

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121818\
 Data File : VN052992.D
 Acq On : 19 Dec 2018 5:59
 Operator : MD\SY
 Sample : J6453-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-SOIL

Quant Time: Dec 19 07:48:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1421473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2193421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1934185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	777170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	706776	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.59	113	569899	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	
50) Toluene-d8	10.09	98	2659840	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	865930	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	2760	0.333	ug/l	81
11) Tert butyl alcohol	4.78	59	233	0.265	ug/l #	74
14) Allyl chloride	4.55	41	199647	9.513	ug/l #	24
16) Acetone	3.82	43	26537	9.383	ug/l	94
18) Methyl Acetate	4.33	43	7927	1.597	ug/l #	69
20) Methylene Chloride	4.55	84	5557038	360.186	ug/l	98
25) 2-Butanone	6.84	43	2972	0.626	ug/l #	89
28) Bromochloromethane	7.20	49	3078	0.267	ug/l #	95
29) Tetrahydrofuran	7.22	42	1360	0.384	ug/l #	60
31) Cyclohexane	7.67	56	22815	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	90857	4.316	ug/l #	48
38) Carbon Tetrachloride	7.67	117	123844	6.418	ug/l #	16
43) Isopropyl Acetate	8.17	43	81487	2.592	ug/l #	83
45) 1,2-Dichloropropane	9.27	63	4282	0.263	ug/l #	44
48) Methyl methacrylate	9.18	41	25382	2.226	ug/l #	21
49) 1,4-Dioxane	9.27	88	614	4.256	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	27943	2.455	ug/l #	35
52) Toluene	10.16	92	9424	0.243	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	188301	7.724	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	32348	1.393	ug/l #	43
59) 2-Hexanone	10.76	43	433297	56.268	ug/l #	50
67) Ethyl Benzene	11.51	91	26902	0.365	ug/l	95
68) m/p-Xylenes	11.62	106	29566	1.055	ug/l	96
69) o-Xylene	11.95	106	9475	0.352	ug/l	97
71) Bromoform	12.40	173	5125	0.476	ug/l #	1
74) N-amyl acetate	11.88	43	50501	2.991	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	404207	30.896	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	20092	0.405	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	404207	99.581	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	30186	0.606	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	554	0.635	ug/l #	88
95) Naphthalene	15.13	128	125367	5.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	197	0.523	ug/l #	68

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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

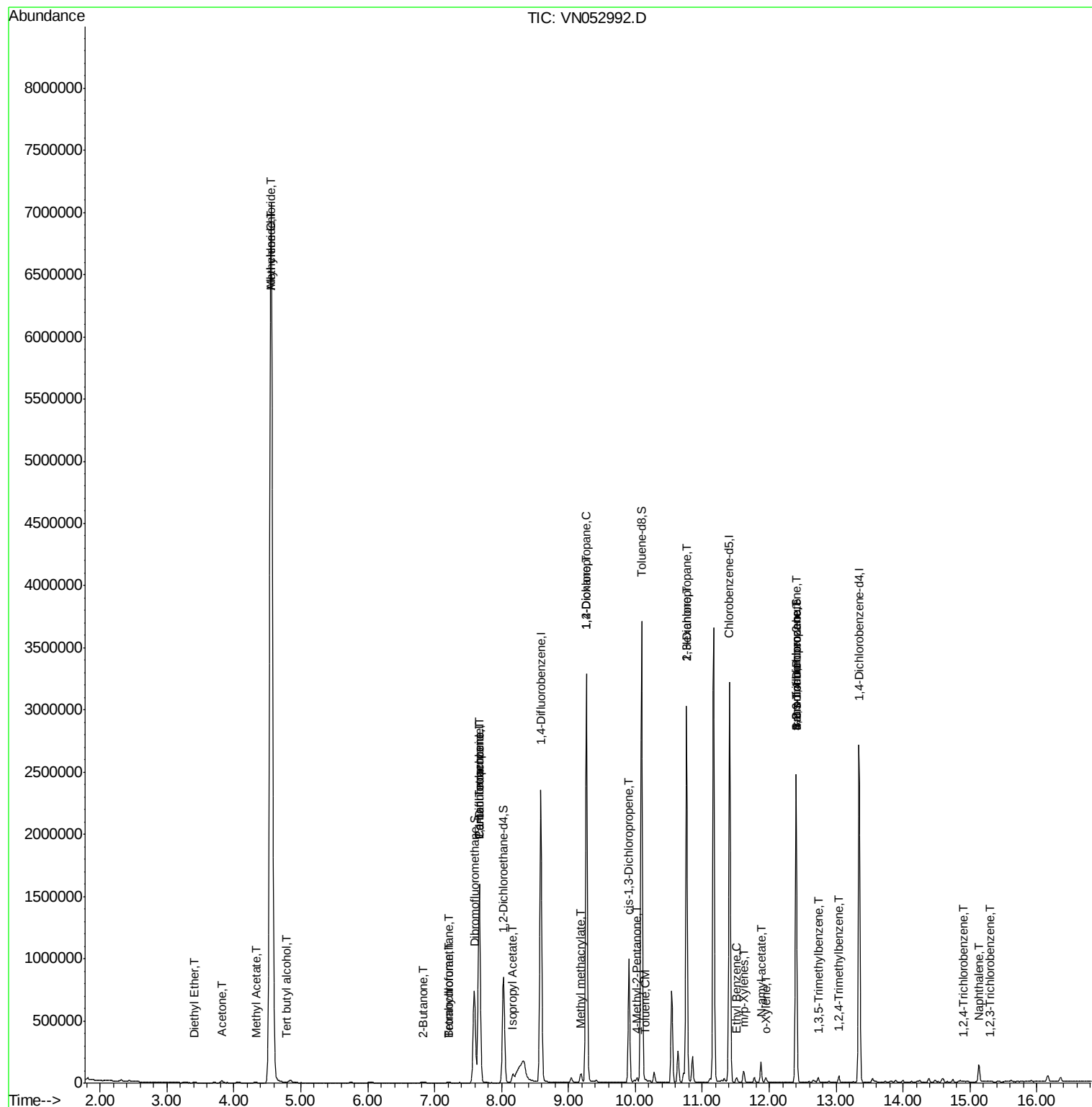
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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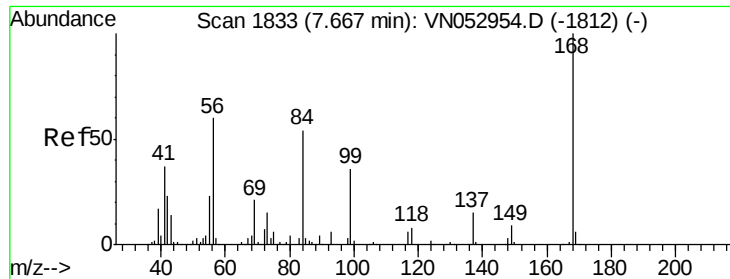
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

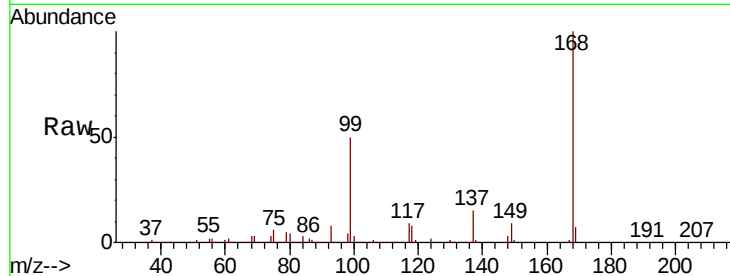
SS-SOIL

Tot Ion:168 Resp: 1421473

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052992.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052992.D (-1740) (-)

7.67

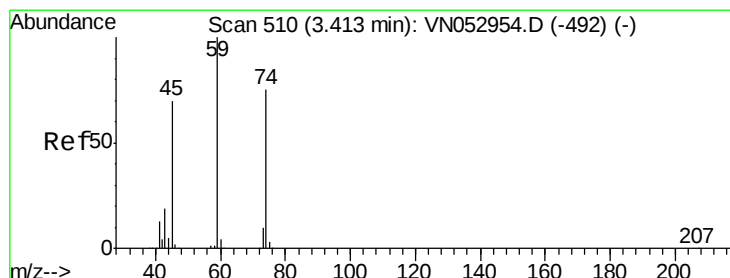
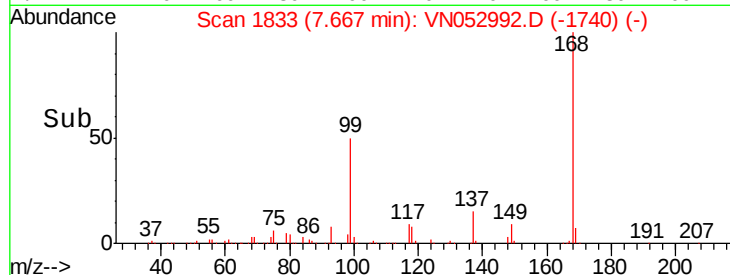
600000

400000

200000

0

Time-->



#8

Diethyl Ether

Concen: 0.333 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN052992.D

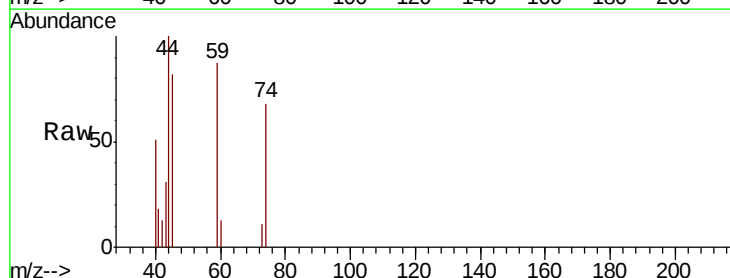
Acq: 19 Dec 2018 5:59

Tgt Ion: 74 Resp: 2760

Ion Ratio Lower Upper

74 100

45 79.7 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VN052992.D (-417) (-)

Ion 45.00 (44.70 to 45.70): VN052992.D (-417) (-)

3.41

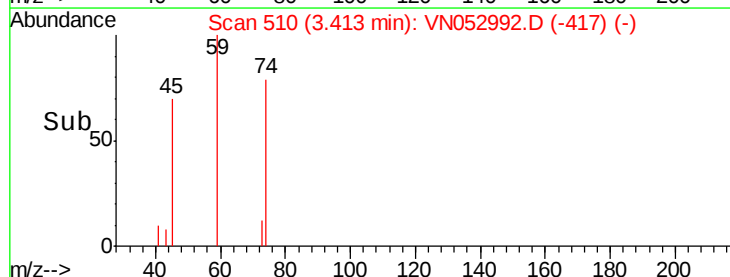
1500

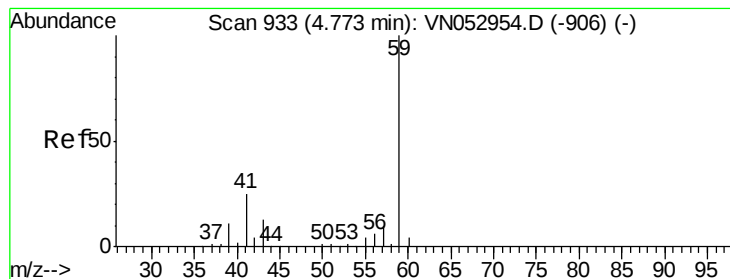
1000

500

0

Time-->



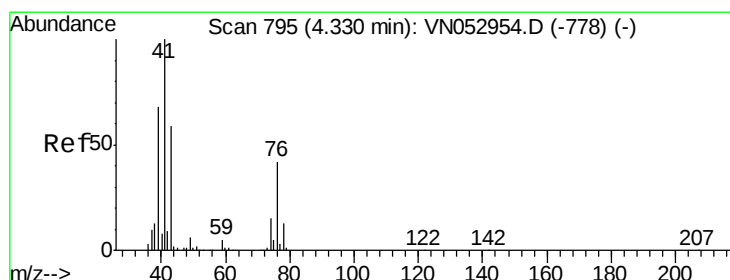
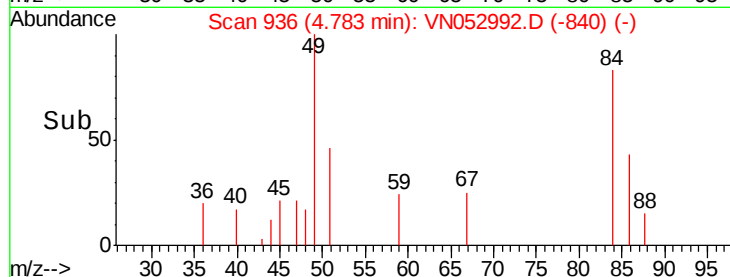
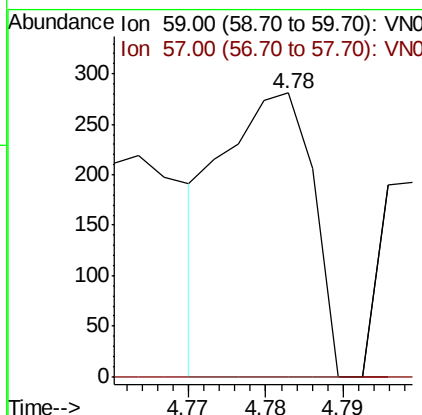
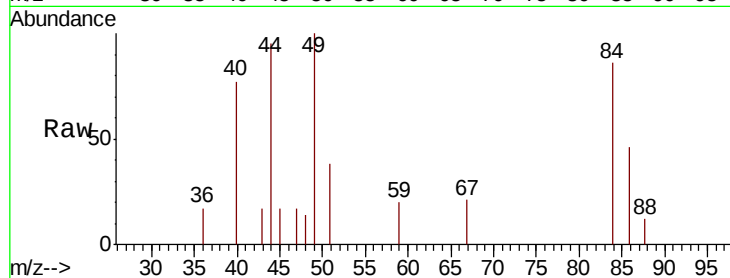


#11

Tert butyl alcohol
 Concen: 0.265 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

Instrument :
 MSVOA_N
 ClientSampled :
 SS-SOIL

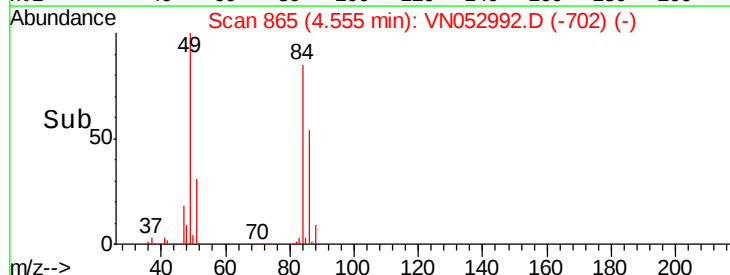
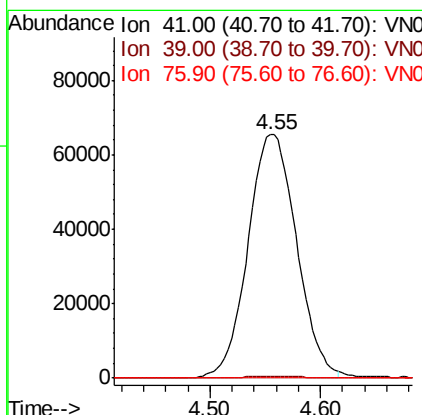
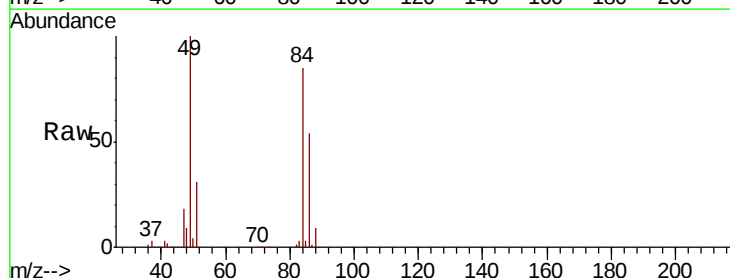
Tot Ion: 59 Resp: 233
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

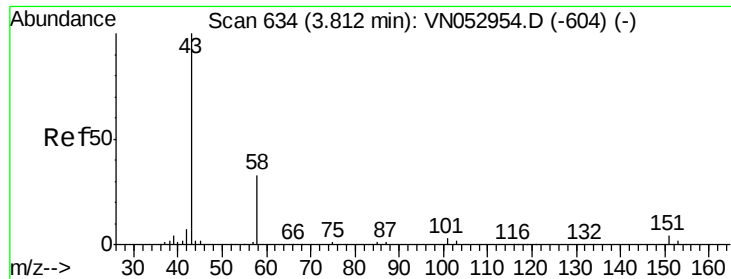


#14

Allyl chloride
 Concen: 9.513 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.23 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

Tgt Ion: 41 Resp: 199647
 Ion Ratio Lower Upper
 41 100
 39 0.2 54.1 81.1#
 76 0.0 30.3 45.5#





#16

Acetone

Concen: 9.383 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampled :

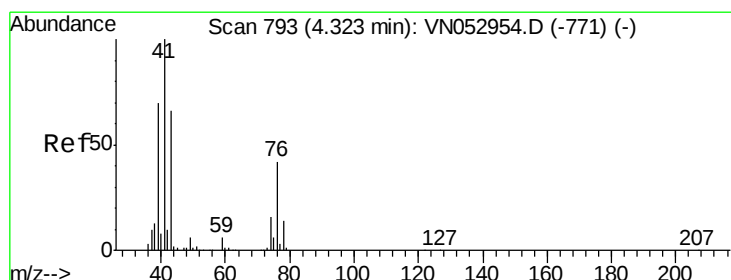
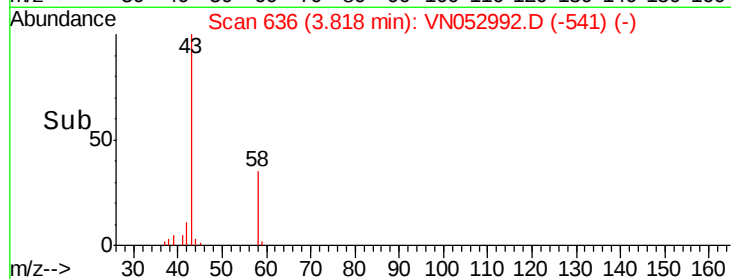
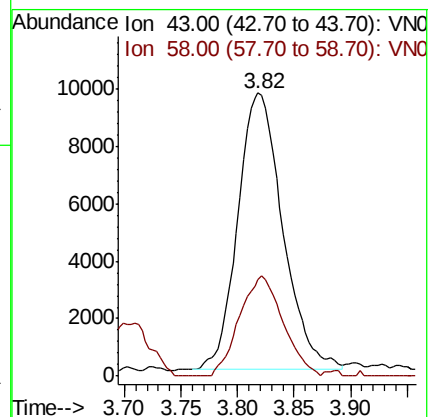
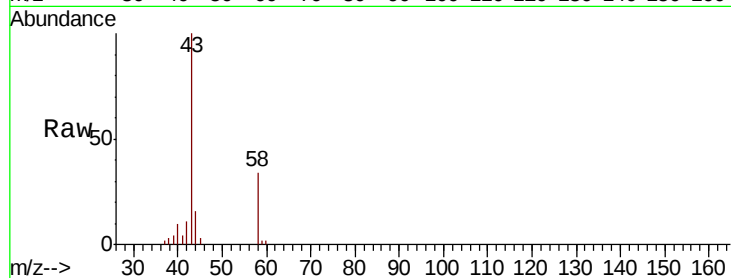
SS-SOIL

Tot Ion: 43 Resp: 26537

Ion Ratio Lower Upper

43 100

58 34.8 25.4 38.0



#18

Methyl Acetate

Concen: 1.597 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN052992.D

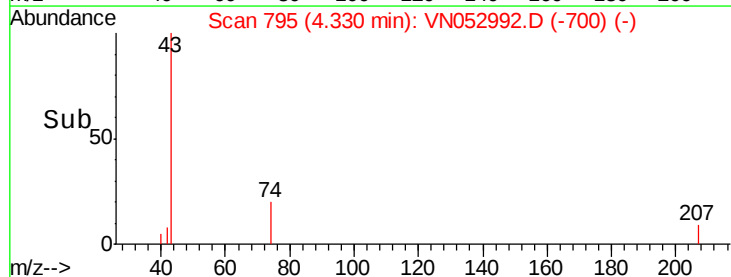
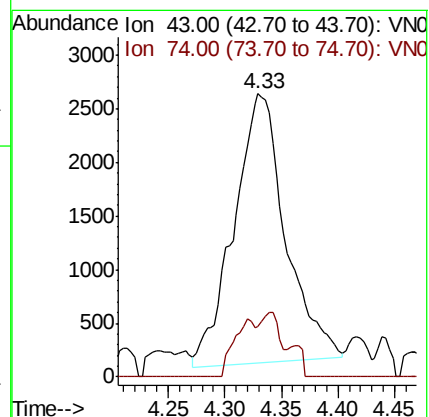
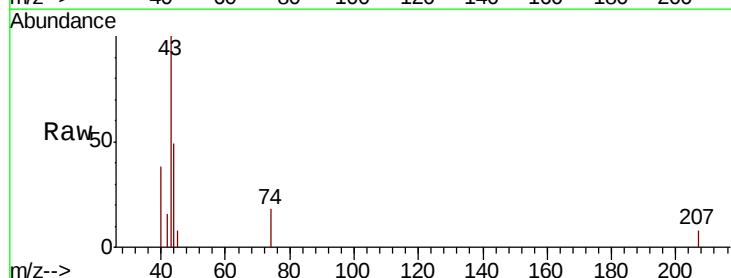
Acq: 19 Dec 2018 5:59

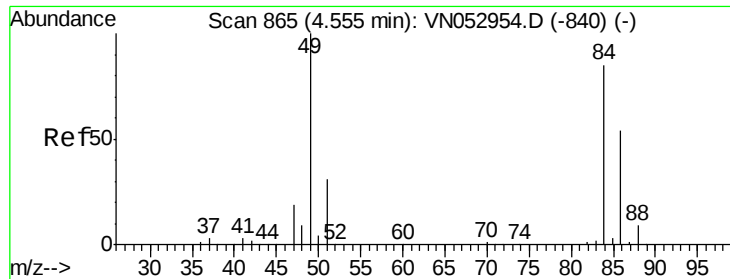
Tgt Ion: 43 Resp: 7927

Ion Ratio Lower Upper

43 100

74 8.7 19.2 28.8#



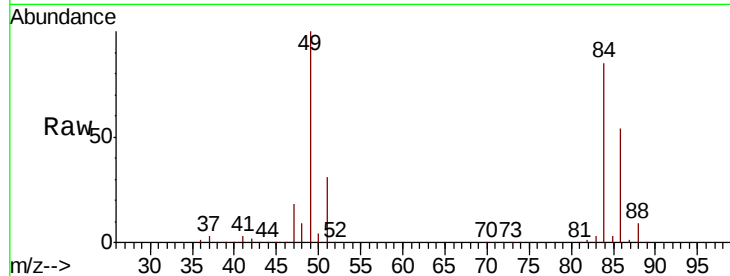


#20
Methvlene Chloride
Concen: 360.186 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Instrument :
MSVOA_N
ClientSampled :
SS-SOIL

Tot Ion: 84 Resp: 5557038

Ion	Ratio	Lower	Upper
84	100		
49	118.0	96.8	145.2
51	36.7	29.9	44.9
86	64.1	51.8	77.6



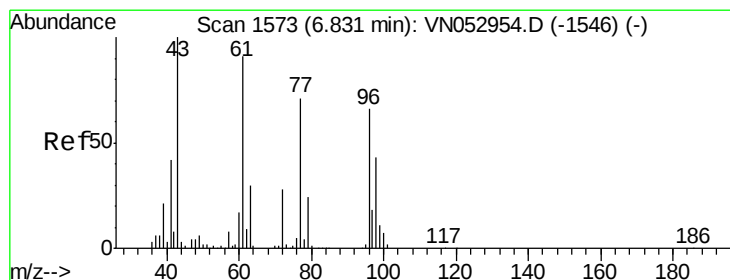
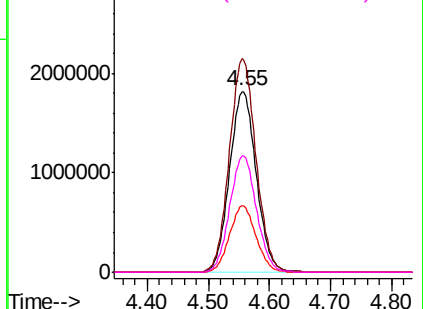
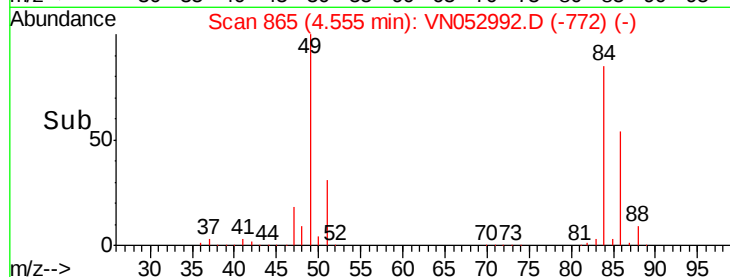
Abundance

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

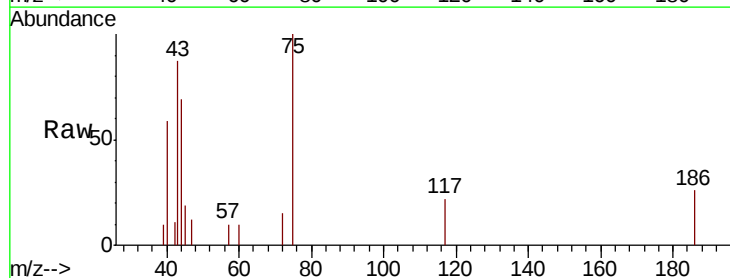
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 0.626 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Tgt Ion: 43 Resp: 2972

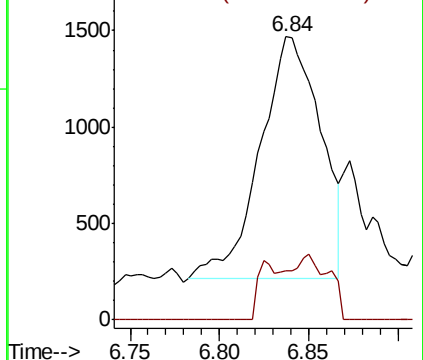
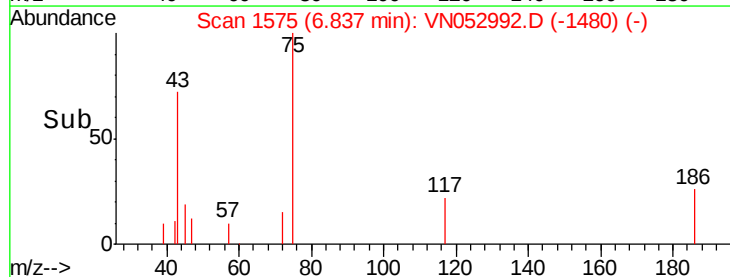
Ion	Ratio	Lower	Upper
43	100		
72	20.6	21.0	31.6#

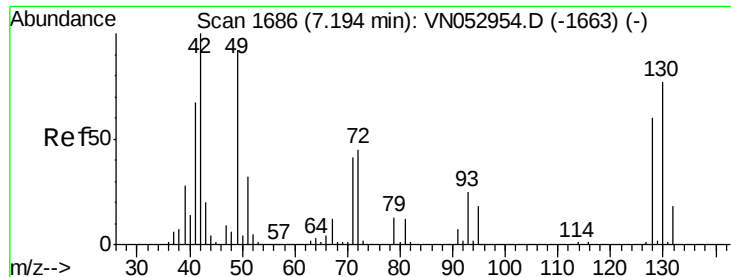


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#28

Bromochloromethane

Concen: 0.267 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampled :

SS-SOIL

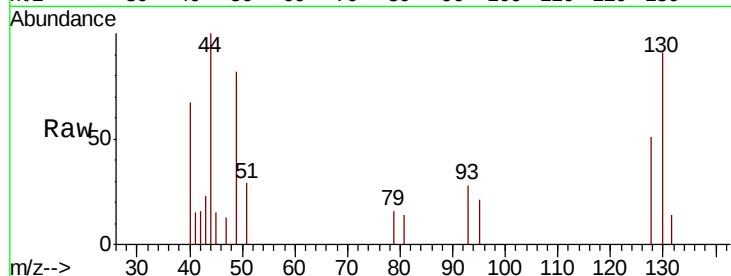
Tot Ion: 49 Resp: 3078

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

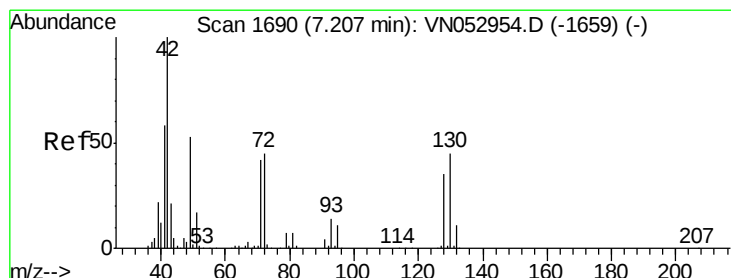
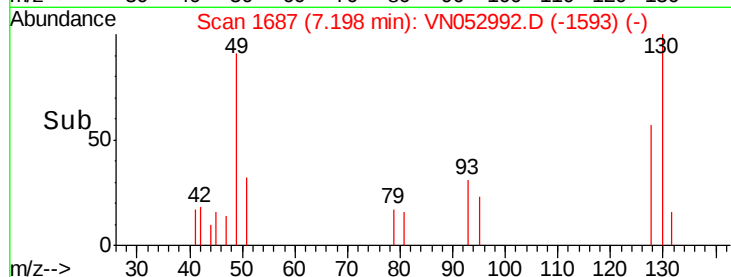
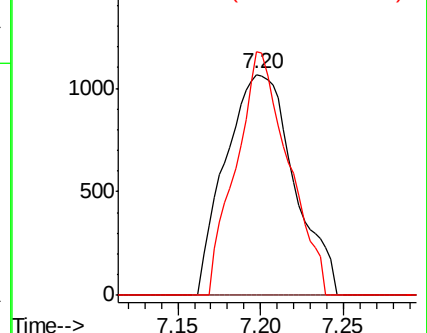
130 83.8 63.3 94.9



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.384 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

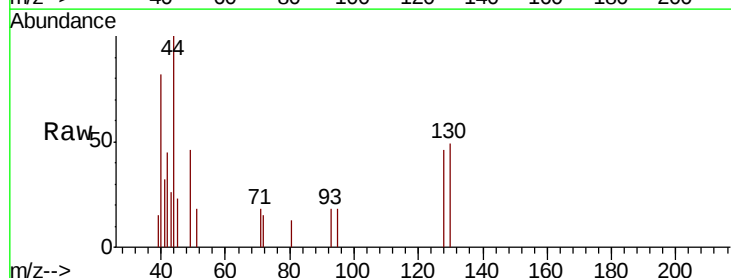
Tgt Ion: 42 Resp: 1360

Ion Ratio Lower Upper

42 100

72 13.5 34.7 52.1#

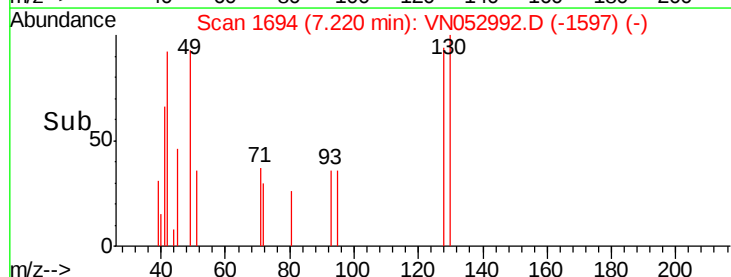
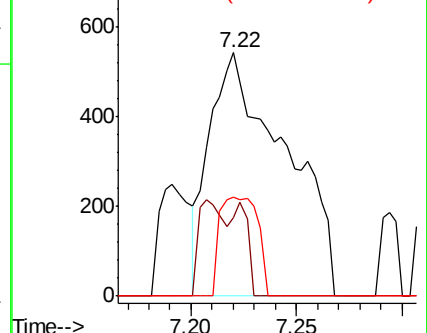
71 20.0 32.3 48.5#

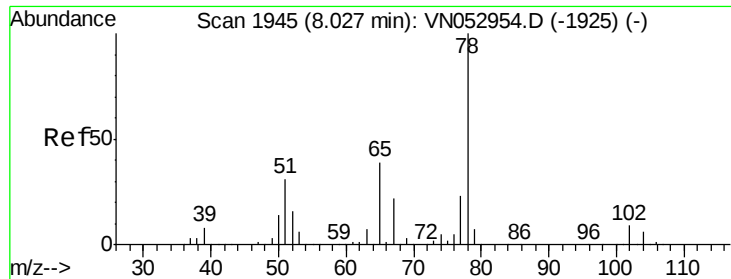


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

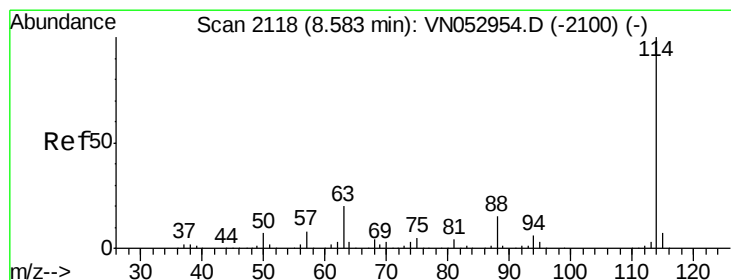
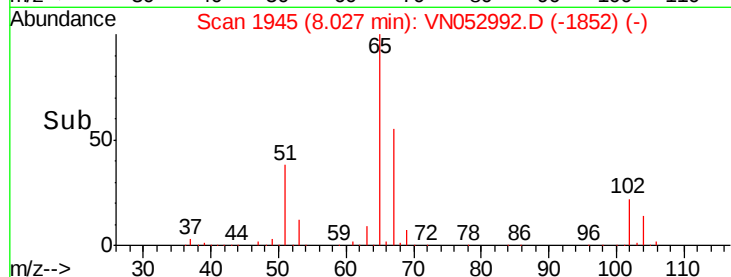
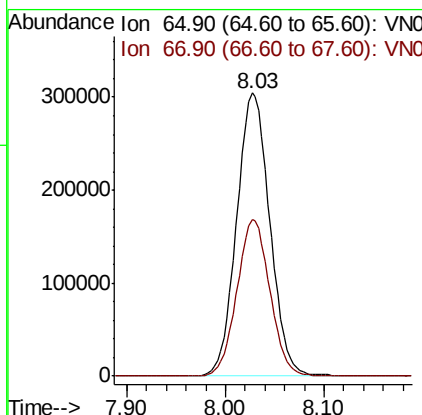
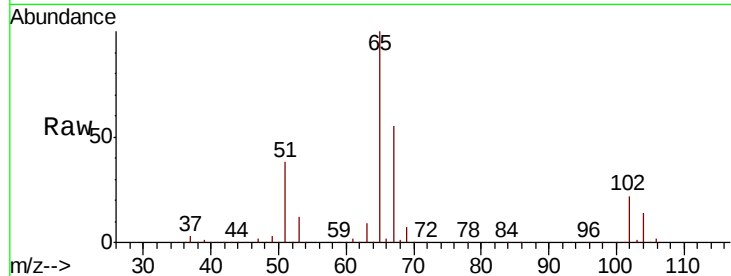




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

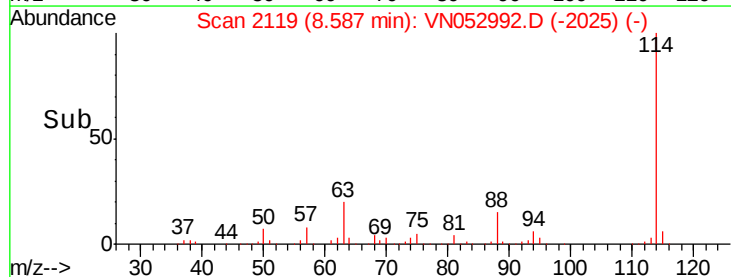
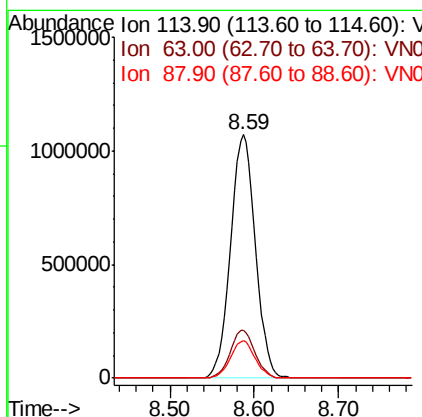
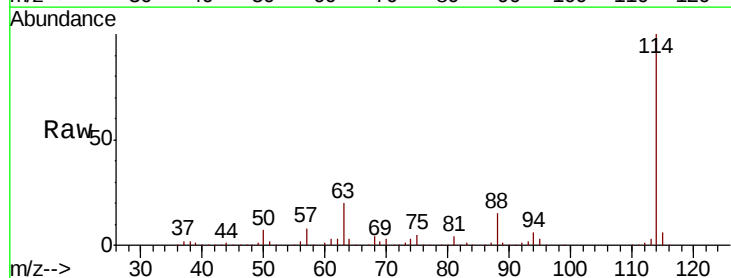
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-SOIL

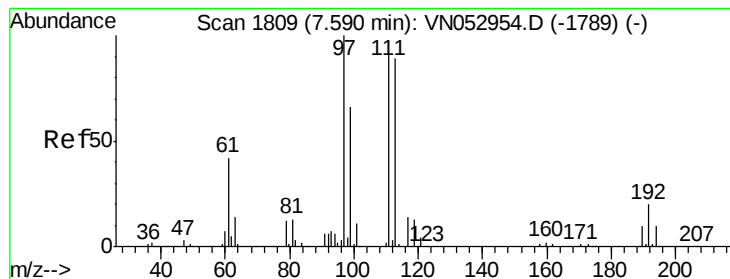
Tot Ion: 65 Resp: 706776
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

Tgt Ion: 114 Resp: 2193421
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

SS-SOIL

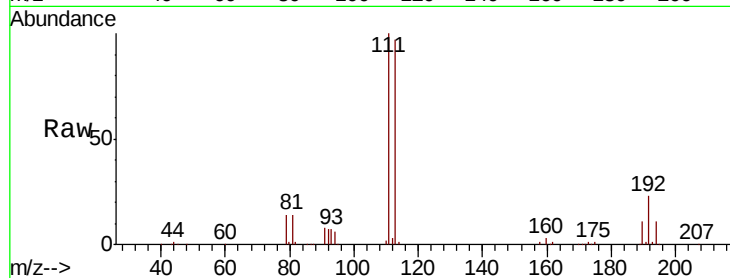
Tot Ion:113 Resp: 569899

Ion Ratio Lower Upper

113 100

111 101.1 83.0 124.4

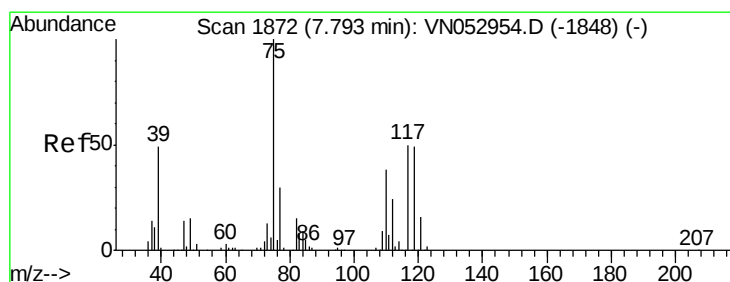
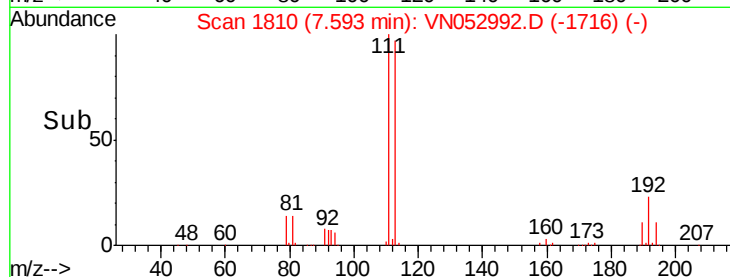
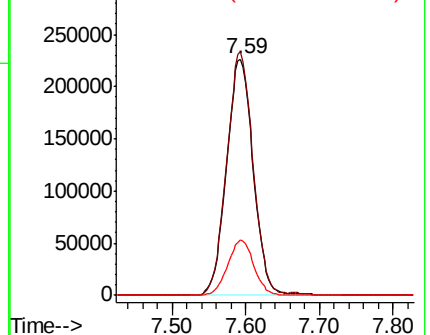
192 22.8 17.5 26.3



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: 4.316 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

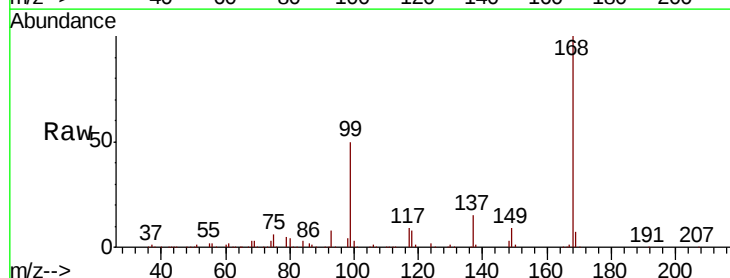
Tgt Ion: 75 Resp: 90857

Ion Ratio Lower Upper

75 100

110 8.2 18.2 54.6#

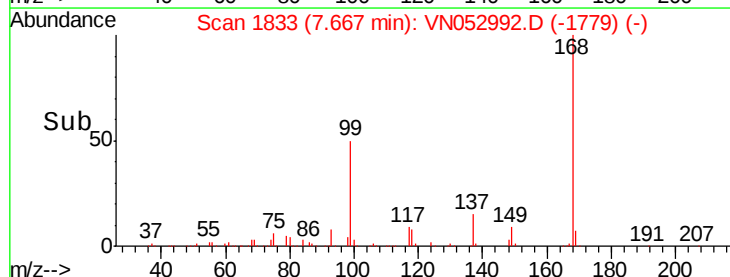
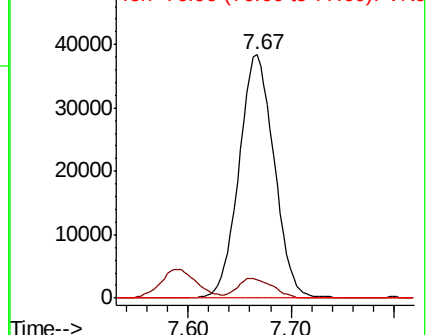
77 0.0 24.9 37.3#

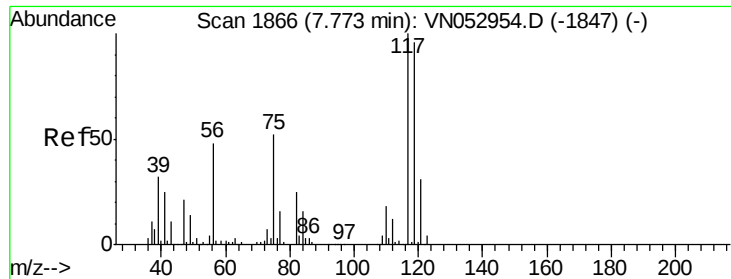


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.418 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampled :

SS-SOIL

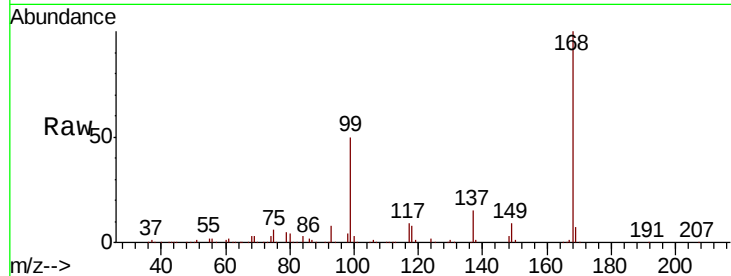
Tot Ion:117 Resp: 123844

Ion Ratio Lower Upper

117 100

119 5.8 77.1 115.7#

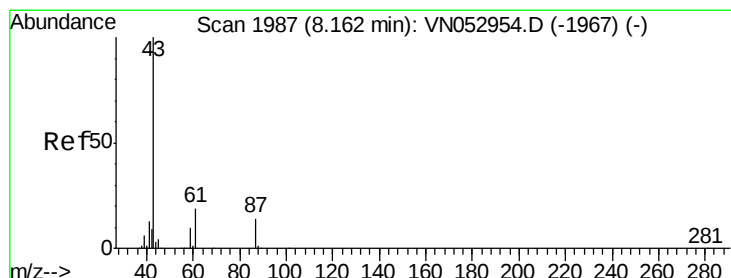
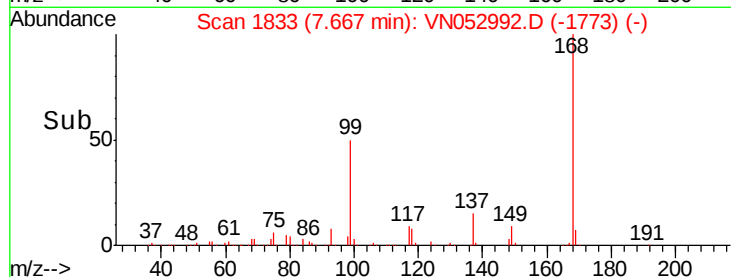
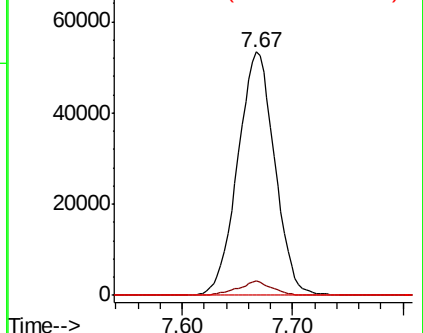
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.592 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

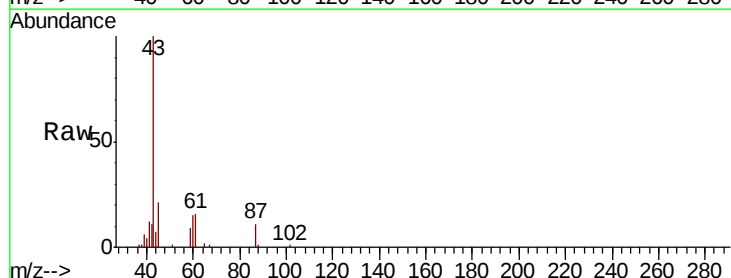
Tgt Ion: 43 Resp: 81487

Ion Ratio Lower Upper

43 100

61 17.4 22.9 34.3#

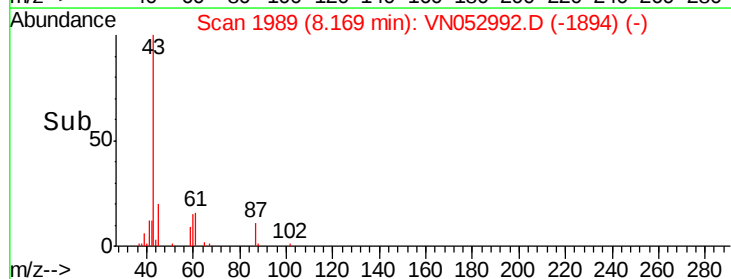
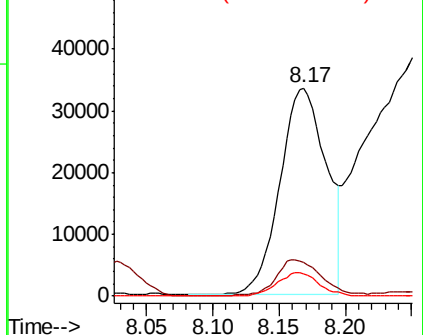
87 10.1 10.6 15.8#

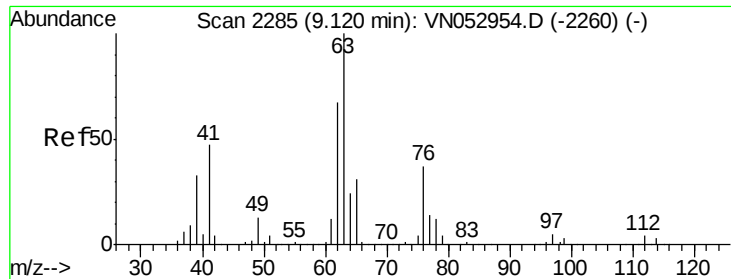


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.263 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

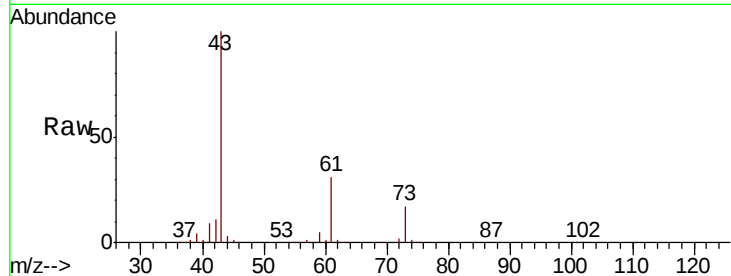
SS-SOIL

Tot Ion: 63 Resp: 4282

Ion Ratio Lower Upper

63 100

65 0.0 24.6 37.0#

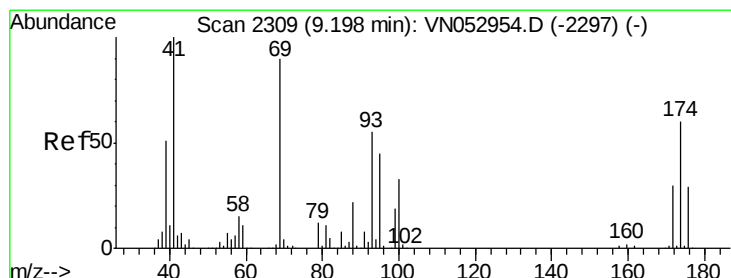
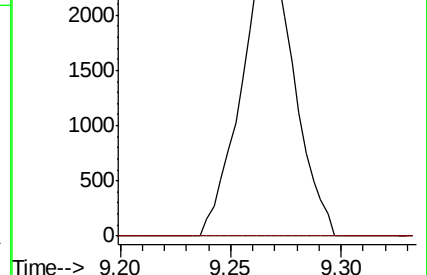
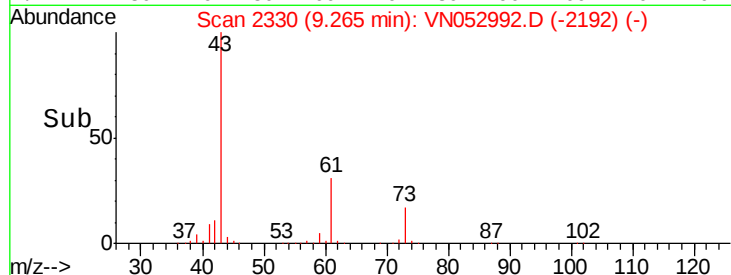


Abundance Ion 62.90 (62.60 to 63.60): VN052992.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN052992.D (-2192) (-)

9.27

Time-->



#48

Methyl methacrylate

Concen: 2.226 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

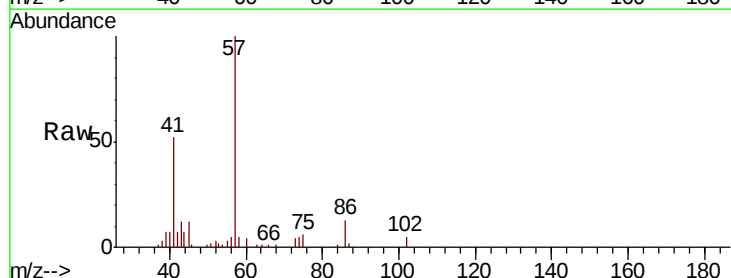
Tgt Ion: 41 Resp: 25382

Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

39 17.0 41.9 62.9#



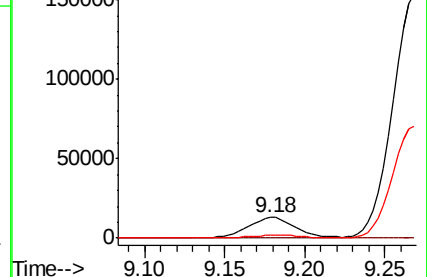
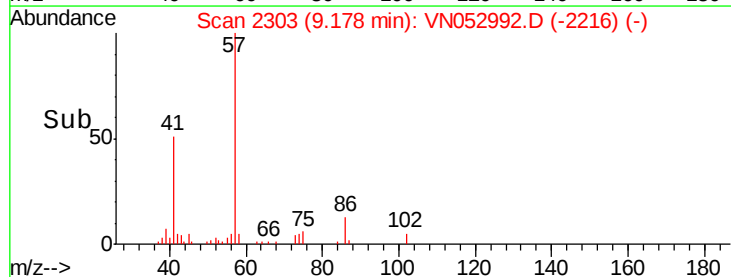
Abundance Ion 41.00 (40.70 to 41.70): VN052992.D (-2216) (-)

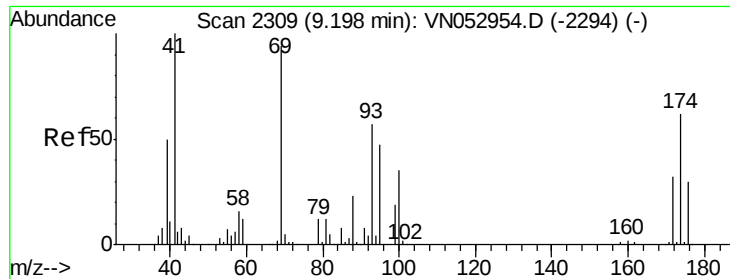
Ion 69.00 (68.70 to 69.70): VN052992.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052992.D (-2216) (-)

9.18

Time-->





#49

1,4-Dioxane

Concen: 4.256 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampled :

SS-SOIL

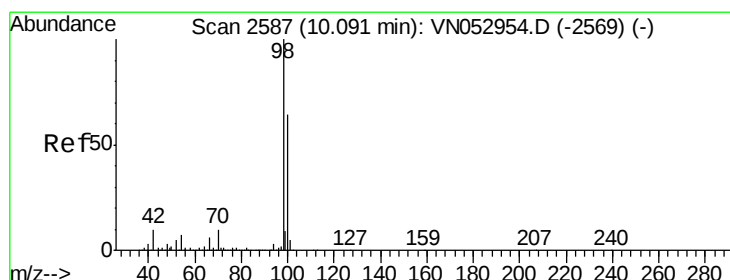
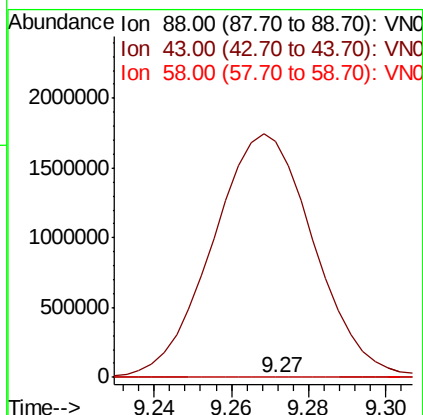
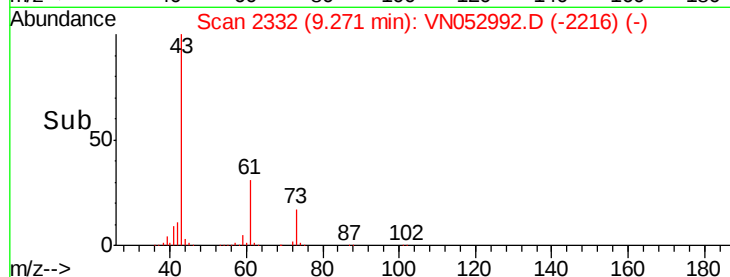
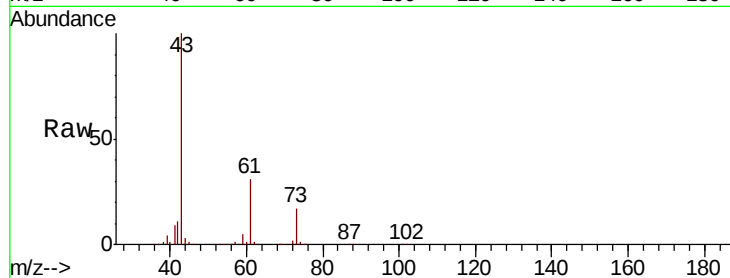
Tot Ion: 88 Resp: 614

Ion Ratio Lower Upper

88 100

43 519901.8 26.6 40.0#

58 2010.4 58.4 87.6#



#50

Toluene-d8

Concen: 4.256 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052992.D

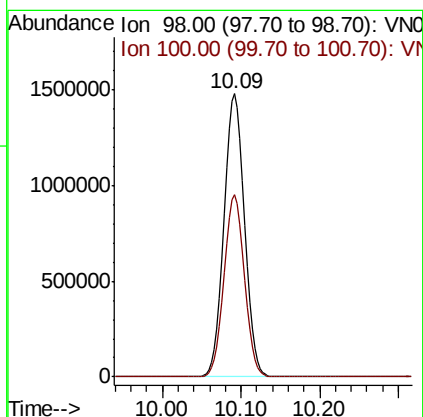
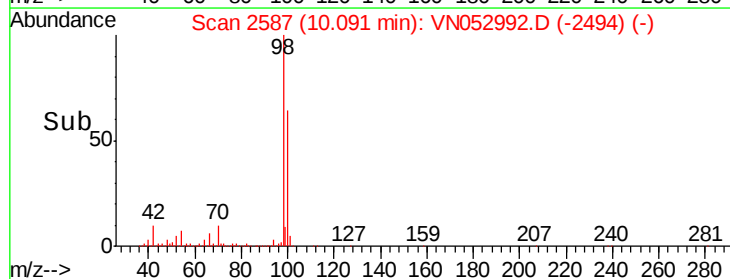
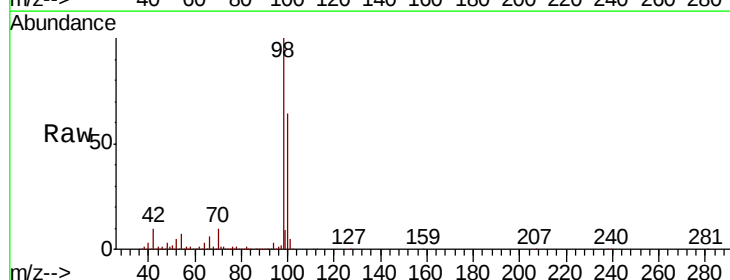
Acq: 19 Dec 2018 5:59

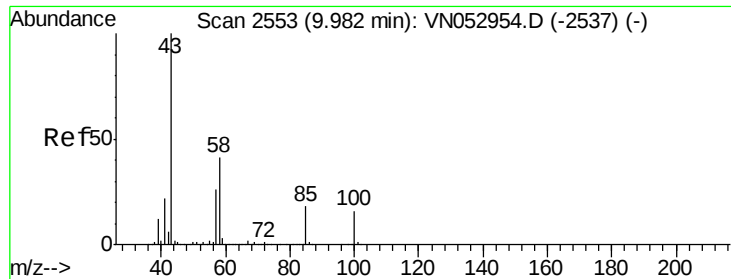
Tgt Ion: 98 Resp: 2659840

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 2.455 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampled :

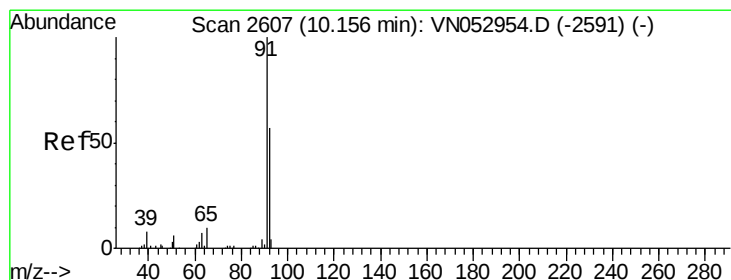
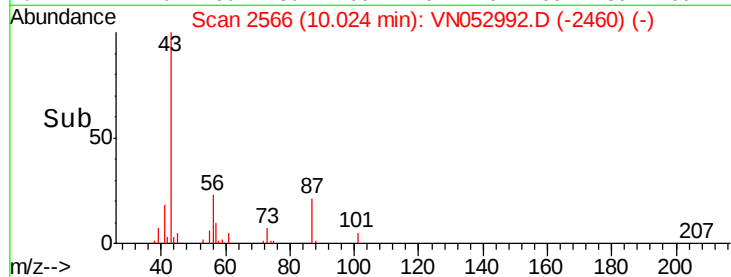
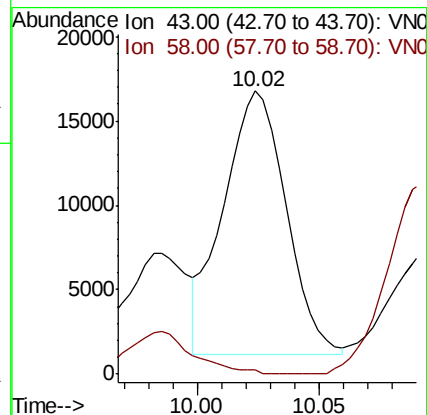
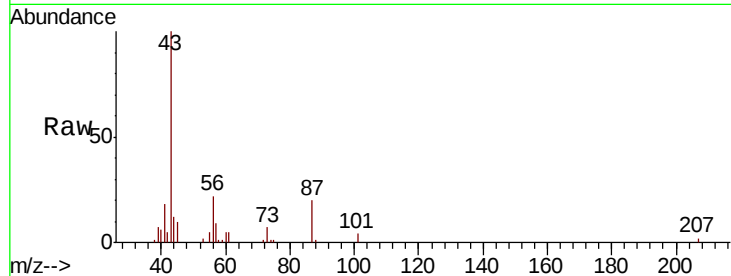
SS-SOIL

Tot Ion: 43 Resp: 27943

Ion Ratio Lower Upper

43 100

58 0.0 32.2 48.4#



#52

Toluene

Concen: 0.243 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052992.D

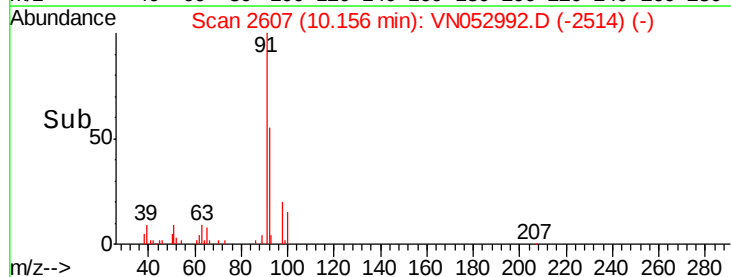
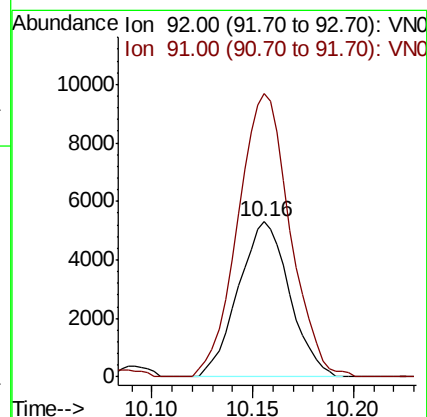
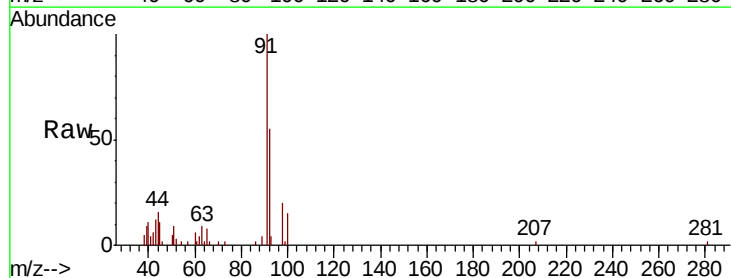
Acq: 19 Dec 2018 5:59

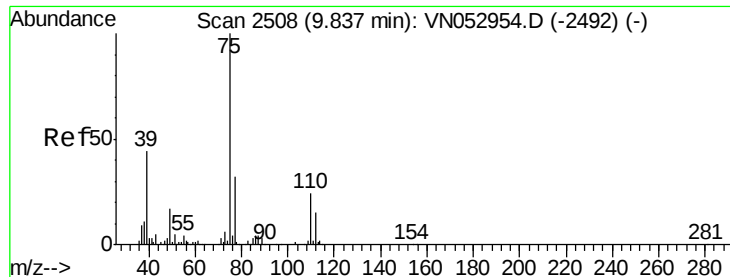
Tgt Ion: 92 Resp: 9424

Ion Ratio Lower Upper

92 100

91 185.6 139.8 209.6





#54

cis-1,3-Dichloropropene

Concen: 7.724 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

SS-SOIL

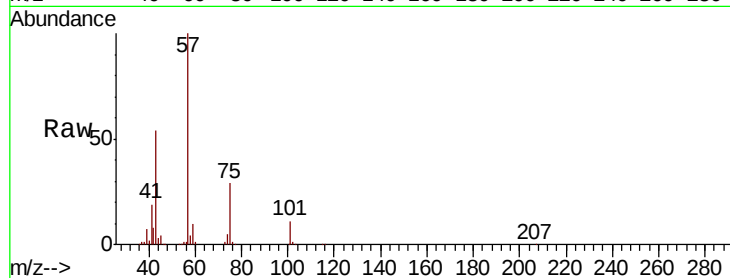
Tot Ion: 75 Resp: 188301

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.8#

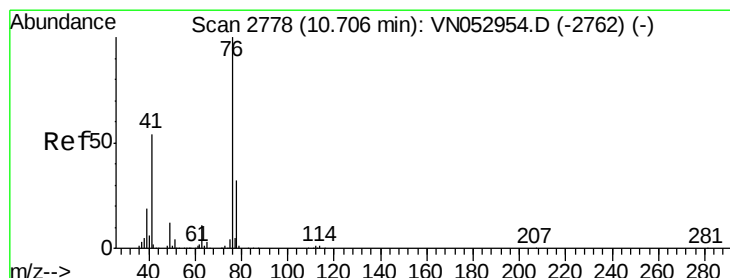
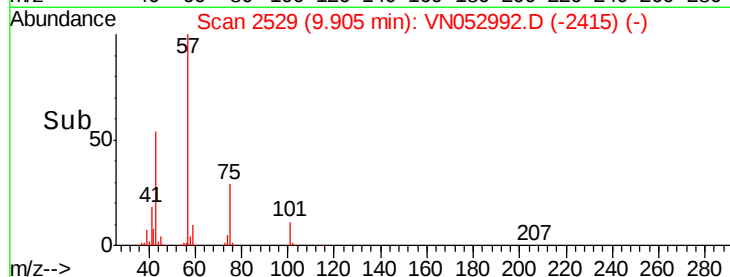
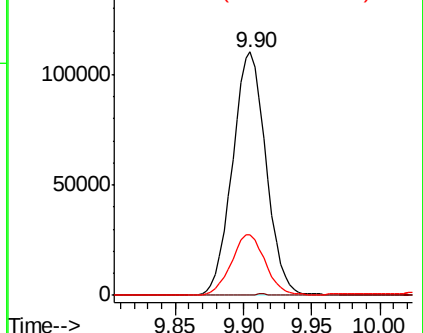
39 24.9 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.393 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN052992.D

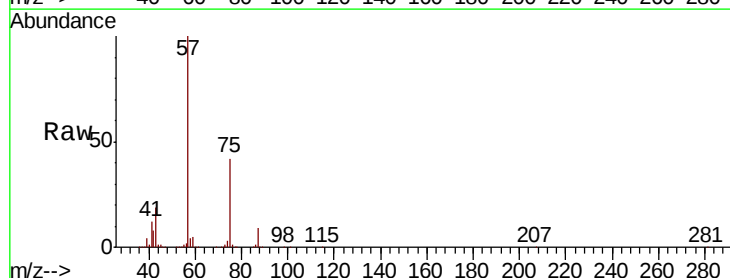
Acq: 19 Dec 2018 5:59

Tgt Ion: 76 Resp: 32348

Ion Ratio Lower Upper

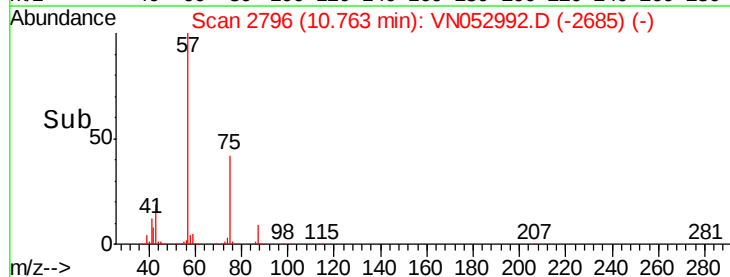
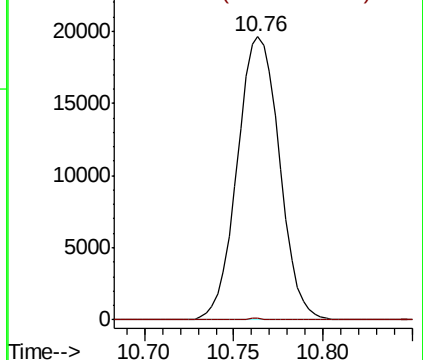
76 100

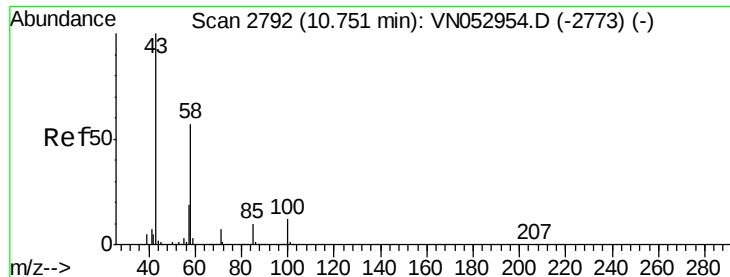
78 0.2 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

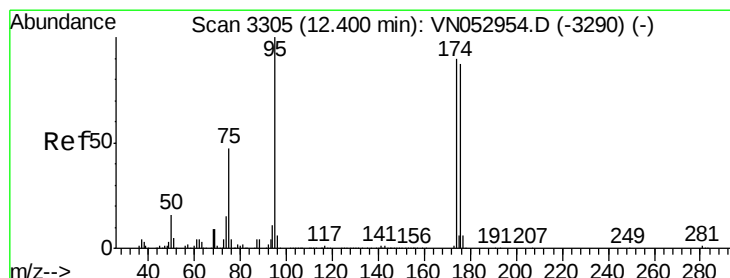
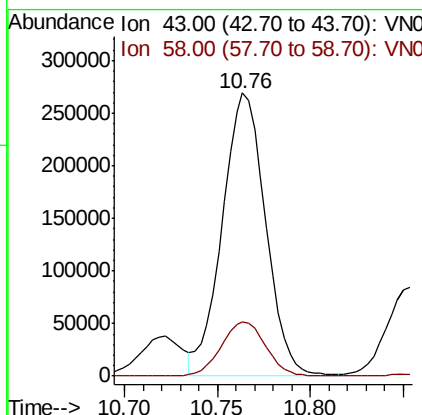
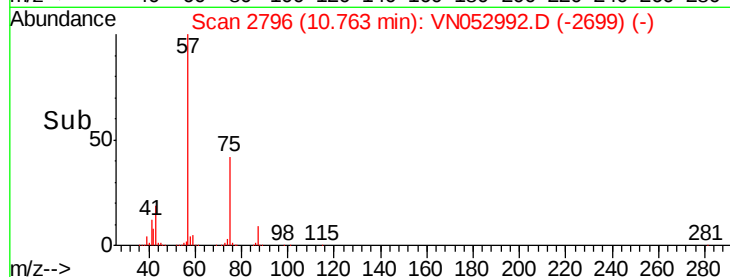
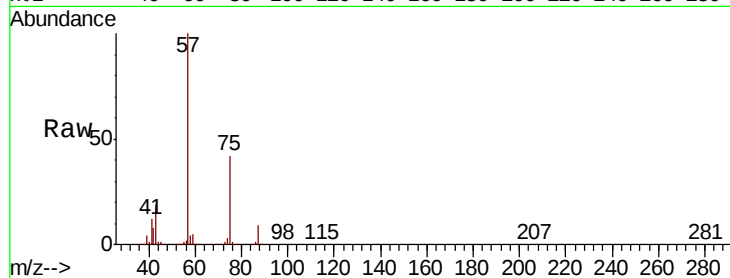




#59
2-Hexanone
Concen: 56.268 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

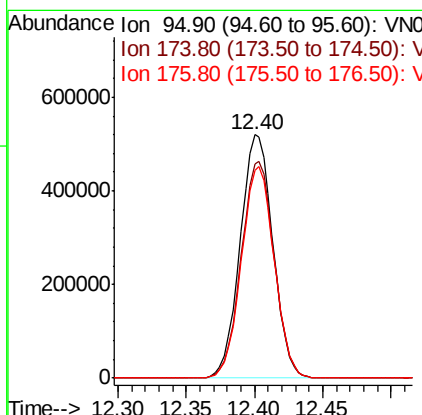
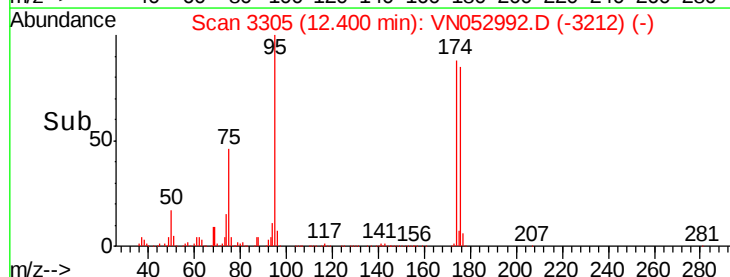
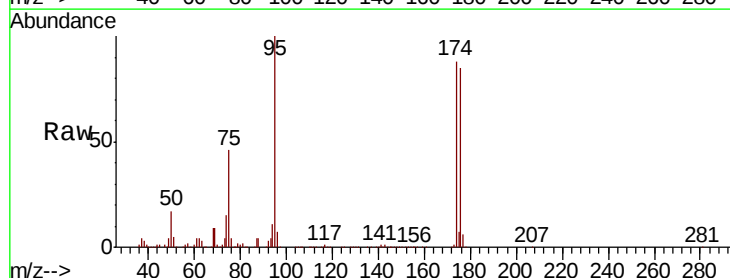
Instrument :
MSVOA_N
ClientSampleId :
SS-SOIL

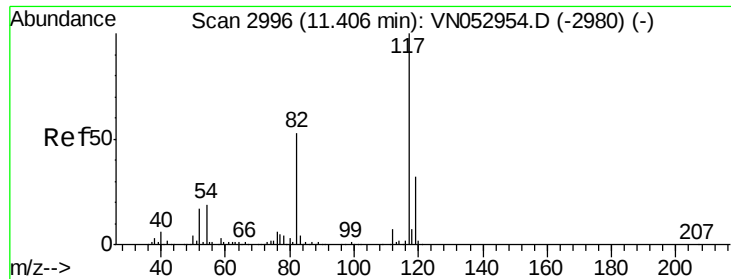
Tot Ion: 43 Resp: 433297
Ion Ratio Lower Upper
43 100
58 19.9 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Tgt Ion: 95 Resp: 865930
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.8
176 87.0 0.0 173.8

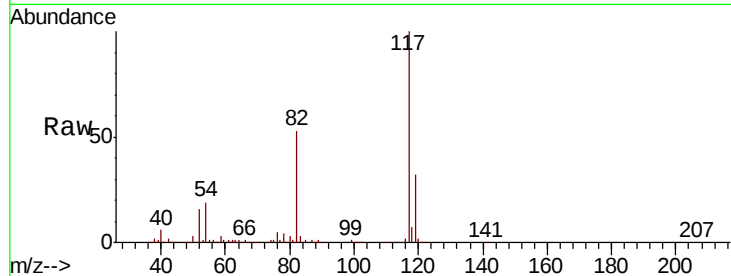




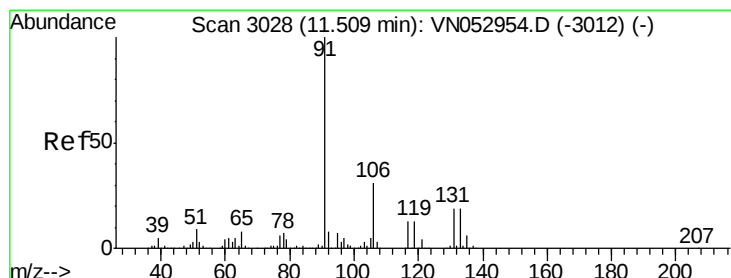
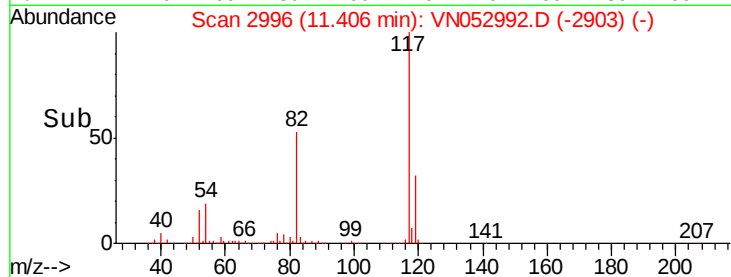
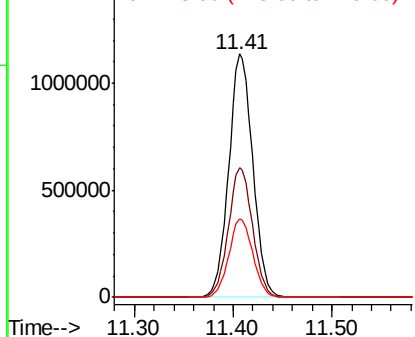
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Instrument :
MSVOA_N
ClientSampled :
SS-SOIL

Tot Ion:117 Resp: 1934185
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 32.2 25.5 38.3

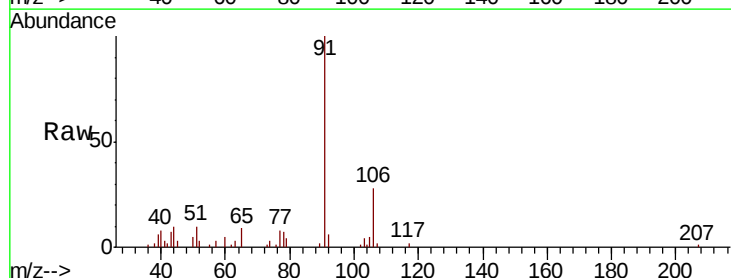


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

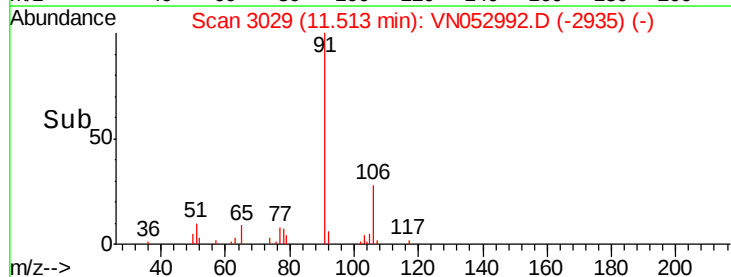
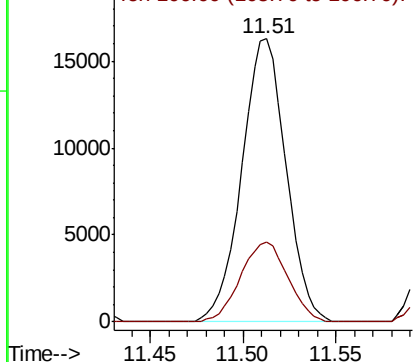


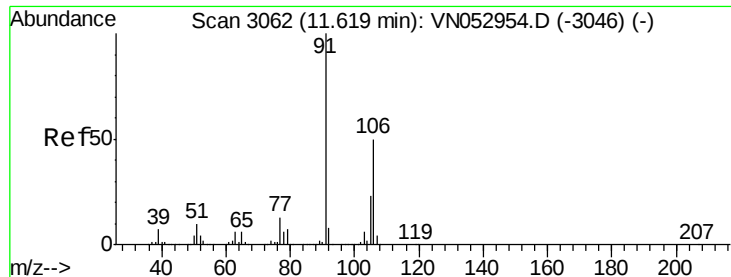
#67
Ethyl Benzene
Concen: 0.365 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Tgt Ion: 91 Resp: 26902
Ion Ratio Lower Upper
91 100
106 28.3 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

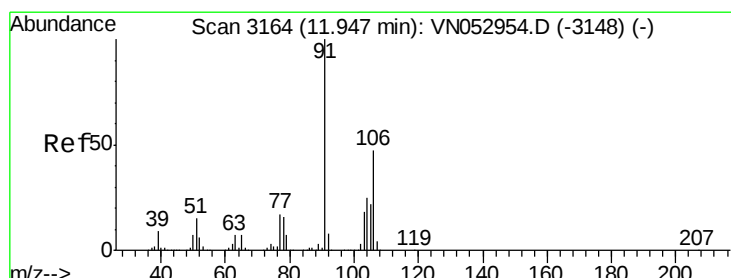
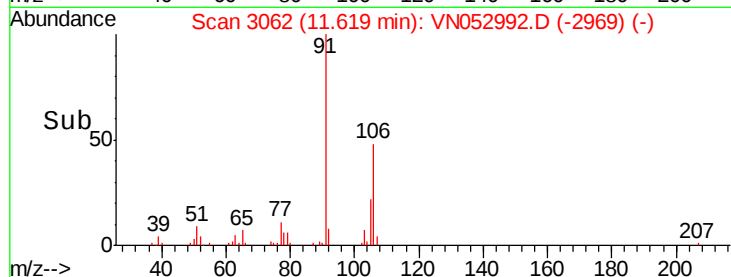
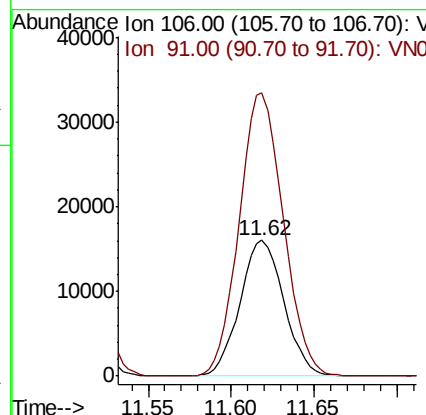
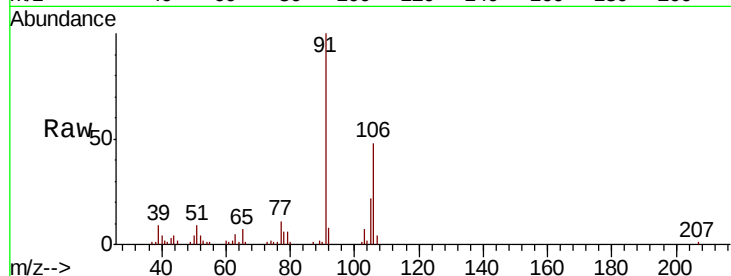




#68
m/p-Xylenes
Concen: 1.055 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

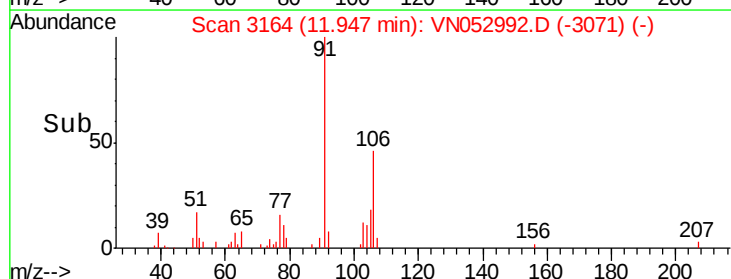
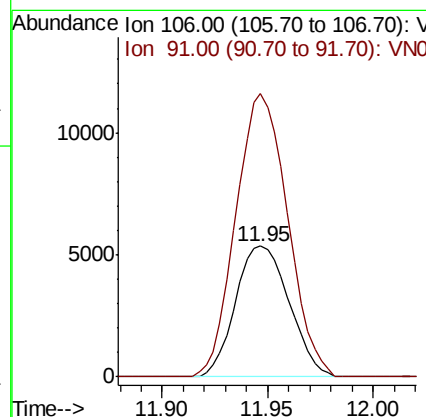
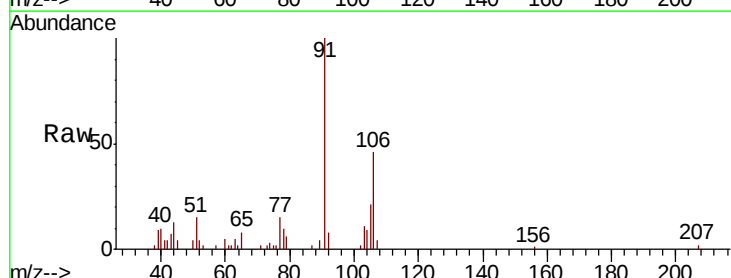
Instrument :
MSVOA_N
ClientSampled :
SS-SOIL

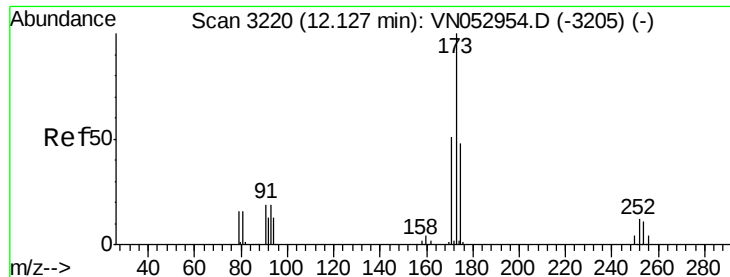
Tot Ion:106 Resp: 29566
Ion Ratio Lower Upper
106 100
91 209.4 162.2 243.4



#69
o-Xylene
Concen: 0.352 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Tgt Ion:106 Resp: 9475
Ion Ratio Lower Upper
106 100
91 208.8 106.6 319.8





#71

Bromoform

Concen: 0.476 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052992.D

Acq: 19 Dec 2018 5:59

Instrument :

MSVOA_N

ClientSampleId :

SS-SOIL

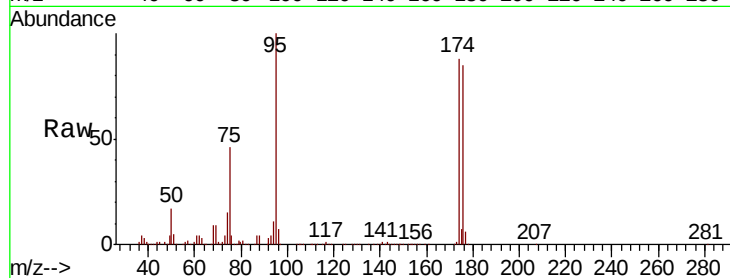
Tot Ion:173 Resp: 5125

Ion Ratio Lower Upper

173 100

175 979.5 24.3 72.9#

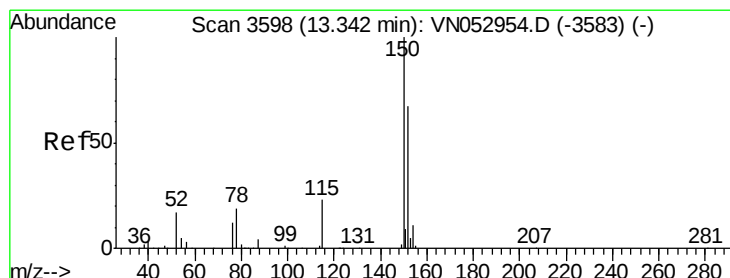
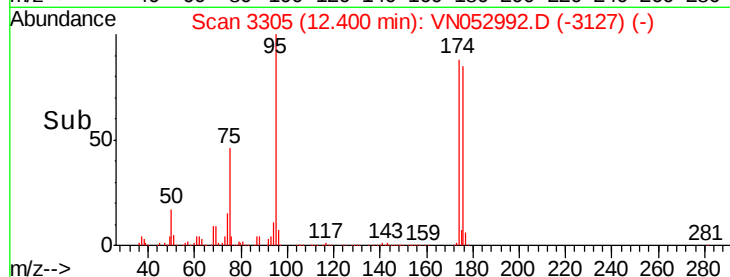
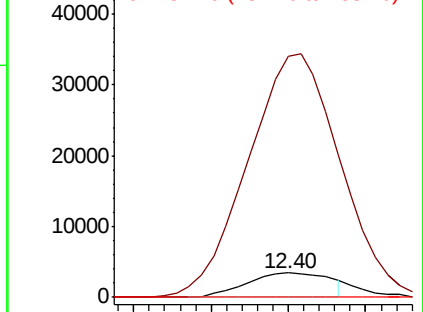
254 0.0 0.1 0.1#



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: VN052992.D

Acq: 19 Dec 2018 5:59

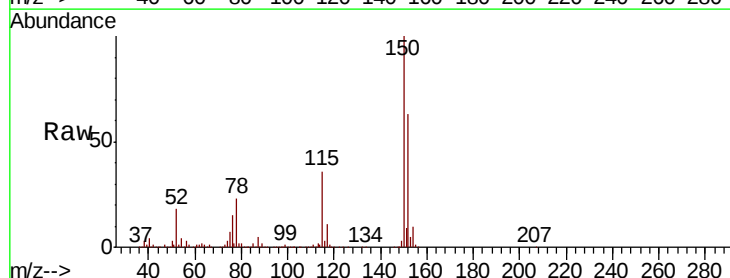
Tgt Ion:152 Resp: 777170

Ion Ratio Lower Upper

152 100

115 56.7 28.3 85.0

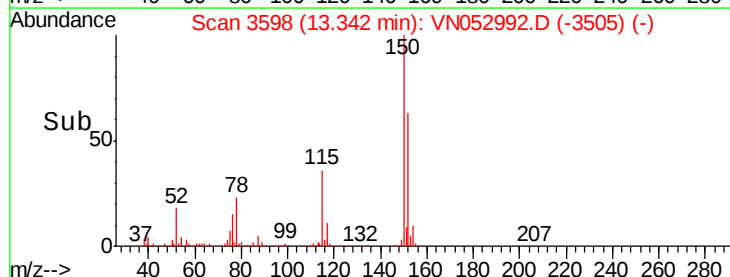
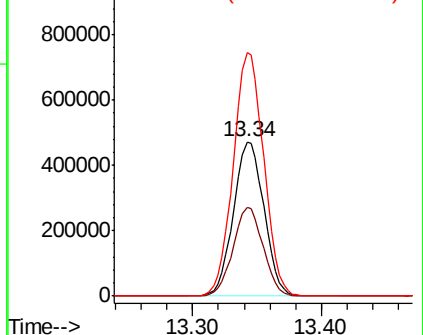
150 157.1 0.0 347.8

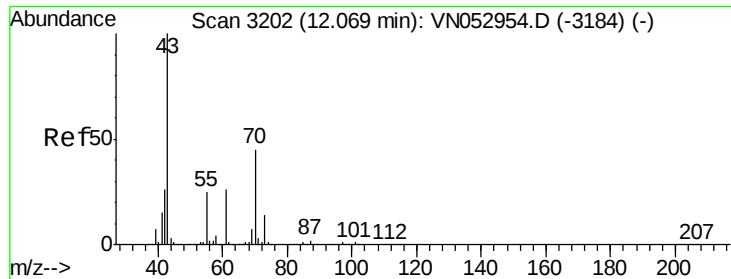


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

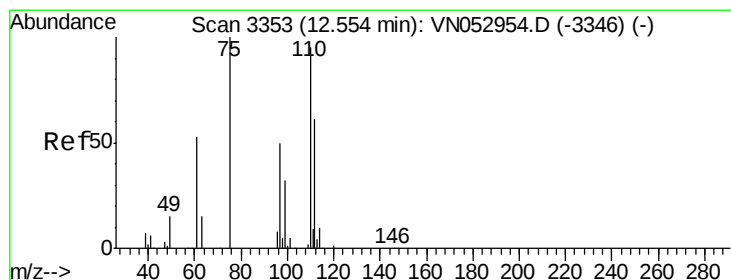
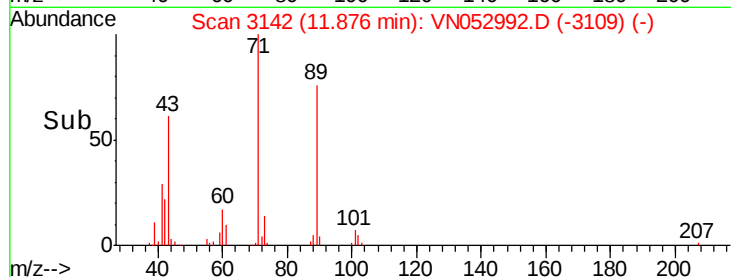
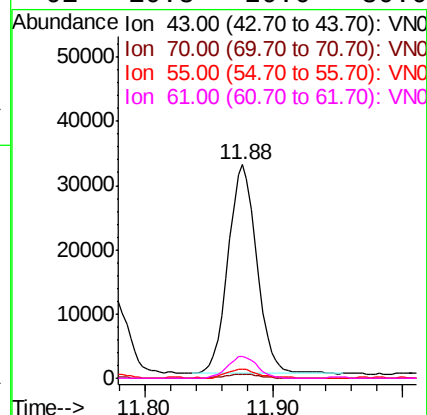
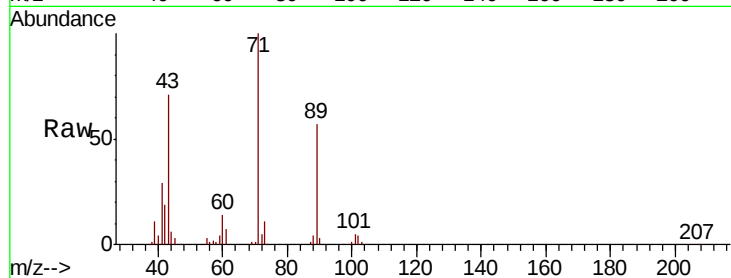




#74
N-amyl acetate
Concen: 2.991 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

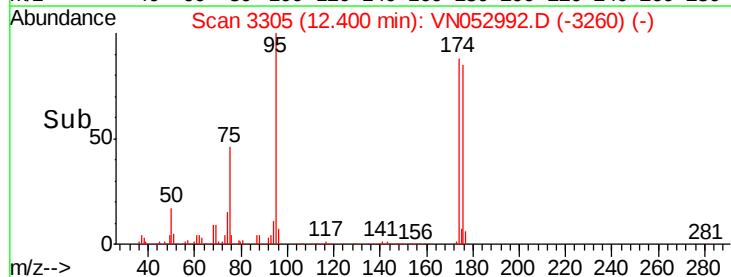
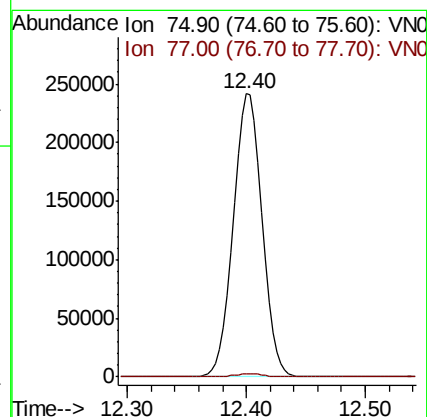
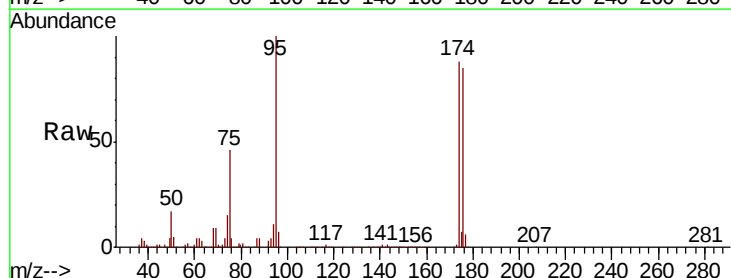
Instrument :
MSVOA_N
ClientSampled :
SS-SOIL

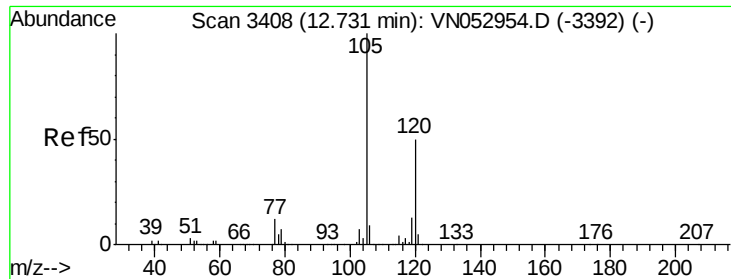
Tot Ion	43	70	55	61
Resp:	50501			
Ion Ratio	100	2.3	4.4	10.8
Lower		34.2	20.3	20.0
Upper		51.4#	30.5#	30.0#



#76
1,2,3-Trichloropropane
Concen: 30.896 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Tgt Ion	75	77
Resp:	404207	
Ion Ratio	100	1.2
Lower		0.0
Upper		0.0#

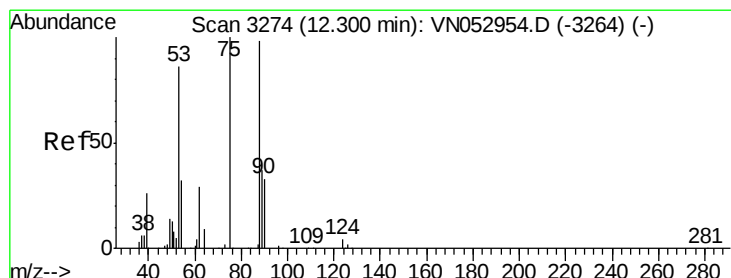
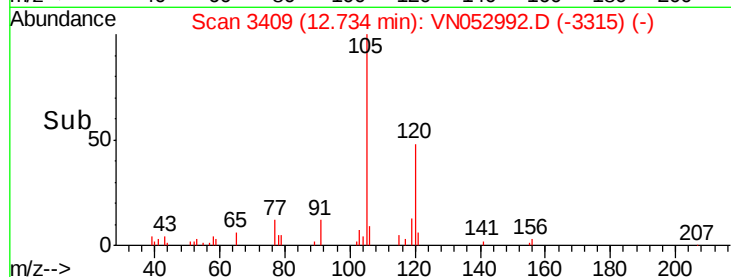
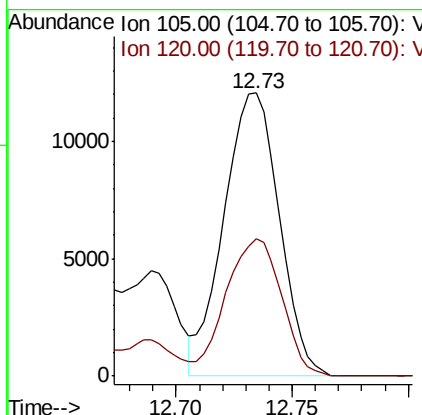
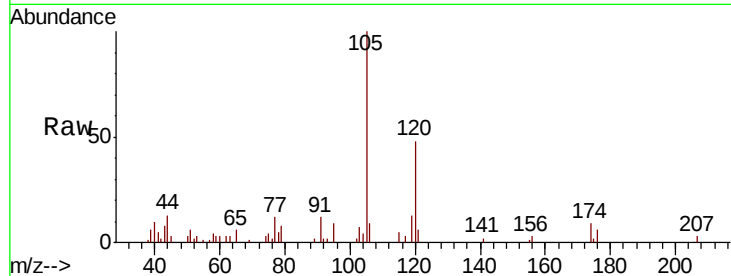




#80
 1,3,5-Trimethylbenzene
 Concen: 0.405 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

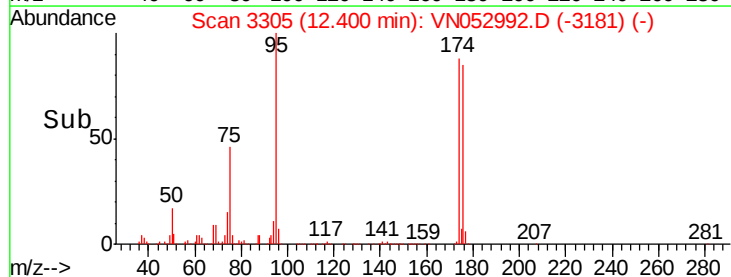
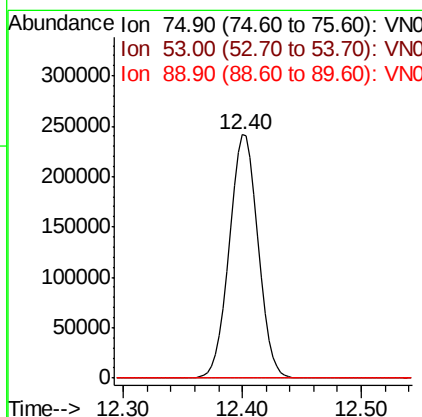
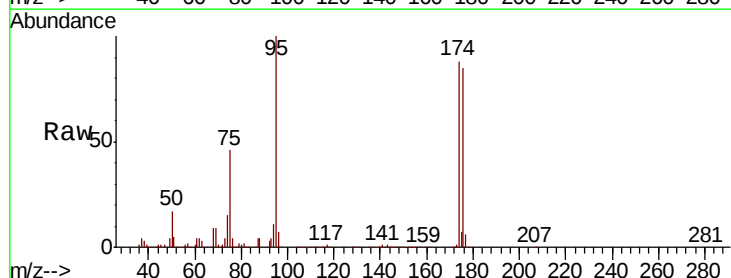
Instrument :
 MSVOA_N
 ClientSampled :
 SS-SOIL

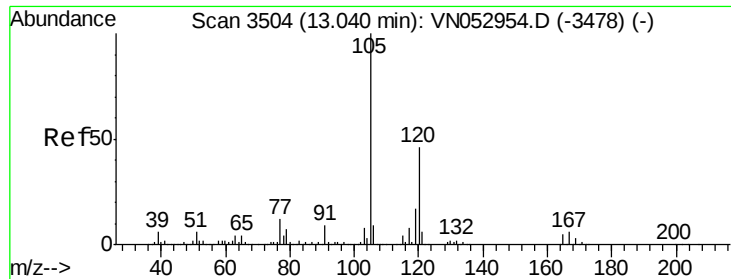
Tot Ion:105 Resp: 20092
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.581 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

Tgt Ion: 75 Resp: 404207
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 36.1 54.1#

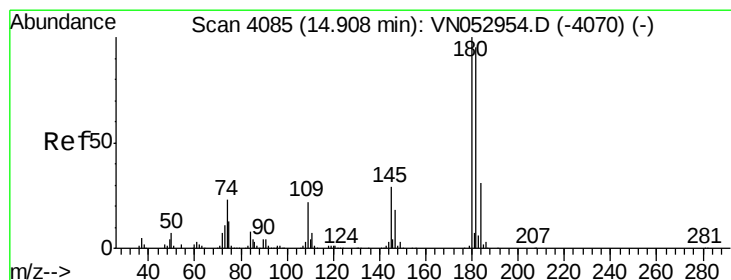
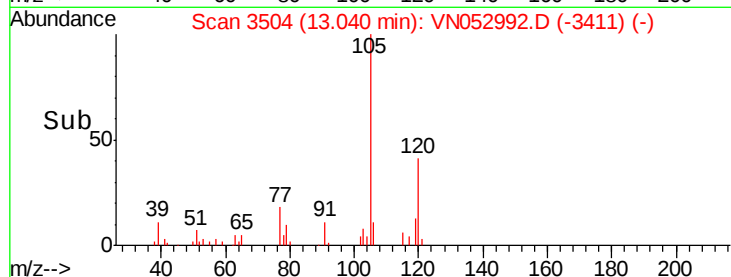
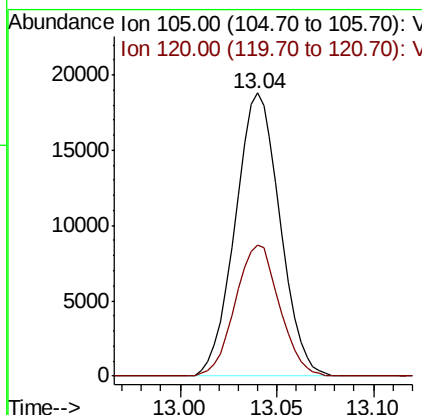
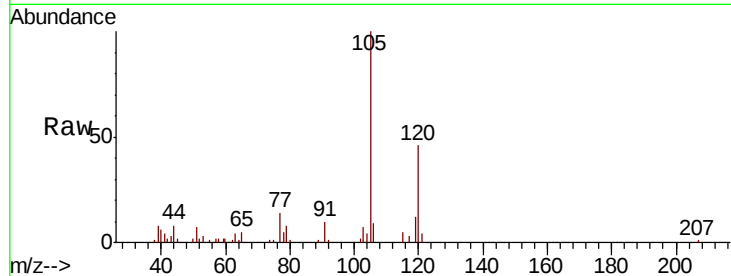




#84
 1,2,4-Trimethylbenzene
 Concen: 0.606 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

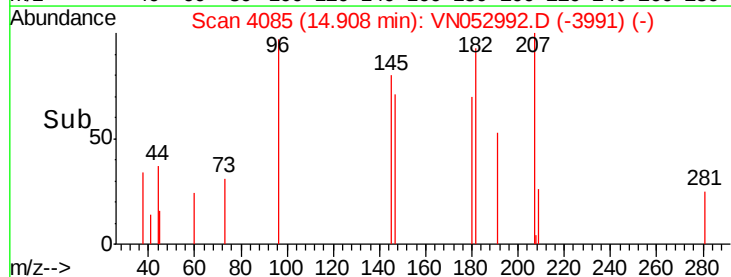
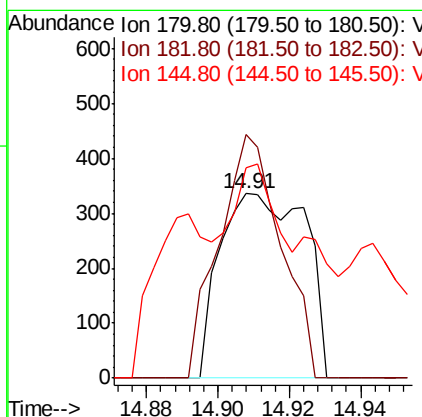
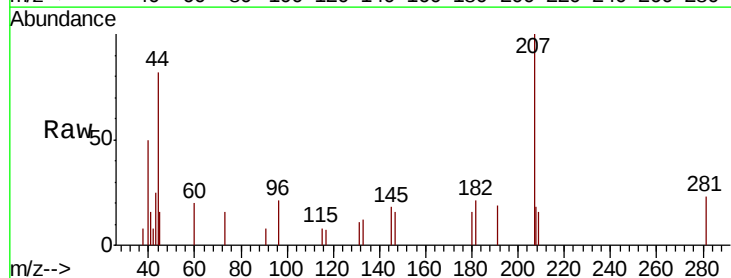
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-SOIL

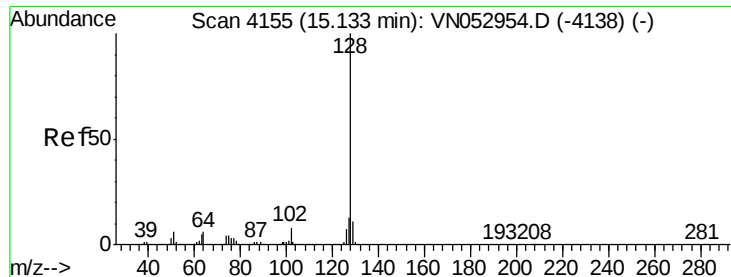
Tot Ion:105 Resp: 30186
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.8



#93
 1,2,4-Trichlorobenzene
 Concen: 0.635 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052992.D
 Acq: 19 Dec 2018 5:59

Tgt Ion:180 Resp: 554
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.8 143.3
 145 56.1 14.2 42.6#

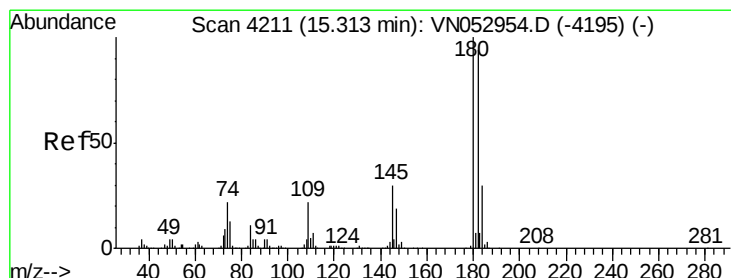
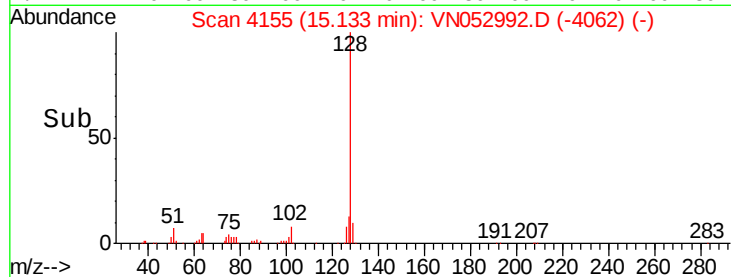
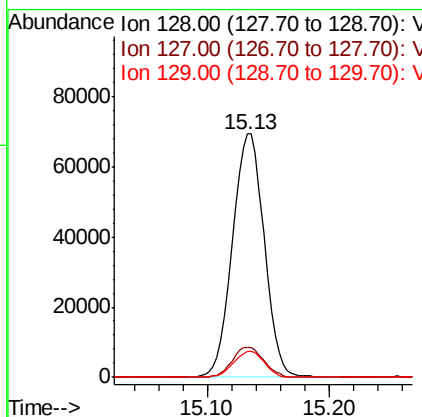
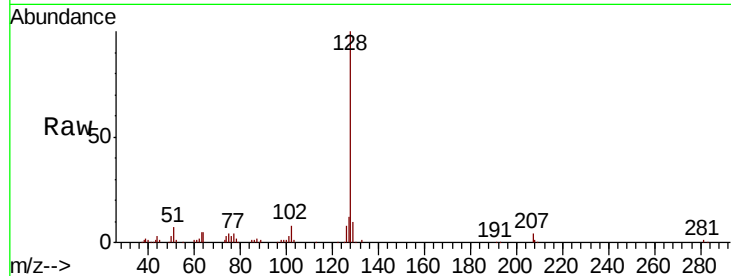




#95
Naphthalene
Concen: 5.155 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Instrument :
MSVOA_N
ClientSampleId :
SS-SOIL

Tot Ion:128 Resp: 125367
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.523 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052992.D
Acq: 19 Dec 2018 5:59

Tgt Ion:180 Resp: 197
Ion Ratio Lower Upper
180 100
182 120.3 47.9 143.7
145 0.0 15.0 45.0#

