

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042319\
 Data File : VN055212.D
 Acq On : 23 Apr 2019 17:45
 Operator : JC/SP
 Sample : K2526-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-ROLLOFFS

Quant Time: Apr 24 02:52:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	391892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	654598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181783	50.00	ug/l	0.00

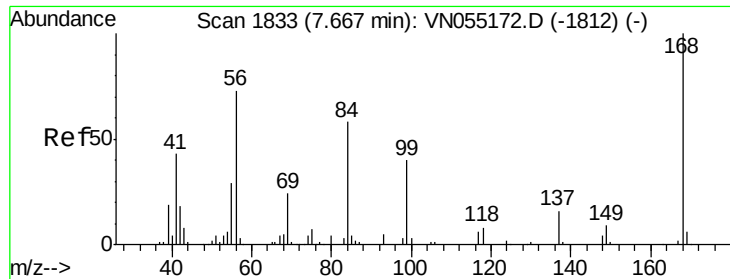
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	263202	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	206702	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	10.09	98	792757	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.40	95	250272	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.78	59	876	2.829	ug/l #	71
13) Acrolein	3.61	56	402	10.342	ug/l #	33
16) Acetone	3.82	43	19513	11.128	ug/l	95
17) Carbon Disulfide	4.05	76	5489	0.487	ug/l	98
18) Methyl Acetate	4.34	43	7166	0.792	ug/l #	82
20) Methylene Chloride	4.55	84	23613	4.684	ug/l	95
25) 2-Butanone	6.84	43	10408	4.597	ug/l	97
29) Tetrahydrofuran	7.22	42	2272	1.632	ug/l #	71
30) Chloroform	7.38	83	4664	0.574	ug/l	84
31) Cyclohexane	7.66	56	8199	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	29065	4.784	ug/l #	50
38) Carbon Tetrachloride	7.67	117	35660	6.268	ug/l #	17
43) Isopropyl Acetate	8.17	43	35833	4.513	ug/l #	72
45) 1,2-Dichloropropane	9.27	63	2146	0.405	ug/l #	69
48) Methyl methacrylate	9.18	41	10821	2.810	ug/l #	28
51) 4-Methyl-2-Pentanone	9.99	43	6188	1.354	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	62352	9.024	ug/l #	67
57) 1,3-Dichloropropane	10.76	76	13161	1.866	ug/l #	43
59) 2-Hexanone	10.76	43	200958	69.633	ug/l #	55
71) Bromoform	12.40	173	1726	0.656	ug/l #	1
73) Isopropylbenzene	12.40	105	182	Below Cal		80
74) N-amyl acetate	12.04	43	1109	0.237	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.41	83	29	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	126096	34.192	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4397	0.323	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	126096	129.616	ug/l #	5
83) tert-Butylbenzene	12.99	119	67	Below Cal	#	67
84) 1,2,4-Trimethylbenzene	13.04	105	5336	0.416	ug/l	92
95) Naphthalene	15.13	128	14208	5.657	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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MSVOA_N

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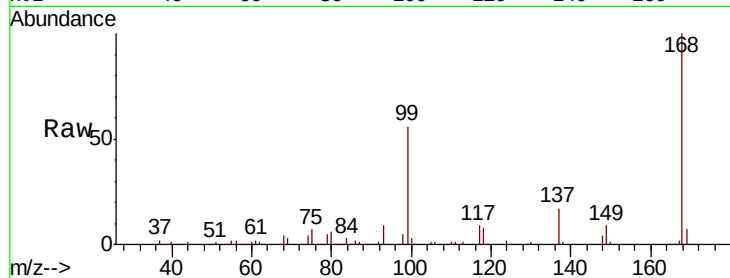
SOIL-ROLLOFFS

Tgt Ion: 168 Resp: 391892

Ion Ratio Lower Upper

168 100

99 56.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN055172.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055172.D (-1812) (-)

7.67

150000

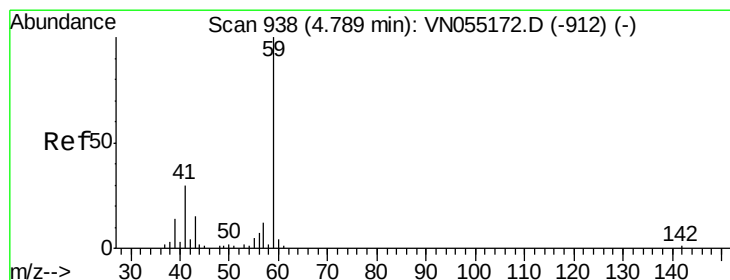
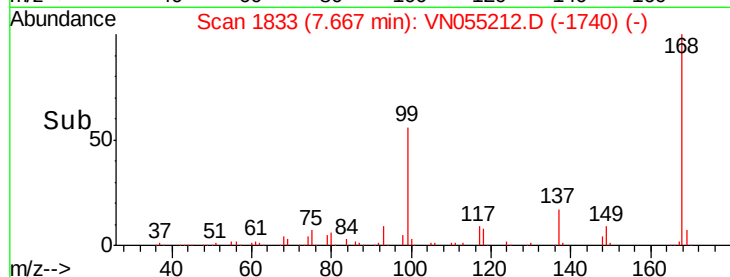
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 2.829 ug/l

RT: 4.78 min Scan# 935

Delta R.T. -0.01 min

Lab File: VN055212.D

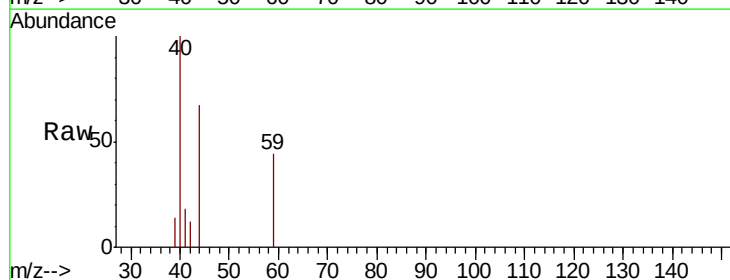
Acq: 23 Apr 2019 17:45

Tgt Ion: 59 Resp: 876

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055172.D (-912) (-)

Ion 57.00 (56.70 to 57.70): VN055172.D (-912) (-)

4.78

600

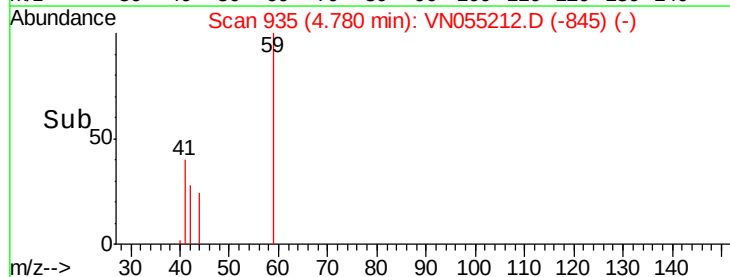
400

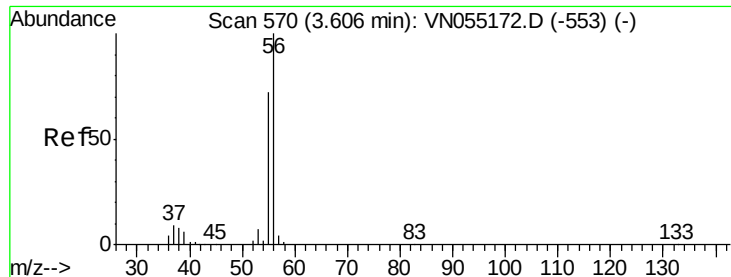
200

0

4.74 4.76 4.78 4.80

Time-->





#13

Acrolein

Concen: 10.342 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

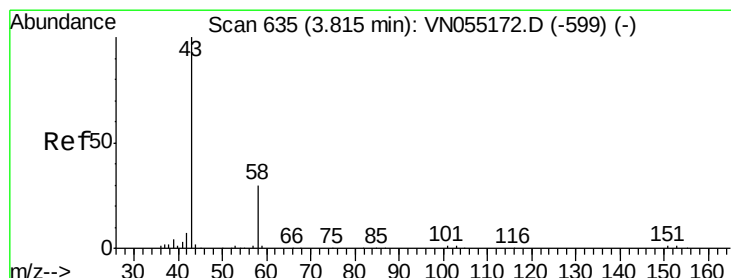
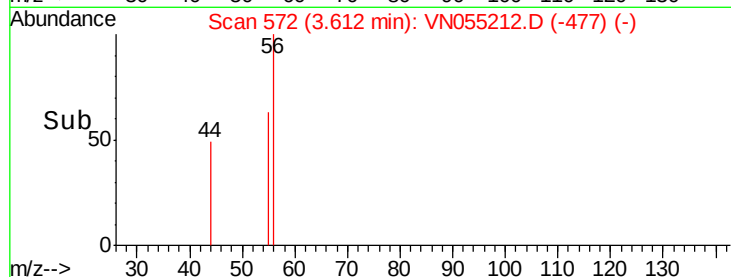
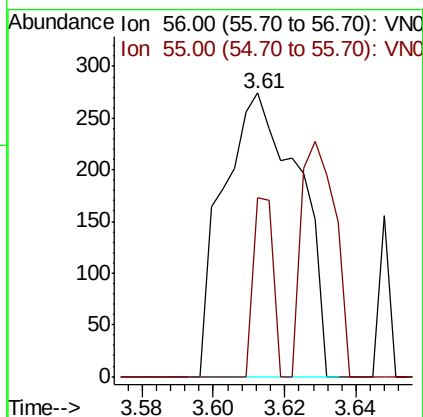
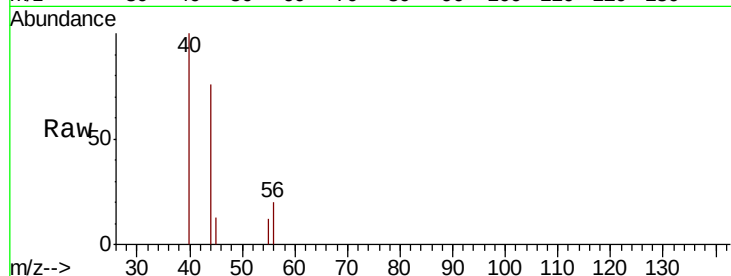
SOIL-ROLLOFFS

Tgt Ion: 56 Resp: 402

Ion Ratio Lower Upper

56 100

55 16.4 57.4 86.0#



#16

Acetone

Concen: 11.128 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055212.D

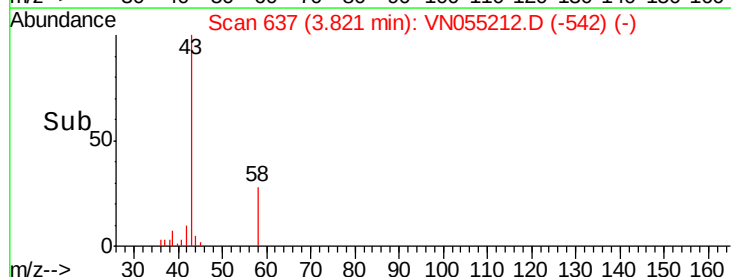
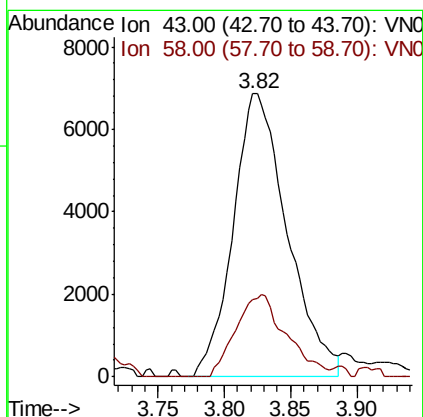
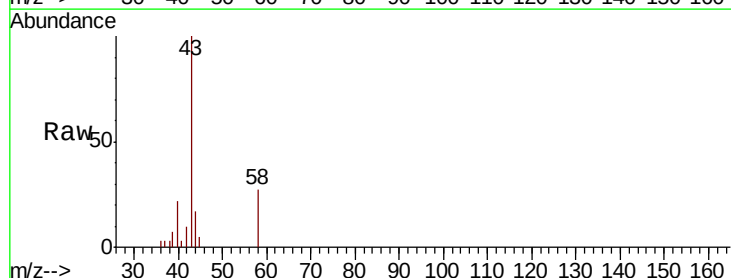
Acq: 23 Apr 2019 17:45

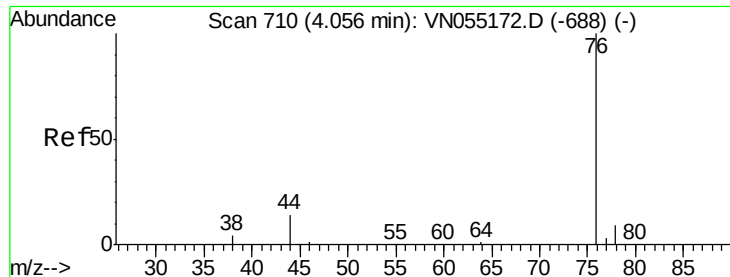
Tgt Ion: 43 Resp: 19513

Ion Ratio Lower Upper

43 100

58 27.3 23.8 35.8

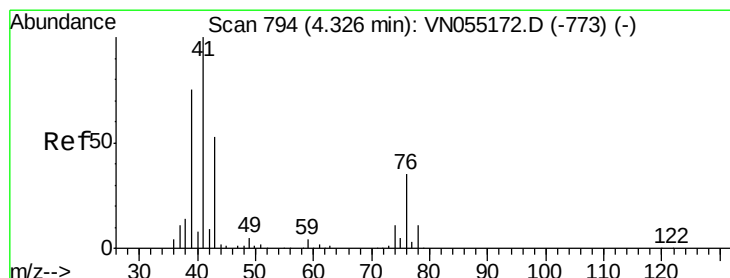
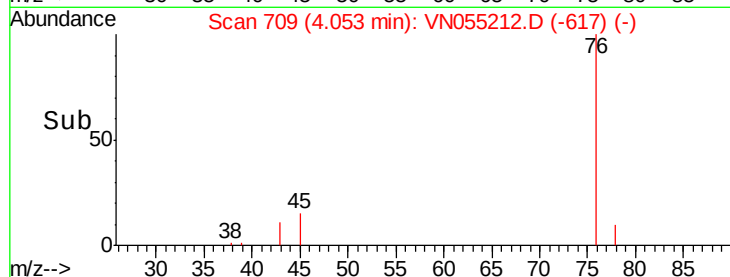
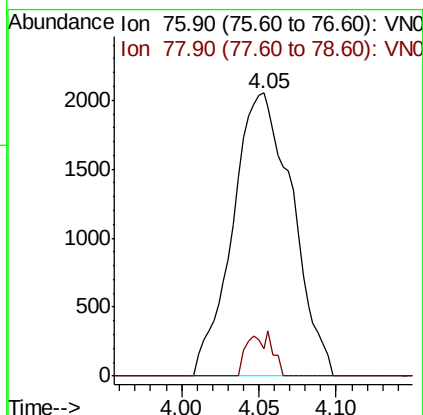
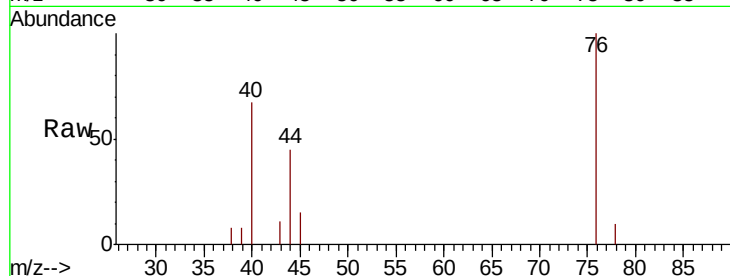




#17
Carbon Disulfide
Concen: 0.487 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

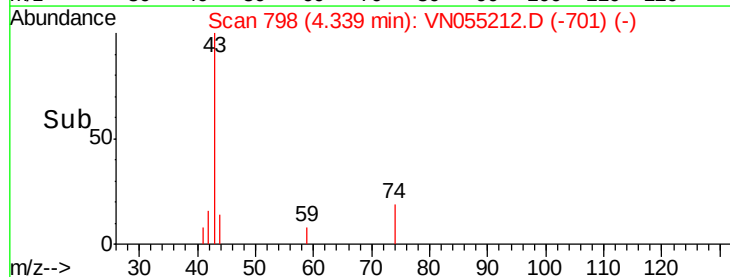
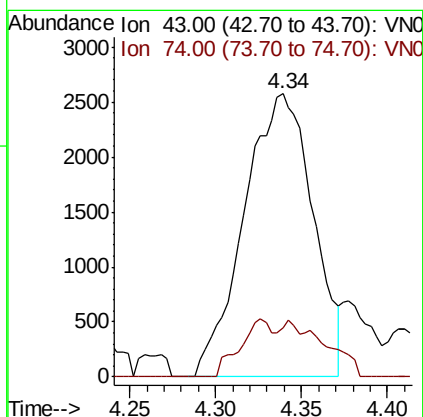
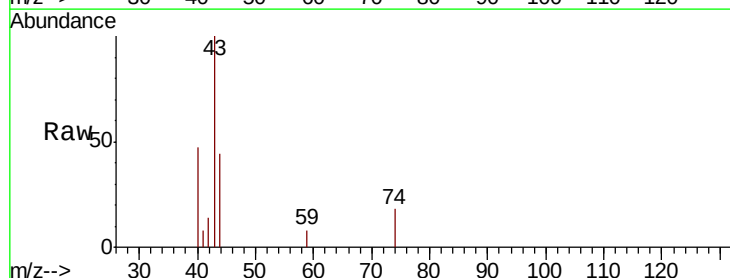
Instrument :
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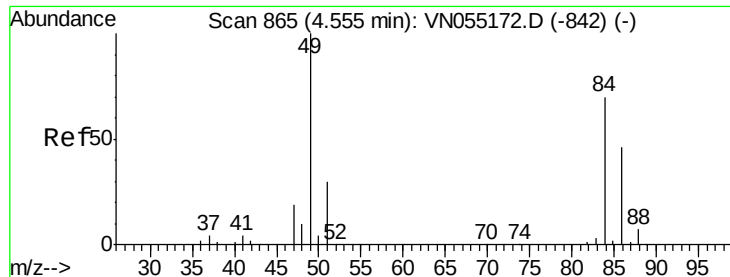
Tgt Ion: 76 Resp: 5489
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 0.792 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Tgt Ion: 43 Resp: 7166
Ion Ratio Lower Upper
43 100
74 12.6 16.7 25.1#

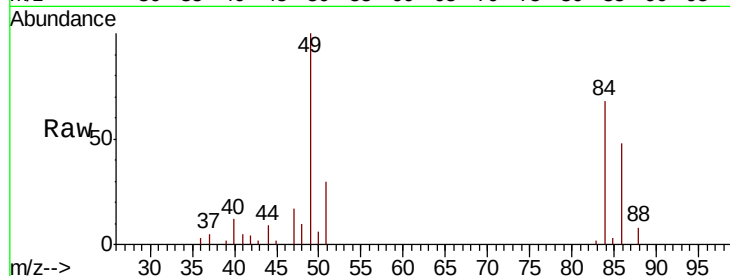




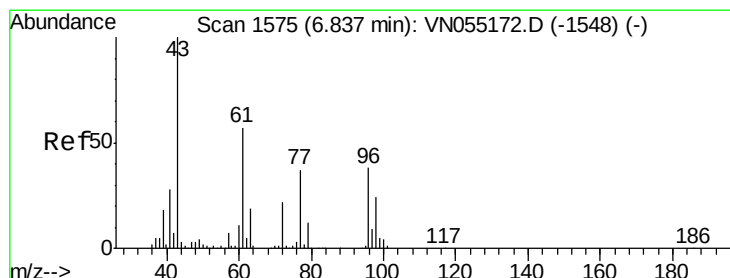
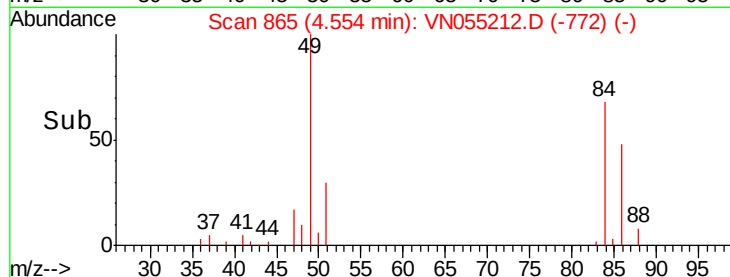
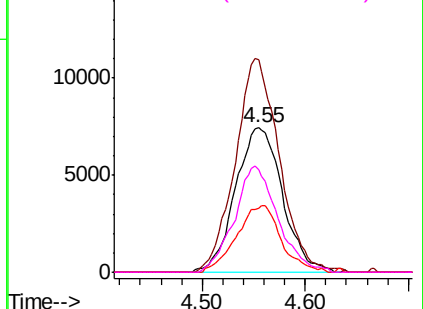
#20
Methylene Chloride
Concen: 4.684 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
SOIL-ROLLOFFS

Tgt Ion: 84 Resp: 23613
Ion Ratio Lower Upper
84 100
49 147.1 113.8 170.6
51 44.6 34.0 51.0
86 71.2 52.3 78.5

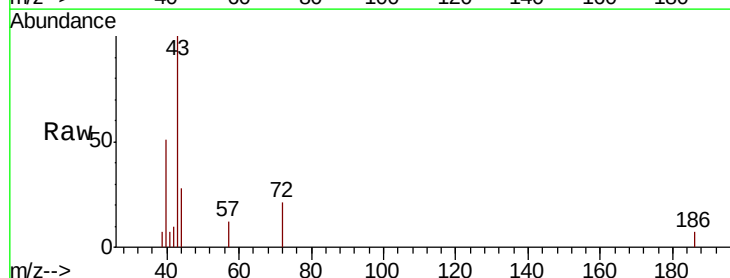


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

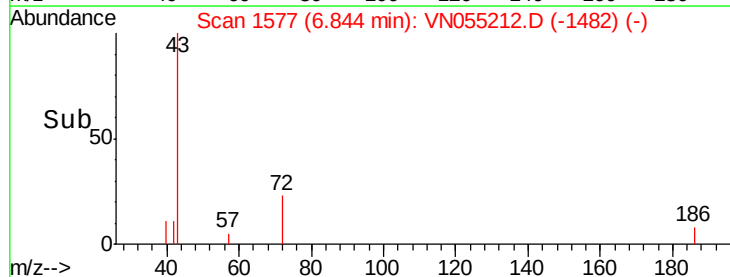
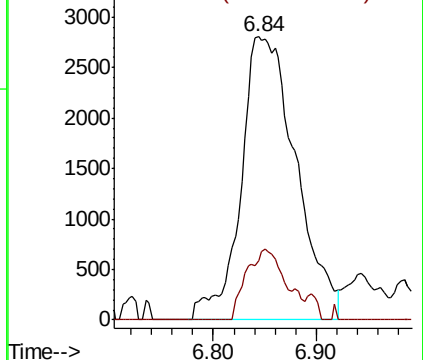


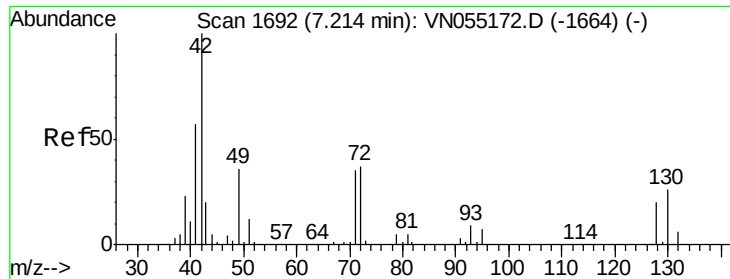
#25
2-Butanone
Concen: 4.597 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Tgt Ion: 43 Resp: 10408
Ion Ratio Lower Upper
43 100
72 20.8 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 1.632 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-ROLLOFFS

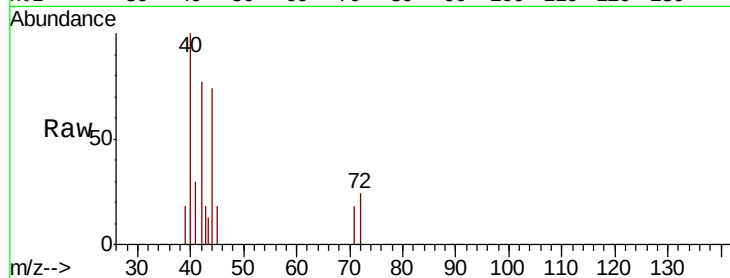
Tgt Ion: 42 Resp: 2272

Ion Ratio Lower Upper

42 100

72 23.8 29.4 44.2#

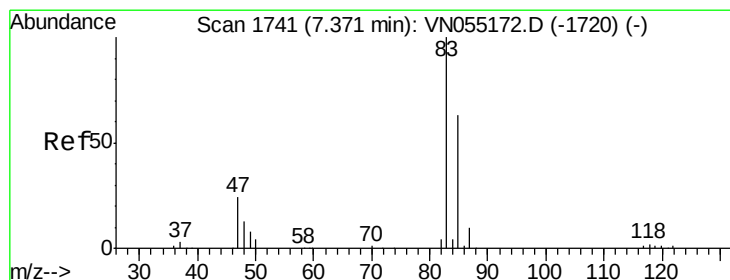
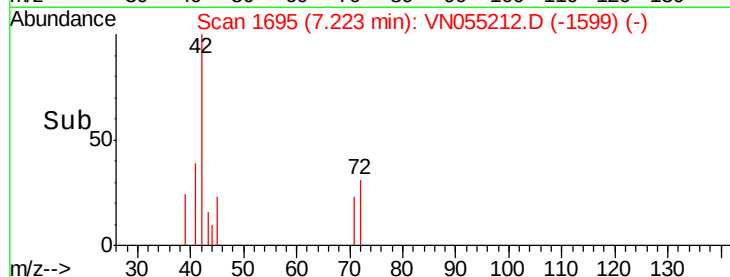
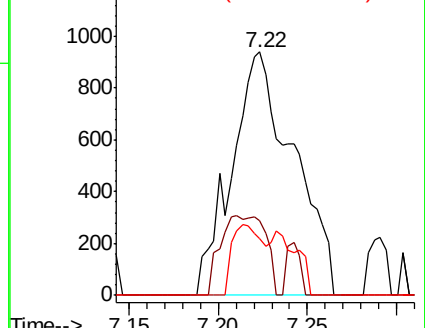
71 14.0 27.8 41.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.574 ug/l

RT: 7.38 min Scan# 1745

Delta R.T. 0.01 min

Lab File: VN055212.D

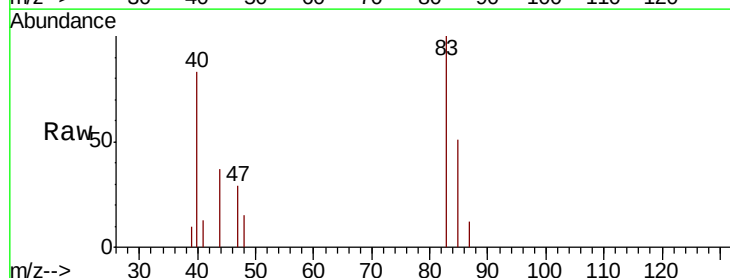
Acq: 23 Apr 2019 17:45

Tgt Ion: 83 Resp: 4664

Ion Ratio Lower Upper

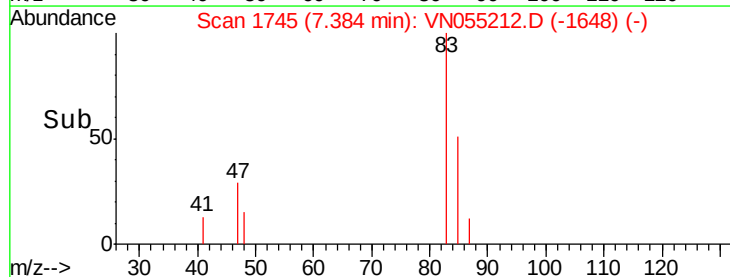
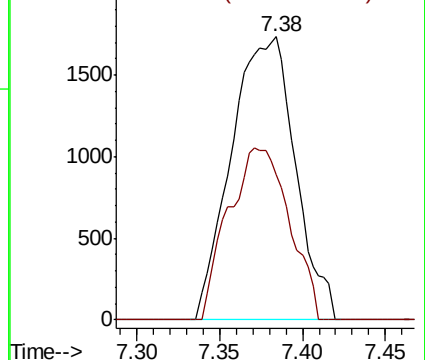
83 100

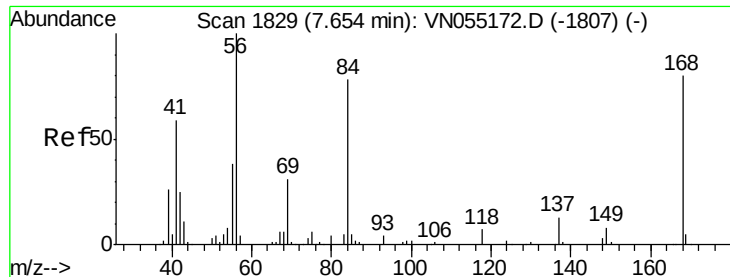
85 51.1 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

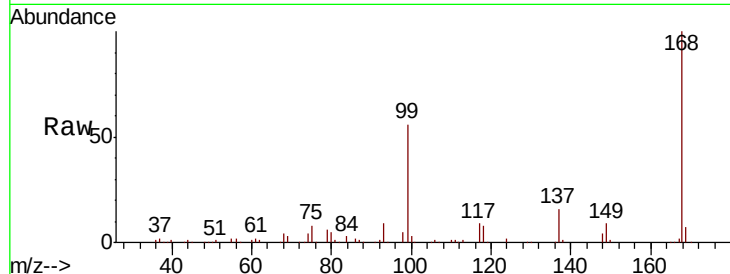




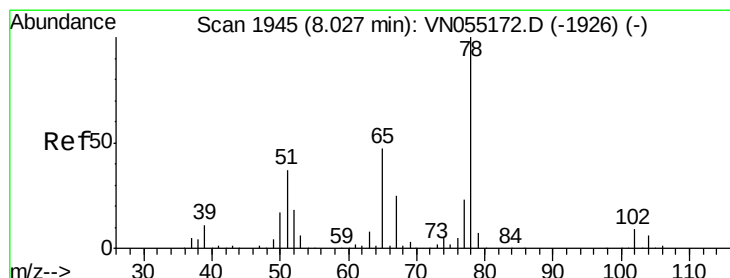
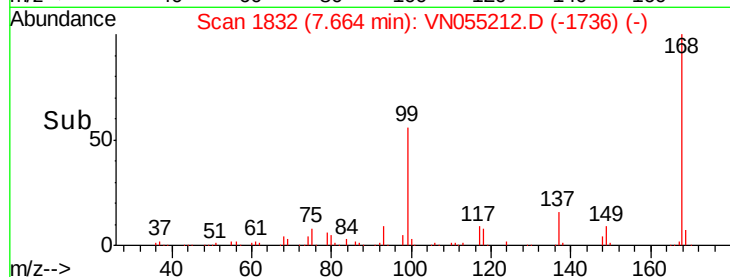
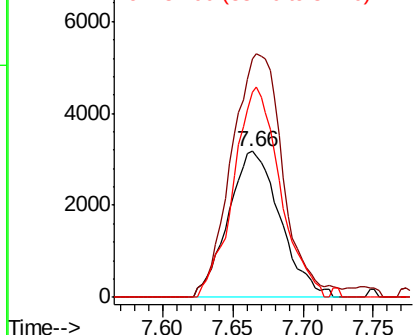
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055212.D
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Tgt Ion: 56 Resp: 8199
Ion Ratio Lower Upper
56 100
69 163.0 24.6 37.0#
84 140.8 61.4 92.2#

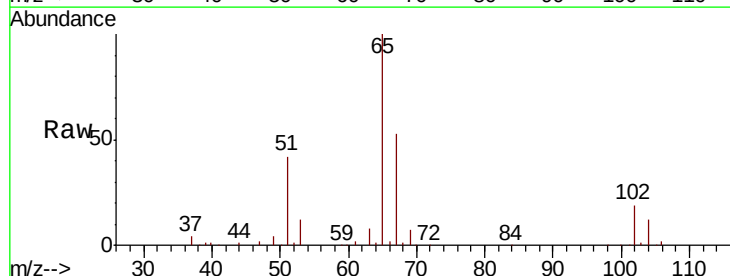


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

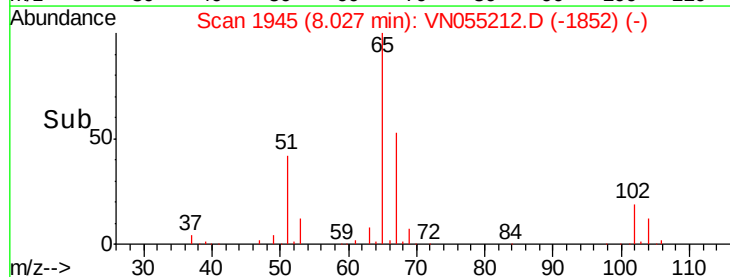
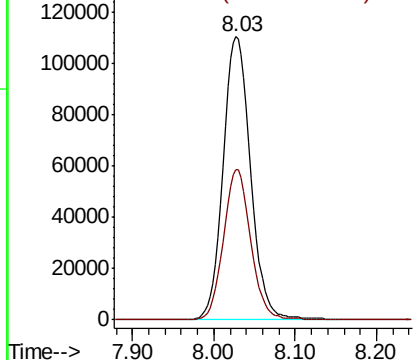


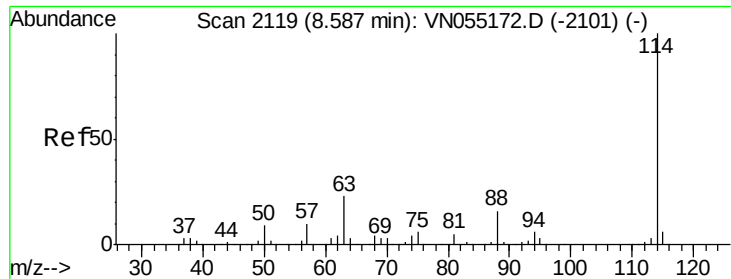
#33
1,2-Dichloroethane-d4
Concen: 49.620 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Tgt Ion: 65 Resp: 263202
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.6



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-ROLLOFFS

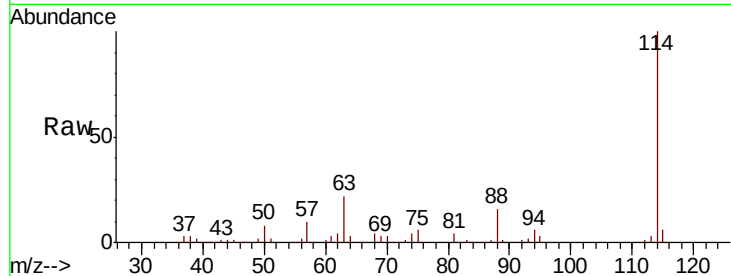
Tgt Ion:114 Resp: 654598

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

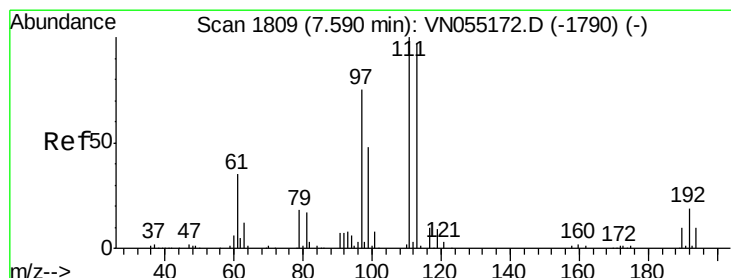
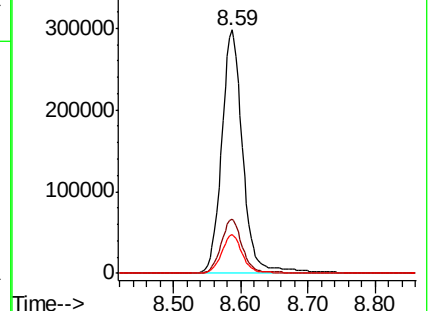
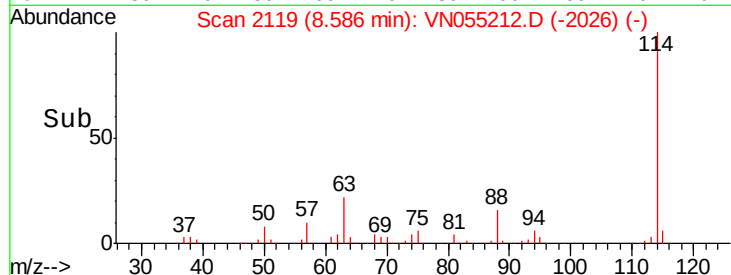
88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.481 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

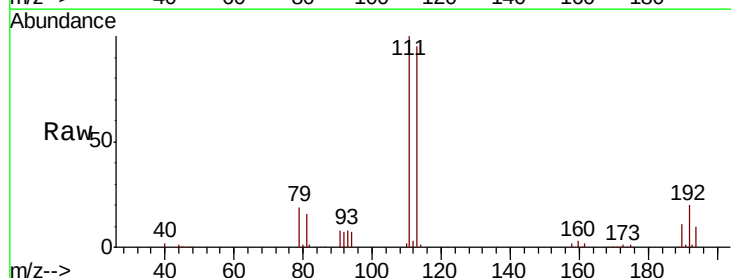
Tgt Ion:113 Resp: 206702

Ion Ratio Lower Upper

113 100

111 104.9 81.0 121.4

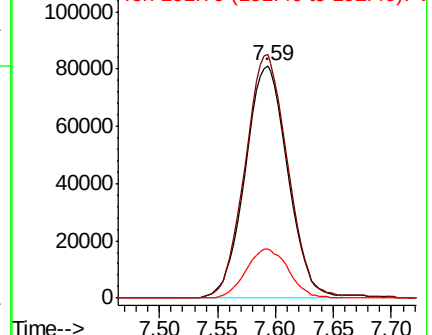
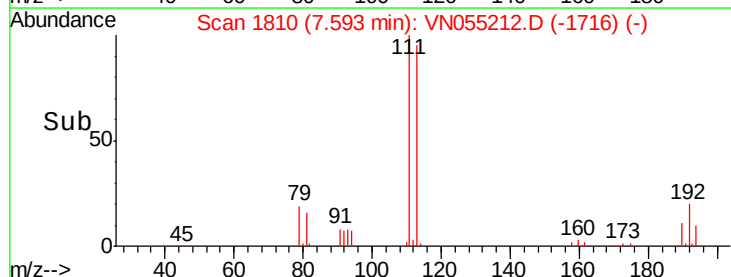
192 21.3 16.2 24.4

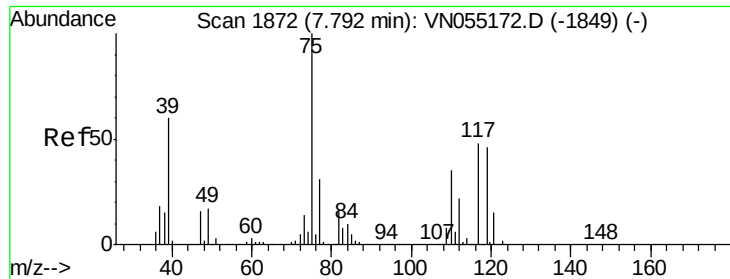


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

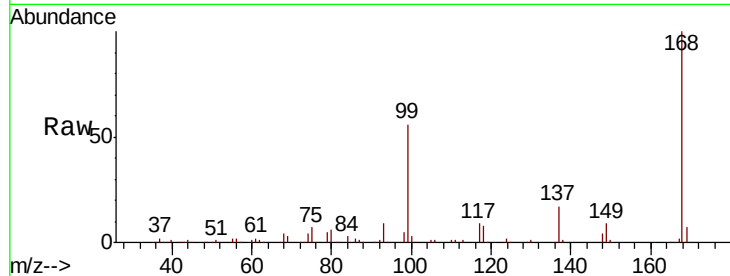




#36
 1,1-Dichloropropene
 Concen: 4.784 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

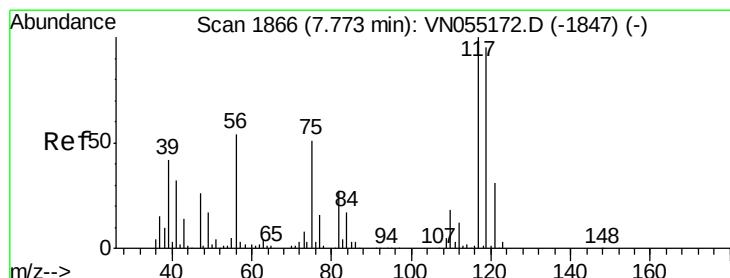
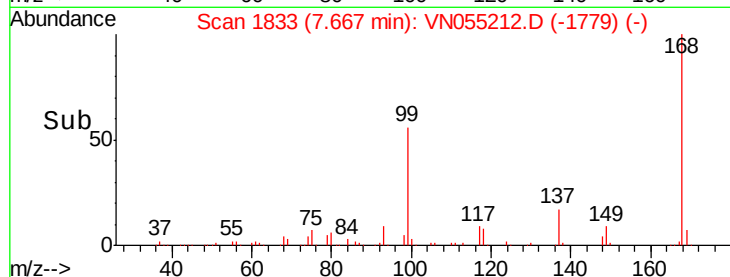
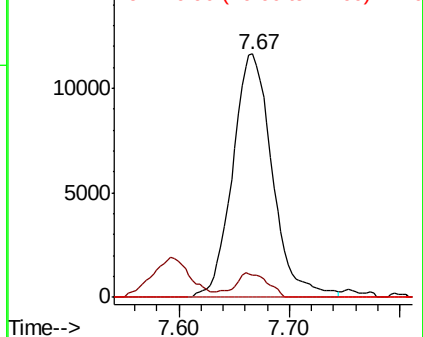
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-ROLLOFFS

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.6	36.8#



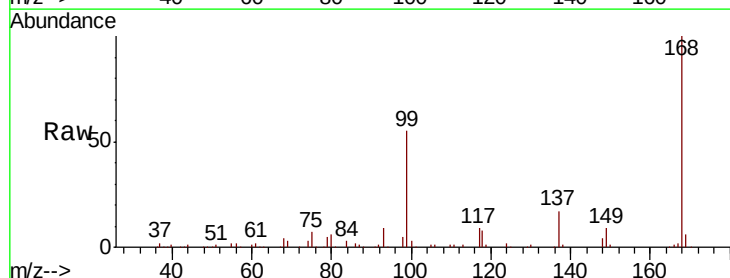
Abundance

Ion 74.90 (74.60 to 75.60): VN055172.D (-1849) (-)



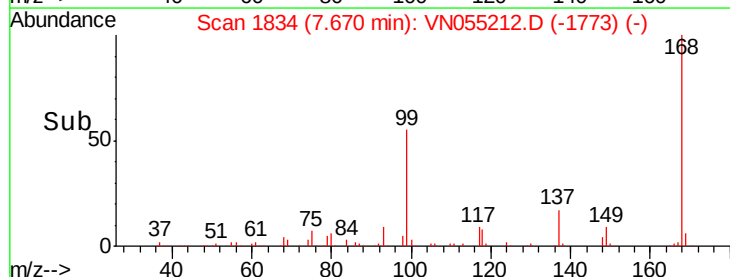
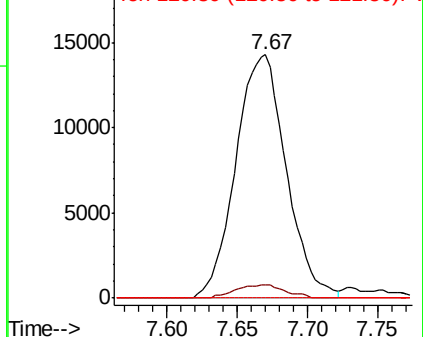
#38
 Carbon Tetrachloride
 Concen: 6.268 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.10 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

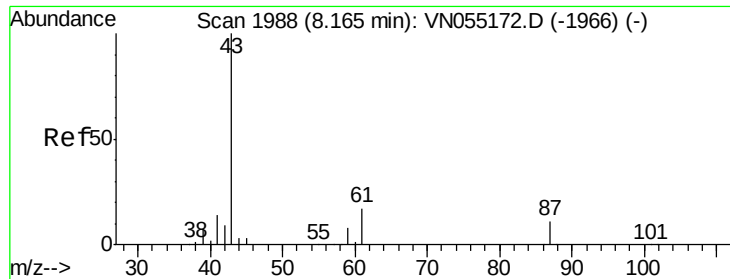
Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.0	114.0#
121	0.0	24.6	36.8#



Abundance

Ion 116.80 (116.50 to 117.50): VN055172.D (-1847) (-)

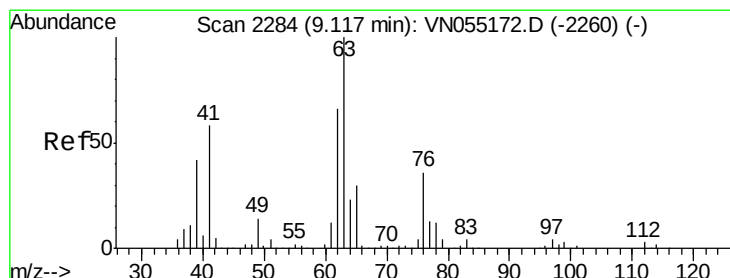
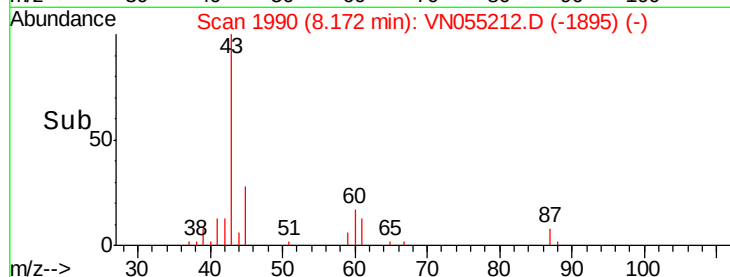
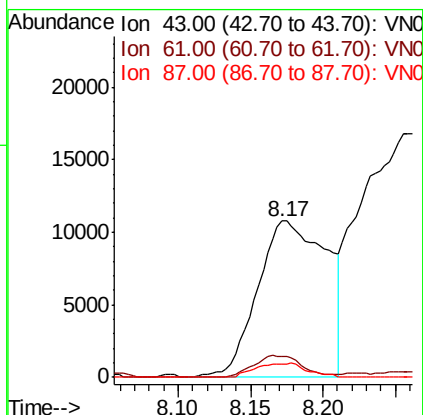
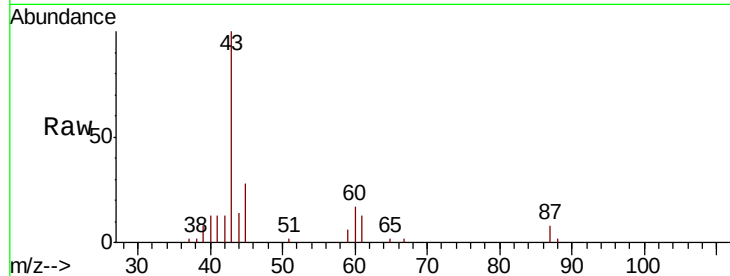




#43
Isopropyl Acetate
Concen: 4.513 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

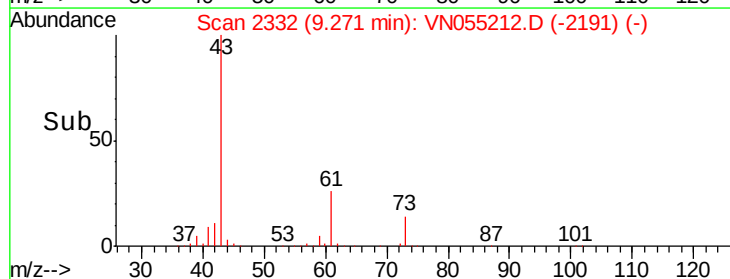
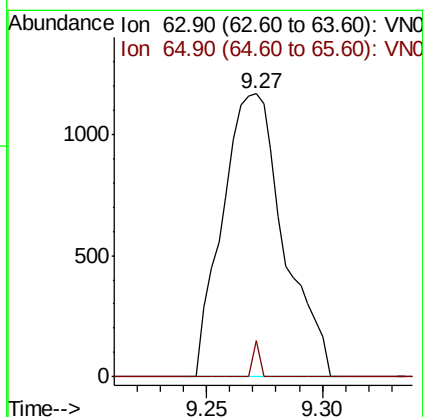
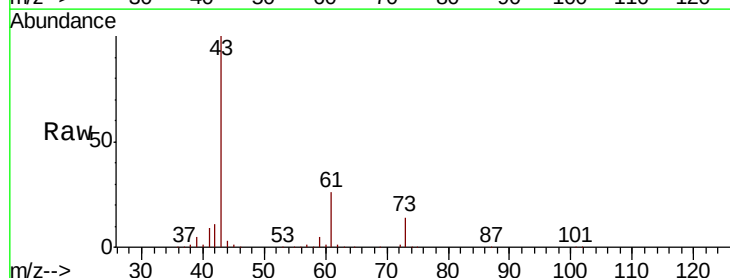
Instrument :
MSVOA_N
ClientSampleId :
SOIL-ROLLOFFS

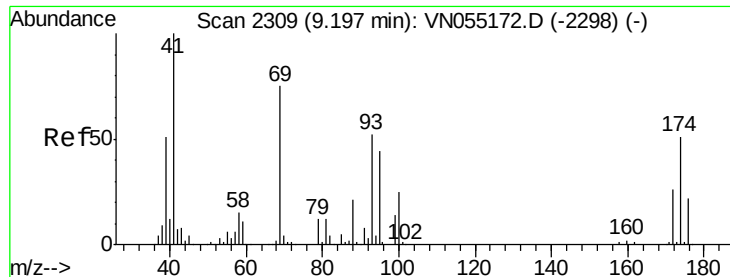
Tgt Ion: 43 Resp: 35833
Ion Ratio Lower Upper
43 100
61 9.8 20.6 30.8#
87 3.7 8.8 13.2#



#45
1,2-Dichloropropane
Concen: 0.405 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Tgt Ion: 63 Resp: 2146
Ion Ratio Lower Upper
63 100
65 12.9 23.8 35.6#

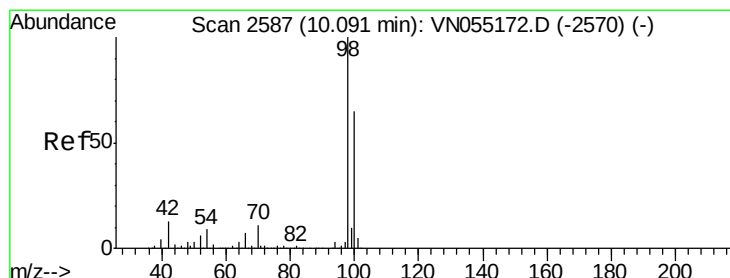
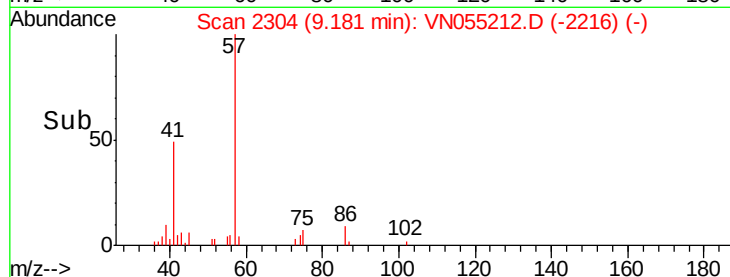
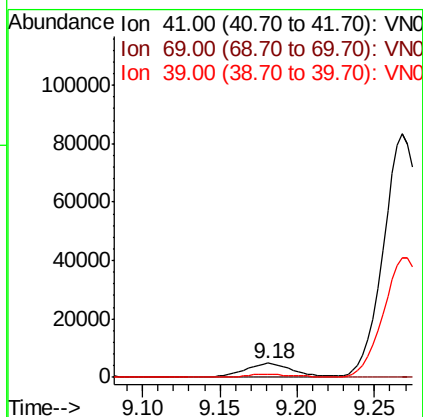
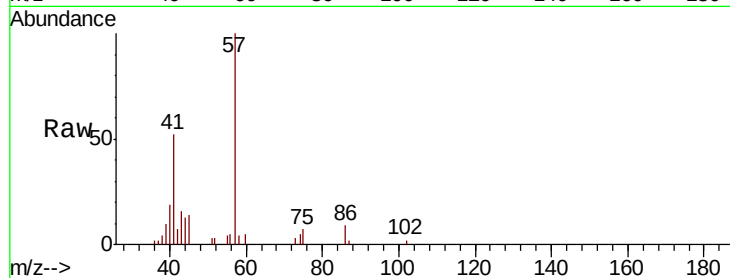




#48
Methyl methacrylate
Concen: 2.810 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

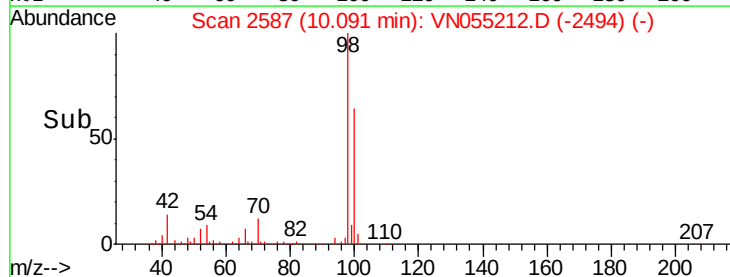
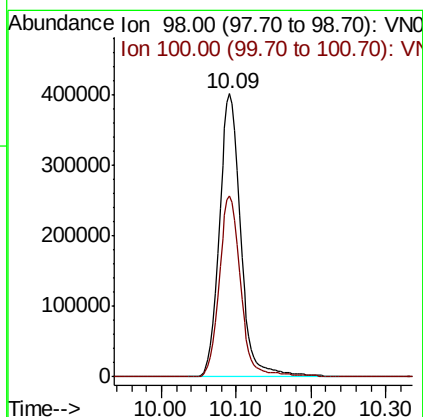
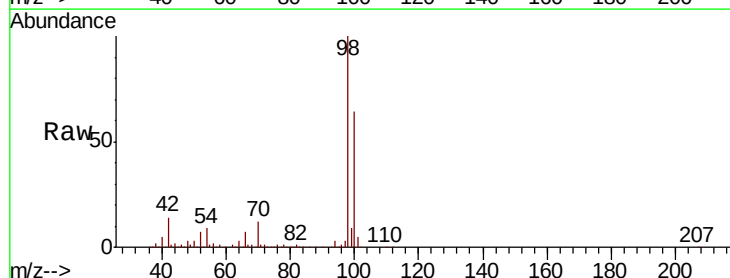
Instrument :
MSVOA_N
ClientSampled :
SOIL-ROLLOFFS

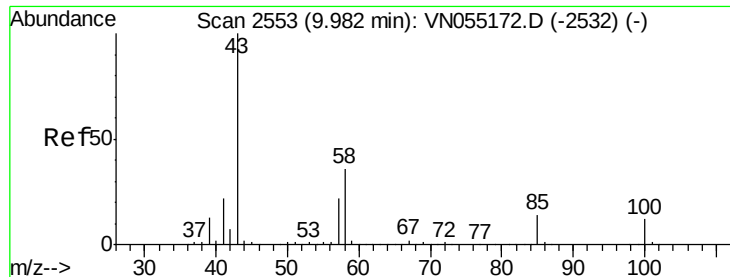
Tgt Ion: 41 Resp: 10821
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 22.3 43.8 65.8#



#50
Toluene-d8
Concen: 48.114 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Tgt Ion: 98 Resp: 792757
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 1.354 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

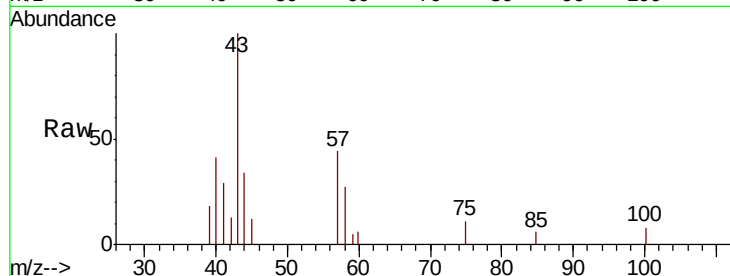
SOIL-ROLLOFFS

Tgt Ion: 43 Resp: 6188

Ion Ratio Lower Upper

43 100

58 32.3 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN055172.D (-2532) (-)

8000

6000

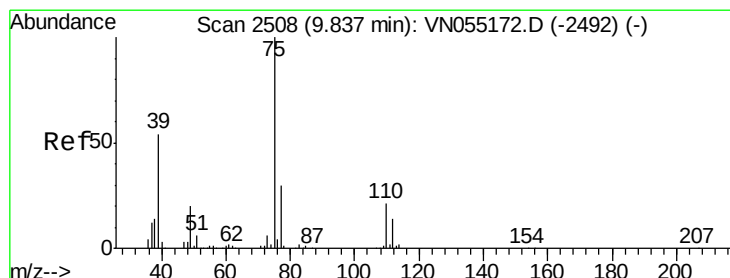
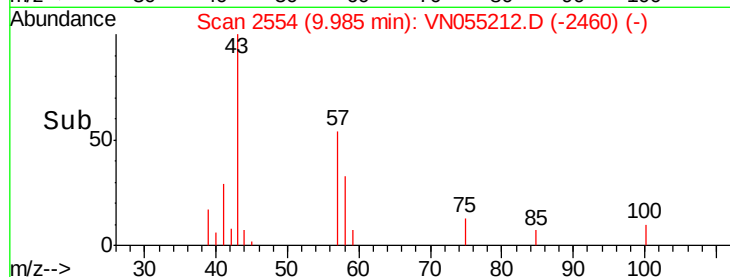
4000

2000

0

9.96 9.98 10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 9.024 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

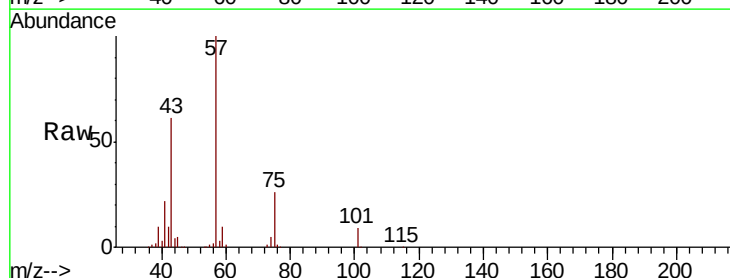
Tgt Ion: 75 Resp: 62352

Ion Ratio Lower Upper

75 100

77 0.6 24.3 36.5#

39 38.7 43.0 64.4#



Abundance Ion 74.90 (74.60 to 75.60): VN055172.D (-2492) (-)

Ion 76.90 (76.60 to 77.60): VN055172.D (-2492) (-)

Ion 39.00 (38.70 to 39.70): VN055172.D (-2492) (-)

50000

40000

30000

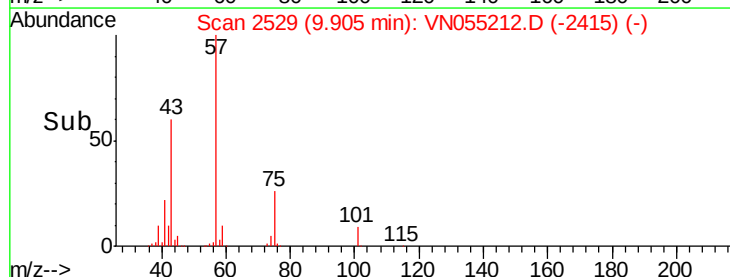
20000

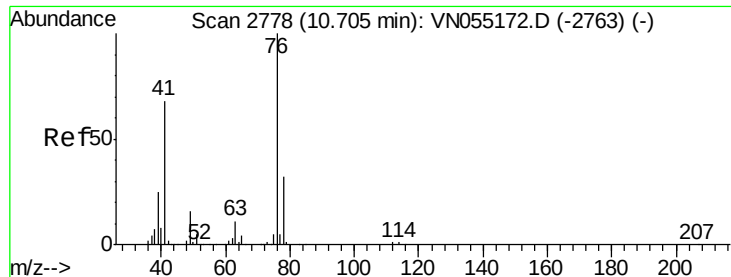
10000

0

9.85 9.90 9.95

Time-->





#57

1,3-Dichloropropane

Concen: 1.866 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

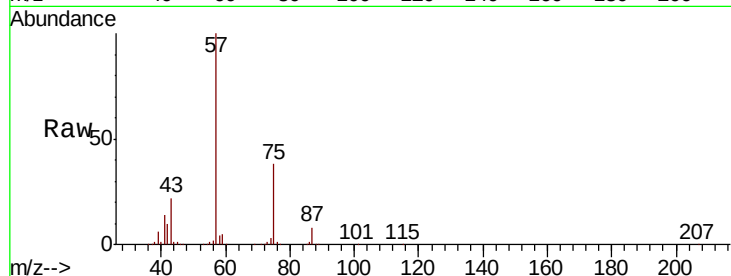
SOIL-ROLLOFFS

Tgt Ion: 76 Resp: 13161

Ion Ratio Lower Upper

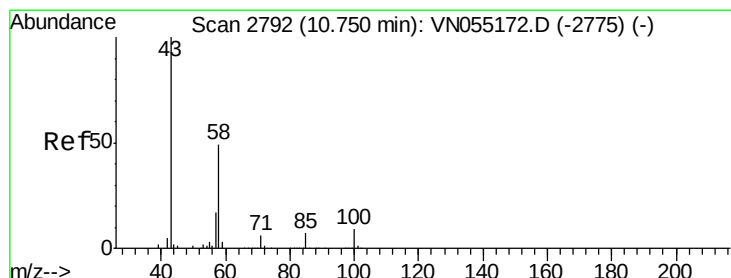
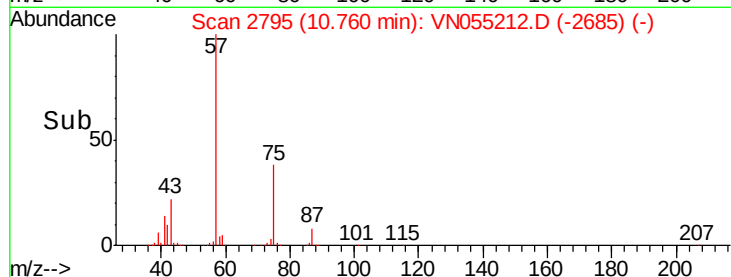
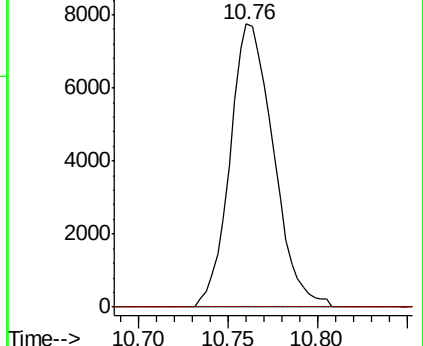
76 100

78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 69.633 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055212.D

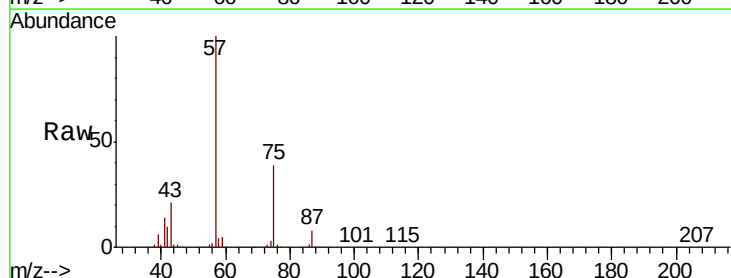
Acq: 23 Apr 2019 17:45

Tgt Ion: 43 Resp: 200958

Ion Ratio Lower Upper

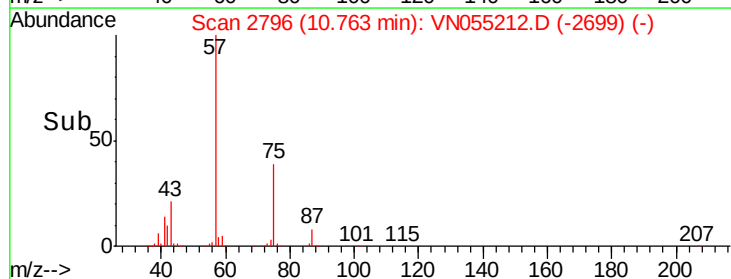
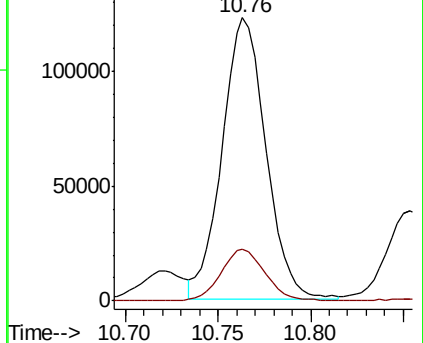
43 100

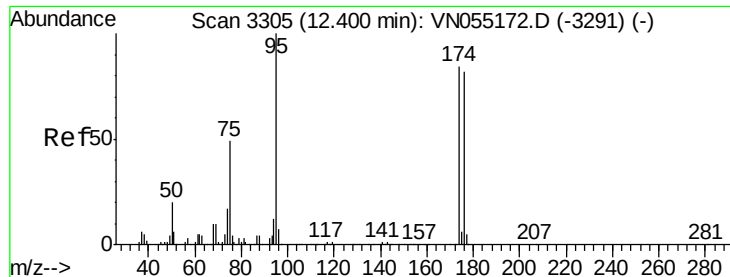
58 18.6 24.5 73.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.965 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-ROLLOFFS

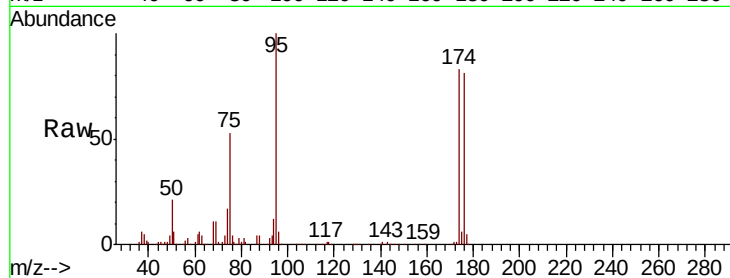
Tgt Ion: 95 Resp: 250272

Ion Ratio Lower Upper

95 100

174 83.4 0.0 168.4

176 80.2 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055172.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055172.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055172.D (-3291) (-)

12.40

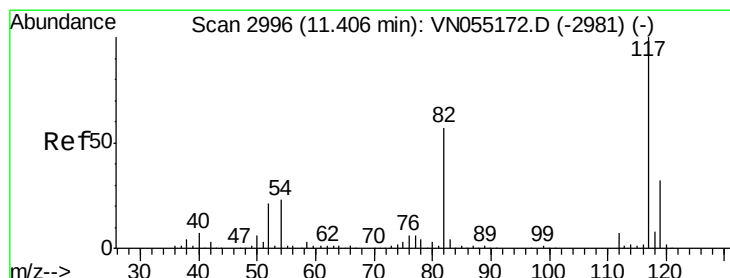
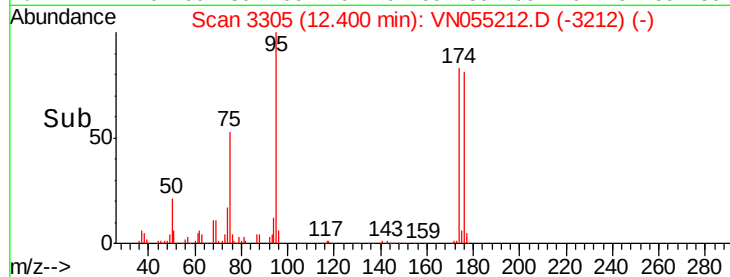
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

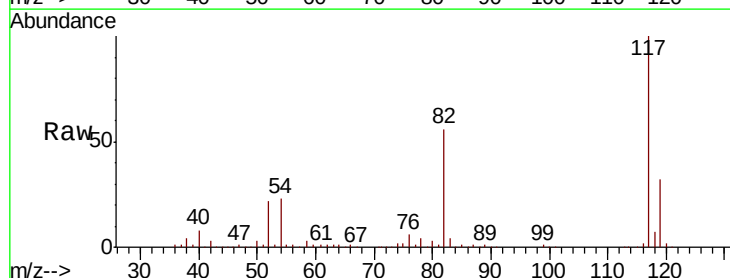
Tgt Ion: 117 Resp: 582913

Ion Ratio Lower Upper

117 100

82 55.7 45.7 68.5

119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN055172.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055172.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055172.D (-2981) (-)

11.41

400000

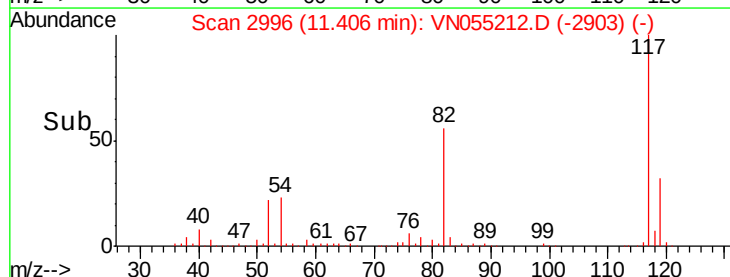
300000

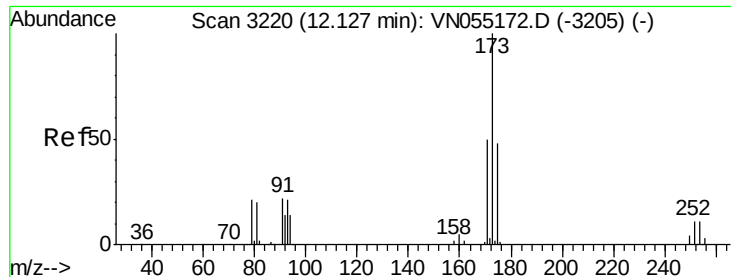
200000

100000

0

Time-->





#71

Bromoform

Concen: 0.656 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-ROLLOFFS

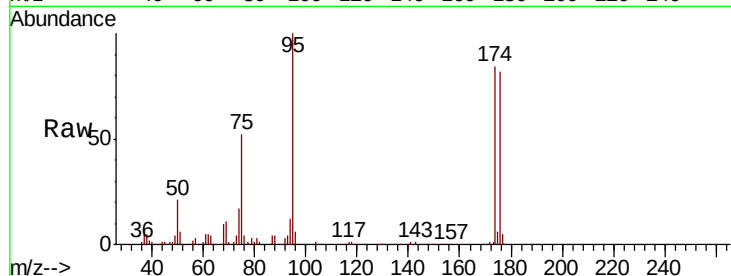
Tgt Ion:173 Resp: 1726

Ion Ratio Lower Upper

173 100

175 794.6 23.8 71.2#

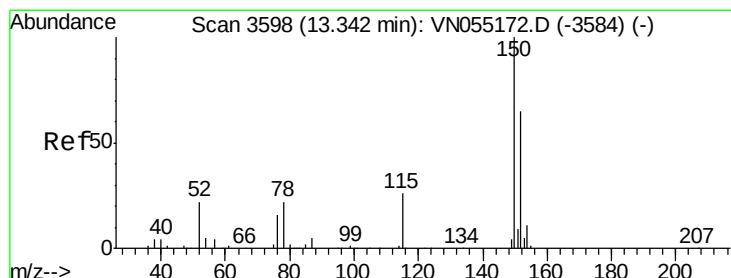
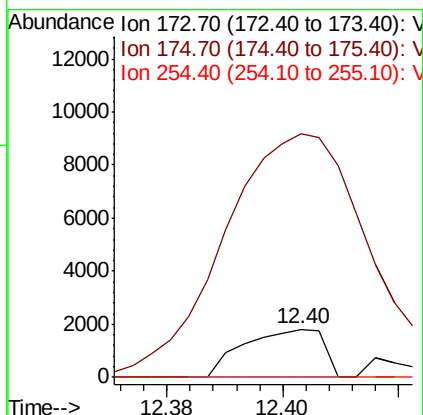
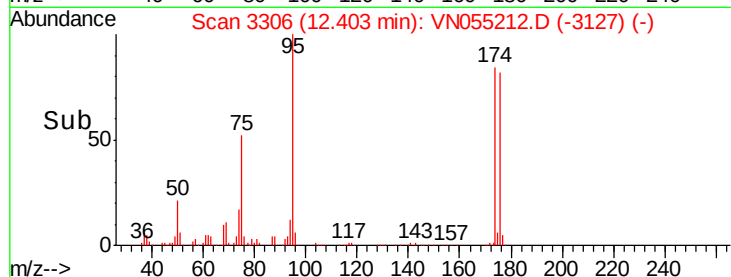
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

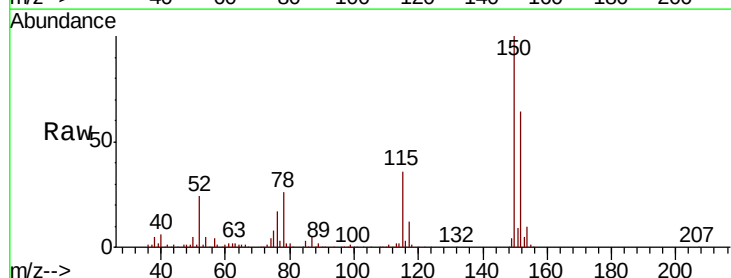
Tgt Ion:152 Resp: 181783

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

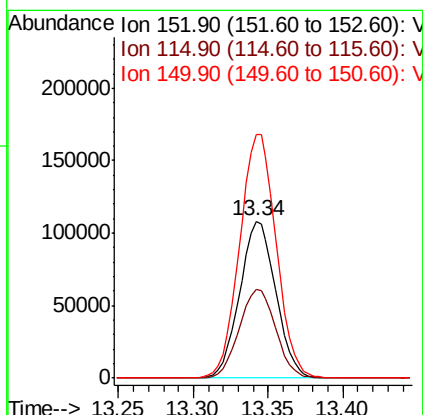
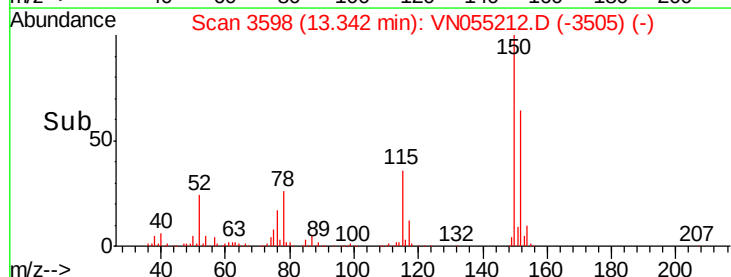
150 157.0 0.0 346.6

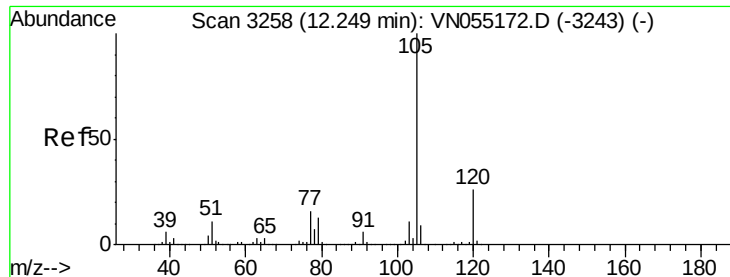


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

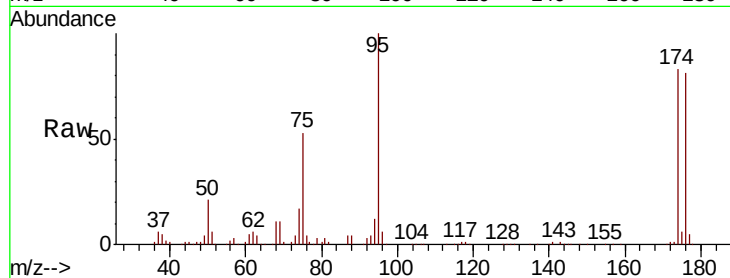
SOIL-ROLLOFFS

Tgt Ion: 105 Resp: 182

Ion Ratio Lower Upper

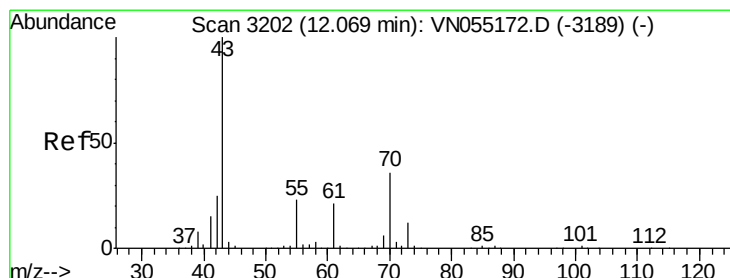
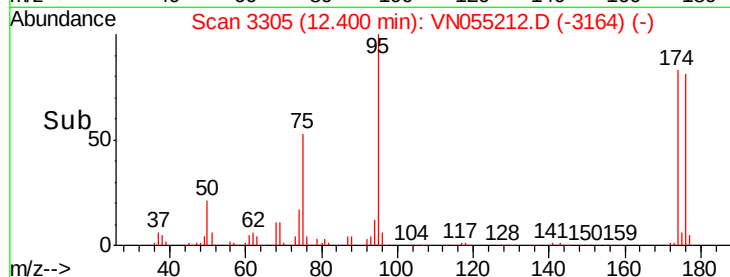
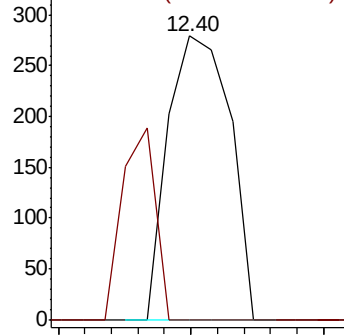
105 100

120 36.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 0.237 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Tgt Ion: 43 Resp: 1109

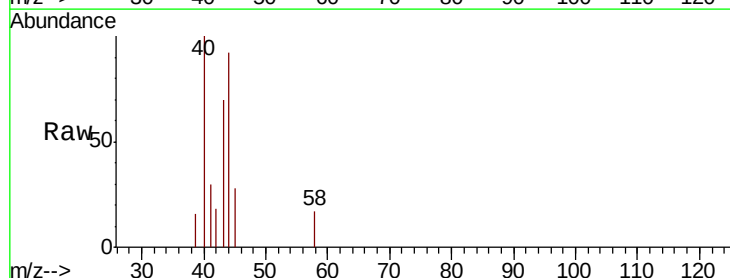
Ion Ratio Lower Upper

43 100

70 0.0 29.0 43.6#

55 14.2 18.5 27.7#

61 0.0 17.0 25.4#

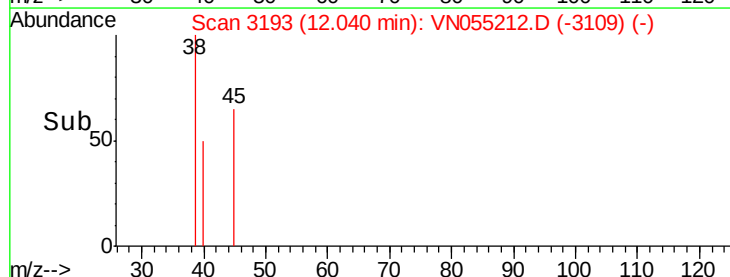
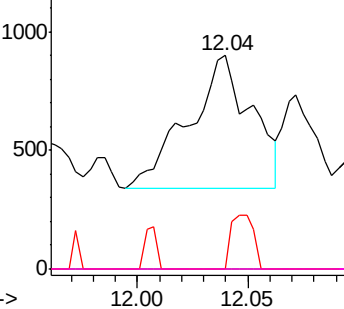


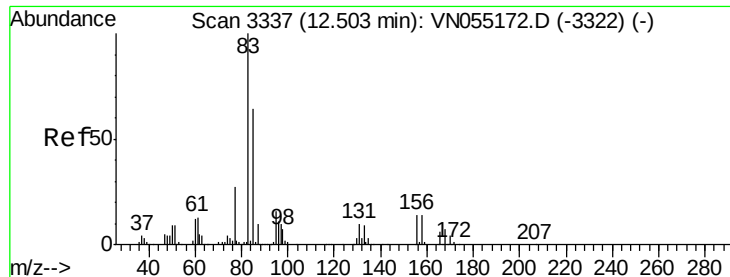
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

SOIL-ROLLOFFS

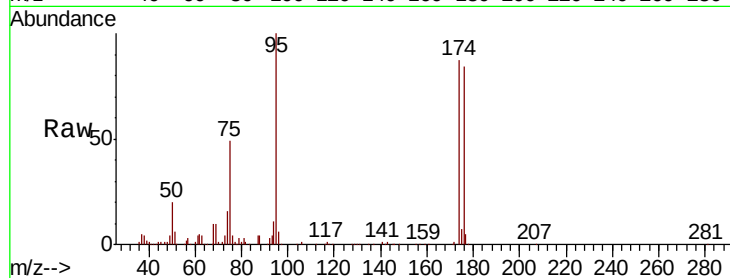
Tgt Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 979.3 5.0 15.0#

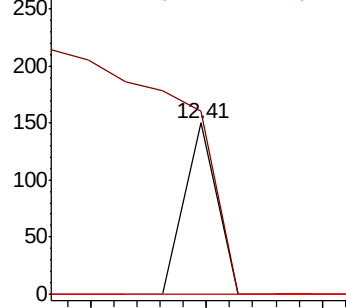
85 0.0 32.1 96.3#



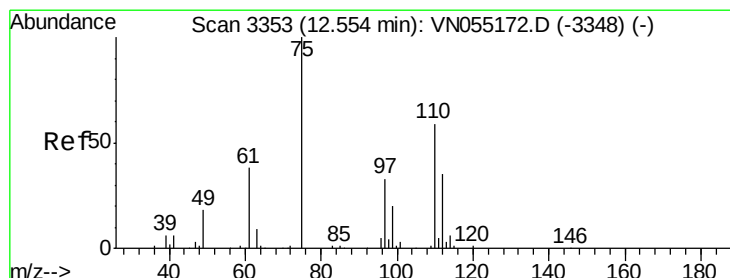
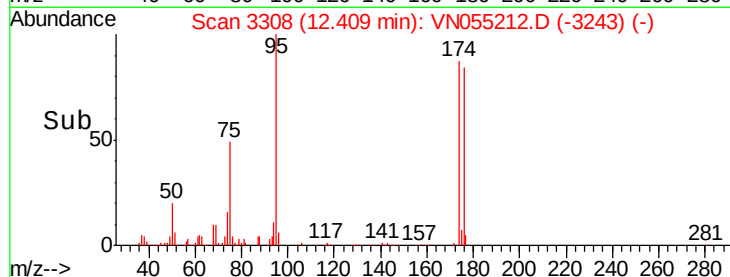
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 34.192 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055212.D

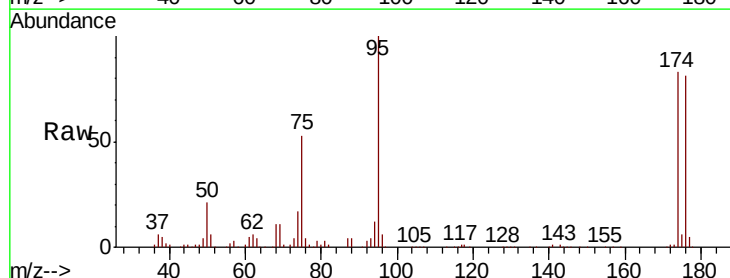
Acq: 23 Apr 2019 17:45

Tgt Ion: 75 Resp: 126096

Ion Ratio Lower Upper

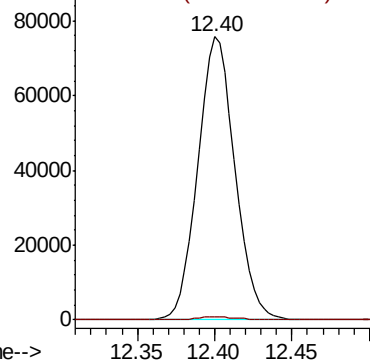
75 100

77 1.2 0.0 0.0#

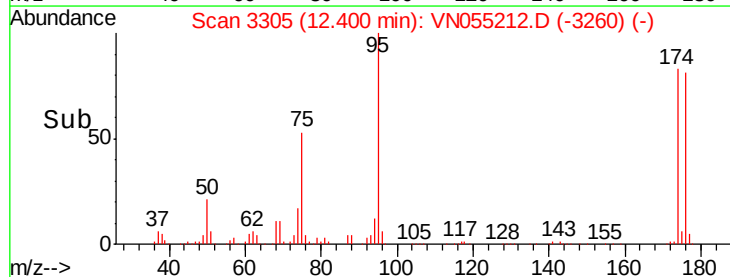


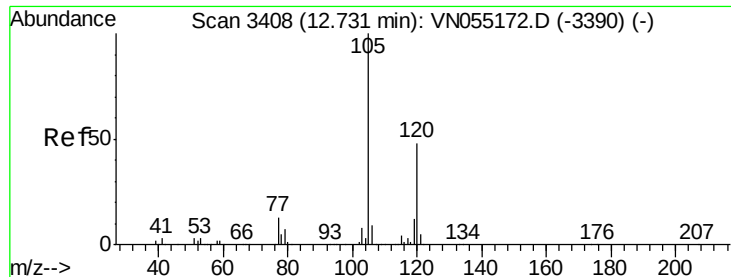
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.323 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

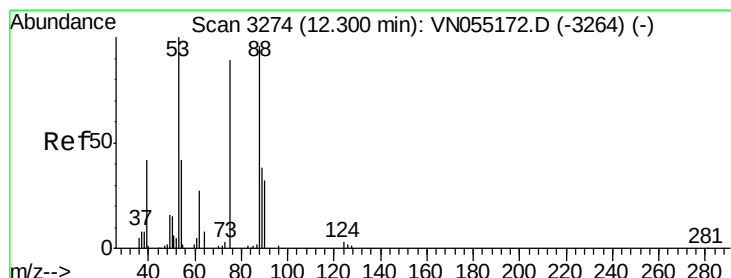
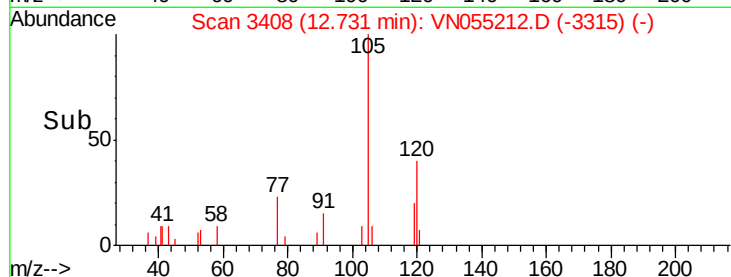
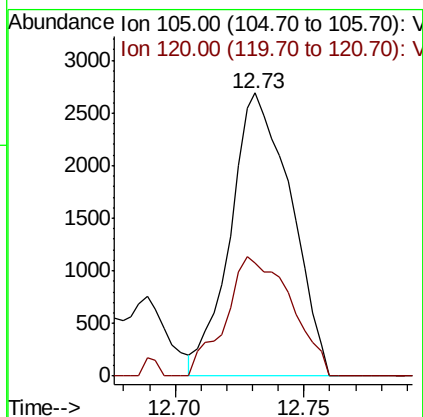
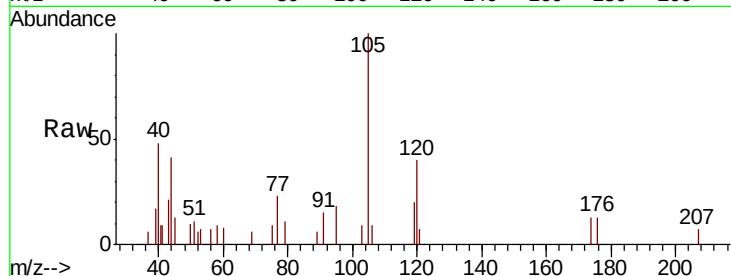
SOIL-ROLLOFFS

Tgt Ion:105 Resp: 4397

Ion Ratio Lower Upper

105 100

120 45.8 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 129.616 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055212.D

Acq: 23 Apr 2019 17:45

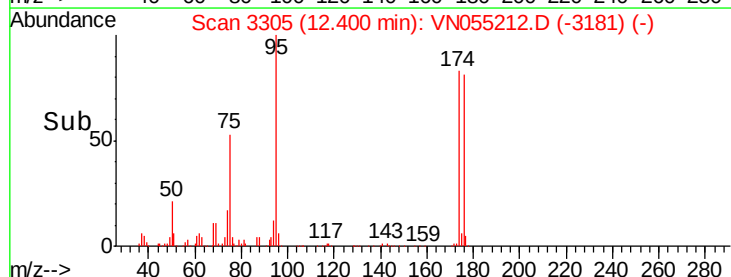
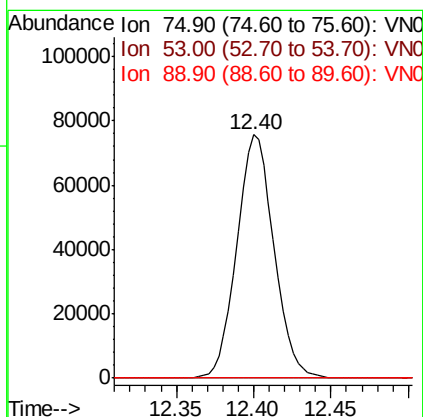
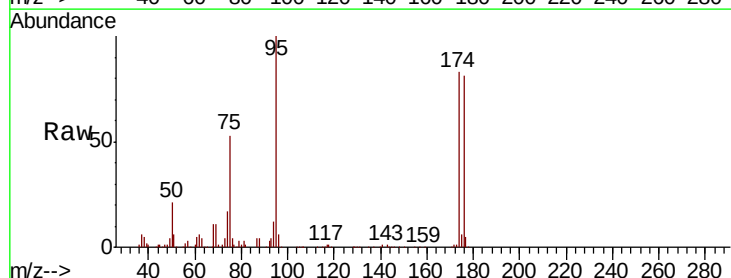
Tgt Ion: 75 Resp: 126096

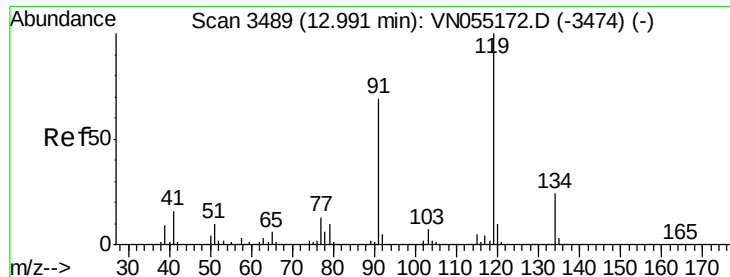
Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.7 55.1#

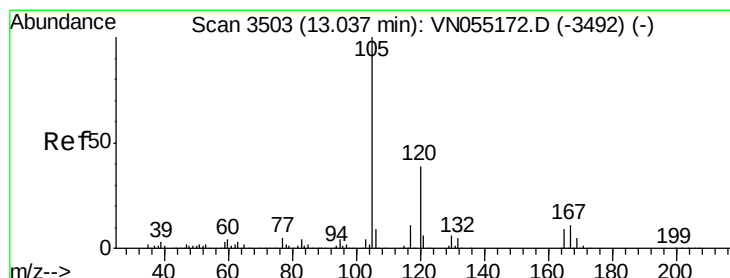
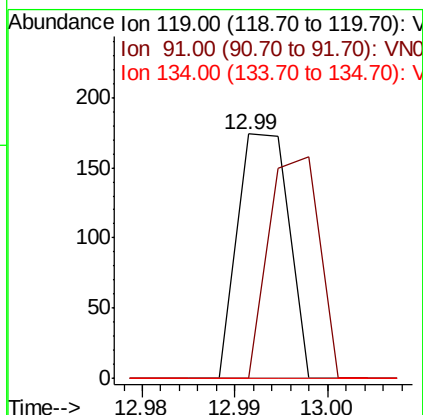
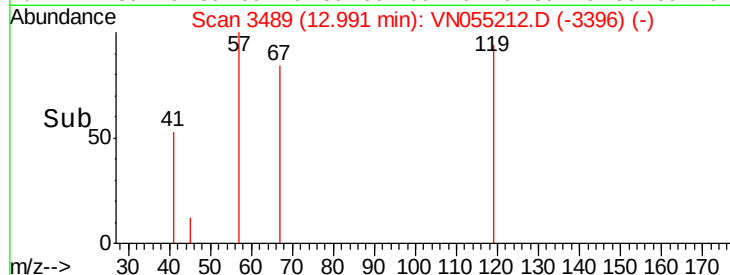
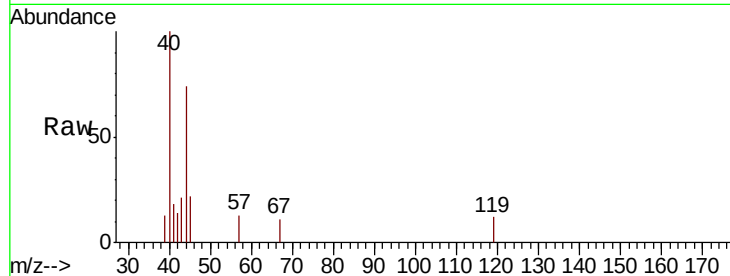




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

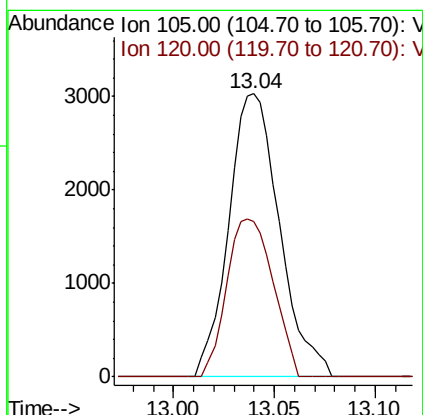
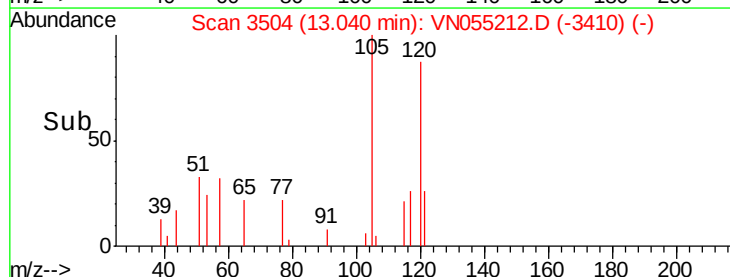
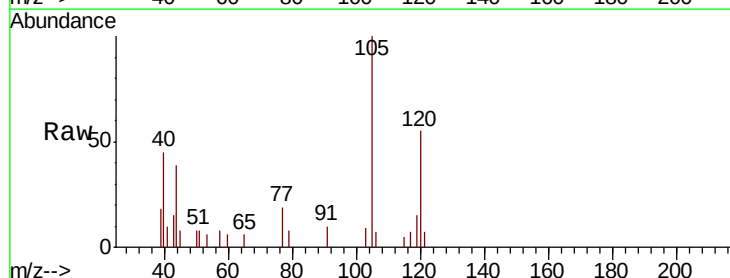
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-ROLLOFFS

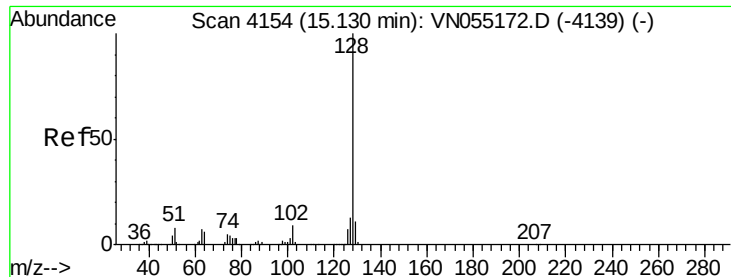
Tgt Ion:119 Resp: 67
 Ion Ratio Lower Upper
 119 100
 91 88.1 33.8 101.3
 134 0.0 13.2 39.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.416 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055212.D
 Acq: 23 Apr 2019 17:45

Tgt Ion:105 Resp: 5336
 Ion Ratio Lower Upper
 105 100
 120 50.9 22.7 68.1





#95
Naphthalene
Concen: 5.657 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055212.D
Acq: 23 Apr 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :
SOIL-ROLLOFFS

Tgt Ion:128 Resp: 14208
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.6 8.8 13.2

