

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008226.D
 Acq On : 12 Jan 2019 07:34
 Operator : SY/VA
 Sample : K1118-05RE
 Misc : 4.,60G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TESTPIT-SOIL-1RE

Quant Time: Jan 14 10:44:16 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	7.96	168	5419	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	8160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	2370	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	3155	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
35) Dibromofluoromethane	7.89	113	3065	64.40	ug/l	0.00
Spiked Amount			Recovery	=	128.80%	
50) Toluene-d8	10.33	98	10341	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.62	95	3238	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	65	1.470	ug/l #	42
3) Chloromethane	2.23	50	79	1.377	ug/l #	72
6) Chloroethane	2.98	64	64	1.136	ug/l #	49
11) Tert butyl alcohol	5.26	59	25	Below Cal	#	100
13) Acrolein	3.91	56	48	10.404	ug/l #	14
14) Allyl chloride	4.68	41	255	2.367	ug/l #	53
15) Acrylonitrile	5.37	53	72	5.495	ug/l #	65
16) Acetone	4.13	43	1445	121.086	ug/l #	66
18) Methyl Acetate	4.67	43	464	12.054	ug/l #	73
20) Methylene Chloride	4.90	84	413	2.300	ug/l #	58
23) Vinyl Acetate	6.28	43	135	1.251	ug/l #	74
25) 2-Butanone	7.18	43	121	7.140	ug/l #	49
27) cis-1,2-Dichloroethene	7.24	96	80	1.137	ug/l	36
28) Bromochloromethane	7.53	49	71	1.499	ug/l #	18
29) Tetrahydrofuran	7.53	42	248	21.909	ug/l #	48
31) Cyclohexane	7.96	56	141	1.100	ug/l #	23
37) Ethyl Acetate	7.24	43	179	5.315	ug/l #	80
41) Methacrylonitrile	7.49	41	184	8.650	ug/l #	28
48) Methyl methacrylate	9.46	41	37	1.165	ug/l #	1
49) 1,4-Dioxane	9.45	88	29	64.954	ug/l #	11
51) 4-Methyl-2-Pentanone	10.21	43	179	5.492	ug/l	94
52) Toluene	10.40	92	452	3.104	ug/l	88
56) Ethyl methacrylate	10.68	69	90	1.864	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.66	63	78	3.128	ug/l	97
59) 2-Hexanone	10.90	43	93	4.220	ug/l	68
71) Bromoform	12.51	173	27	1.155	ug/l #	8
74) N-amyl acetate	12.27	43	65	1.577	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.72	83	47	1.578	ug/l #	59
76) 1,2,3-Trichloropropane	12.87	75	47	2.175	ug/l #	1
77) Bromobenzene	12.66	156	44	1.119	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	1554	167.497	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.26	105	200	1.268	ug/l	70
92) 1,2-Dibromo-3-Chloropropan	14.51	75	65	13.561	ug/l #	6

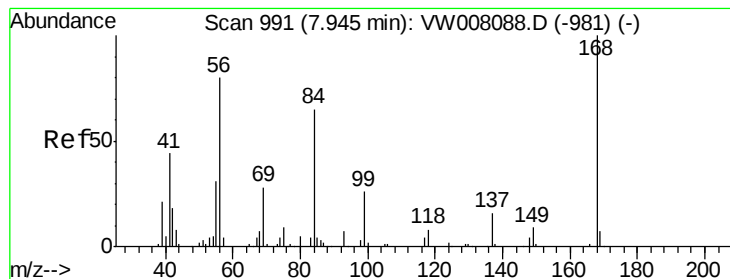
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011119\
Data File : VW008226.D
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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

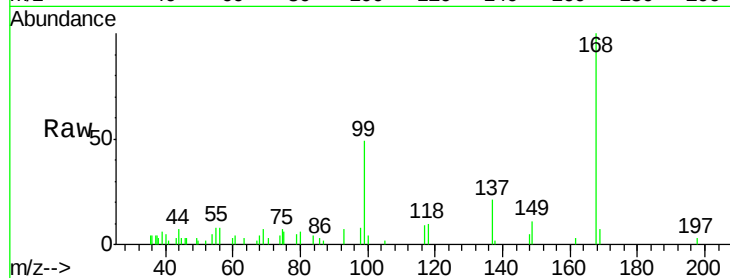
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

Tot Ion:168 Resp: 5419

Ion Ratio Lower Upper

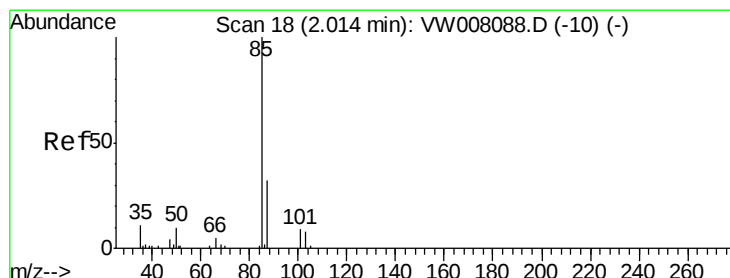
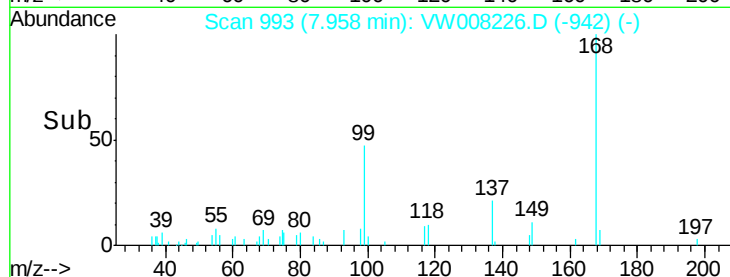
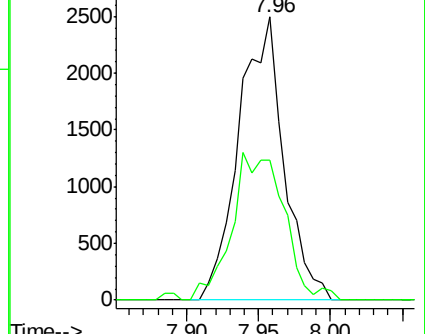
168 100

99 49.3 52.6 78.8#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 1.470 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008226.D

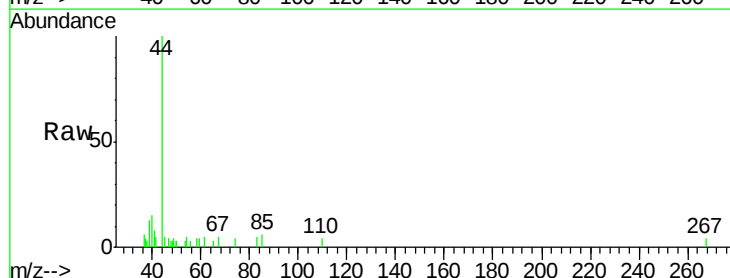
Acq: 12 Jan 2019 07:34

Tgt Ion: 85 Resp: 65

Ion Ratio Lower Upper

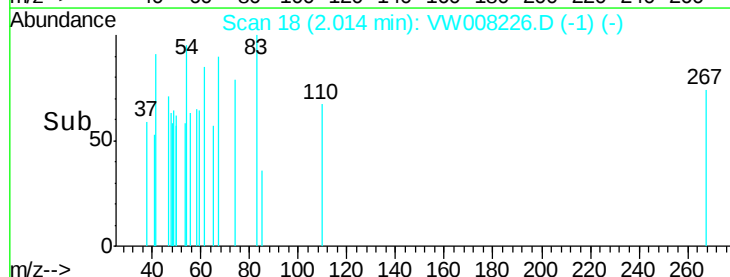
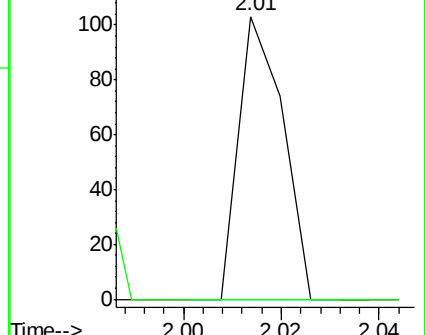
85 100

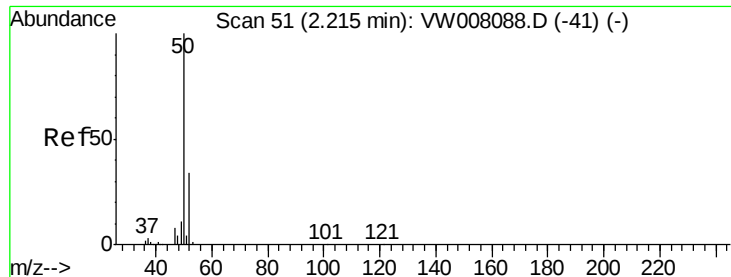
87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 1.377 ug/l

RT: 2.23 min Scan# 54

Delta R.T. 0.02 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

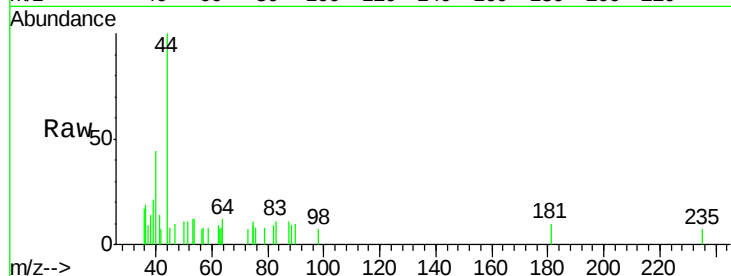
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

Tot Ion: 50 Resp: 79

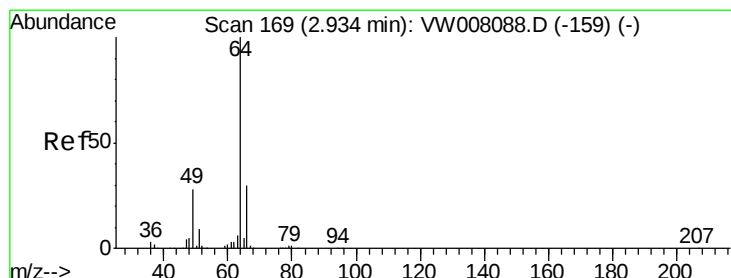
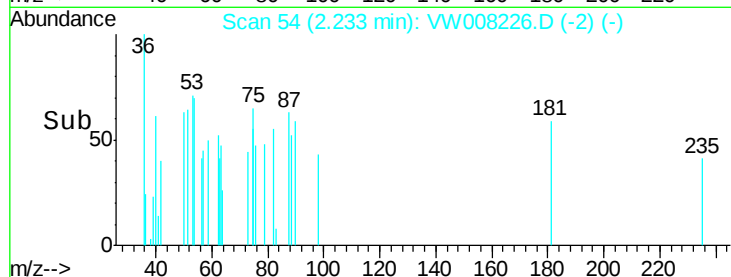
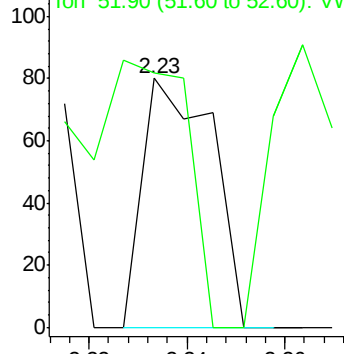
Ion Ratio Lower Upper

50 100

52 17.5 26.8 40.2#



Abundance Ion 49.90 (49.60 to 50.60): VW
Ion 51.90 (51.60 to 52.60): VW



#6

Chloroethane

Concen: 1.136 ug/l

RT: 2.98 min Scan# 176

Delta R.T. 0.04 min

Lab File: VW008226.D

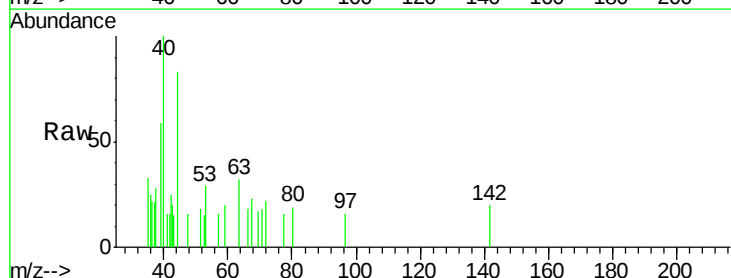
Acq: 12 Jan 2019 07:34

Tgt Ion: 64 Resp: 64

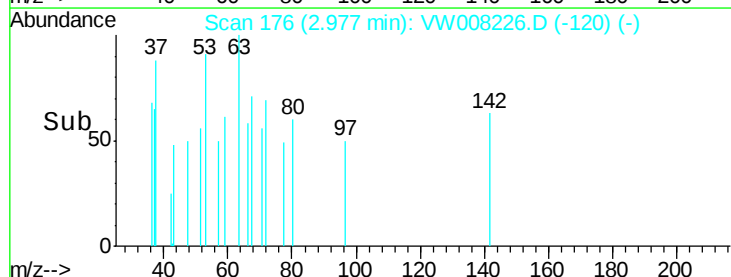
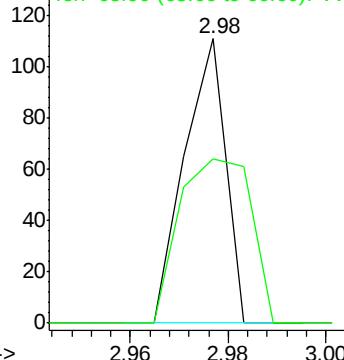
Ion Ratio Lower Upper

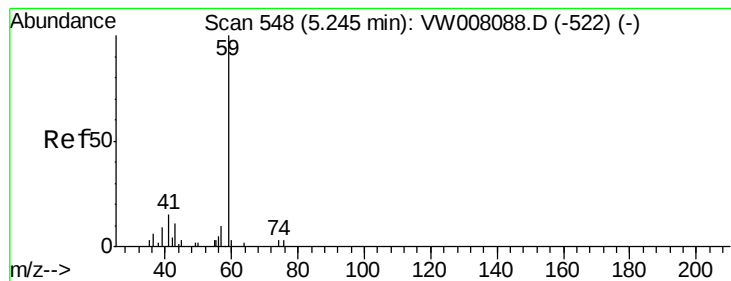
64 100

66 57.7 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VW
Ion 65.90 (65.60 to 66.60): VW



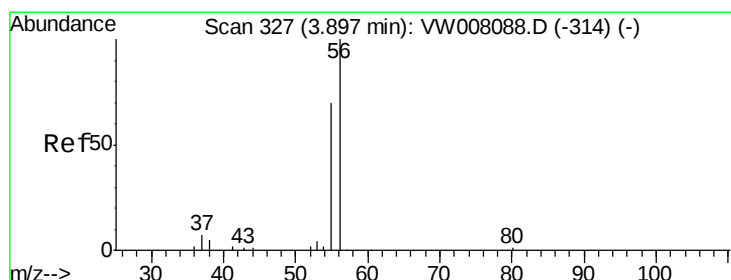
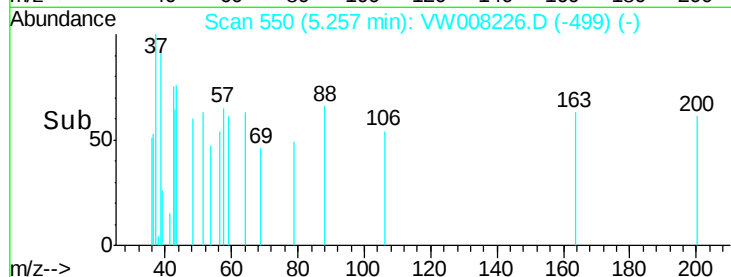
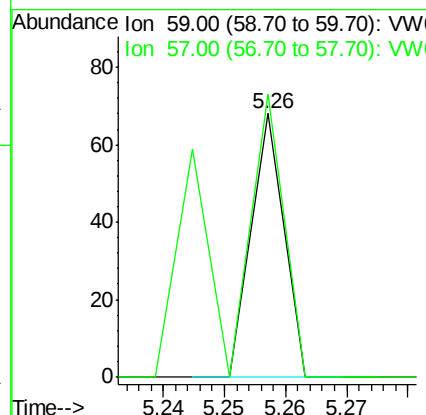
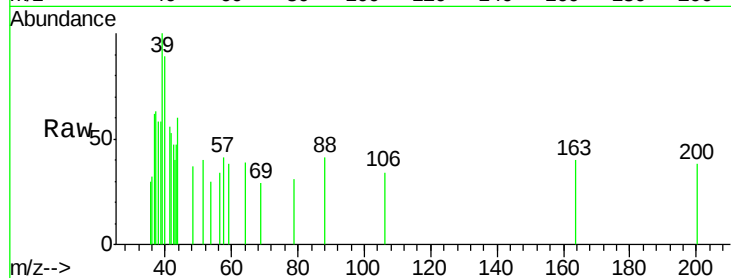


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.26 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: VW008226.D
 Acq: 12 Jan 2019 07:34

Instrument :
 MSVOA_W
 ClientSampleId :
 TESTPIT-SOIL-1RE

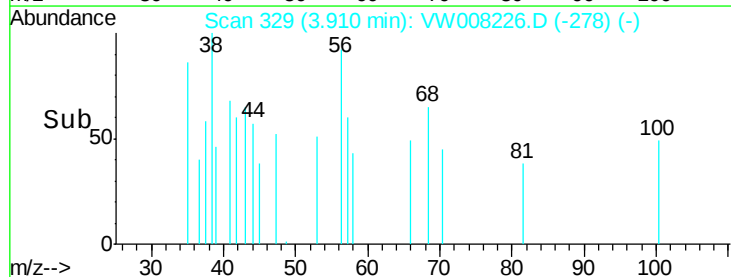
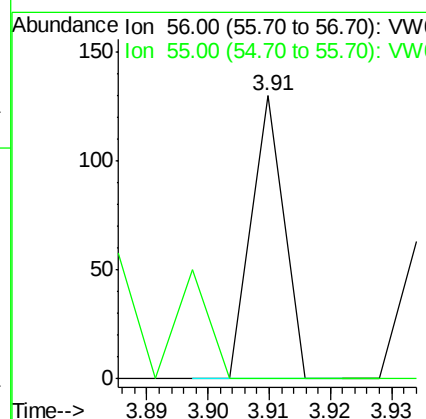
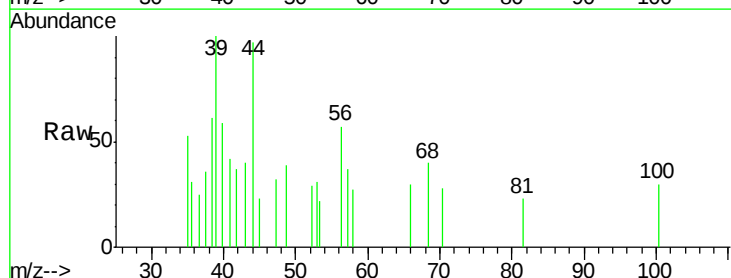
Tot Ion: 59 Resp: 25
 Ion Ratio Lower Upper
 59 100
 57 88.0 0.0 0.0#

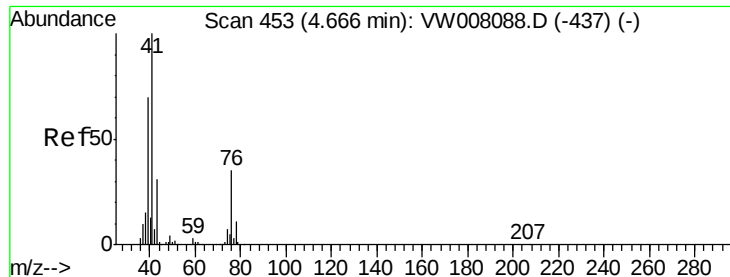


#13

Acrolein
 Concen: 10.404 ug/l
 RT: 3.91 min Scan# 329
 Delta R.T. 0.01 min
 Lab File: VW008226.D
 Acq: 12 Jan 2019 07:34

Tgt Ion: 56 Resp: 48
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.6 84.8#

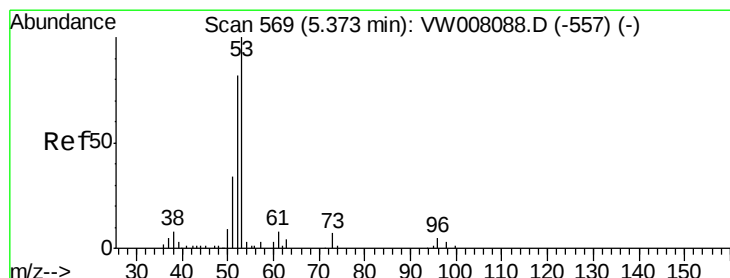
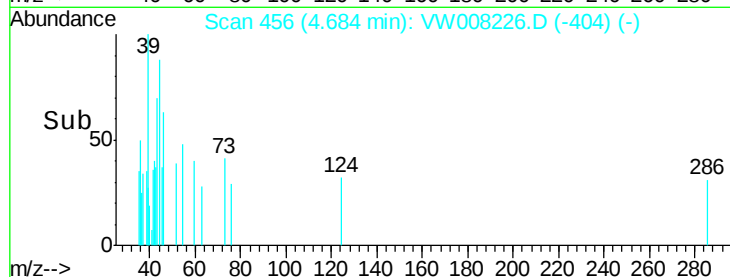
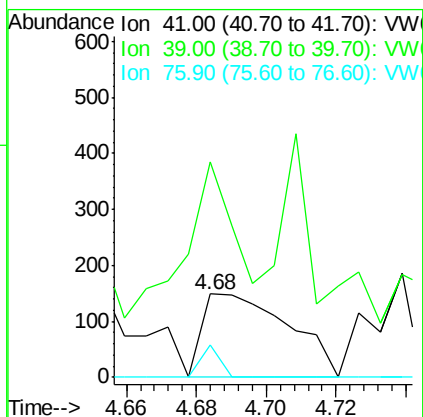
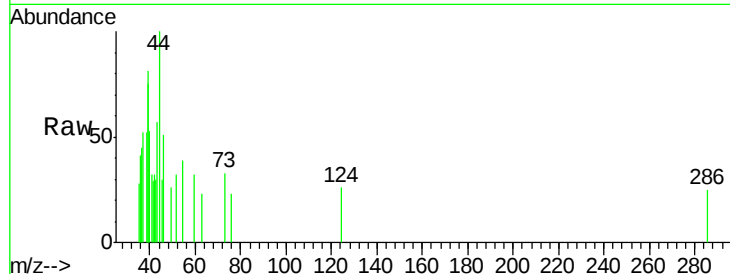




#14
Allvl chloride
Concen: 2.367 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

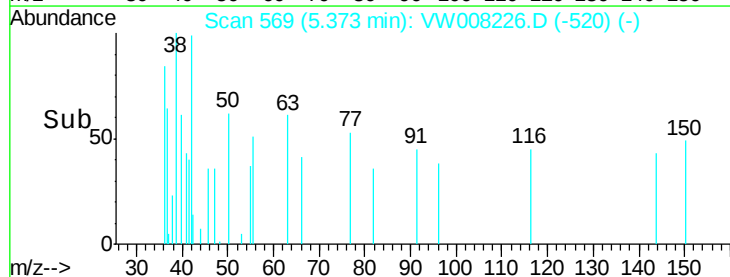
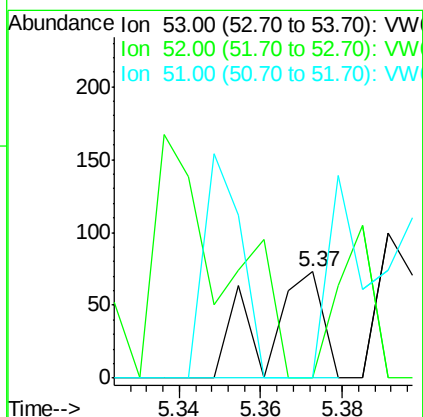
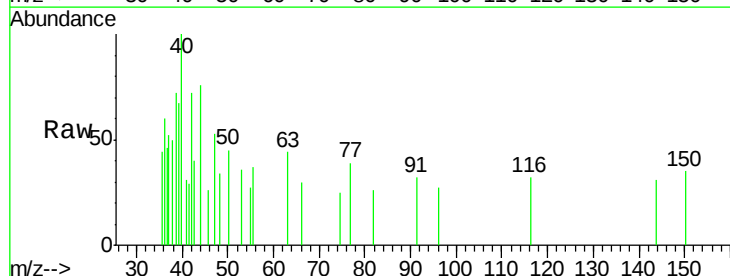
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

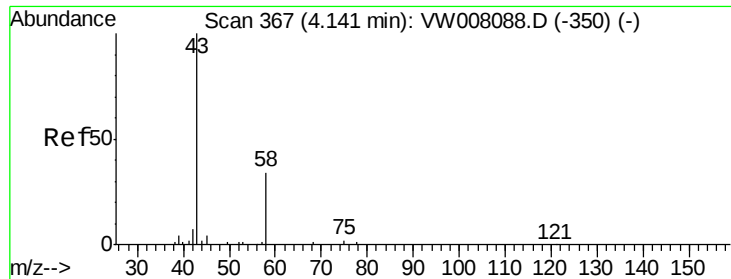
Tot Ion: 41 Resp: 255
Ion Ratio Lower Upper
41 100
39 105.9 53.8 80.8#
76 8.2 27.6 41.4#



#15
Acrylonitrile
Concen: 5.495 ug/l
RT: 5.37 min Scan# 569
Delta R.T. 0.00 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

Tgt Ion: 53 Resp: 72
Ion Ratio Lower Upper
53 100
52 86.1 66.8 100.2
51 101.4 29.7 44.5#





#16

Acetone

Concen: 121.086 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

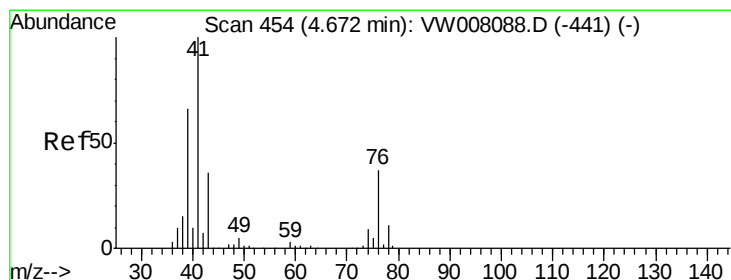
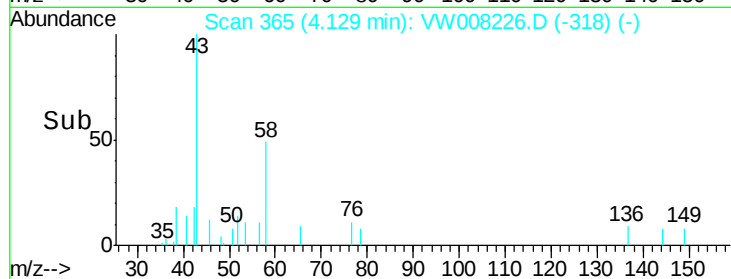
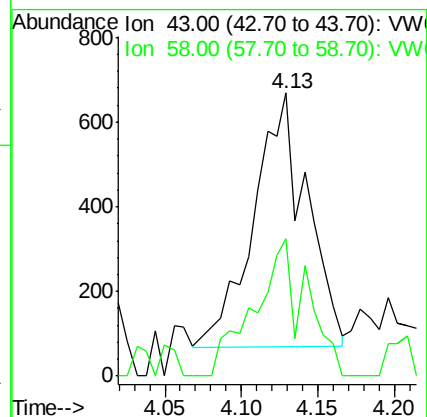
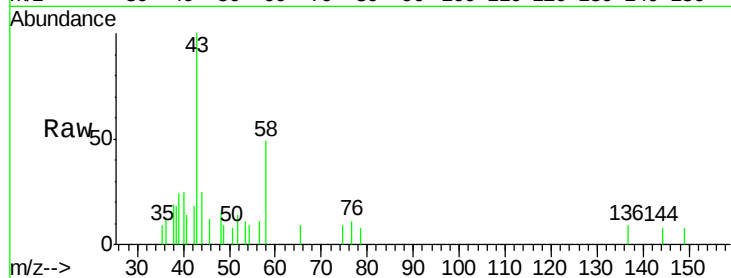
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

Tot Ion: 43 Resp: 1445

Ion Ratio Lower Upper

43 100

58 54.2 27.5 41.3#



#18

Methyl Acetate

Concen: 12.054 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008226.D

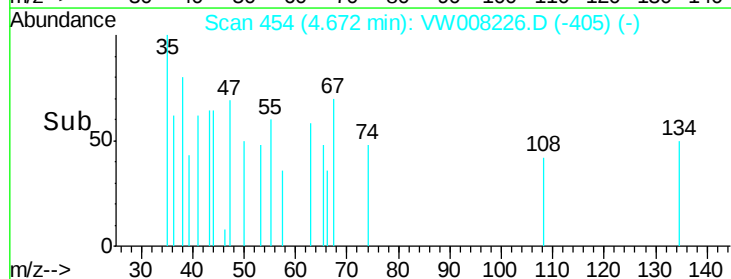
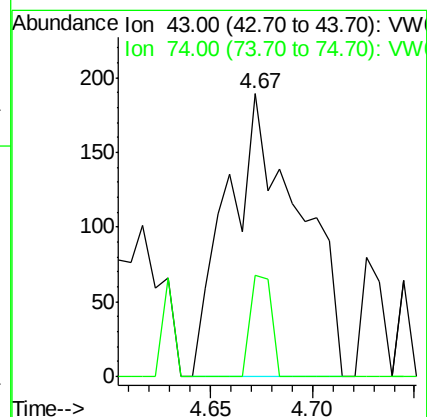
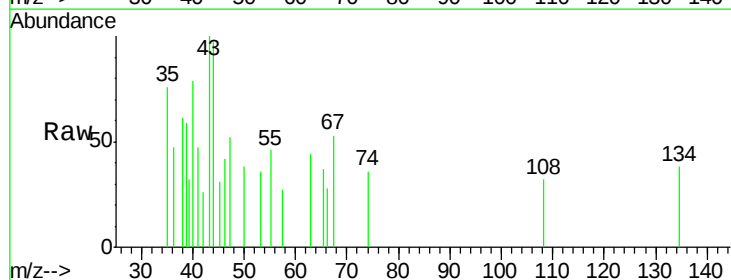
Acq: 12 Jan 2019 07:34

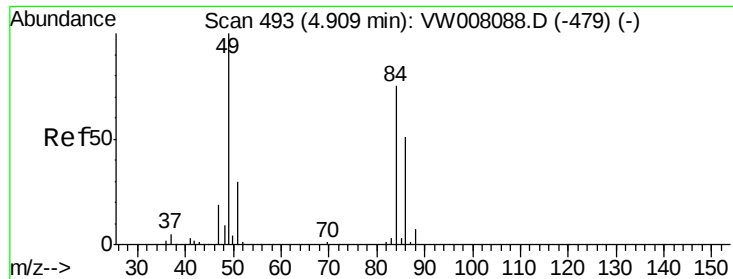
Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

74 10.6 19.0 28.4#

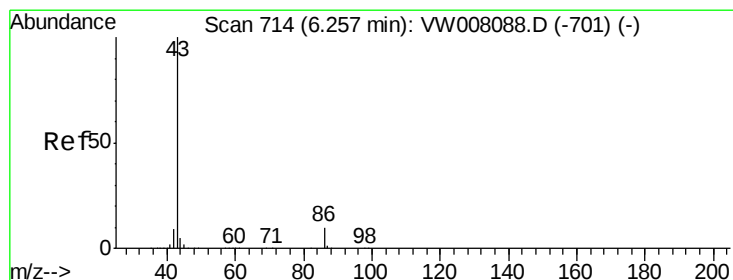
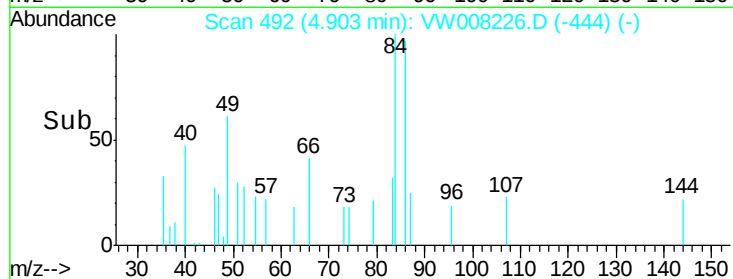
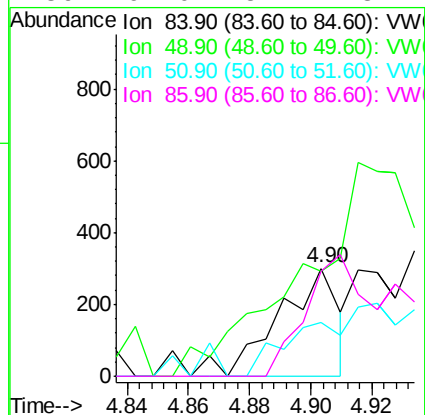
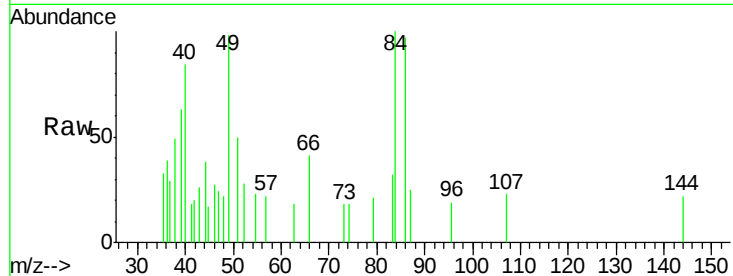




#20
Methvlene Chloride
Concen: 2.300 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

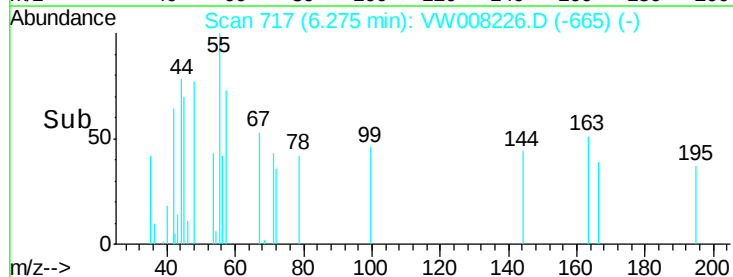
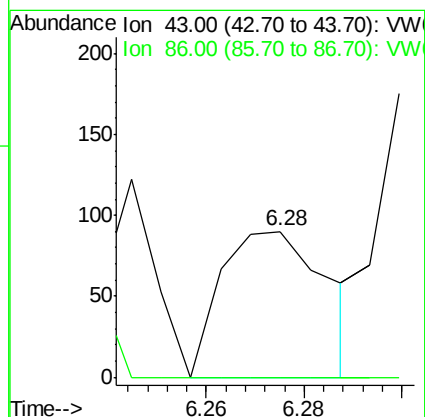
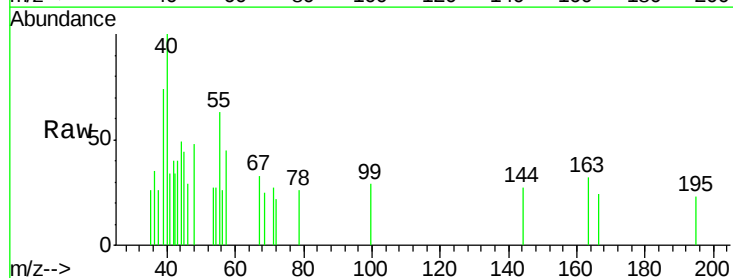
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

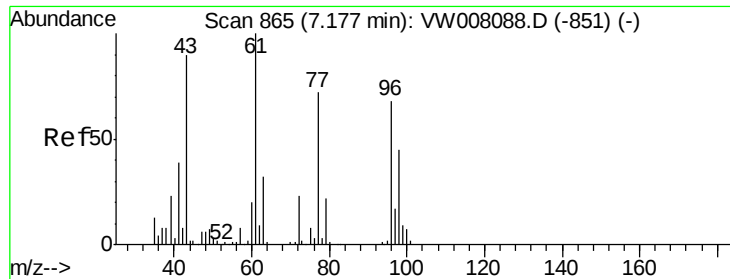
Tot Ion: 84 Resp: 413
Ion Ratio Lower Upper
84 100
49 71.0 107.1 160.7#
51 50.0 32.4 48.6#
86 97.0 54.2 81.4#



#23
Vinyl Acetate
Concen: 1.251 ug/l
RT: 6.28 min Scan# 717
Delta R.T. 0.02 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
86 0.0 7.7 11.5#





#25

2-Butanone

Concen: 7.140 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

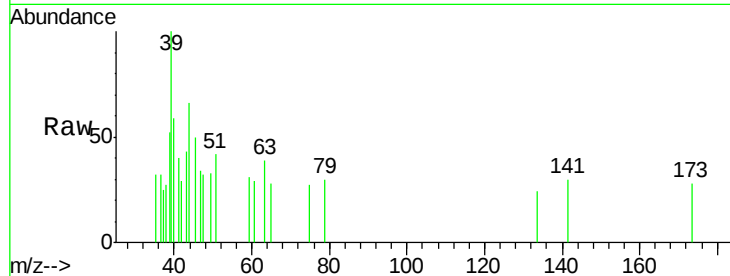
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

Tot Ion: 43 Resp: 121

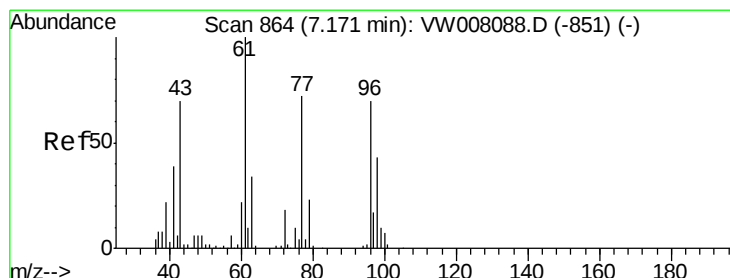
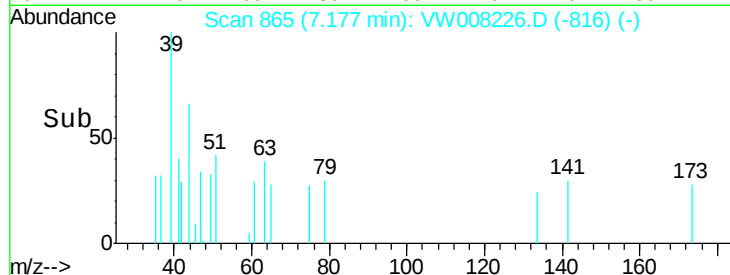
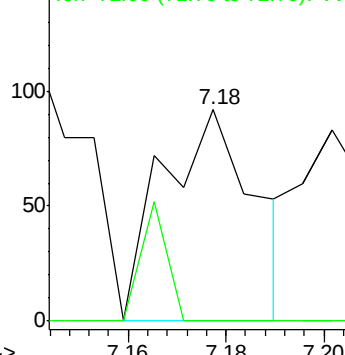
Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#27

cis-1,2-Dichloroethene

Concen: 1.137 ug/l

RT: 7.24 min Scan# 876

Delta R.T. 0.07 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

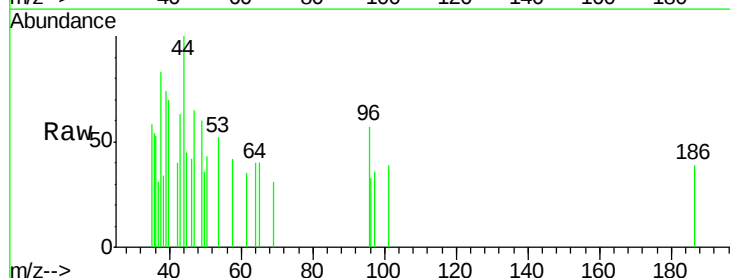
Tgt Ion: 96 Resp: 80

Ion Ratio Lower Upper

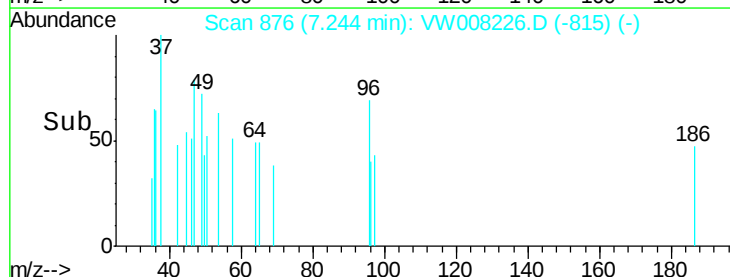
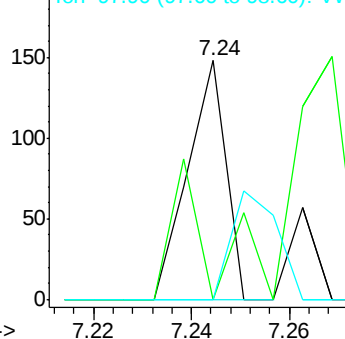
96 100

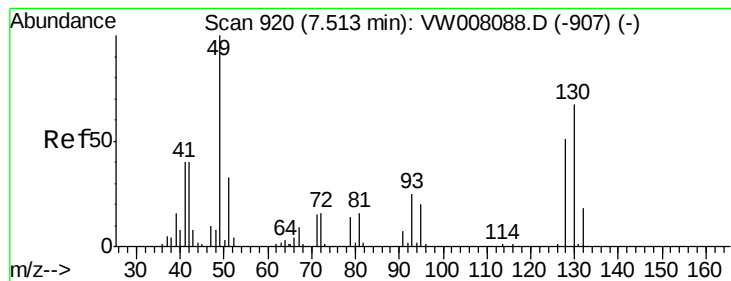
61 40.0 0.0 300.4

98 55.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW





#28

Bromochloromethane

Concen: 1.499 ug/l

RT: 7.53 min Scan# 923

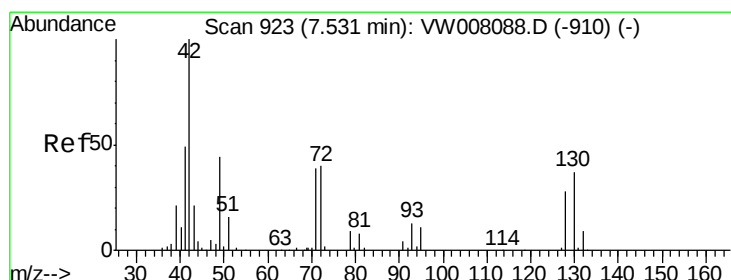
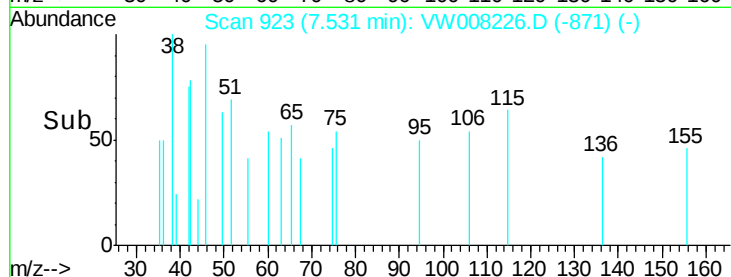
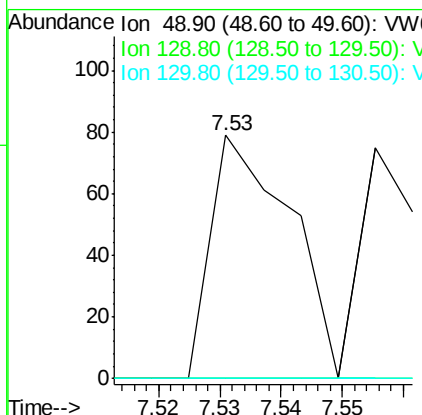
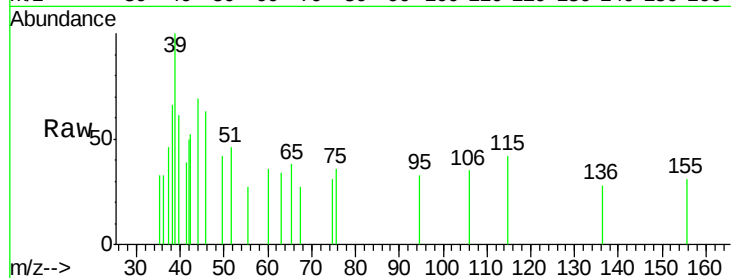
Delta R.T. 0.02 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

Tot Ion: 49 Resp: 71
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.8
130 0.0 54.3 81.5#



#29

Tetrahydrofuran

Concen: 21.909 ug/l

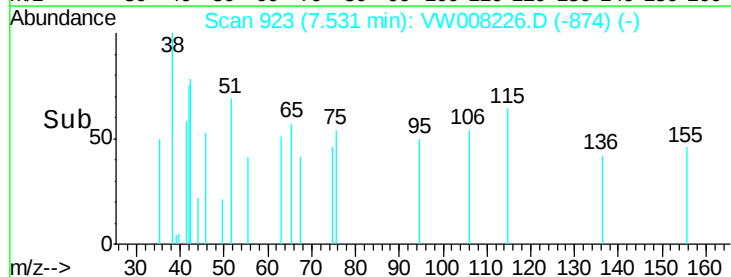
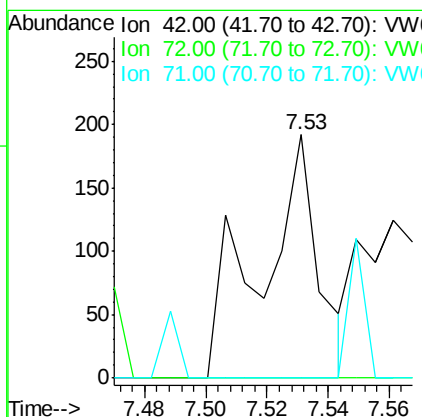
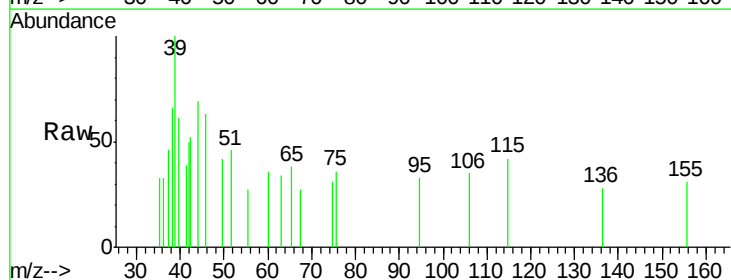
RT: 7.53 min Scan# 923

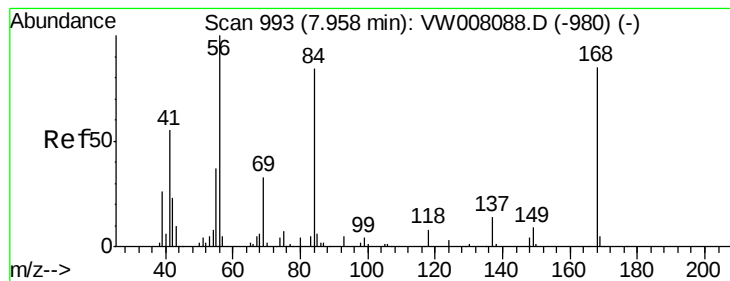
Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Tgt Ion: 42 Resp: 248
Ion Ratio Lower Upper
42 100
72 0.0 32.4 48.6#
71 16.1 31.3 46.9#





#31

Cyclohexane

Concen: 1.100 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

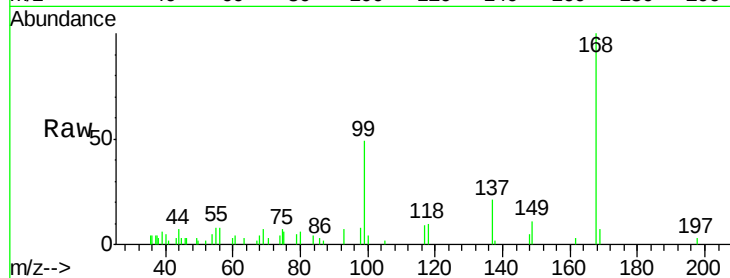
Tot Ion: 56 Resp: 141

Ion Ratio Lower Upper

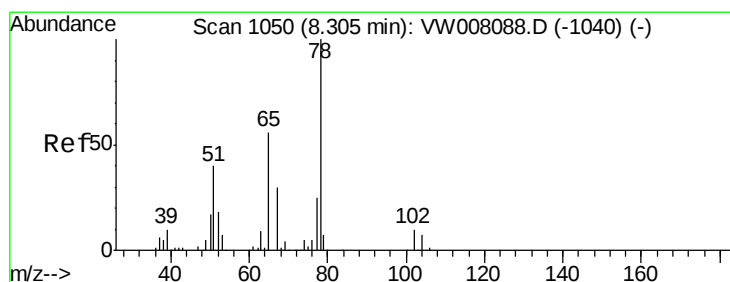
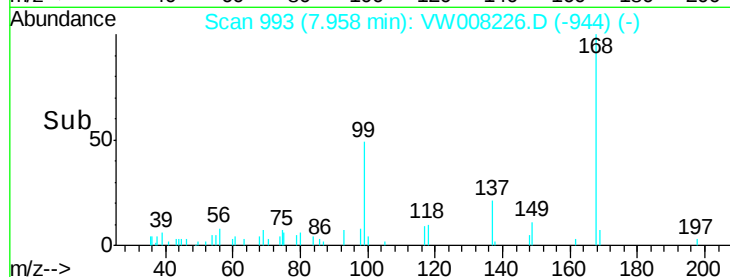
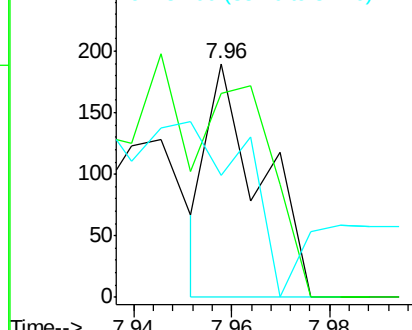
56 100

69 87.4 26.2 39.4#

84 21.1 67.4 101.2#



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: 51.802 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW008226.D

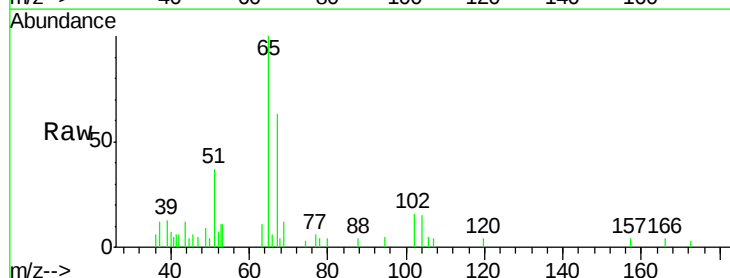
Acq: 12 Jan 2019 07:34

Tgt Ion: 65 Resp: 3155

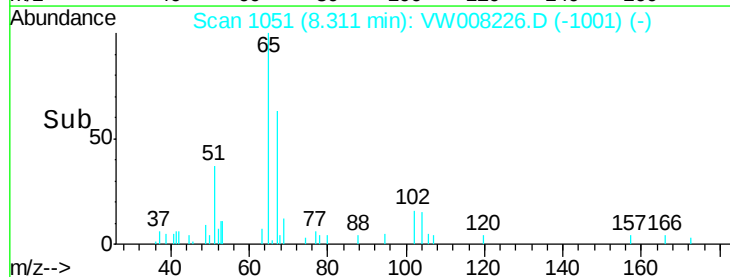
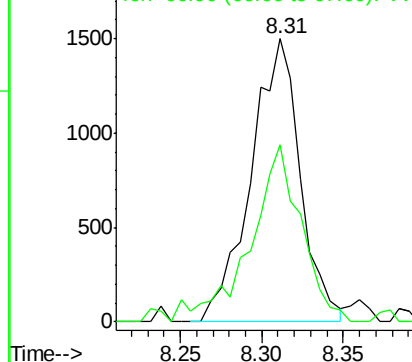
Ion Ratio Lower Upper

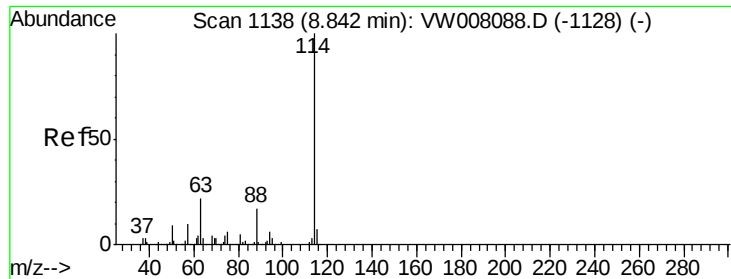
65 100

67 64.9 0.0 106.8



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

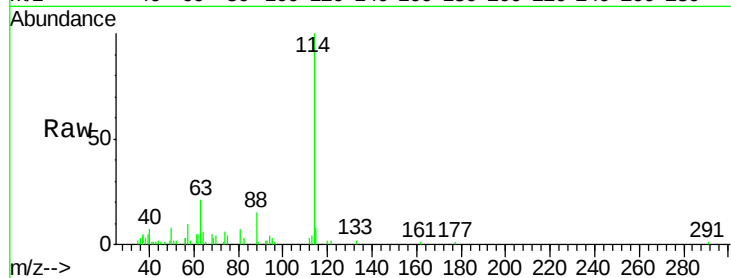




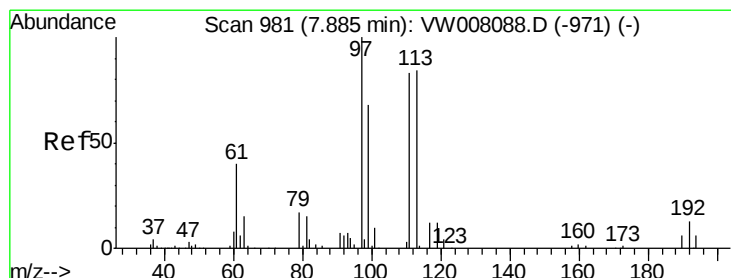
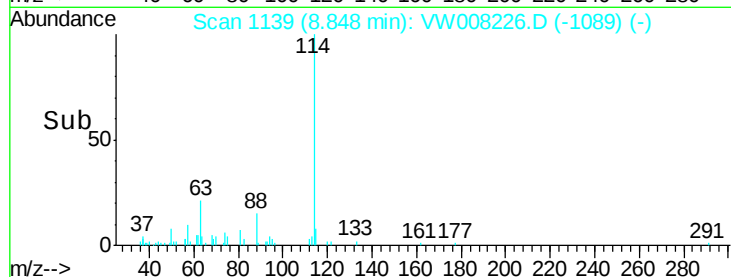
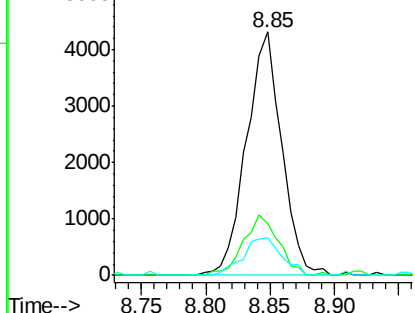
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW008226.D
 Acq: 12 Jan 2019 07:34

Instrument :
 MSVOA_W
 ClientSampleId :
 TESTPIT-SOIL-1RE

Tot Ion:114 Resp: 8160
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 15.4 0.0 33.4

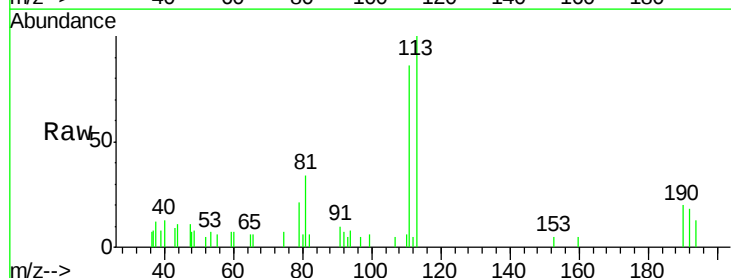


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

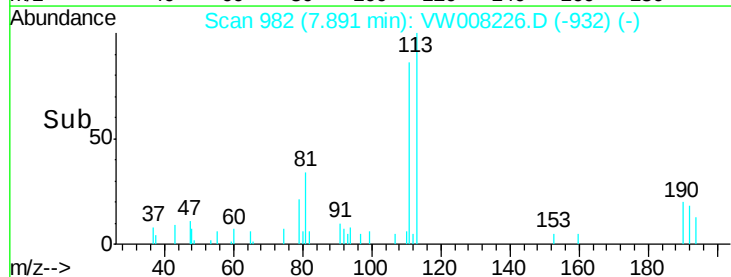
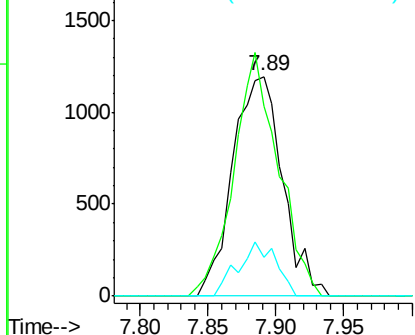


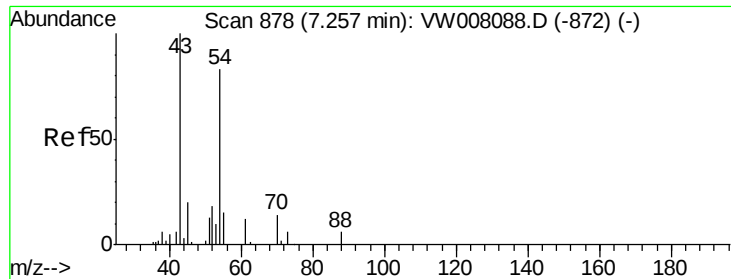
#35
 Dibromofluoromethane
 Concen: 64.401 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW008226.D
 Acq: 12 Jan 2019 07:34

Tgt Ion:113 Resp: 3065
 Ion Ratio Lower Upper
 113 100
 111 98.3 81.8 122.8
 192 18.6 12.8 19.2



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

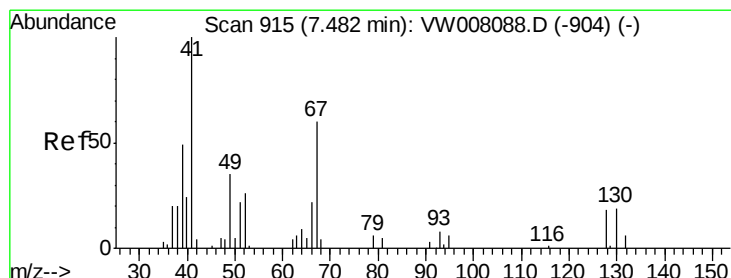
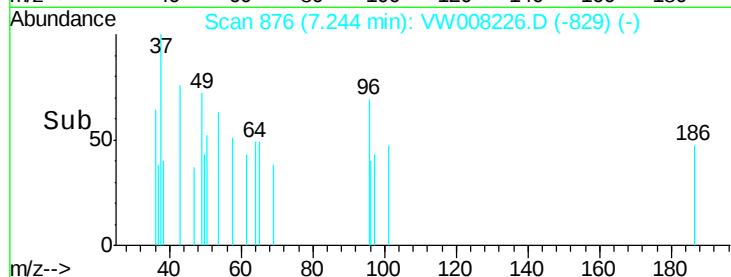
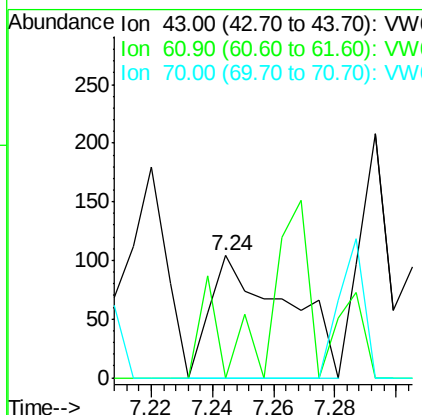
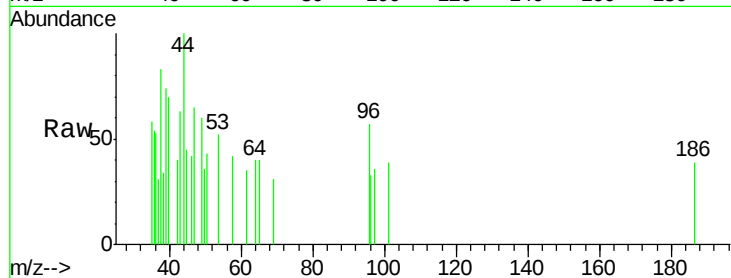




#37
Ethyl Acetate
Concen: 5.315 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

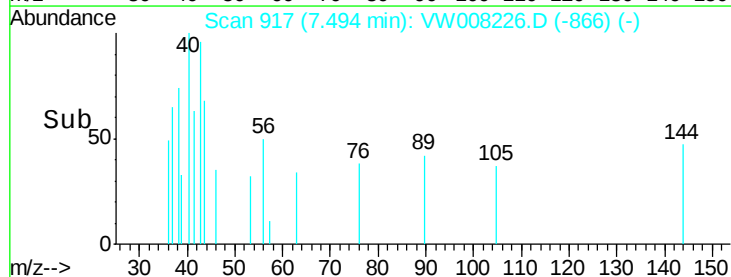
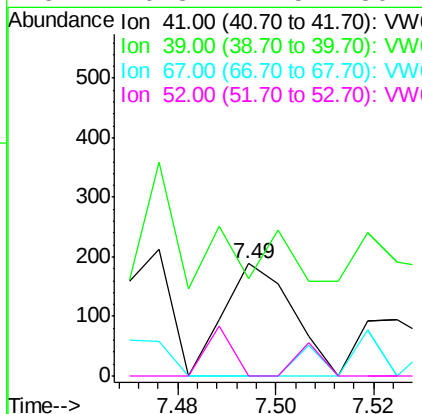
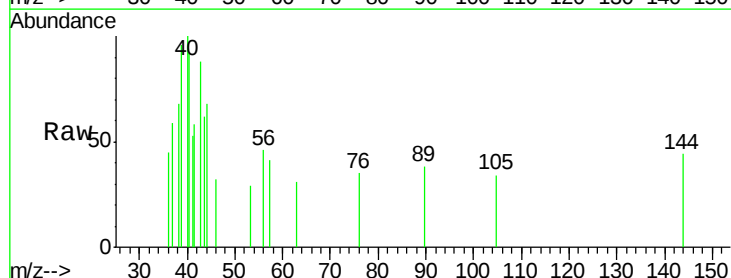
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

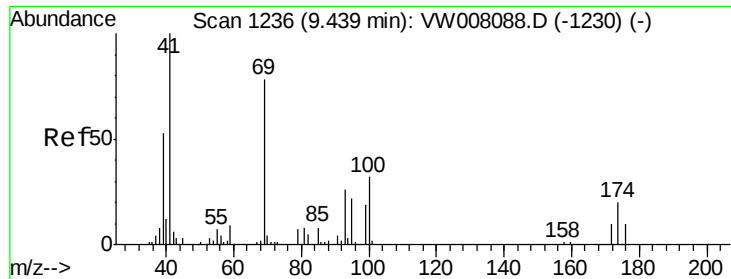
Tot Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
61 17.9 10.6 16.0#
70 0.0 8.9 13.3#



#41
Methacrylonitrile
Concen: 8.650 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

Tgt Ion: 41 Resp: 184
Ion Ratio Lower Upper
41 100
39 0.0 47.9 71.9#
67 0.0 56.3 84.5#
52 16.3 24.5 36.7#

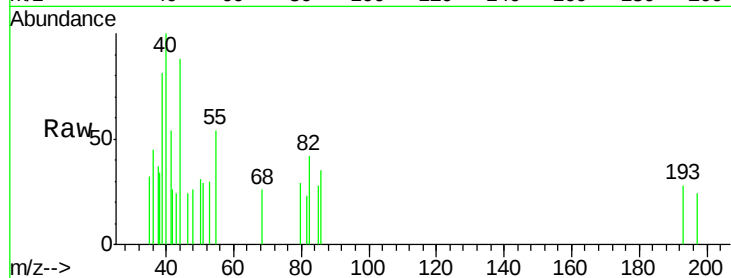




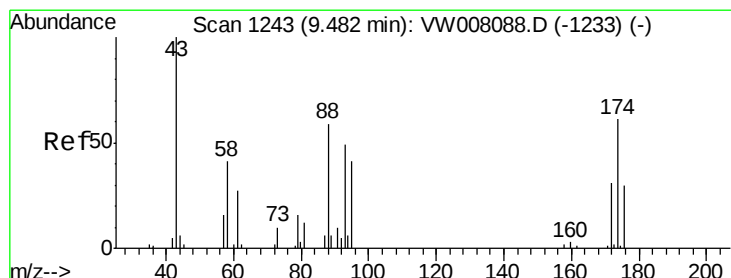
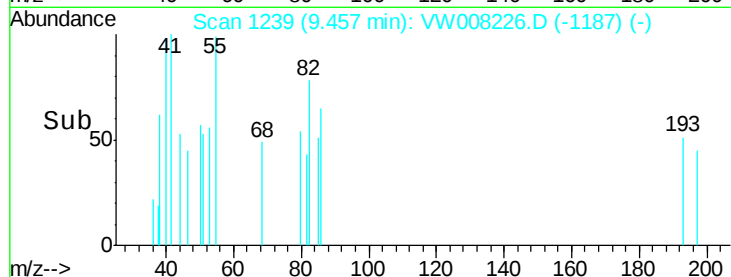
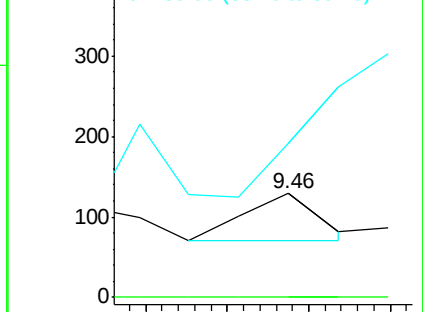
#48
Methyl methacrylate
Concen: 1.165 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.02 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

Tot Ion: 41 Resp: 37
Ion Ratio Lower Upper
41 100
69 0.0 61.9 92.9#
39 162.2 43.0 64.4#

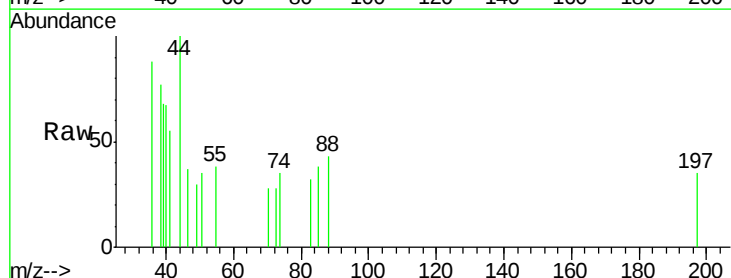


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

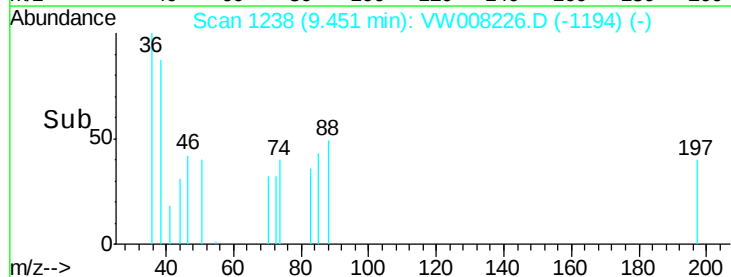
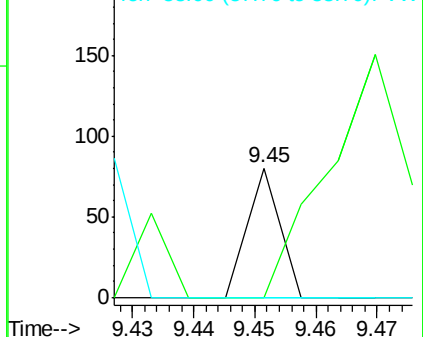


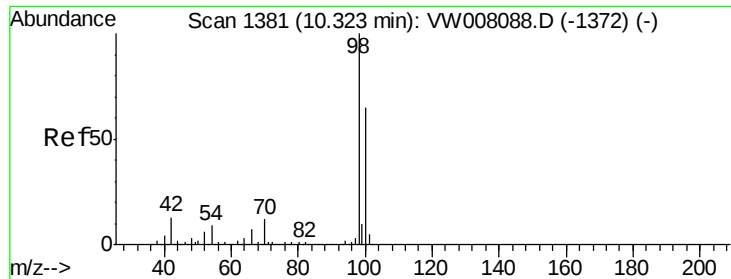
#49
1,4-Dioxane
Concen: 64.954 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 458.6 0.0 0.0#
58 0.0 61.7 92.5#



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

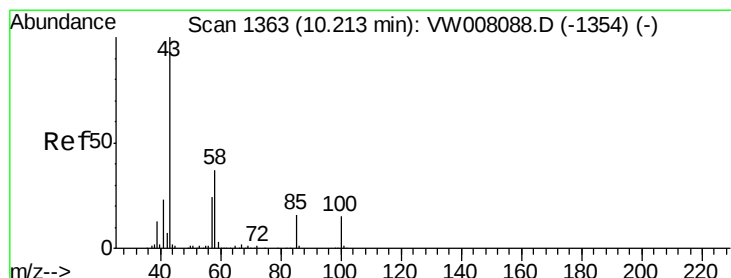
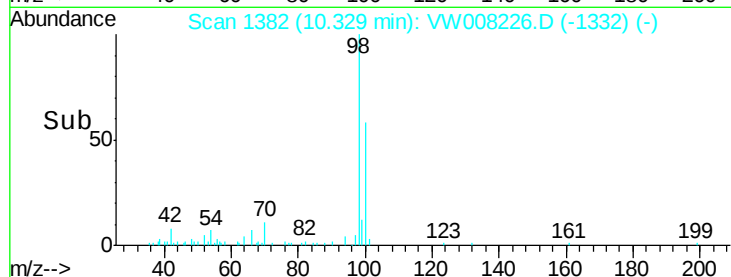
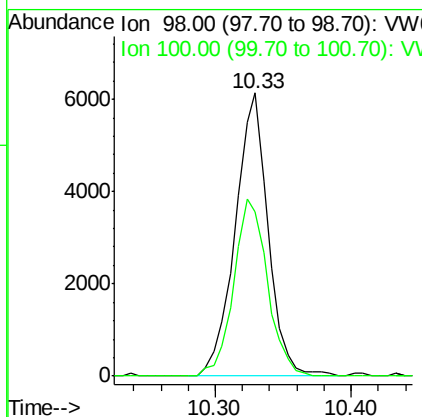
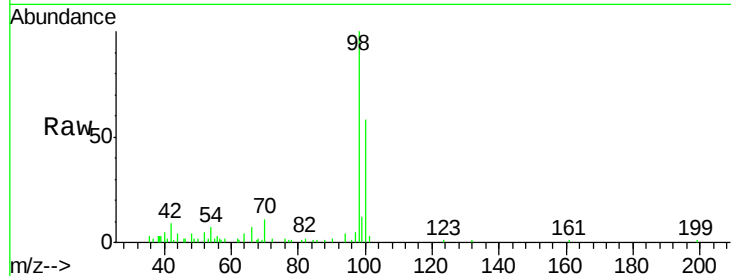




#50
Toluene-d8
Concen: 51.779 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

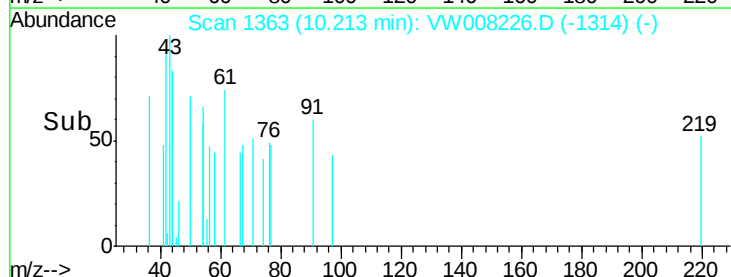
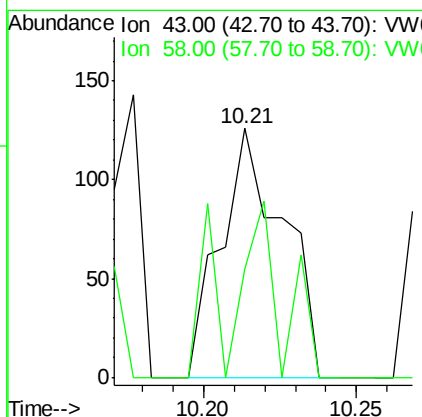
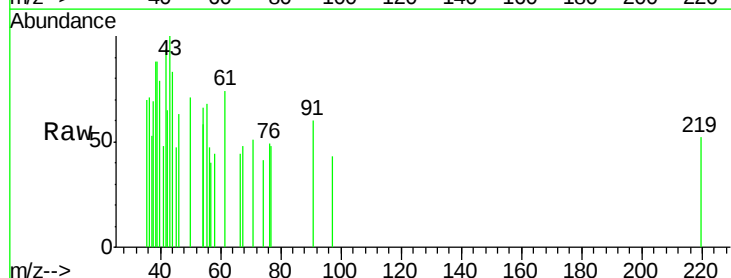
Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

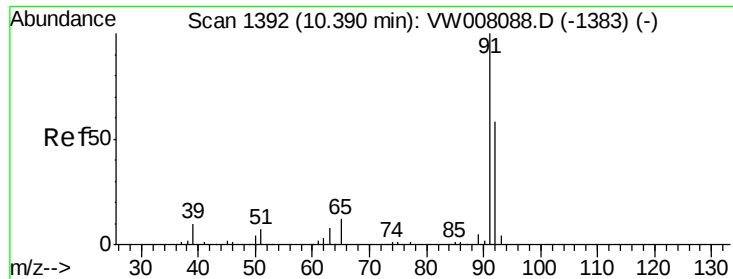
Tot Ion: 98 Resp: 10341
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 5.492 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW008226.D
Acq: 12 Jan 2019 07:34

Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 41.9 30.6 46.0





#52

Toluene

Concen: 3.104 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :

MSVOA_W

ClientSampleId :

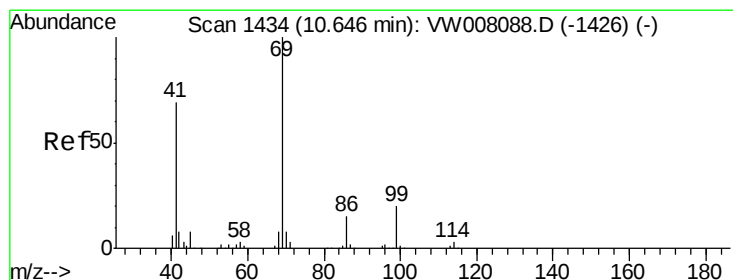
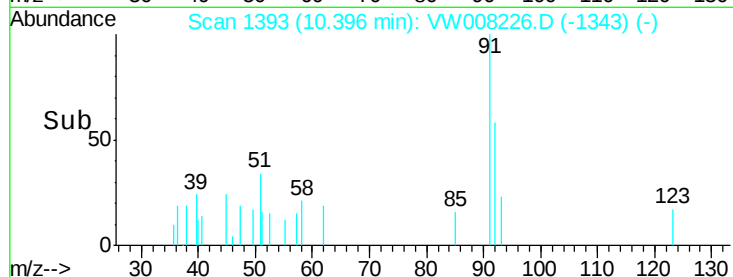
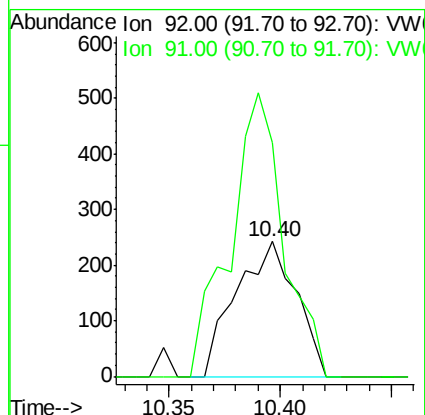
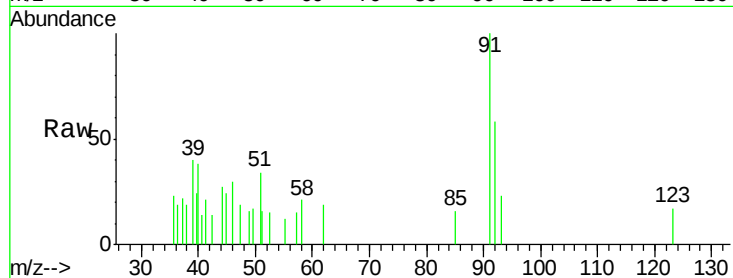
TESTPIT-SOIL-1RE

Tot Ion: 92 Resp: 452

Ion Ratio Lower Upper

92 100

91 188.3 137.0 205.4



#56

Ethyl methacrylate

Concen: 1.864 ug/l

RT: 10.68 min Scan# 1440

Delta R.T. 0.04 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

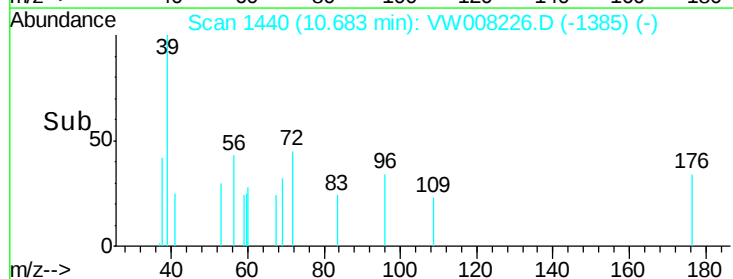
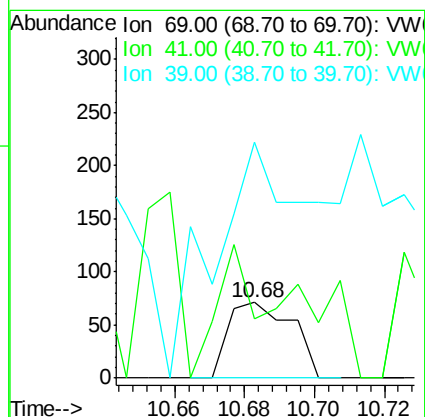
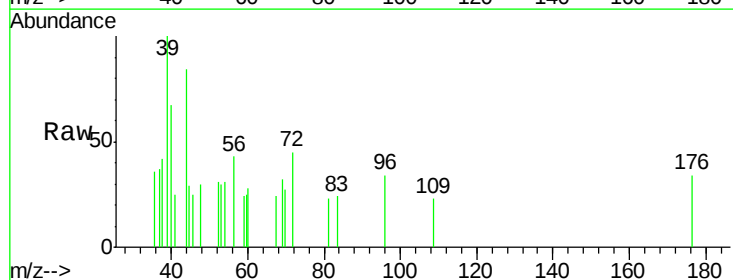
Tgt Ion: 69 Resp: 90

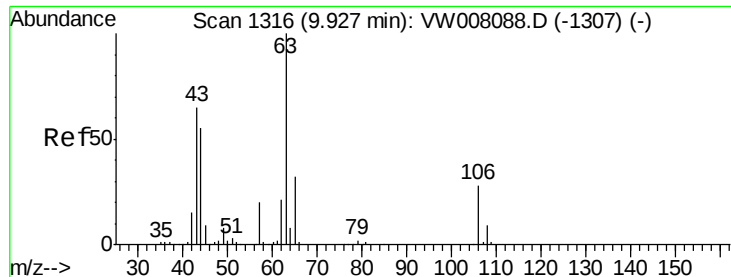
Ion Ratio Lower Upper

69 100

41 35.6 56.4 84.6#

39 382.2 28.1 42.1#

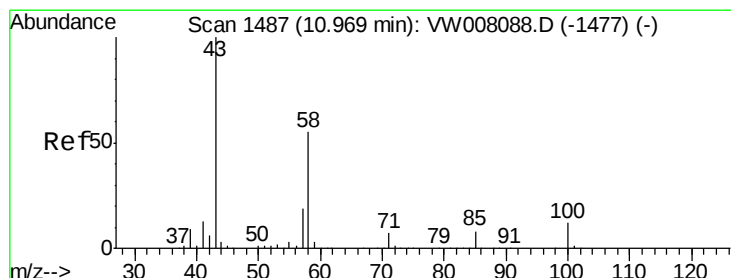
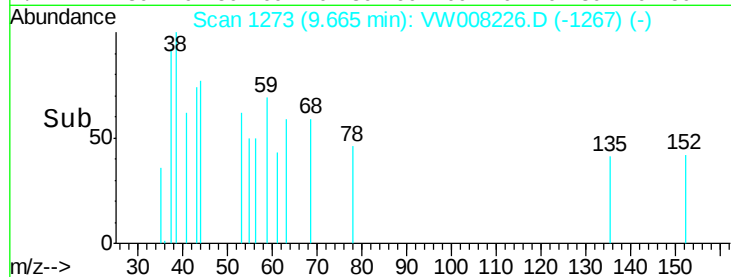
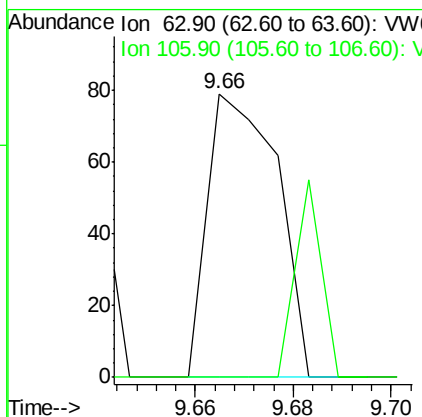
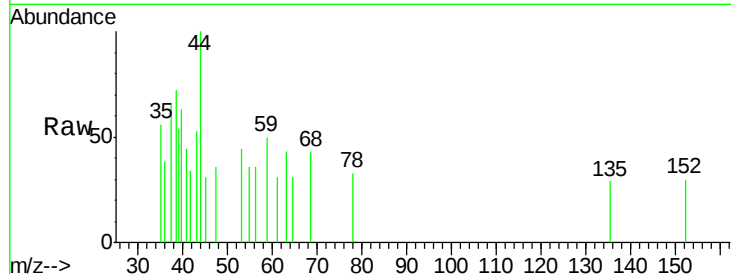




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.128 ug/l
 RT: 9.66 min Scan# 1273
 Delta R.T. -0.26 min
 Lab File: VW008226.D
 Acq: 12 Jan 2019 07:34

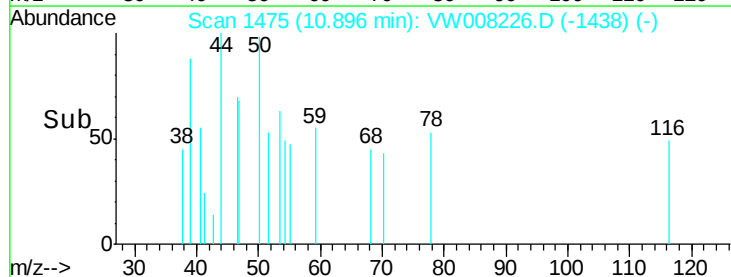
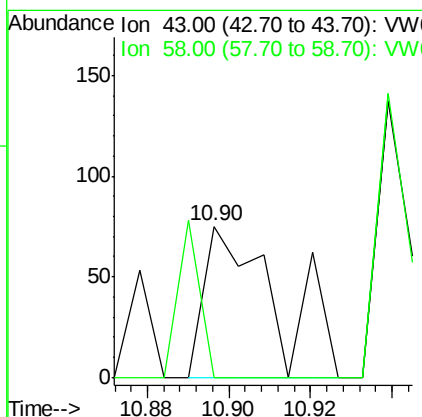
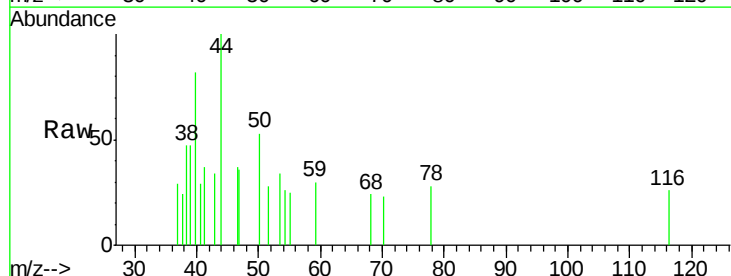
Instrument :
 MSVOA_W
 ClientSampleId :
 TESTPIT-SOIL-1RE

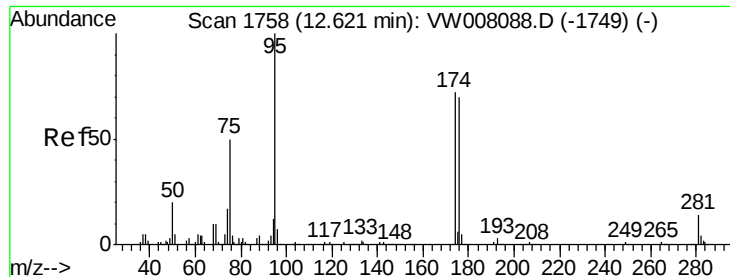
Tot Ion: 63 Resp: 78
 Ion Ratio Lower Upper
 63 100
 106 25.6 21.8 32.6



#59
 2-Hexanone
 Concen: 4.220 ug/l
 RT: 10.90 min Scan# 1475
 Delta R.T. -0.07 min
 Lab File: VW008226.D
 Acq: 12 Jan 2019 07:34

Tgt Ion: 43 Resp: 93
 Ion Ratio Lower Upper
 43 100
 58 31.2 27.2 81.5





#62

4-Bromofluorobenzene

Concen: 45.225 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :
MSVOA_W
ClientSampleId :
TESTPIT-SOIL-1RE

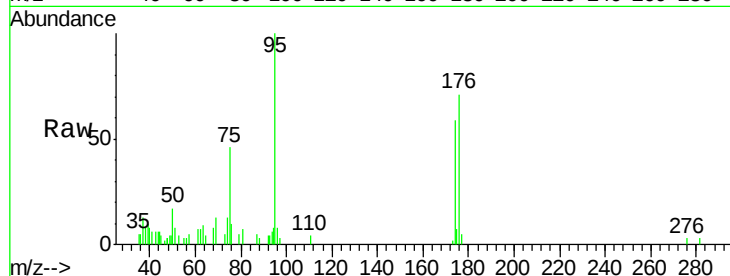
Tot Ion: 95 Resp: 3238

Ion Ratio Lower Upper

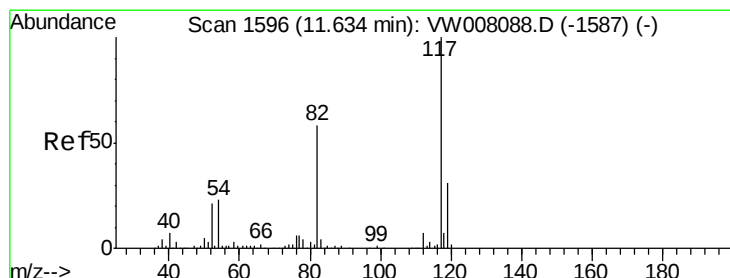
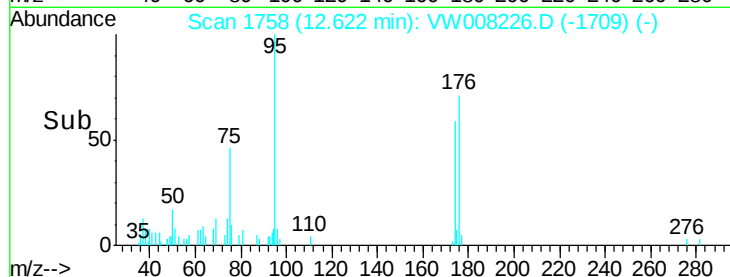
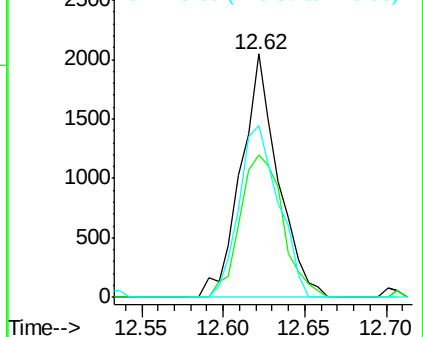
95 100

174 67.6 0.0 143.0

176 75.4 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

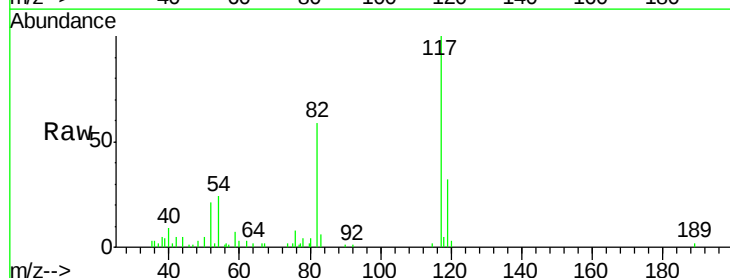
Tgt Ion: 117 Resp: 7578

Ion Ratio Lower Upper

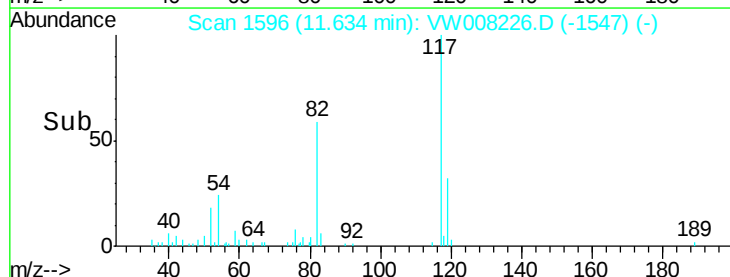
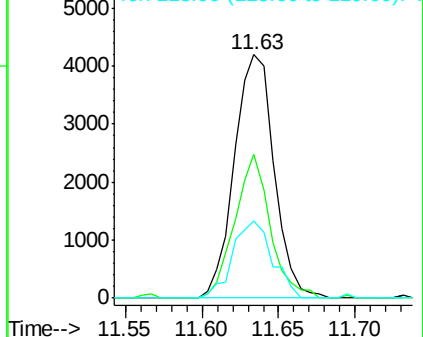
117 100

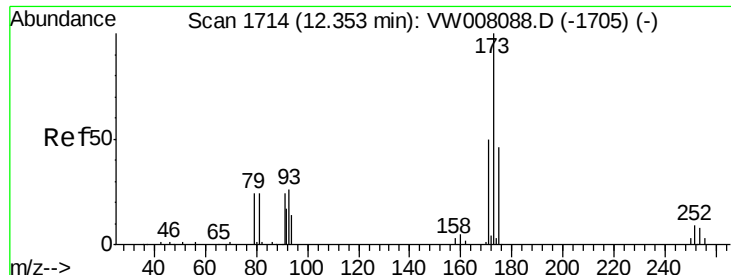
82 59.2 46.4 69.6

119 31.6 24.7 37.1



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





#71

Bromoform

Concen: 1.155 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.16 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :

MSVOA_W

ClientSampleId :

TESTPIT-SOIL-1RE

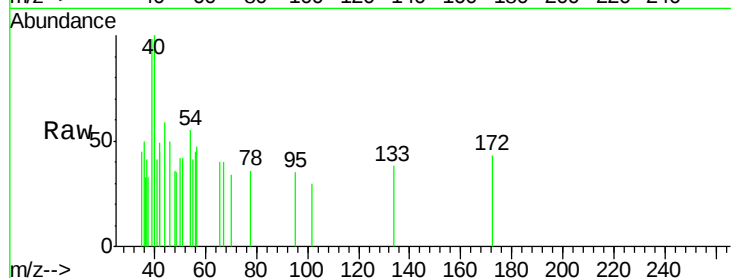
Tot Ion:173 Resp: 27

Ion Ratio Lower Upper

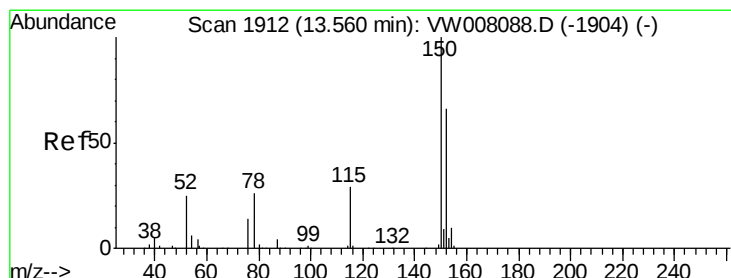
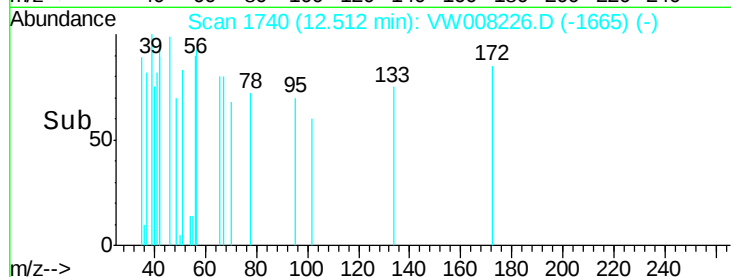
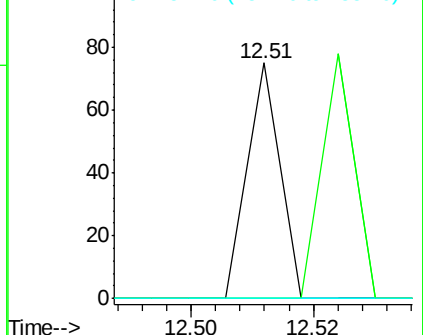
173 100

175 107.4 23.3 69.8#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

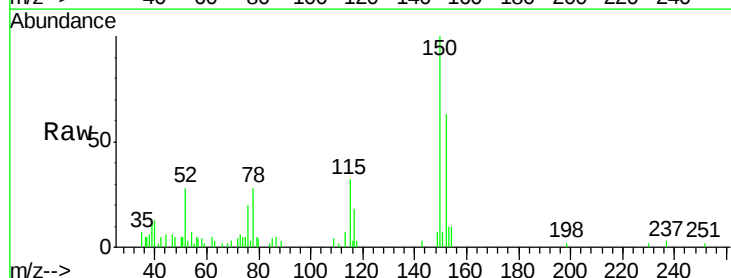
Tgt Ion:152 Resp: 2370

Ion Ratio Lower Upper

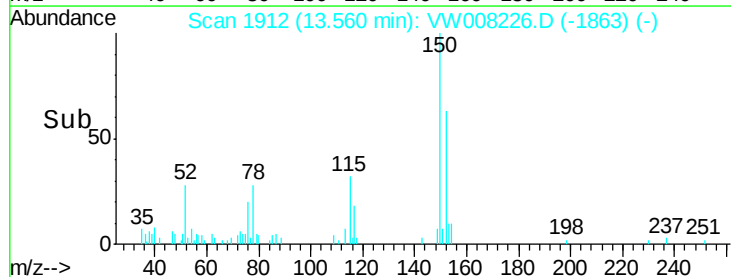
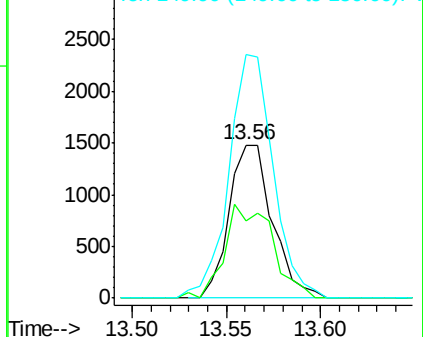
152 100

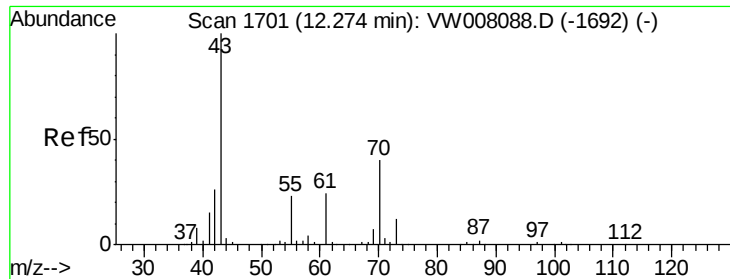
115 67.3 30.8 92.4

150 162.0 0.0 350.2



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





#74

N-amvl acetate

Concen: 1.577 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :

MSVOA_W

ClientSampleId :

TESTPIT-SOIL-1RE

Tot Ion: 43 Resp: 65

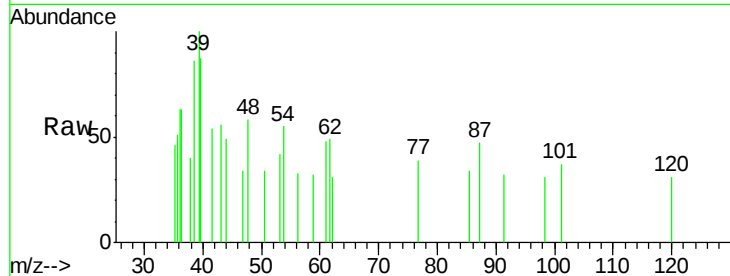
Ion Ratio Lower Upper

43 100

70 0.0 32.4 48.6#

55 0.0 18.7 28.1#

61 44.6 19.0 28.6#

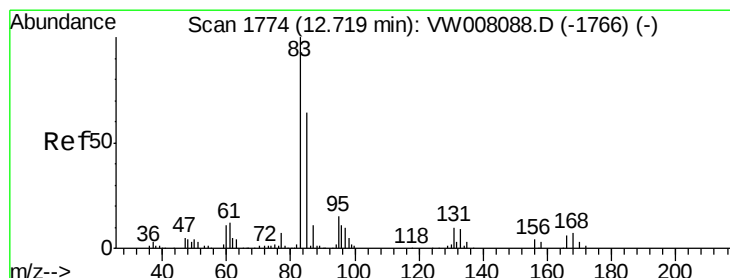
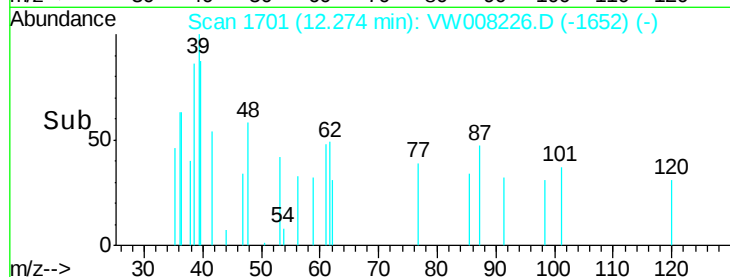
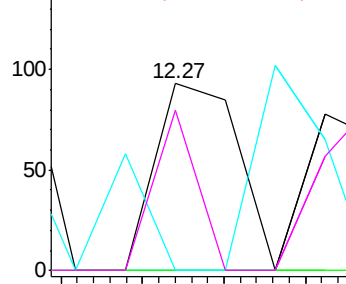


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 1.578 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

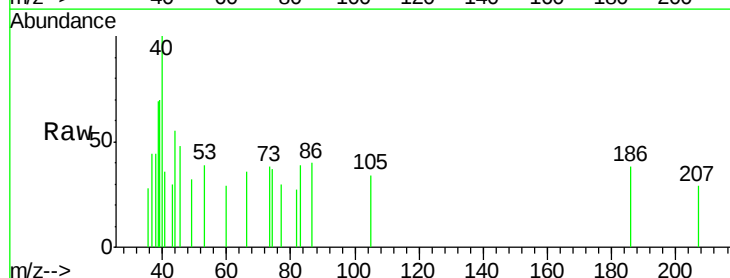
Tgt Ion: 83 Resp: 47

Ion Ratio Lower Upper

83 100

131 42.6 5.3 16.1#

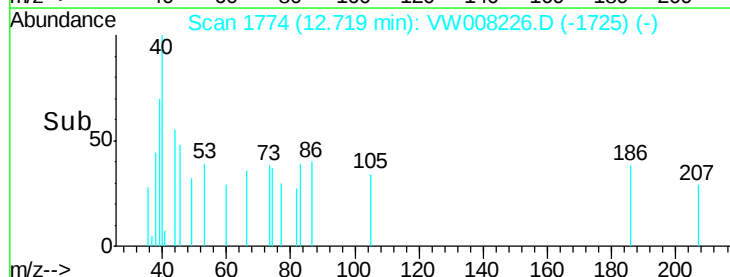
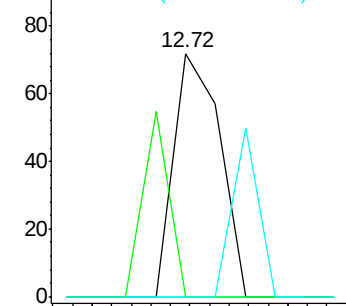
85 38.3 32.4 97.2

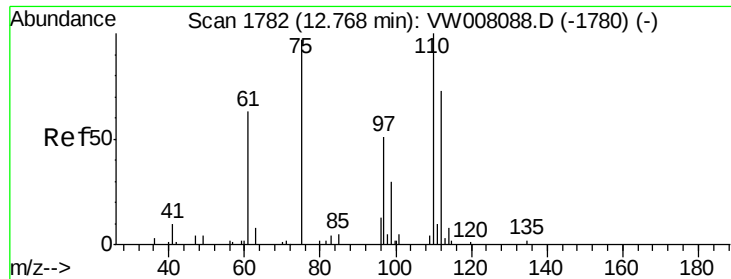


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 2.175 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. 0.10 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :

MSVOA_W

ClientSampleId :

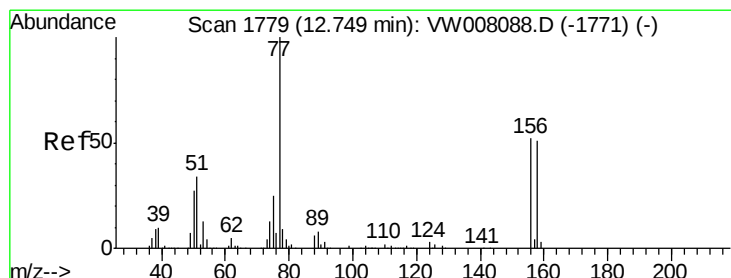
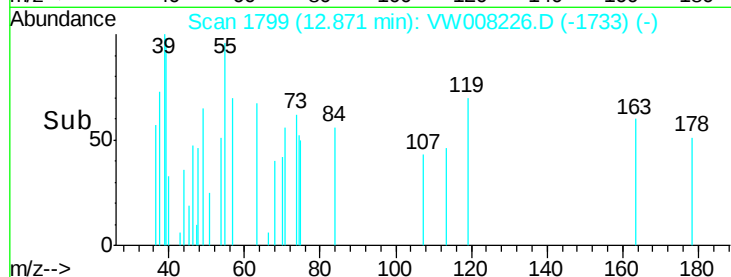
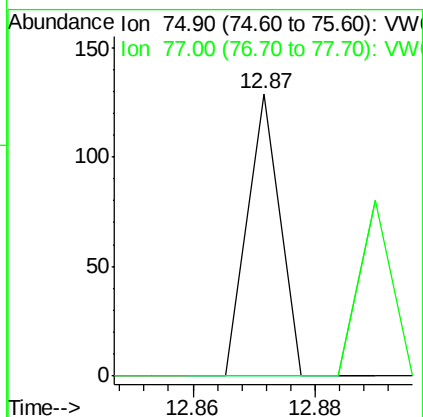
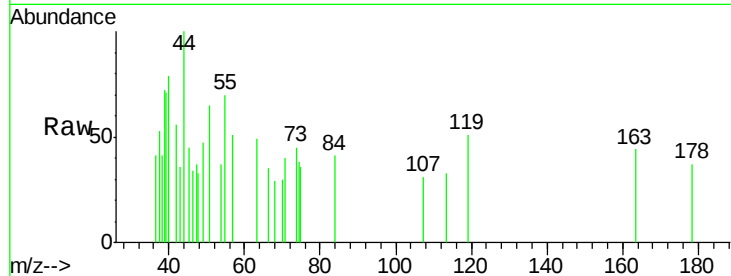
TESTPIT-SOIL-1RE

Tot Ion: 75 Resp: 47

Ion Ratio Lower Upper

75 100

77 61.7 179.4 538.2#



#77

Bromobenzene

Concen: 1.119 ug/l

RT: 12.66 min Scan# 1764

Delta R.T. -0.09 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

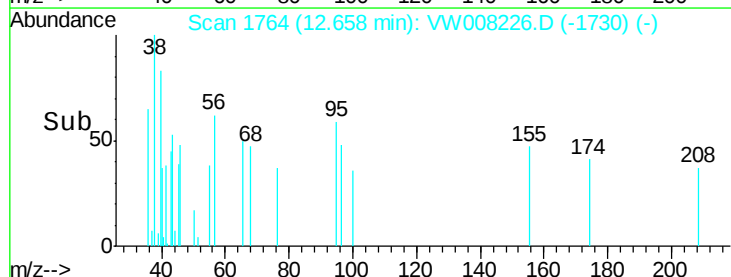
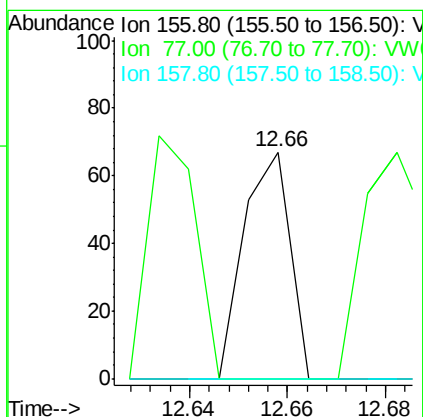
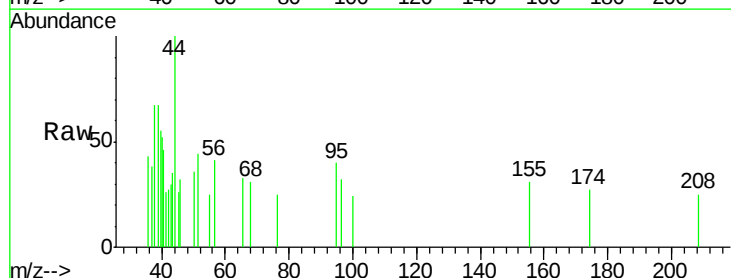
Tgt Ion: 156 Resp: 44

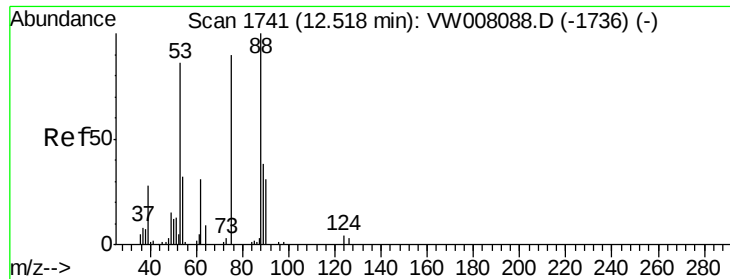
Ion Ratio Lower Upper

156 100

77 0.0 104.2 312.5#

158 0.0 47.9 143.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 167.497 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :

MSVOA_W

ClientSampleId :

TESTPIT-SOIL-1RE

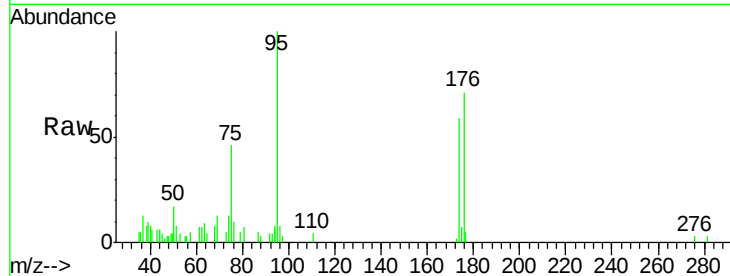
Tot Ion: 75 Resp: 1554

Ion Ratio Lower Upper

75 100

53 2.0 78.8 118.2#

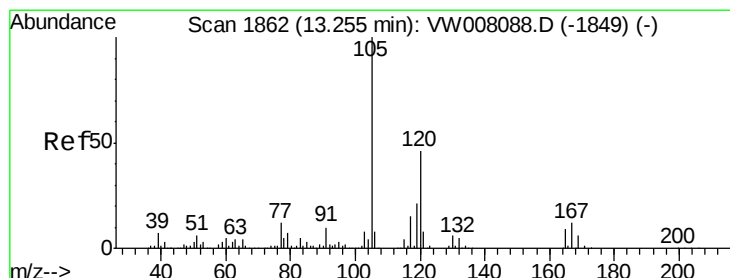
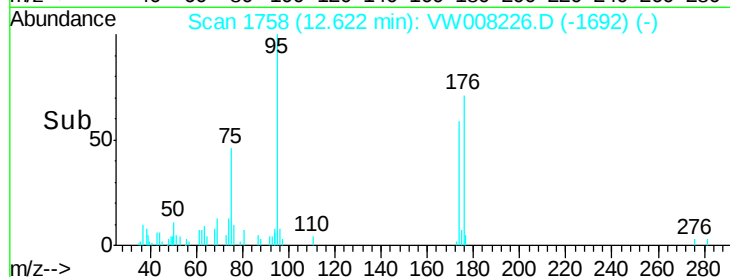
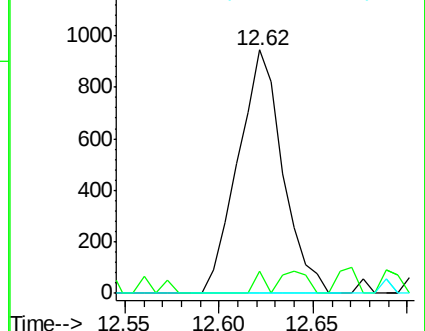
89 0.0 35.4 53.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.268 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. 0.01 min

Lab File: VW008226.D

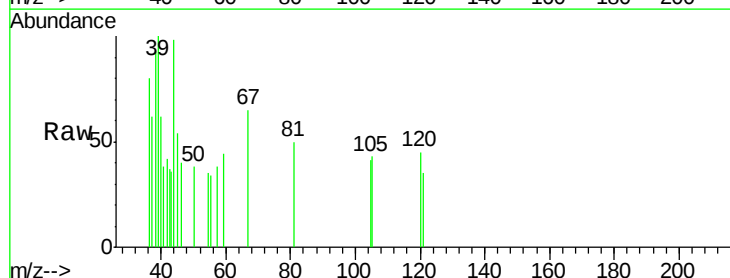
Acq: 12 Jan 2019 07:34

Tgt Ion: 105 Resp: 200

Ion Ratio Lower Upper

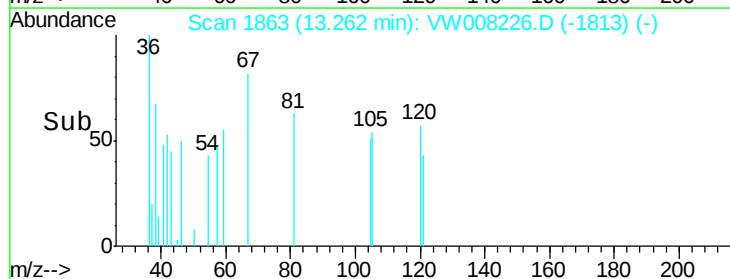
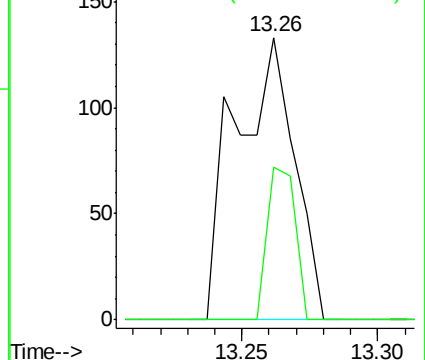
105 100

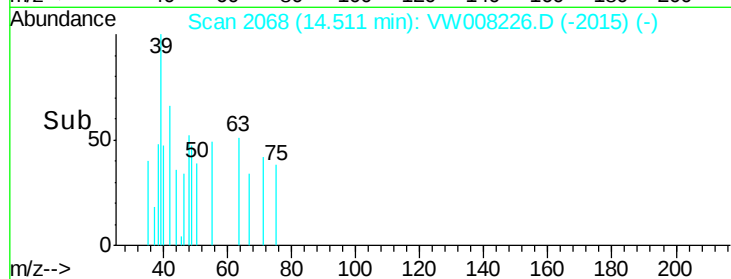
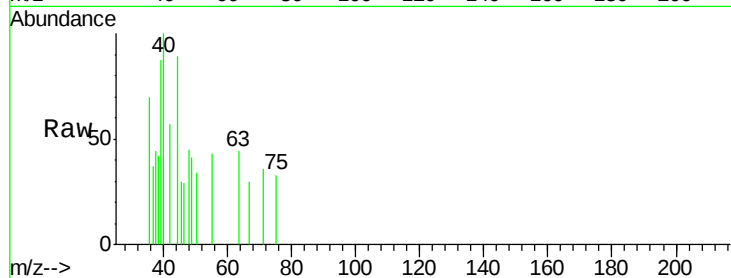
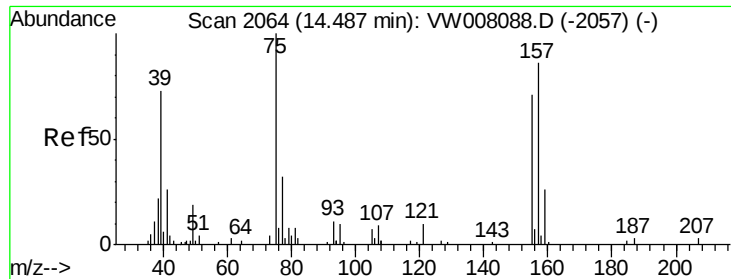
120 25.5 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.561 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW008226.D

Acq: 12 Jan 2019 07:34

Instrument :

MSVOA_W

ClientSampleId :

TESTPIT-SOIL-1RE

Tot Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.7#

157 0.0 47.5 142.6#

