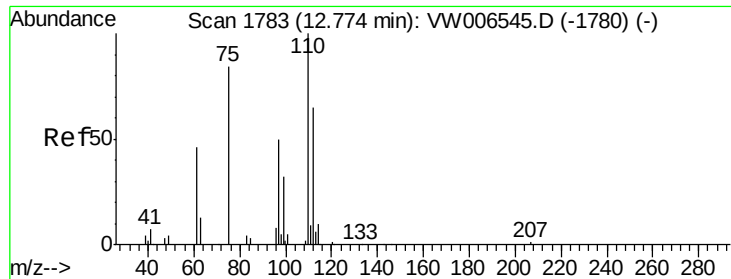
Tgt Ion:117 Resp: 42135
Ion Ratio Lower Upper
117 100
82 51.1 40.8 61.2
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006644.D
Acq: 05 Nov 2018 18:41

Tgt Ion:152 Resp: 19917
Ion Ratio Lower Upper
152 100
115 53.4 26.6 79.8
150 160.2 0.0 344.6

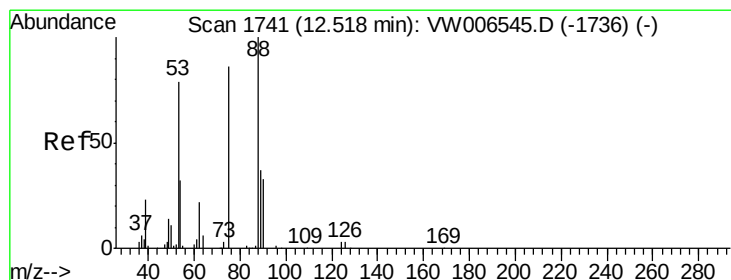
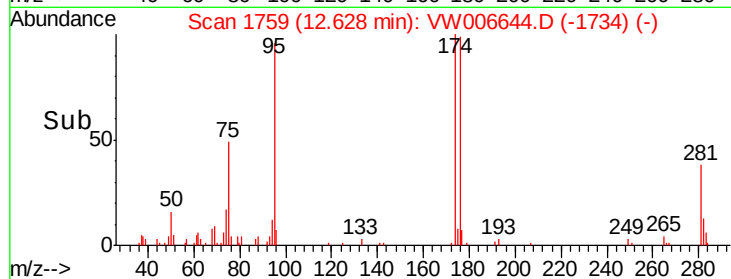
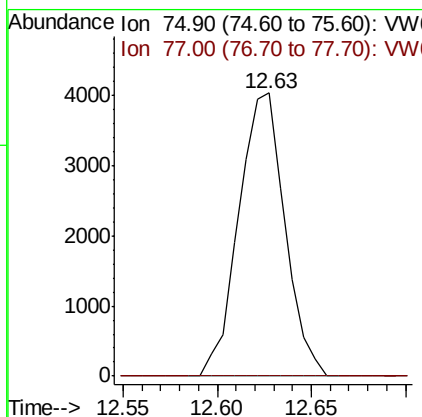
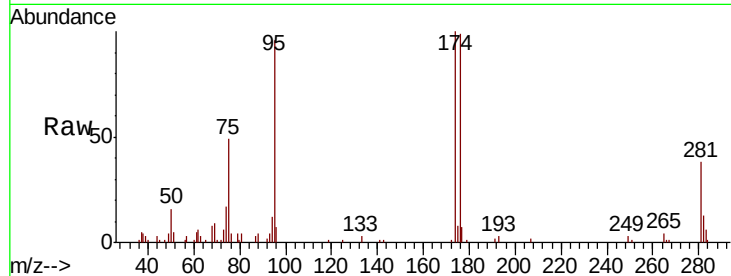




#76
 1,2,3-Trichloropropane
 Concen: 44.145 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.15 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)RE

Tgt Ion: 75 Resp: 6860
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.899 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. 0.11 min
 Lab File: VW006644.D
 Acq: 05 Nov 2018 18:41

Tgt Ion: 75 Resp: 6860
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.2 115.8#
 89 0.0 38.6 58.0#

