

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013160.D
 Acq On : 19 Sep 2019 14:52
 Operator : SY/VA
 Sample : K4955-01
 Misc : 2.34G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

Quant Time: Sep 20 07:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	748	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.47	152	19491	50.00	ug/l	-0.09

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	586	57.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.04%	
35) Dibromofluoromethane	7.88	113	601	87.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	174.42%	
50) Toluene-d8	10.44	98	100	3.71	ug/l	0.12
Spiked Amount	50.000		Recovery	=	7.42%	
62) 4-Bromofluorobenzene	12.63	95	260	26.81	ug/l	0.02
Spiked Amount	50.000		Recovery	=	53.62%	

Target Compounds

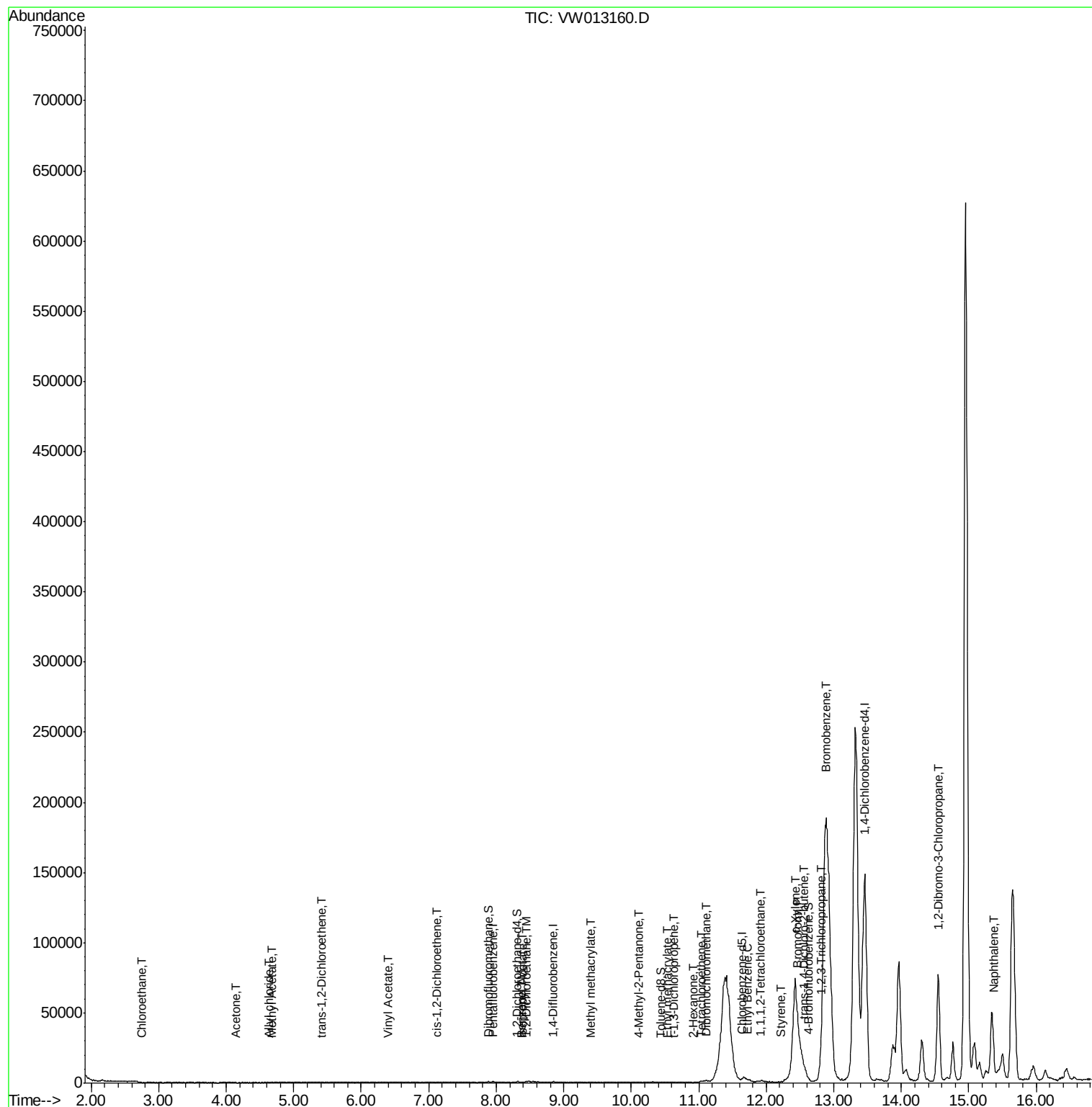
						Qvalue
3) Chloromethane	2.31	50	25	Below Cal	#	41
6) Chloroethane	2.75	64	19	3.924	ug/l #	42
14) Allyl chloride	4.65	41	25	1.730	ug/l #	23
16) Acetone	4.15	43	96	25.907	ug/l #	47
18) Methyl Acetate	4.67	43	44	7.581	ug/l #	53
21) trans-1,2-Dichloroethene	5.42	96	21	2.575	ug/l #	1
23) Vinyl Acetate	6.40	43	40	2.224	ug/l #	76
27) cis-1,2-Dichloroethene	7.12	96	21	2.151	ug/l #	1
31) Cyclohexane	7.92	56	18	Below Cal	#	18
40) Benzene	8.37	78	119	4.200	ug/l #	51
42) 1,2-Dichloroethane	8.45	62	52	5.475	ug/l #	76
43) Isopropyl Acetate	8.39	43	19	1.837	ug/l #	53
48) Methyl methacrylate	9.40	41	26	5.356	ug/l #	9
51) 4-Methyl-2-Pentanone	10.12	43	29	5.431	ug/l #	38
53) t-1,3-Dichloropropene	10.63	75	26	2.556	ug/l #	44
56) Ethyl methacrylate	10.54	69	29	3.922	ug/l #	20
59) 2-Hexanone	10.92	43	29	7.800	ug/l #	26
60) Dibromochloromethane	11.11	129	340	51.191	ug/l #	32
64) Tetrachloroethene	11.04	164	19	4.270	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.91	131	41	8.030	ug/l #	9
67) Ethyl Benzene	11.72	91	48	1.951	ug/l #	44
69) o-Xylene	12.43	106	87	10.323	ug/l #	1
70) Styrene	12.21	104	19	1.267	ug/l #	25
71) Bromoform	12.47	173	123	45.862	ug/l #	89
76) 1,2,3-Trichloropropane	12.80	75	410	2.402	ug/l #	100
77) Bromobenzene	12.88	156	318027	1068.549	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.56	75	117	1.555	ug/l #	45
92) 1,2-Dibromo-3-Chloropropan	14.55	75	1774	42.712	ug/l #	1
95) Naphthalene	15.37	128	1773	2.872	ug/l #	75

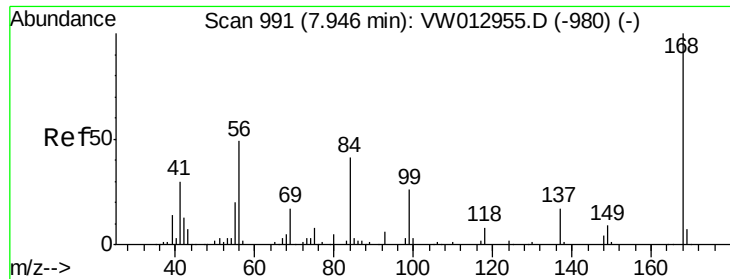
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

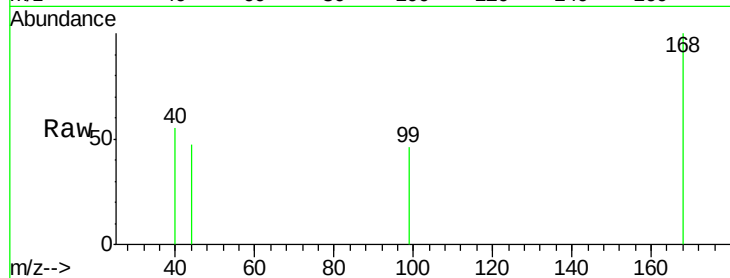
ROLL-OFF-SOIL

Tot Ion:168 Resp: 1103

Ion Ratio Lower Upper

168 100

99 46.1 46.2 69.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

400

300

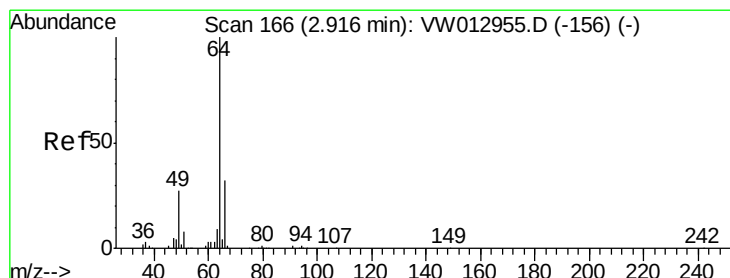
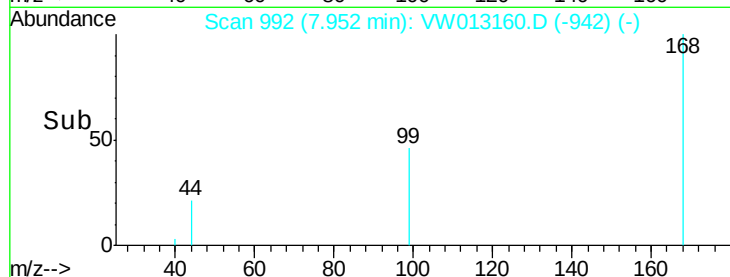
200

100

0

7.90 7.95 8.00 8.05

Time-->



#6

Chloroethane

Concen: 3.924 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.17 min

Lab File: VW013160.D

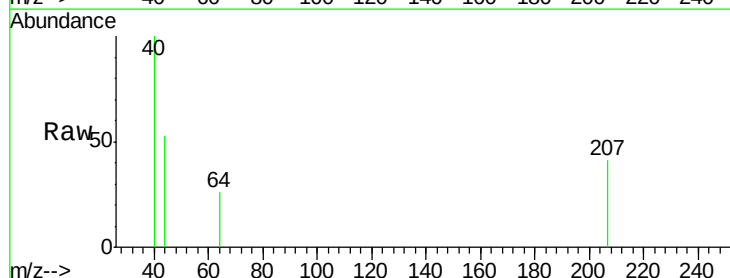
Acq: 19 Sep 2019 14:52

Tgt Ion: 64 Resp: 19

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.75

60

50

40

30

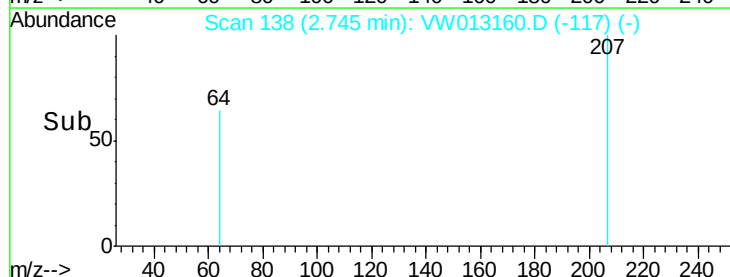
20

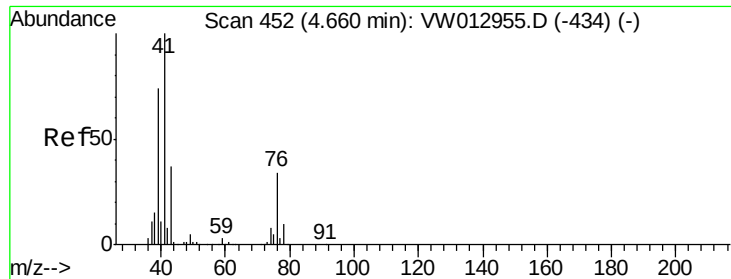
10

0

2.73 2.74 2.75 2.76

Time-->

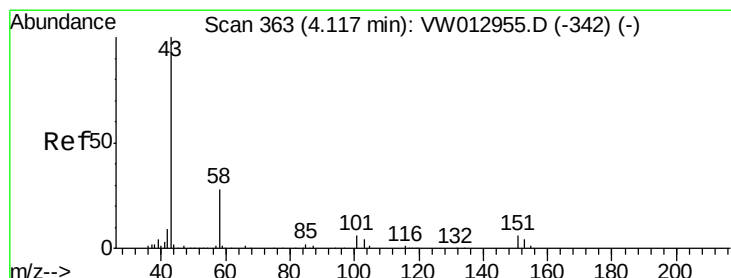
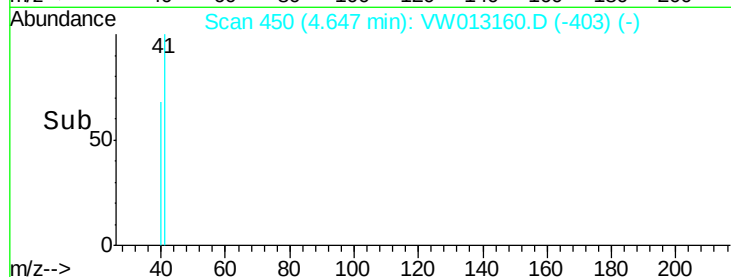
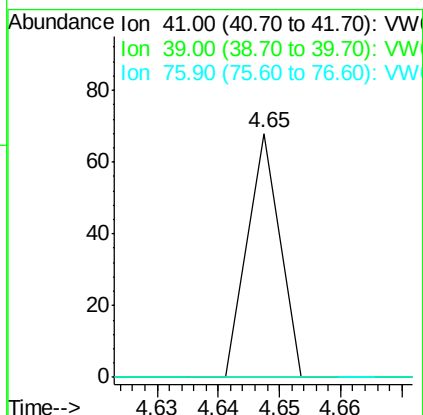
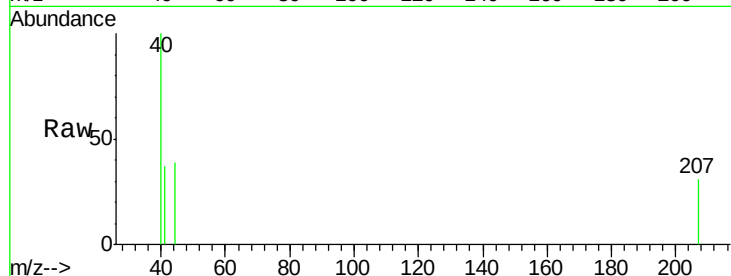




#14
Allvl chloride
Concen: 1.730 ug/l
RT: 4.65 min Scan# 450
Delta R.T. -0.01 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

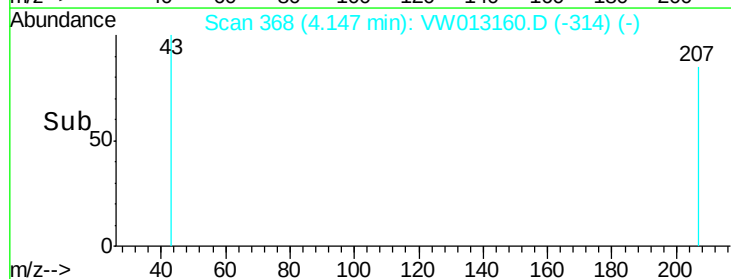
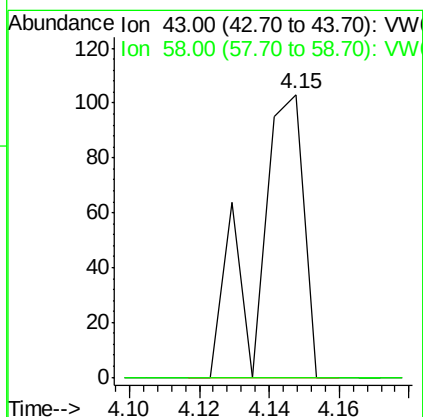
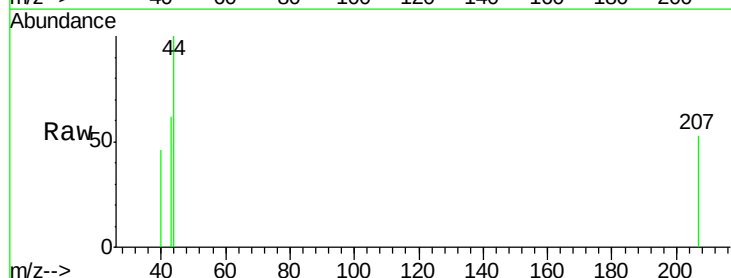
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

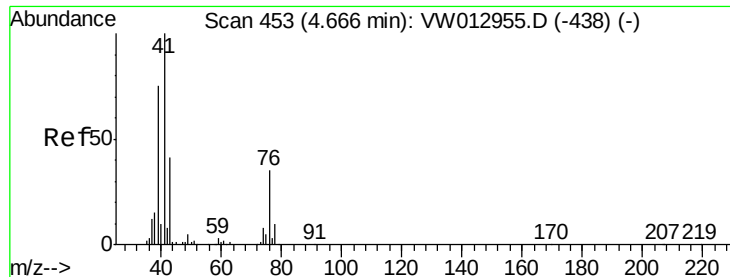
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	56.7	85.1#
76	0.0	25.1	37.7#



#16
Acetone
Concen: 25.907 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.3	33.5#

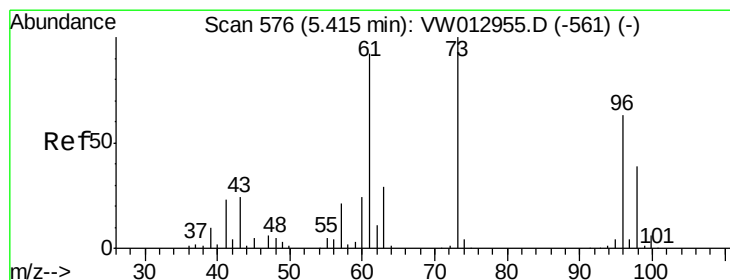
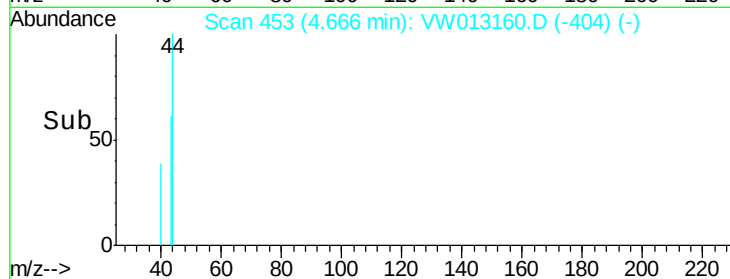
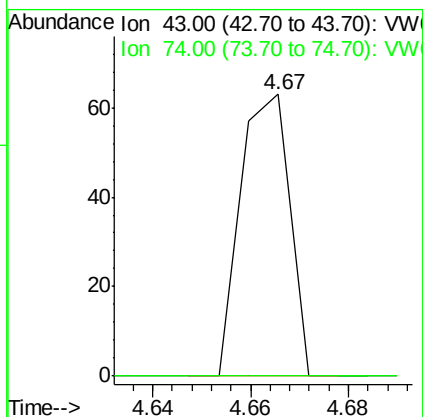
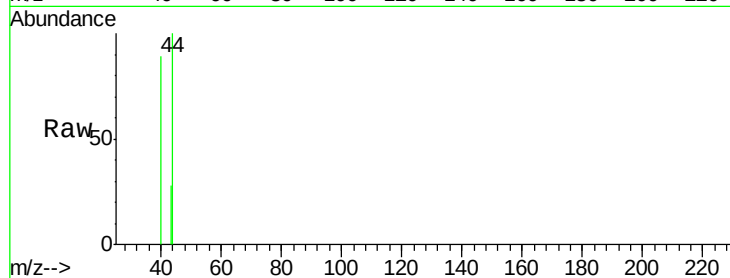




#18
Methyl Acetate
Concen: 7.581 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

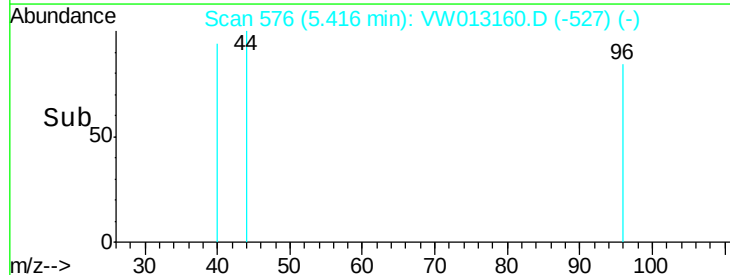
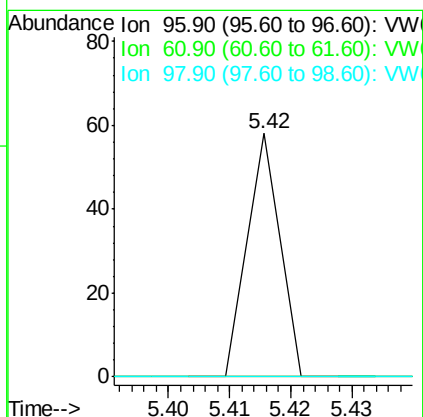
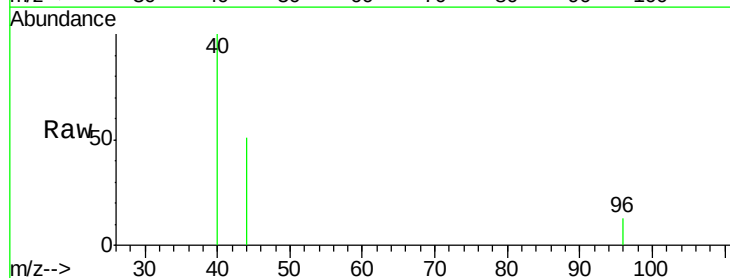
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

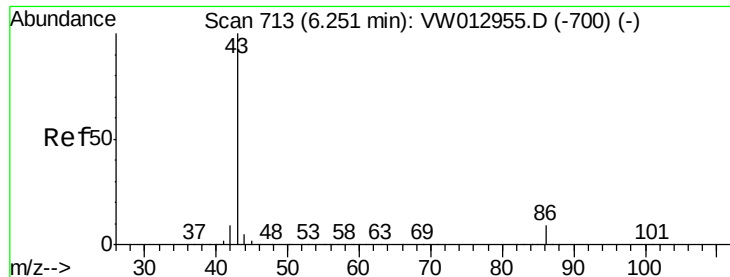
Tot Ion: 43 Resp: 44
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#21
trans-1,2-Dichloroethene
Concen: 2.575 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 116.2 174.2#
98 0.0 49.8 74.6#





#23

Vinyl Acetate

Concen: 2.224 ug/l

RT: 6.40 min Scan# 737

Delta R.T. 0.15 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampled :

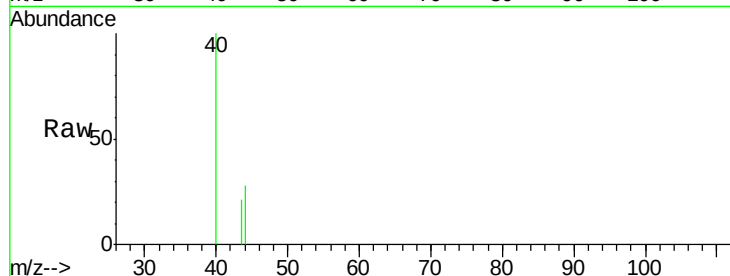
ROLL-OFF-SOIL

Tot Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.6#



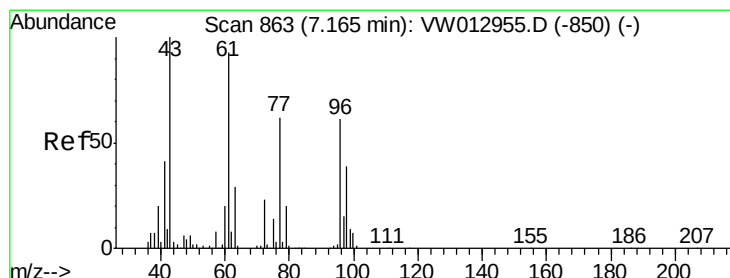
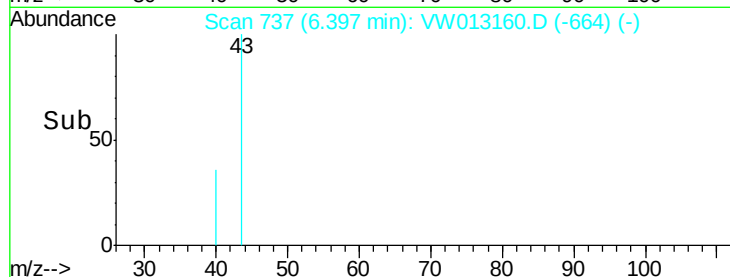
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.40

6.38 6.40 6.42

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.151 ug/l

RT: 7.12 min Scan# 856

Delta R.T. -0.04 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

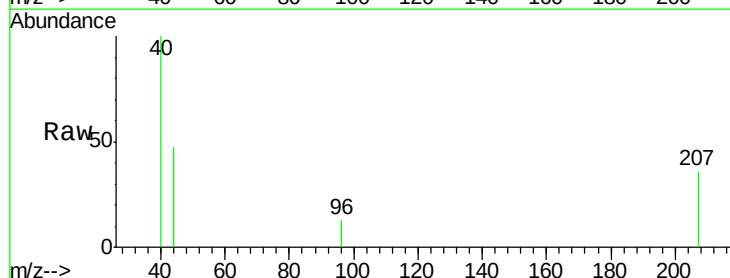
Tgt Ion: 96 Resp: 21

Ion Ratio Lower Upper

96 100

61 0.0 0.0 315.4

98 0.0 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VW

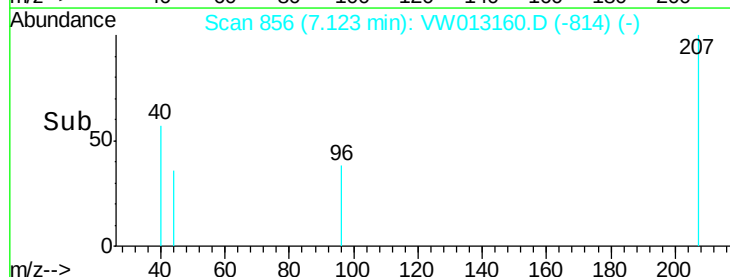
Ion 60.90 (60.60 to 61.60): VW

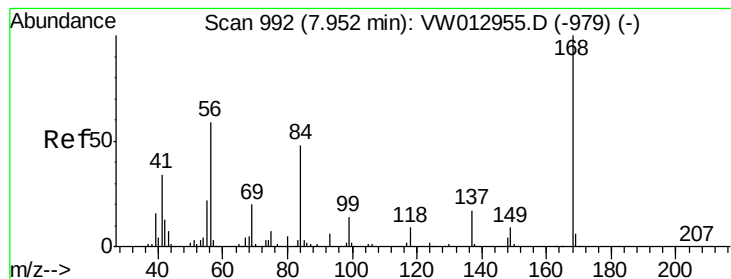
Ion 97.90 (97.60 to 98.60): VW

7.12

7.10 7.11 7.12 7.13 7.14

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 7.92 min Scan# 987

Delta R.T. -0.03 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-SOIL

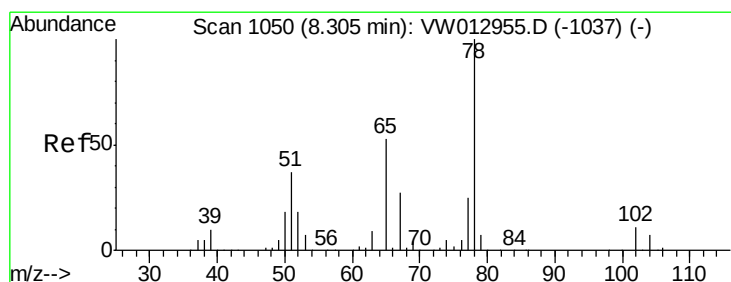
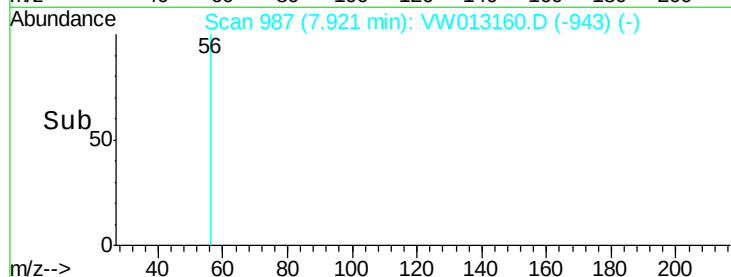
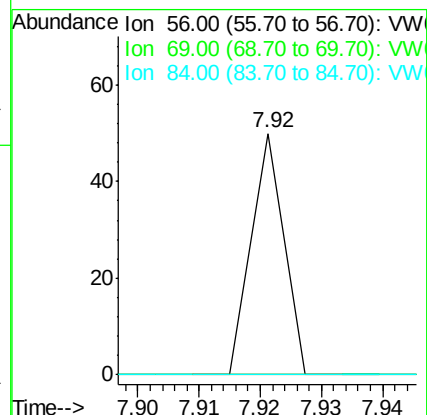
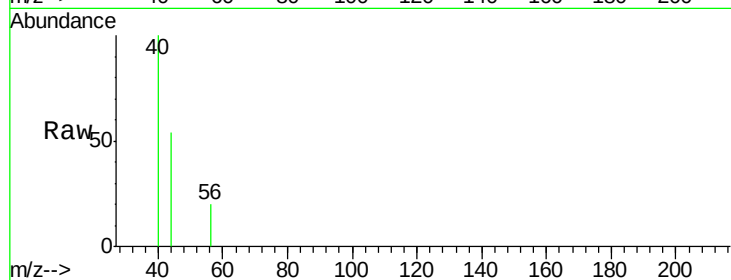
Tot Ion: 56 Resp: 18

Ion Ratio Lower Upper

56 100

69 0.0 27.0 40.6#

84 0.0 66.2 99.2#



#33

1,2-Dichloroethane-d4

Concen: 57.524 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013160.D

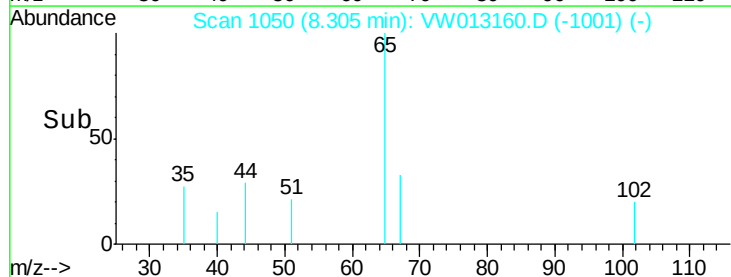
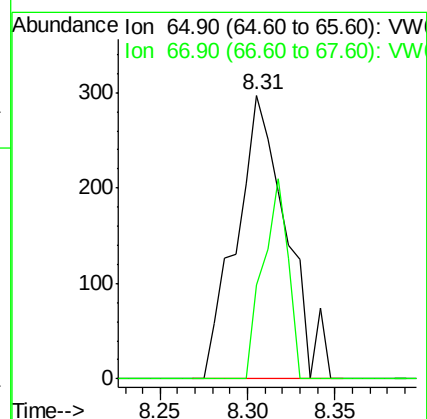
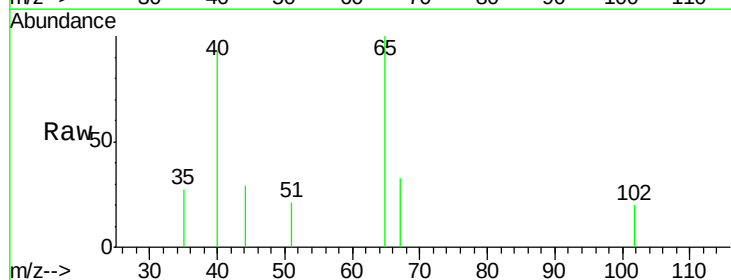
Acq: 19 Sep 2019 14:52

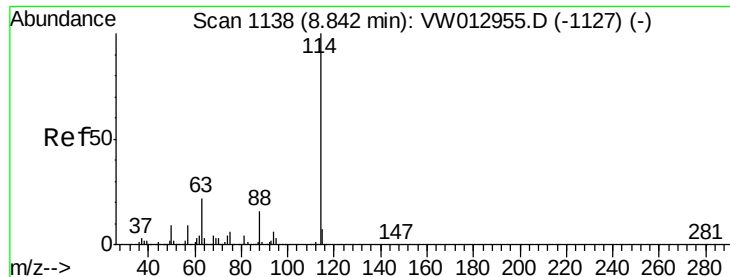
Tgt Ion: 65 Resp: 586

Ion Ratio Lower Upper

65 100

67 35.7 0.0 101.2

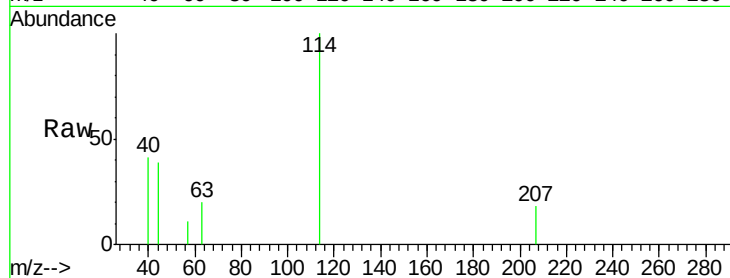




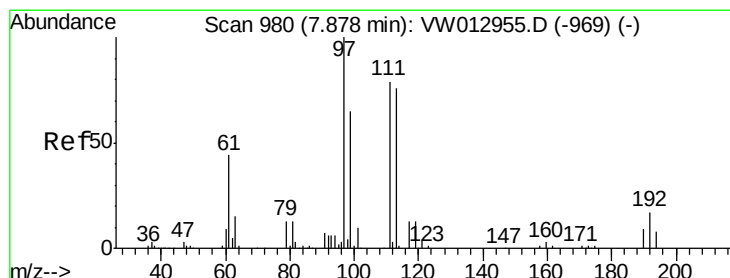
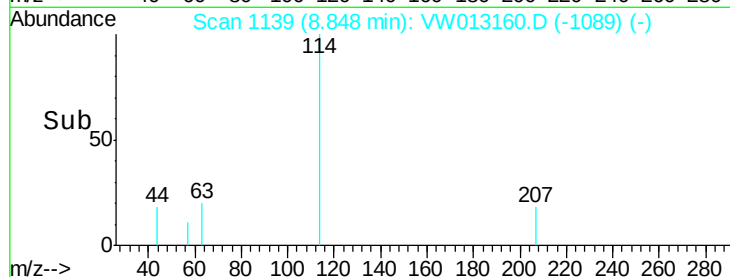
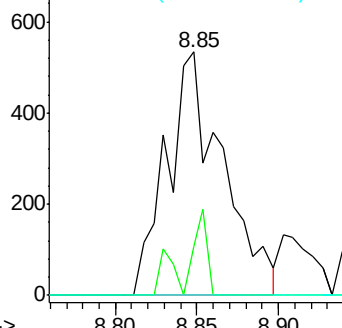
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013160.D
 Acq: 19 Sep 2019 14:52

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-SOIL

Tot Ion:114 Resp: 1270
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.4
 88 0.0 0.0 31.6

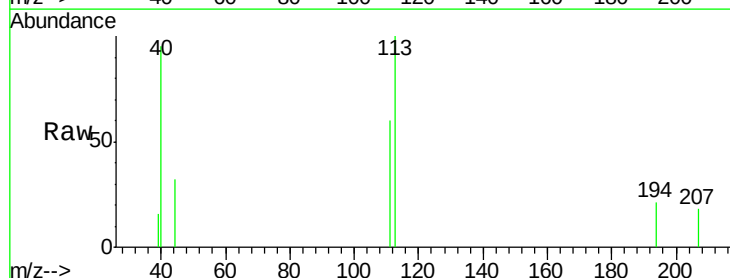


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

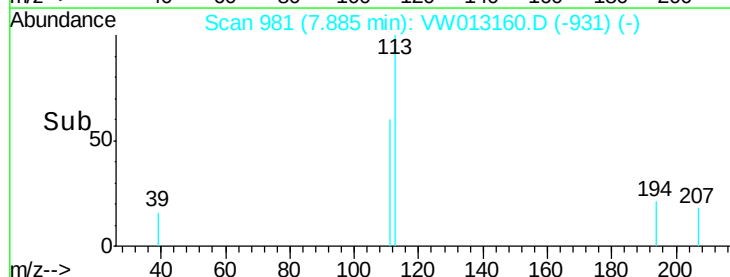
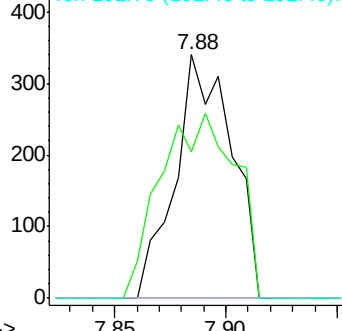


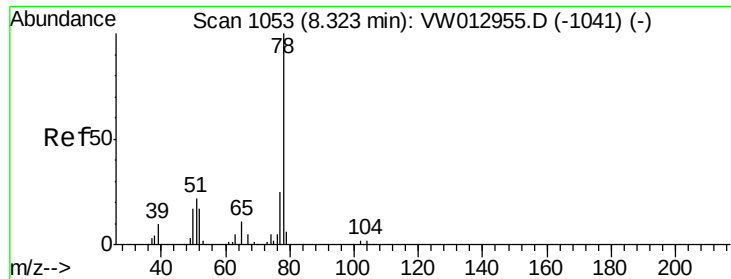
#35
 Dibromofluoromethane
 Concen: 87.213 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013160.D
 Acq: 19 Sep 2019 14:52

Tgt Ion:113 Resp: 601
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.8 124.2
 192 0.0 17.8 26.8#



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





#40

Benzene

Concen: 4.200 ug/l

RT: 8.37 min Scan# 1061

Delta R.T. 0.05 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

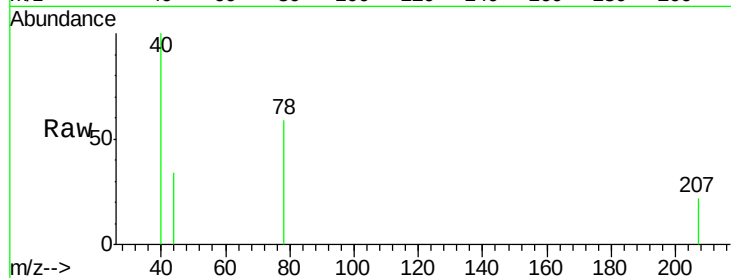
ROLL-OFF-SOIL

Tot Ion: 78 Resp: 119

Ion Ratio Lower Upper

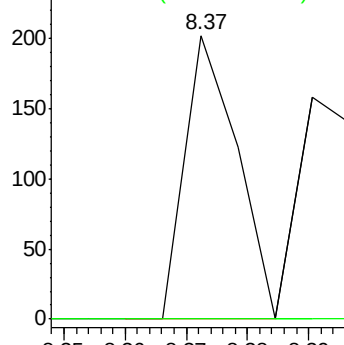
78 100

77 0.0 19.6 29.4#

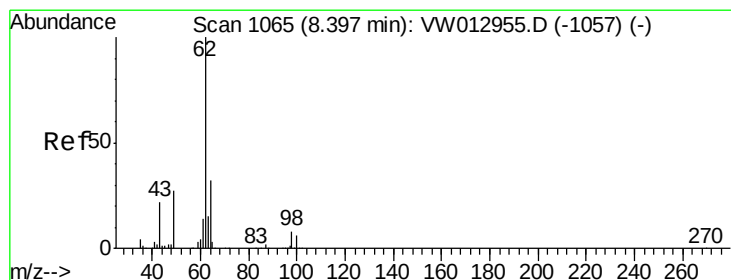
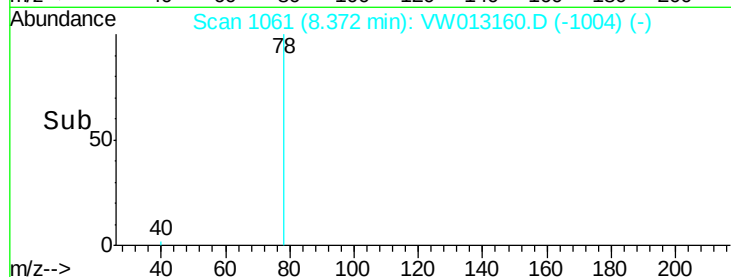


Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->



#42

1,2-Dichloroethane

Concen: 5.475 ug/l

RT: 8.45 min Scan# 1074

Delta R.T. 0.05 min

Lab File: VW013160.D

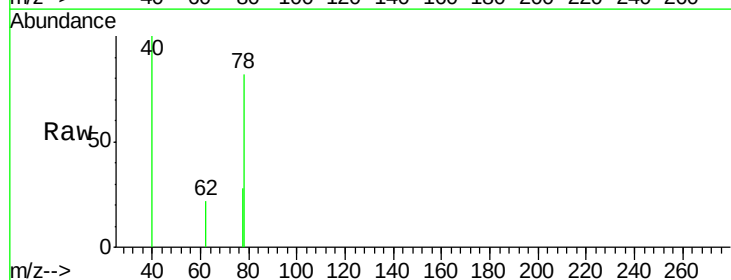
Acq: 19 Sep 2019 14:52

Tgt Ion: 62 Resp: 52

Ion Ratio Lower Upper

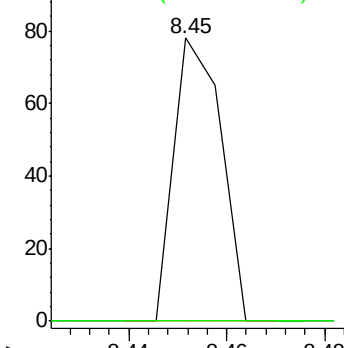
62 100

98 0.0 0.0 16.8

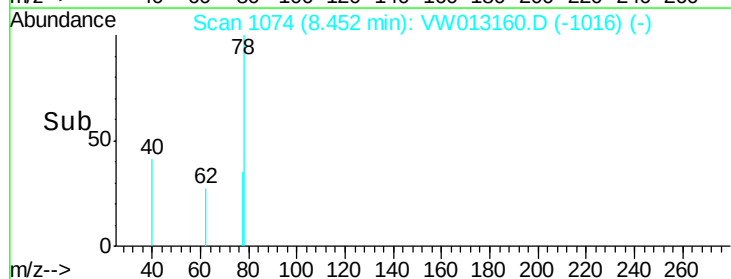


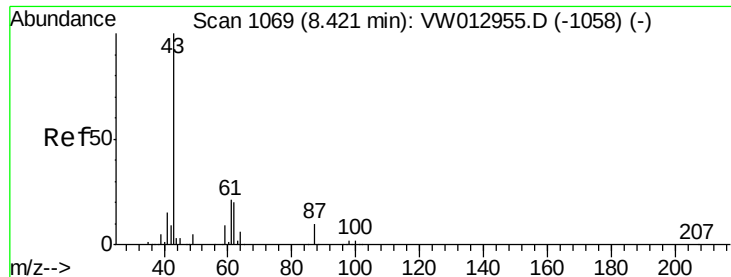
Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



Time-->





#43

Isopropyl Acetate

Concen: 1.837 ug/l

RT: 8.39 min Scan# 1064

Delta R.T. -0.03 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-SOIL

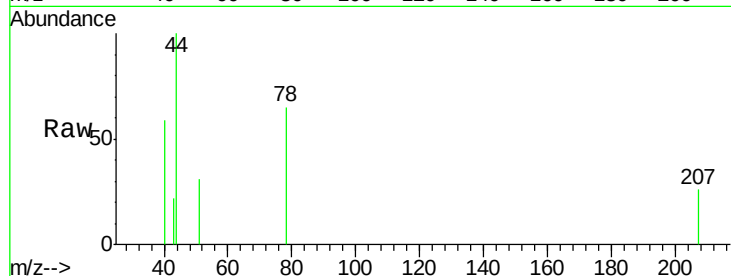
Tot Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 22.7 34.1#

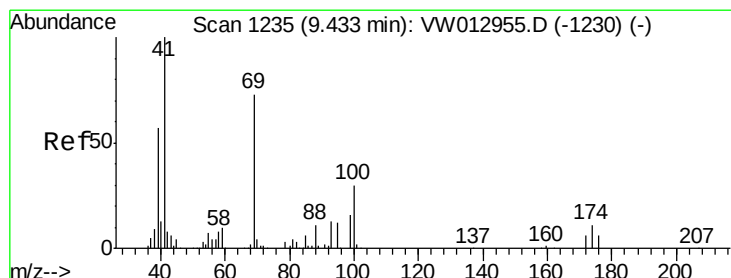
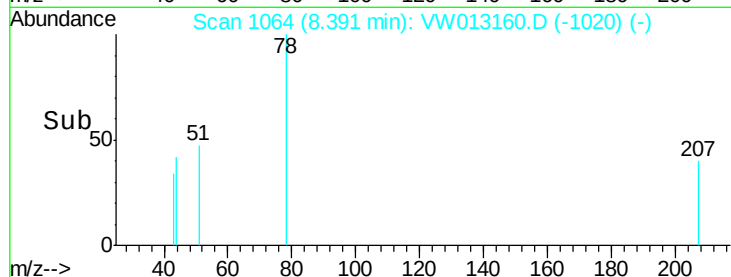
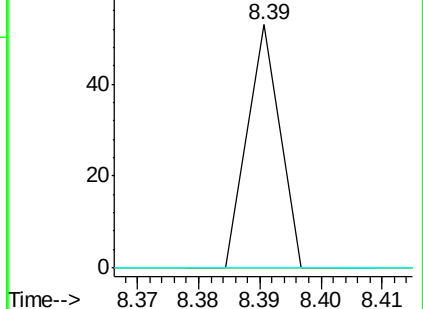
87 0.0 9.4 14.2#



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



#48

Methyl methacrylate

Concen: 5.356 ug/l

RT: 9.40 min Scan# 1229

Delta R.T. -0.04 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

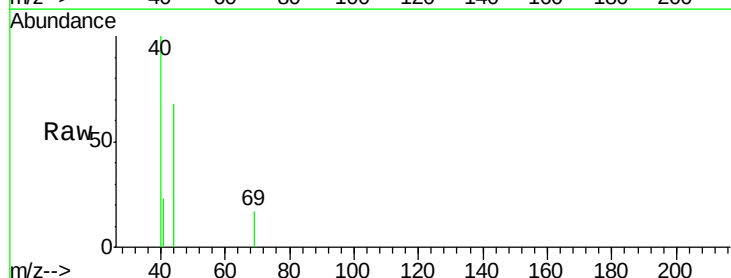
Tgt Ion: 41 Resp: 26

Ion Ratio Lower Upper

41 100

69 165.4 62.8 94.2#

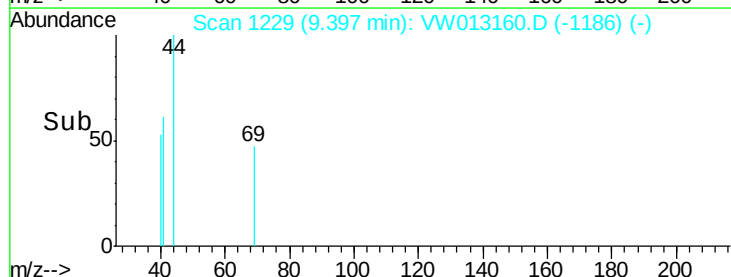
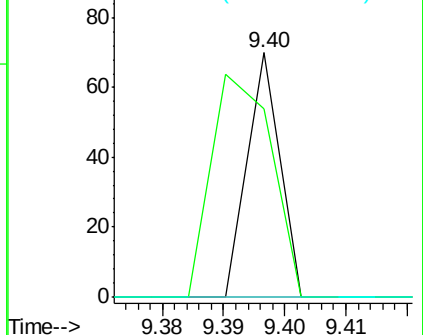
39 0.0 48.5 72.7#

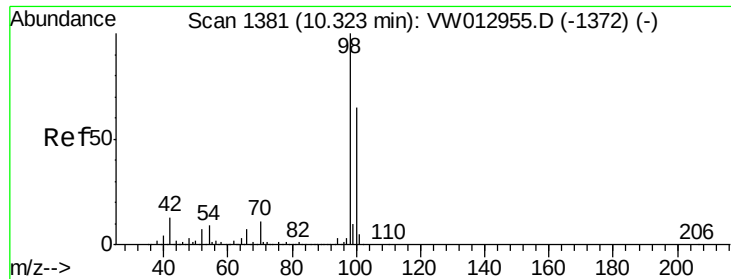


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

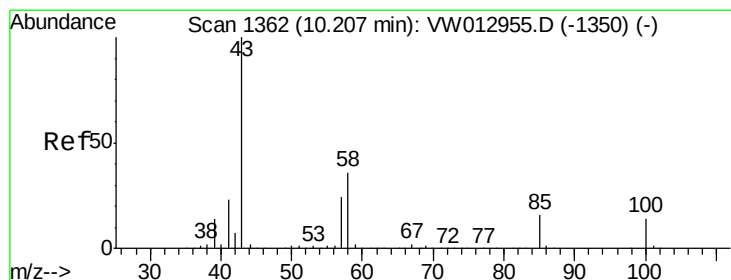
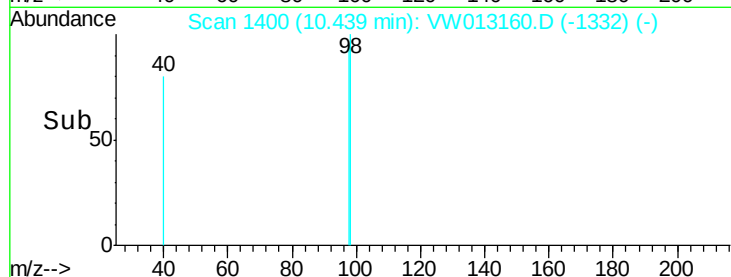
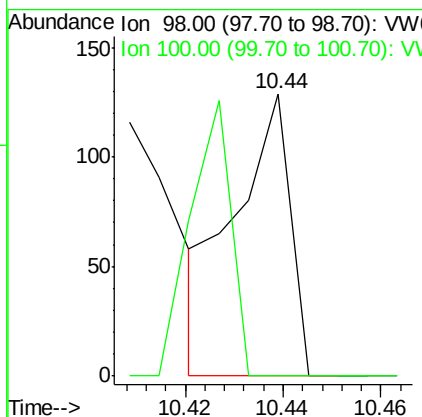
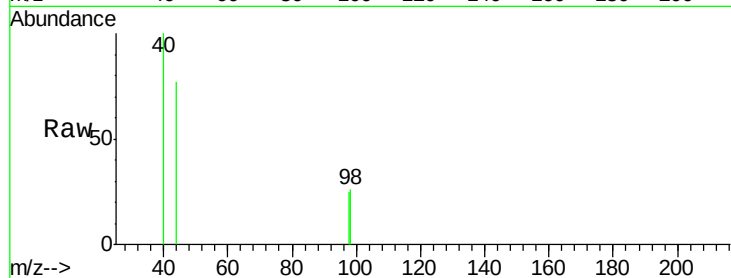




#50
Toluene-d8
Concen: 3.708 ug/l
RT: 10.44 min Scan# 1400
Delta R.T. 0.12 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

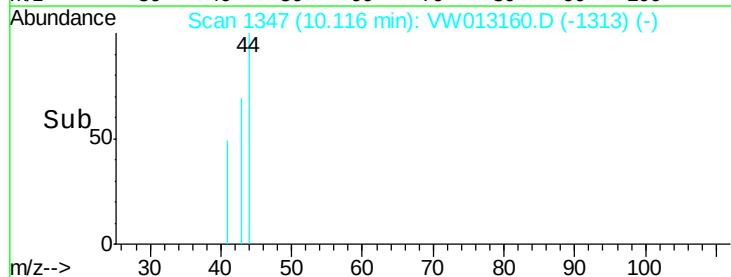
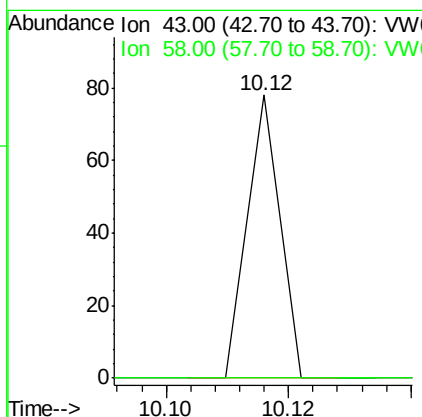
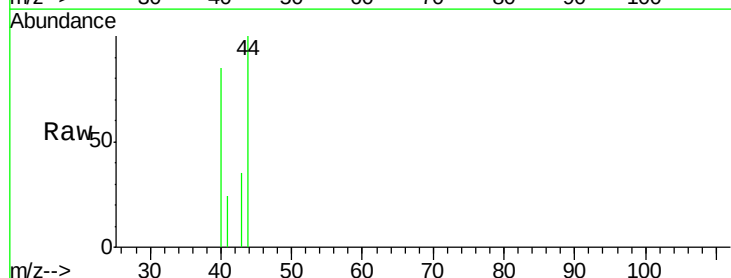
Instrument :
MSVOA_W
ClientSampled :
ROLL-OFF-SOIL

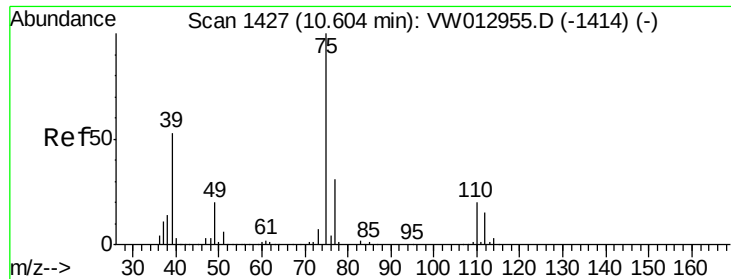
Tot Ion: 98 Resp: 100
Ion Ratio Lower Upper
98 100
100 72.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 5.431 ug/l
RT: 10.12 min Scan# 1347
Delta R.T. -0.09 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#53

t-1,3-Dichloropropene

Concen: 2.556 ug/l

RT: 10.63 min Scan# 1431

Delta R.T. 0.02 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

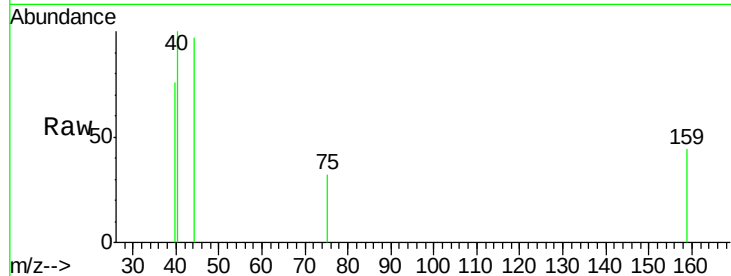
ROLL-OFF-SOIL

Tot Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

77 0.0 24.6 37.0#

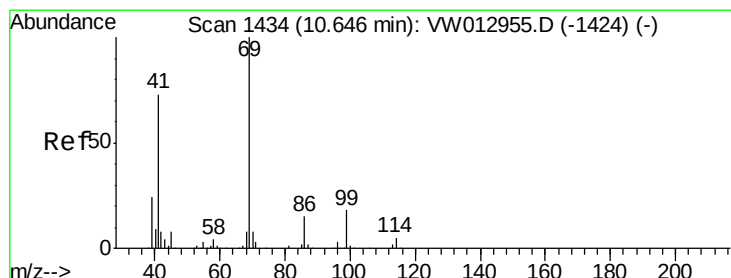
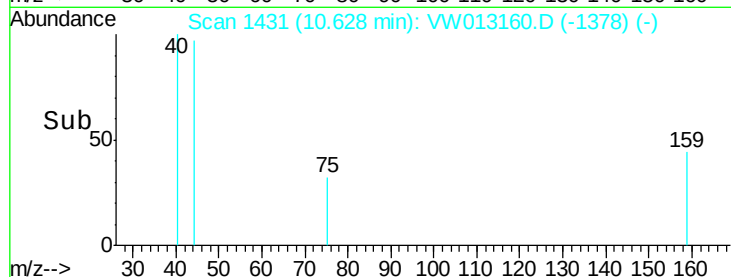


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.63

Time-->



#56

Ethyl methacrylate

Concen: 3.922 ug/l

RT: 10.54 min Scan# 1416

Delta R.T. -0.11 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

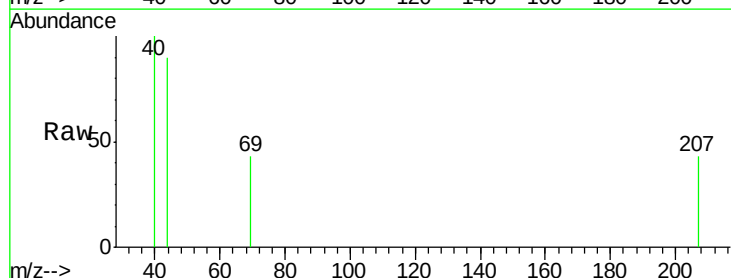
Tgt Ion: 69 Resp: 29

Ion Ratio Lower Upper

69 100

41 0.0 60.8 91.2#

39 0.0 29.4 44.0#



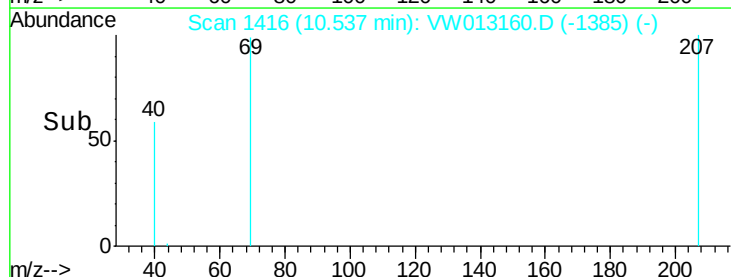
Abundance Ion 69.00 (68.70 to 69.70): VW

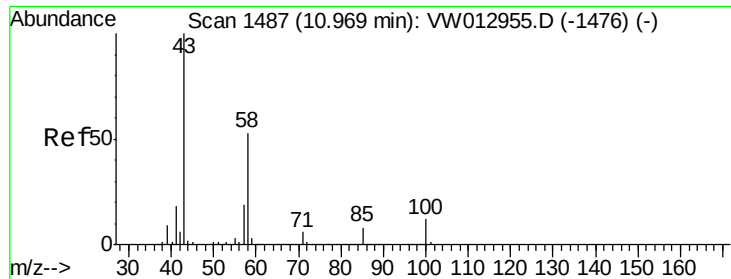
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

10.54

Time-->

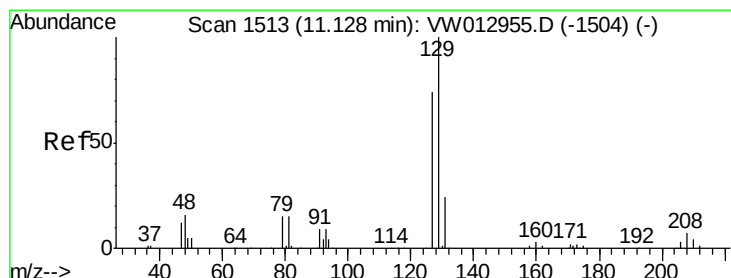
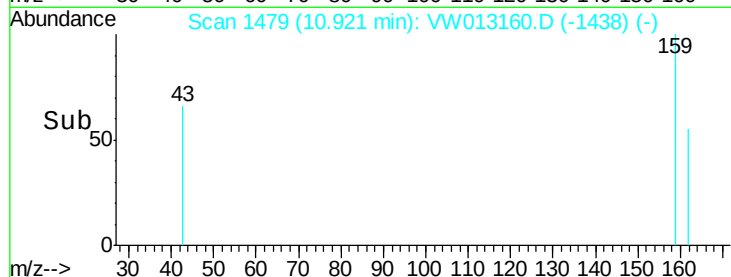
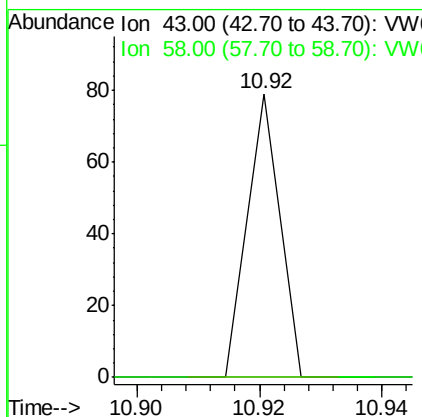
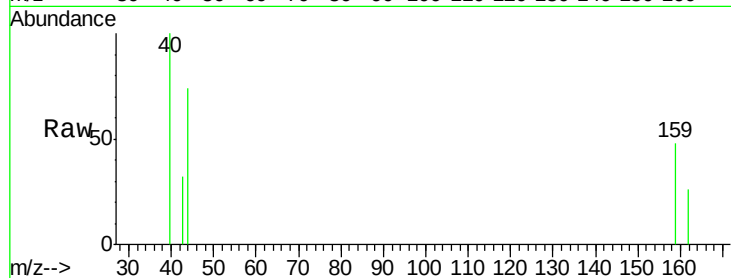




#59
2-Hexanone
Concen: 7.800 ug/l
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

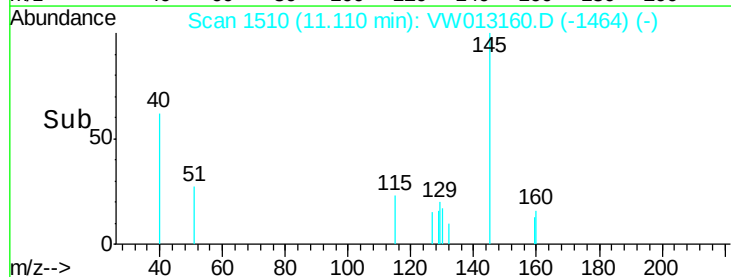
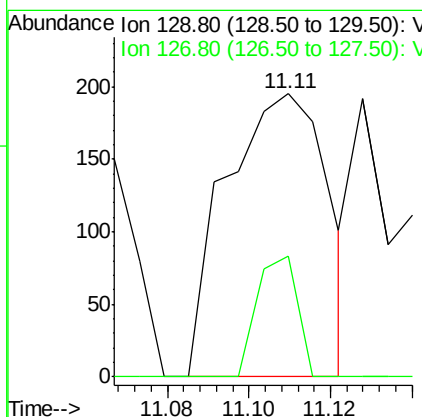
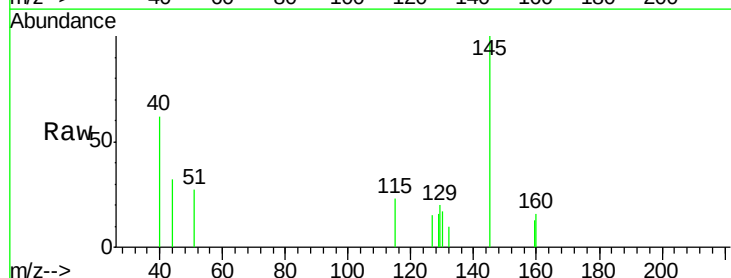
Instrument :
MSVOA_W
ClientSampled :
ROLL-OFF-SOIL

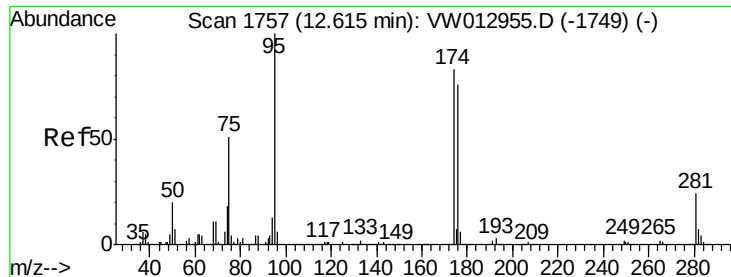
Tot Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
58 0.0 25.8 77.3#



#60
Dibromochloromethane
Concen: 51.191 ug/l
RT: 11.11 min Scan# 1510
Delta R.T. -0.02 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Tgt Ion: 129 Resp: 340
Ion Ratio Lower Upper
129 100
127 16.8 37.4 112.2#

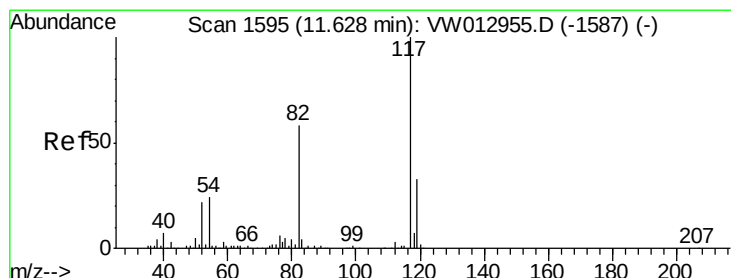
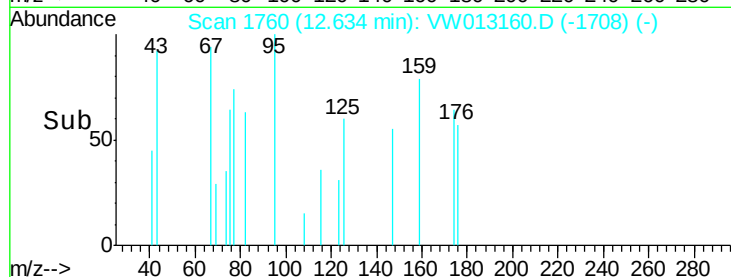
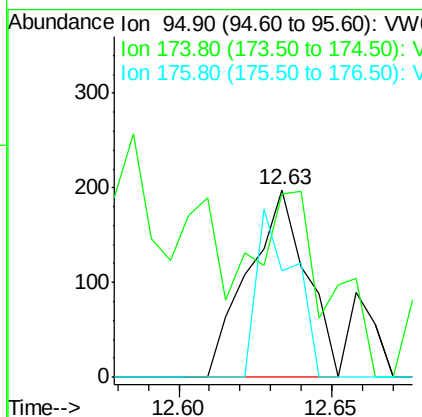
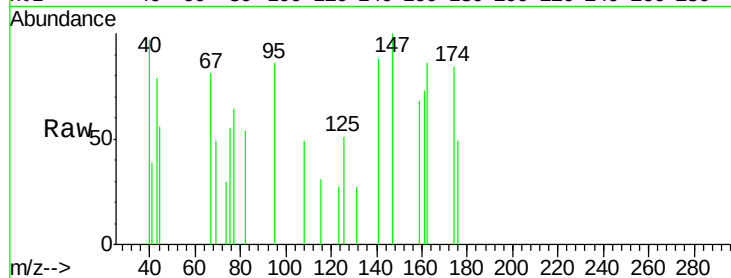




#62
4-Bromofluorobenzene
Concen: 26.814 ug/l
RT: 12.63 min Scan# 1760
Delta R.T. 0.02 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

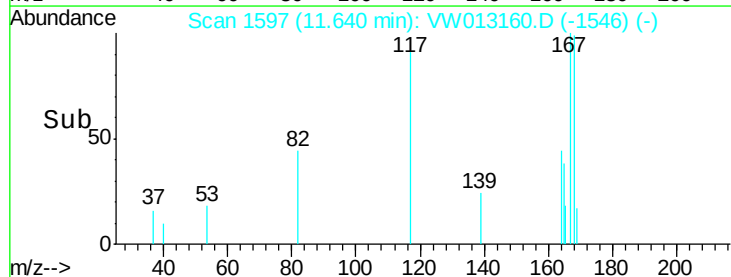
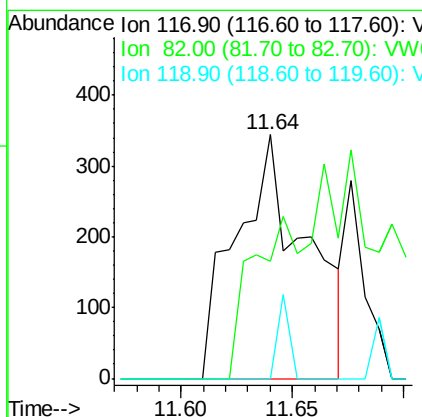
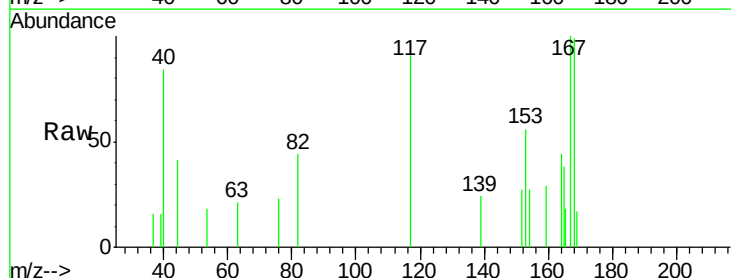
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

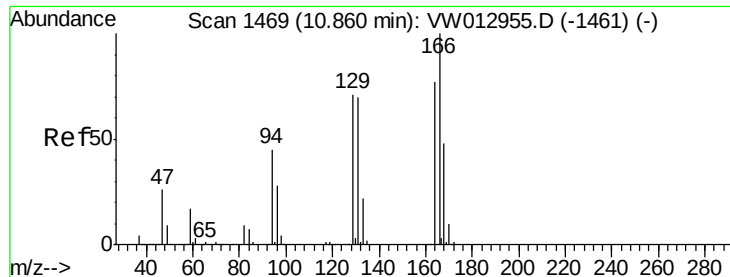
Tot Ion: 95 Resp: 260
Ion Ratio Lower Upper
95 100
174 91.5 0.0 170.4
176 58.1 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Tgt Ion: 117 Resp: 748
Ion Ratio Lower Upper
117 100
82 48.3 46.3 69.5
119 0.0 26.2 39.4#





#64

Tetrachloroethene

Concen: 4.270 ug/l

RT: 11.04 min Scan# 1499

Delta R.T. 0.18 min

Lab File: VW013160.D

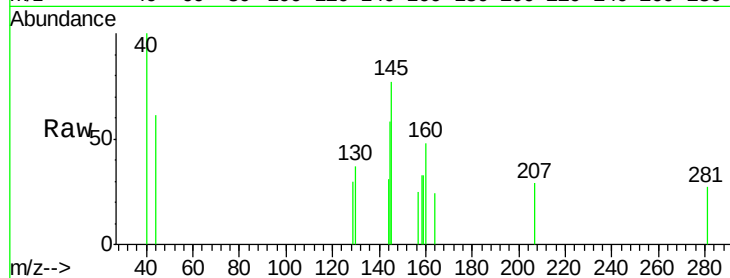
Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-SOIL



Tot Ion:164 Resp: 19

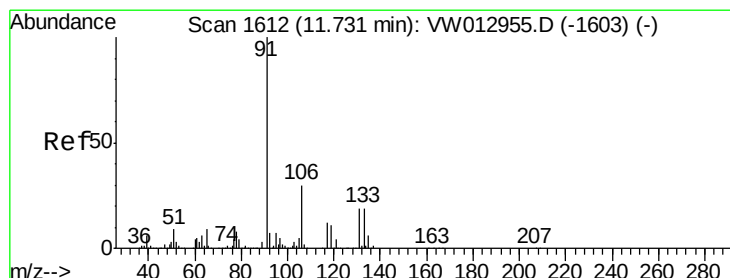
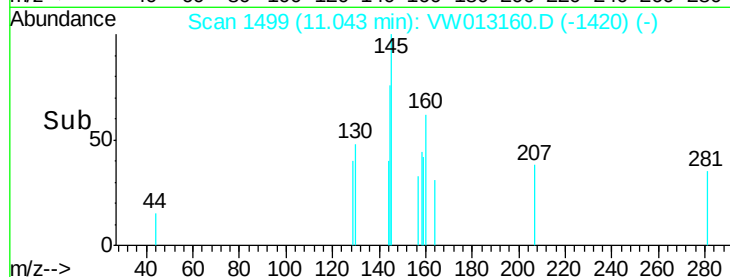
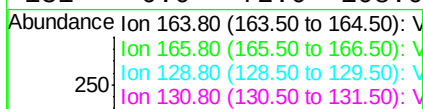
Ion Ratio Lower Upper

164 100

166 0.0 103.3 154.9#

129 0.0 73.8 110.8#

131 0.0 72.0 108.0#



#66

1,1,1,2-Tetrachloroethane

Concen: 8.030 ug/l

RT: 11.91 min Scan# 1641

Delta R.T. 0.18 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

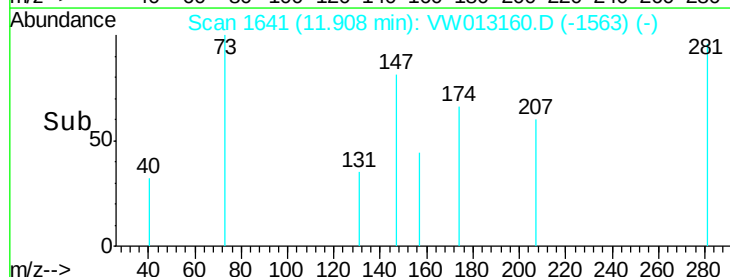
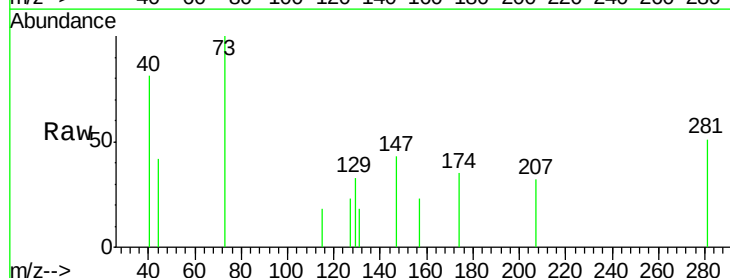
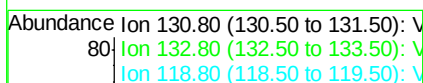
Tgt Ion:131 Resp: 41

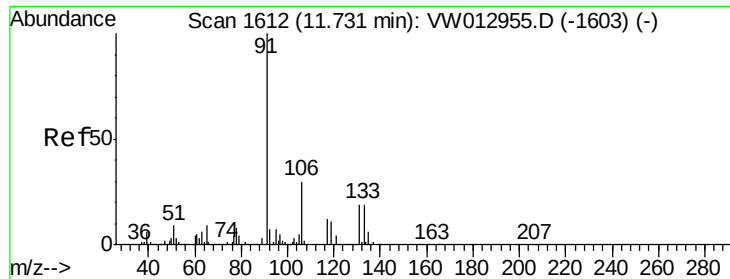
Ion Ratio Lower Upper

131 100

133 0.0 47.9 143.8#

119 0.0 30.9 92.7#

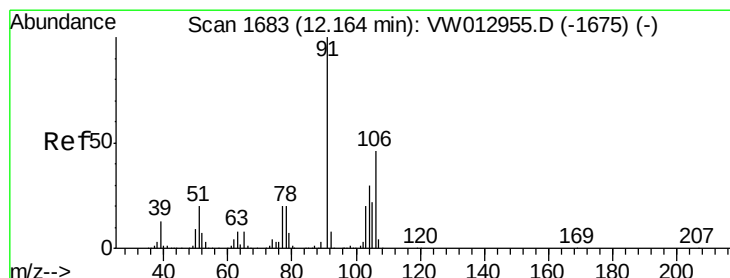
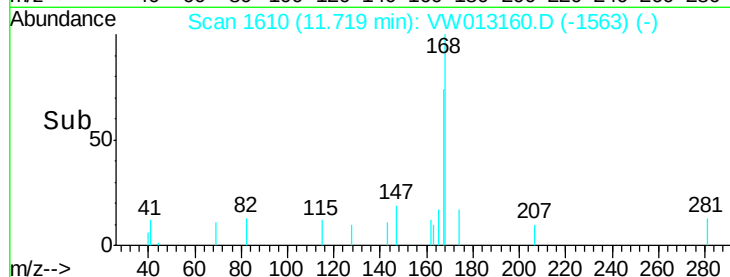
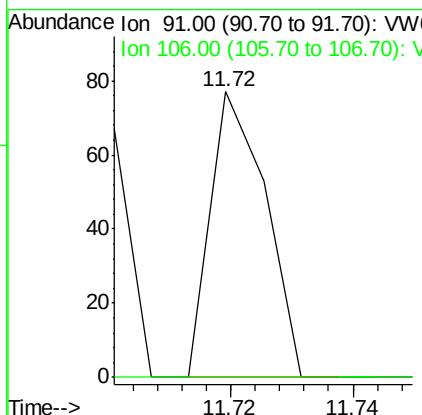
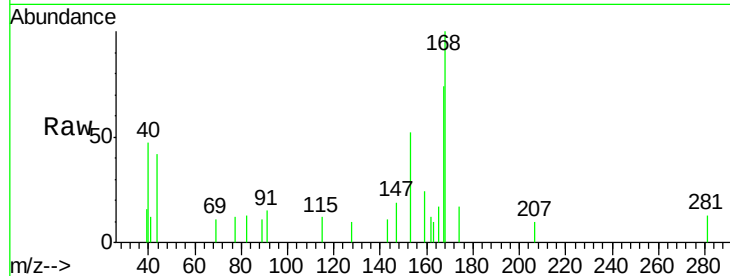




#67
Ethyl Benzene
Concen: 1.951 ug/l
RT: 11.72 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

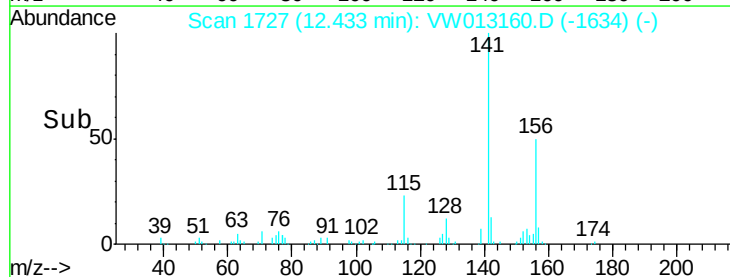
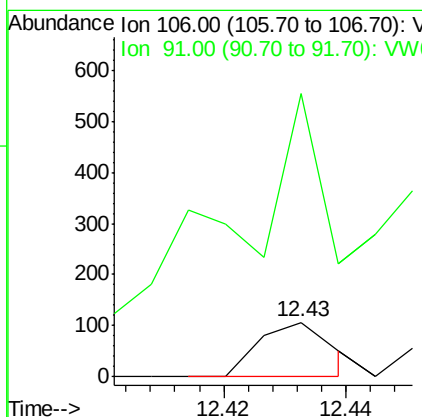
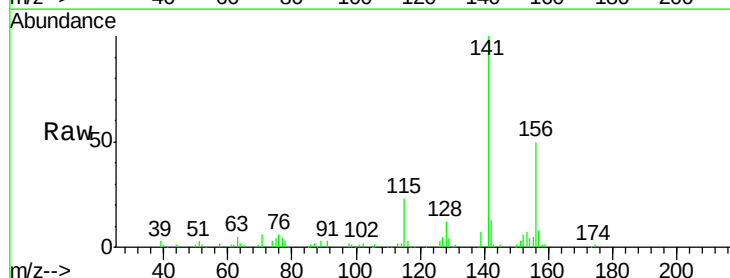
Instrument :
MSVOA_W
ClientSampled :
ROLL-OFF-SOIL

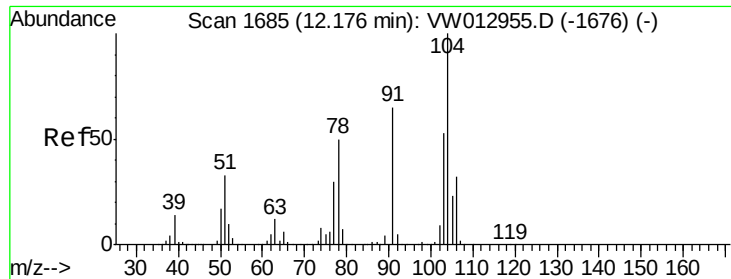
Tot Ion: 91 Resp: 48
Ion Ratio Lower Upper
91 100
106 0.0 24.3 36.5#



#69
o-Xylene
Concen: 10.323 ug/l
RT: 12.43 min Scan# 1727
Delta R.T. 0.27 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Tgt Ion: 106 Resp: 87
Ion Ratio Lower Upper
106 100
91 467.8 109.7 329.0#

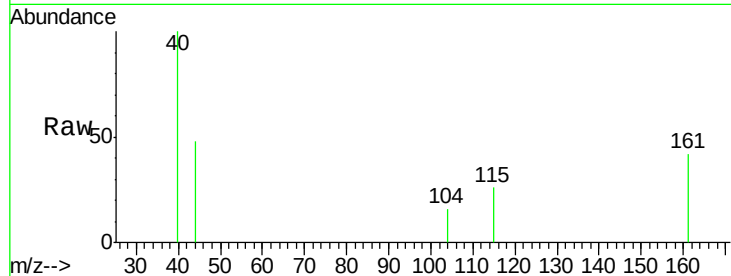




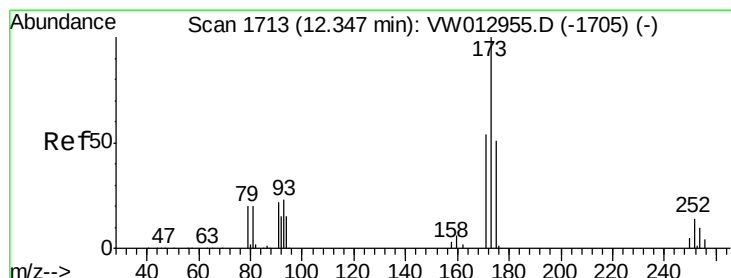
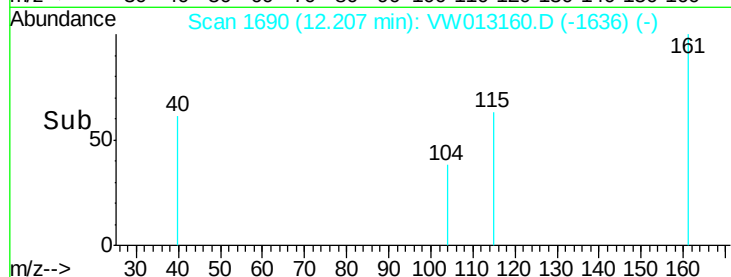
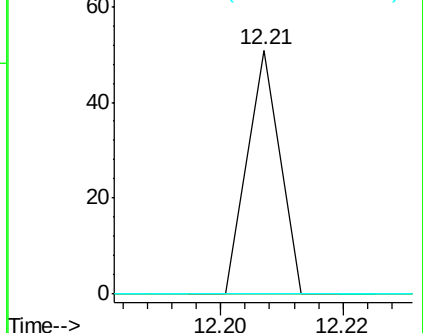
#70
Stvrene
Concen: 1.267 ug/l
RT: 12.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-SOIL

Tot Ion:104 Resp: 19
Ion Ratio Lower Upper
104 100
78 0.0 42.1 63.1#
103 0.0 44.2 66.4#

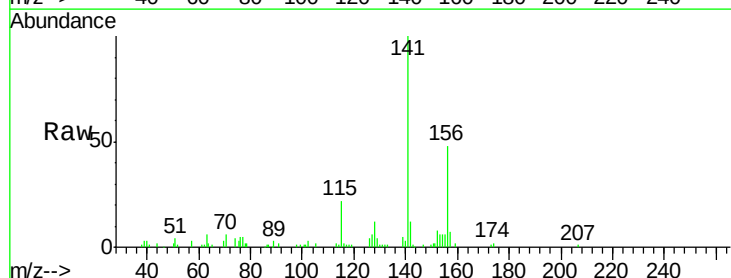


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

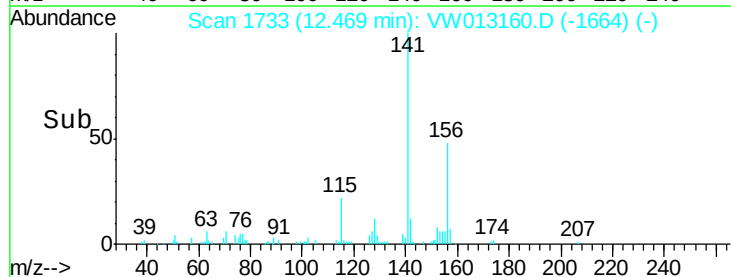
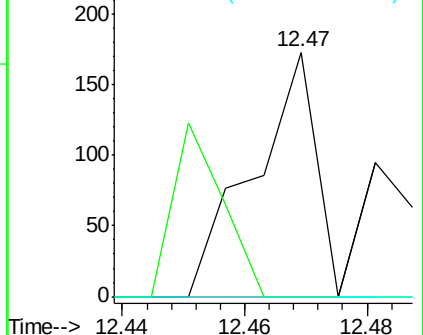


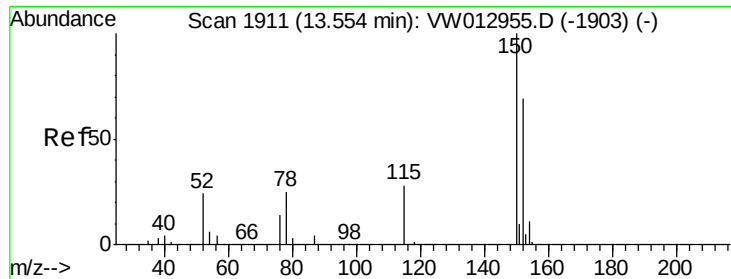
#71
Bromoform
Concen: 45.862 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.12 min
Lab File: VW013160.D
Acq: 19 Sep 2019 14:52

Tgt Ion:173 Resp: 123
Ion Ratio Lower Upper
173 100
175 56.1 24.2 72.6
254 0.0 0.1 0.1#



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: 13.47 min Scan# 1897

Delta R.T. -0.09 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-SOIL

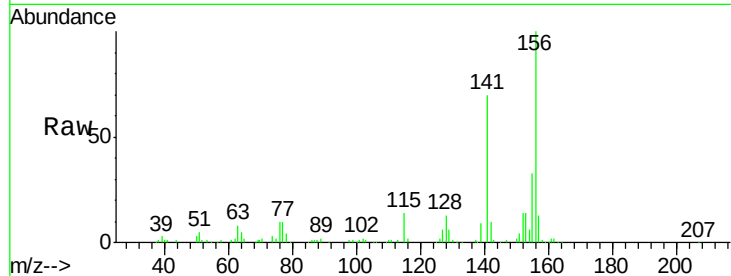
Tot Ion:152 Resp: 19491

Ion Ratio Lower Upper

152 100

115 110.7 28.8 86.4#

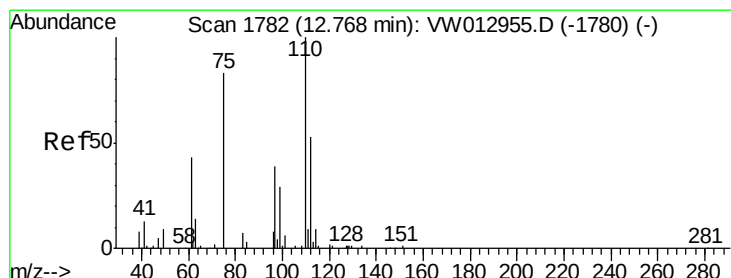
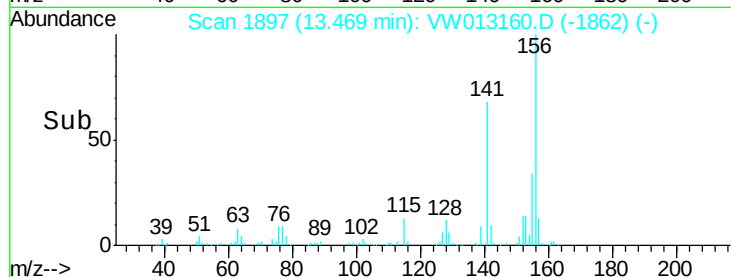
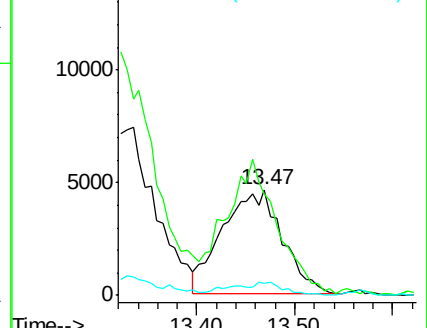
150 11.2 0.0 340.2



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



#76

1,2,3-Trichloropropane

Concen: 2.402 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW013160.D

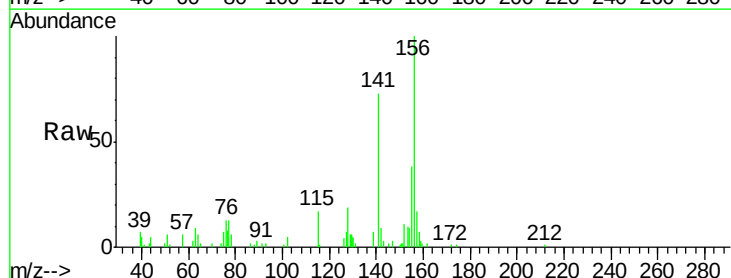
Acq: 19 Sep 2019 14:52

Tgt Ion: 75 Resp: 410

Ion Ratio Lower Upper

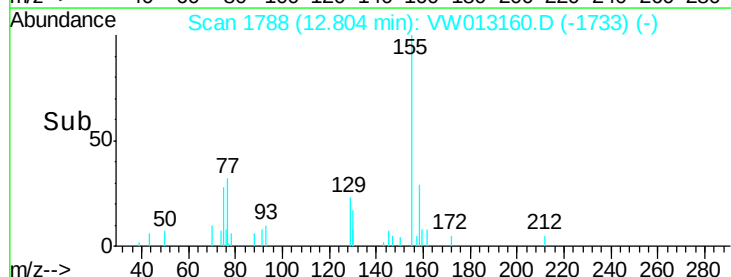
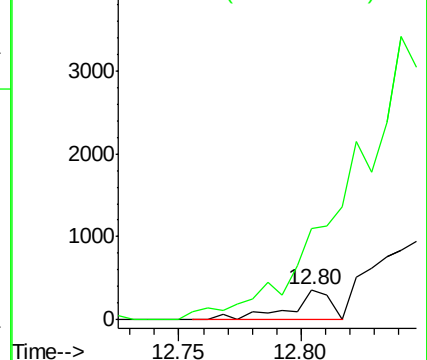
75 100

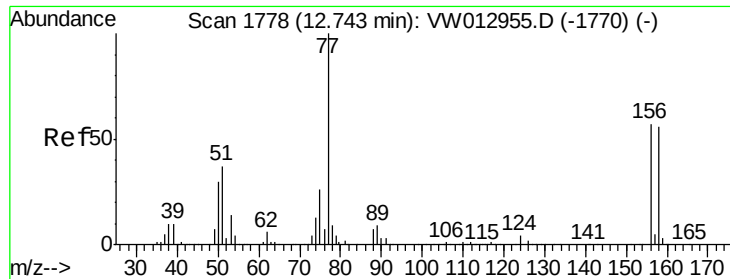
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1068.549 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. 0.14 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

ROLL-OFF-SOIL

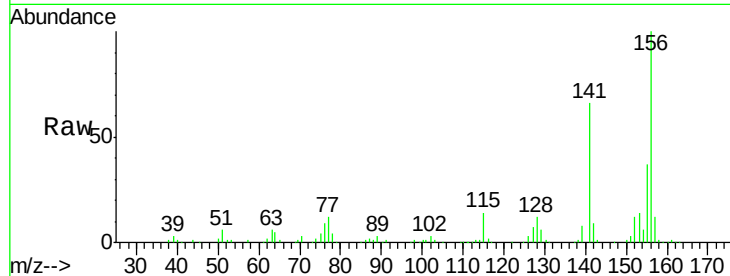
Tot Ion:156 Resp: 318027

Ion Ratio Lower Upper

156 100

77 11.5 95.2 285.6#

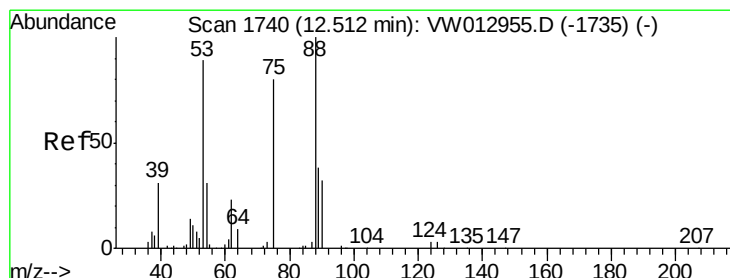
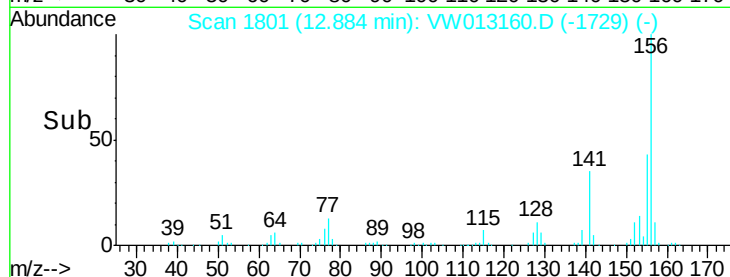
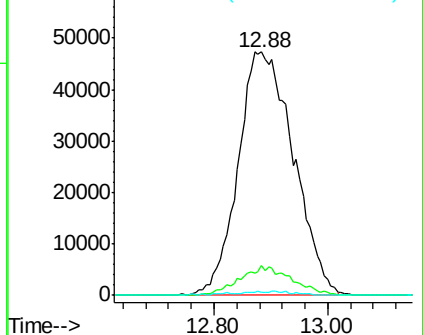
158 0.5 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.555 ug/l

RT: 12.56 min Scan# 1748

Delta R.T. 0.05 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

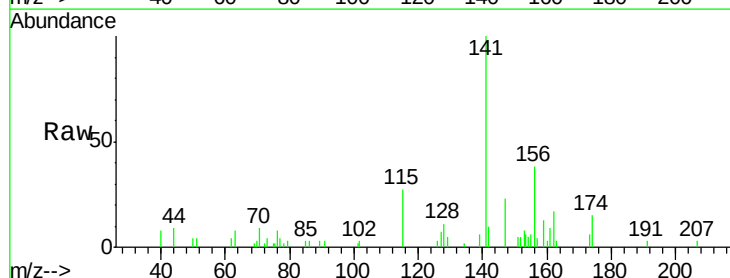
Tgt Ion: 75 Resp: 117

Ion Ratio Lower Upper

75 100

53 57.3 85.6 128.4#

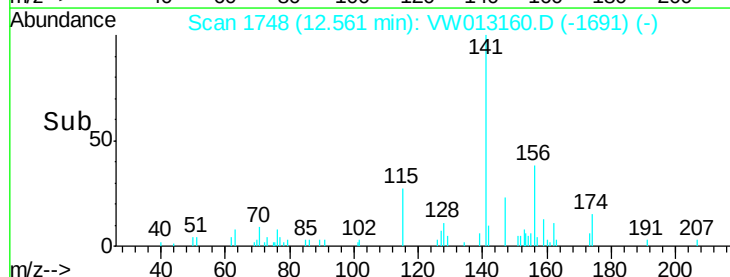
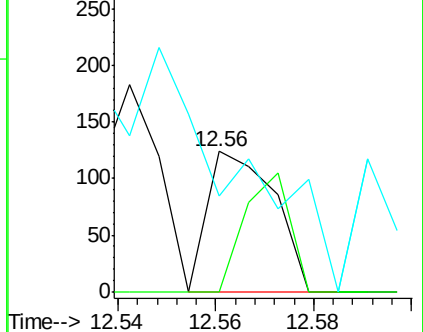
89 0.0 37.2 55.8#

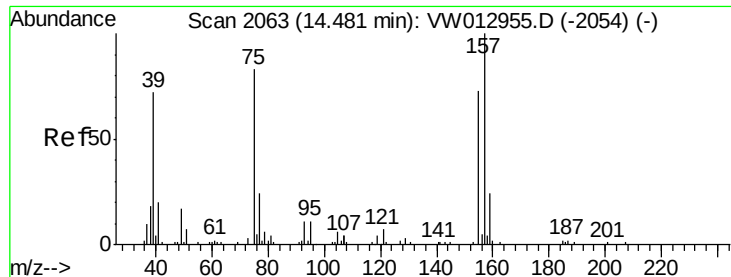


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92

1,2-Dibromo-3-Chloropropane

Concen: 42.712 ug/l

RT: 14.55 min Scan# 2074

Delta R.T. 0.07 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

Instrument :

MSVOA_W

ClientSampled :

ROLL-OFF-SOIL

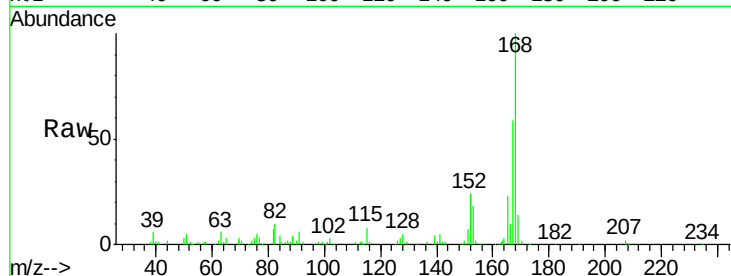
Tot Ion: 75 Resp: 1774

Ion Ratio Lower Upper

75 100

155 0.0 43.3 129.9#

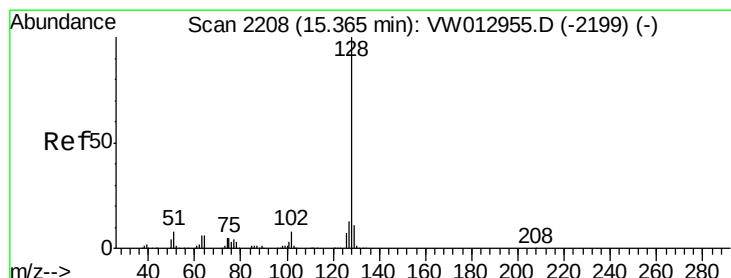
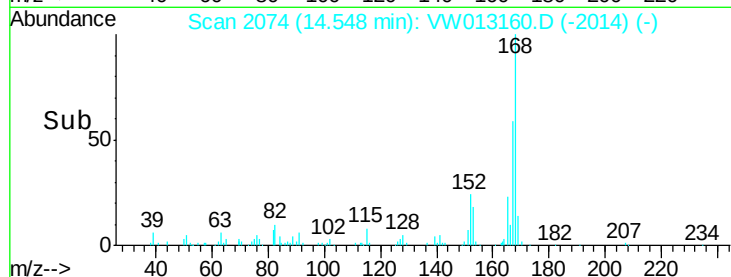
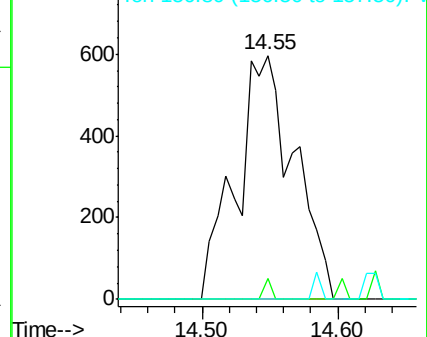
157 0.0 54.7 164.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.872 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW013160.D

Acq: 19 Sep 2019 14:52

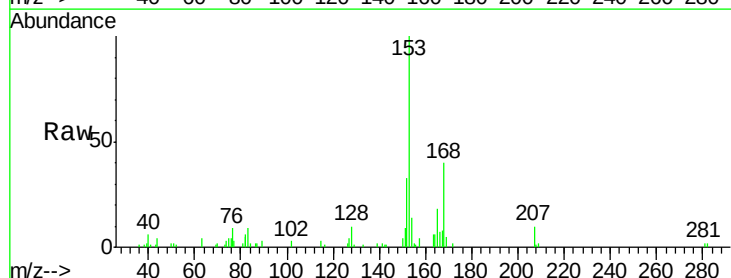
Tgt Ion: 128 Resp: 1773

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.6#

129 16.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

