

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055559.D
 Acq On : 10 May 2019 18:14
 Operator : JC/SP
 Sample : K2770-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 11 00:59:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	839615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1409424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1201852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	364598	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	585032	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
35) Dibromofluoromethane	7.59	113	451914	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	10.09	98	1757568	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	508999	42.61	ug/l	0.00
Spiked Amount			Recovery	=	85.22%	

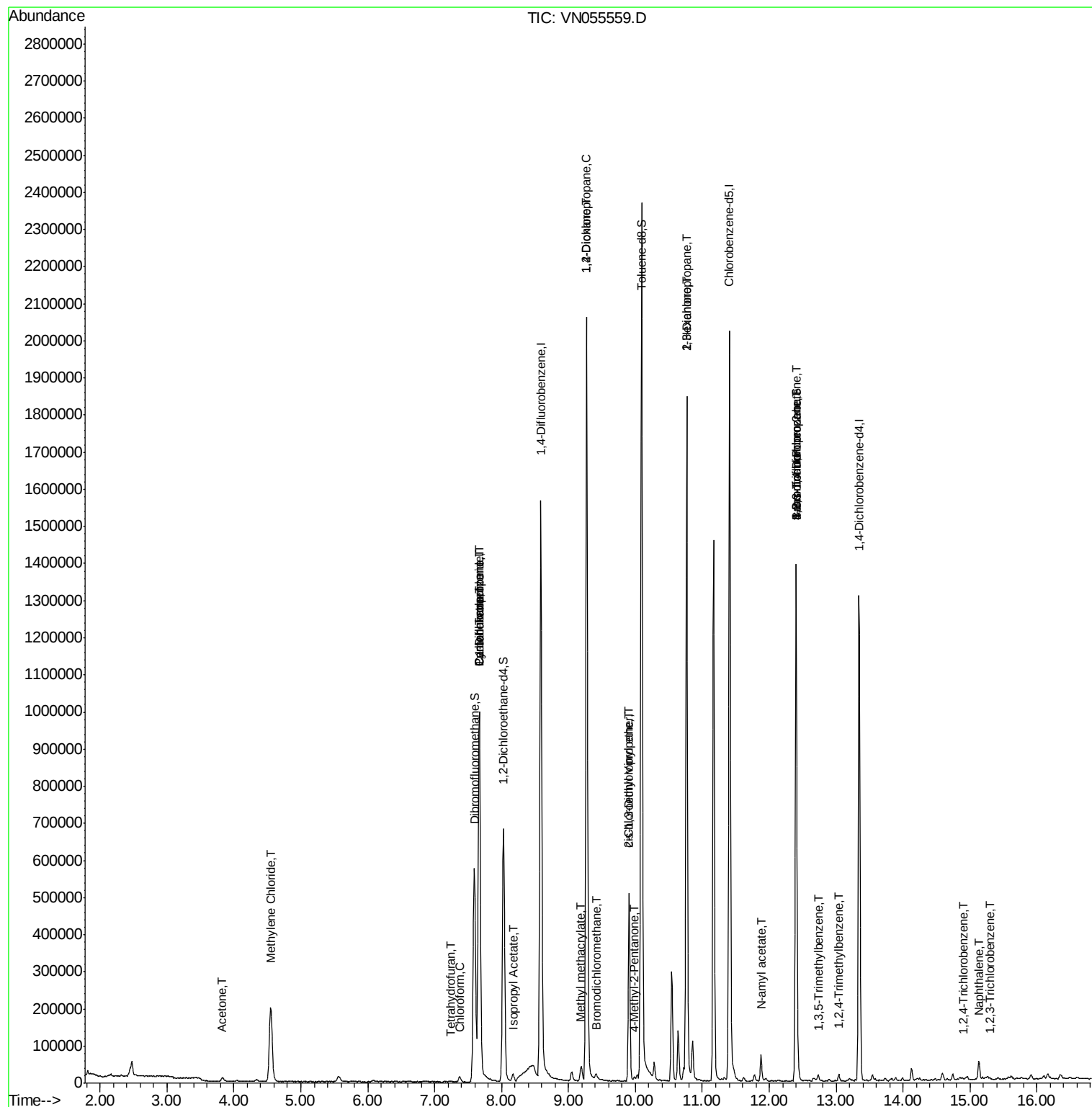
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16089	2.749	ug/l	95
18) Methyl Acetate	4.34	43	11241	Below Cal	#	80
20) Methylene Chloride	4.55	84	148714	12.424	ug/l	99
29) Tetrahydrofuran	7.23	42	2796	0.523	ug/l #	47
30) Chloroform	7.37	83	14142	0.742	ug/l	99
31) Cyclohexane	7.66	56	18574	0.910	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	67216	4.841	ug/l #	49
38) Carbon Tetrachloride	7.67	117	80004	6.843	ug/l #	16
43) Isopropyl Acetate	8.17	43	24270	1.055	ug/l	96
45) 1,2-Dichloropropane	9.26	63	2614	0.212	ug/l #	45
47) Bromodichloromethane	9.40	83	3653	0.267	ug/l #	92
48) Methyl methacrylate	9.18	41	15088	1.361	ug/l #	16
49) 1,4-Dioxane	9.27	88	352	1.629	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6710	0.443	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	86251	5.497	ug/l #	65
57) 1,3-Dichloropropane	10.77	76	19326	1.091	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.90	63	269	12.563	ug/l #	52
59) 2-Hexanone	10.76	43	278052	26.198	ug/l #	54
71) Bromoform	12.40	173	3763	0.655	ug/l #	1
73) Isopropylbenzene	12.25	105	557	Below Cal		99
74) N-amyl acetate	11.88	43	23784	1.718	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.42	83	67	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	253707	25.561	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7388	0.253	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	253707	94.316	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.04	105	11961	0.447	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	110	3.224	ug/l #	1
95) Naphthalene	15.13	128	46646	5.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	62	2.433	ug/l #	1

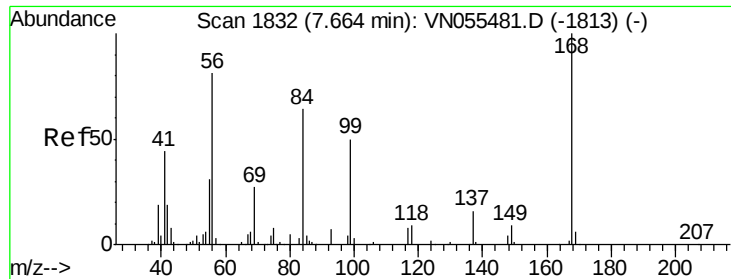
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

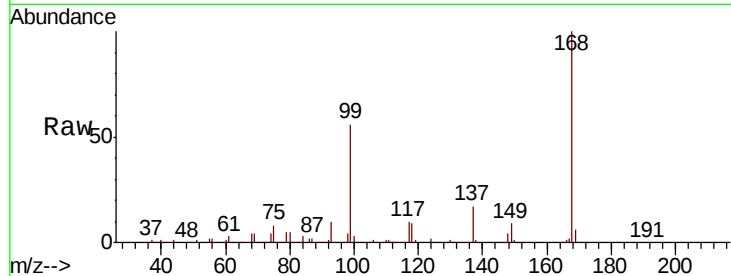
SOIL-DRUM

Tot Ion:168 Resp: 839615

Ion Ratio Lower Upper

168 100

99 56.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

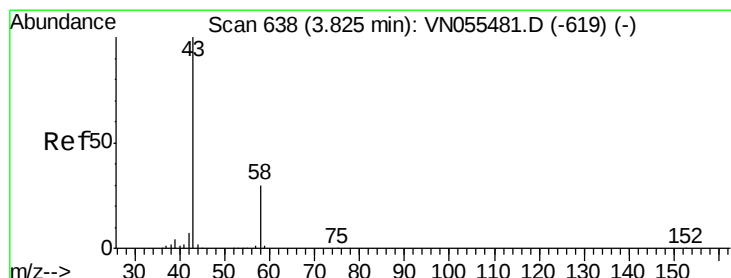
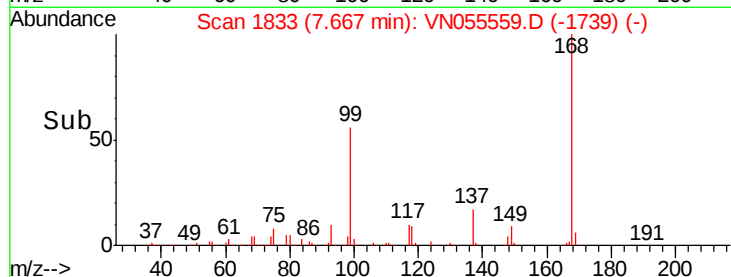
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.749 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN055559.D

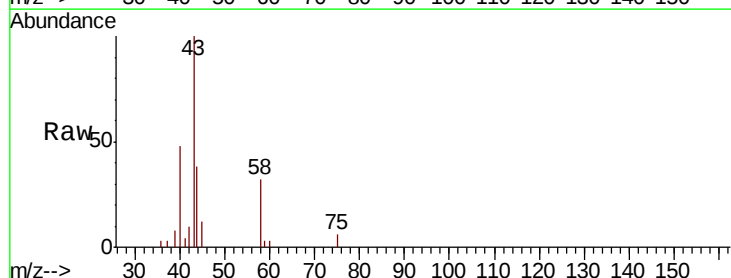
Acq: 10 May 2019 18:14

Tgt Ion: 43 Resp: 16089

Ion Ratio Lower Upper

43 100

58 33.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

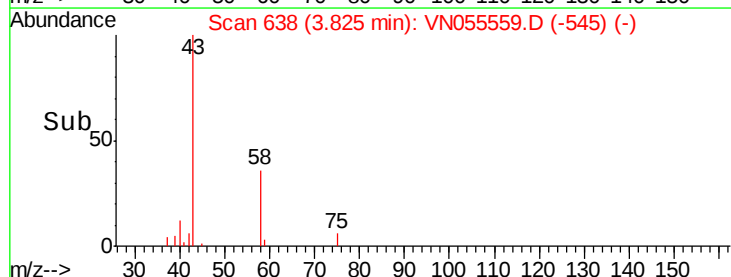
6000

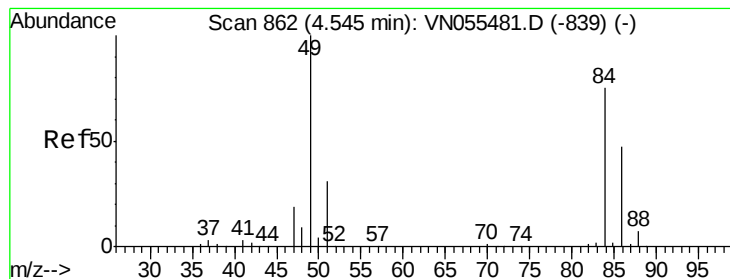
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 12.424 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleID :

SOIL-DRUM

Tot Ion: 84 Resp: 148714

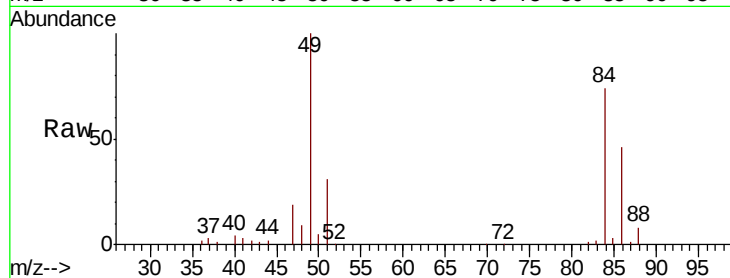
Ion Ratio Lower Upper

84 100

49 134.6 107.0 160.6

51 41.5 33.0 49.4

86 62.4 50.6 76.0

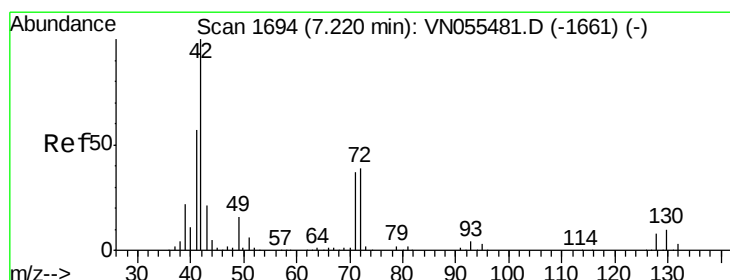
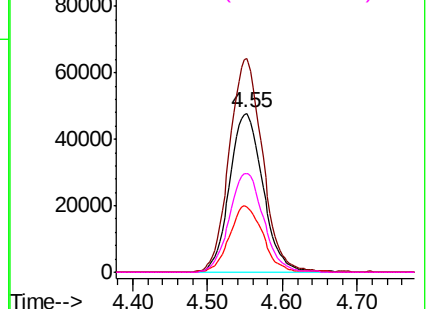
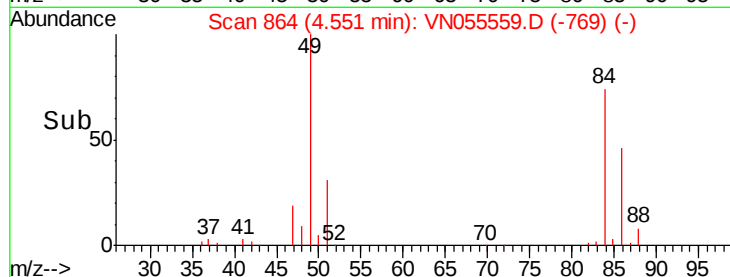


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#29

Tetrahydrofuran

Concen: 0.523 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

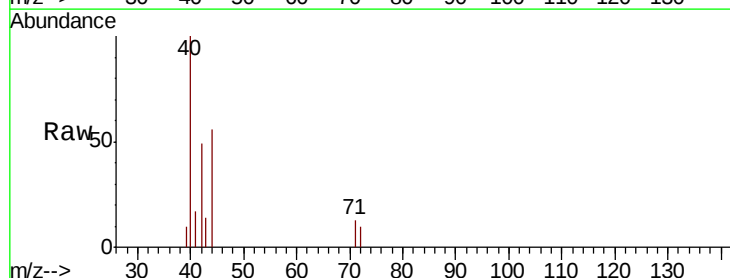
Tgt Ion: 42 Resp: 2796

Ion Ratio Lower Upper

42 100

72 8.3 31.0 46.6#

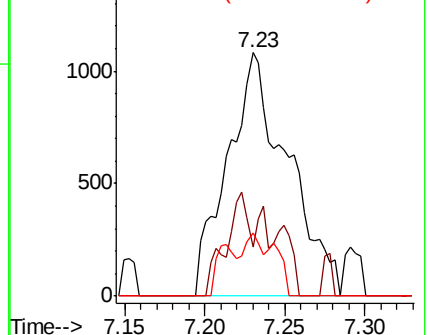
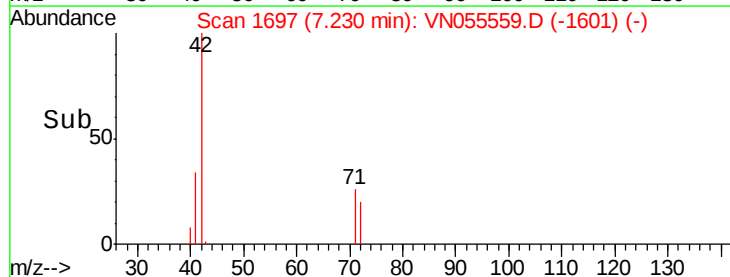
71 3.1 29.4 44.2#

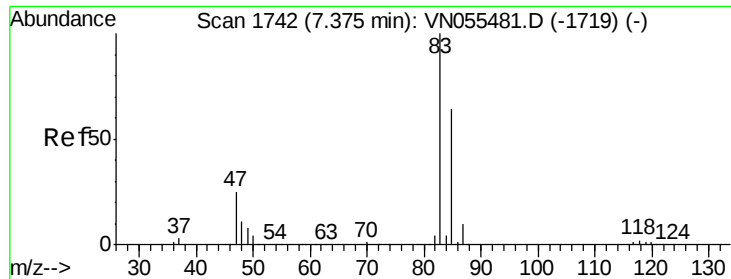


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

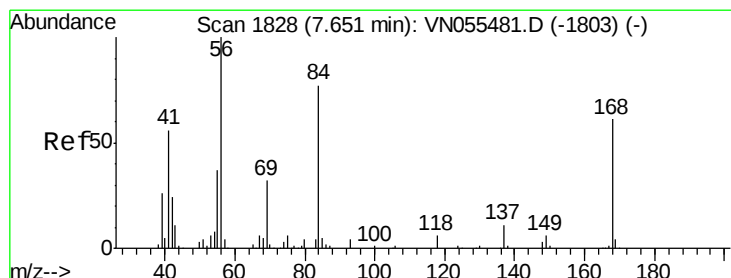
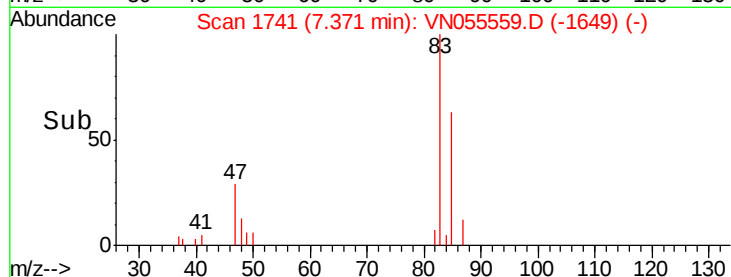
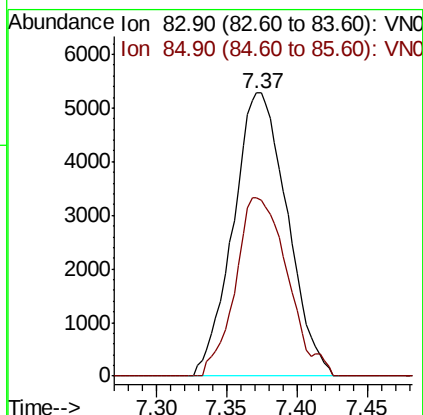
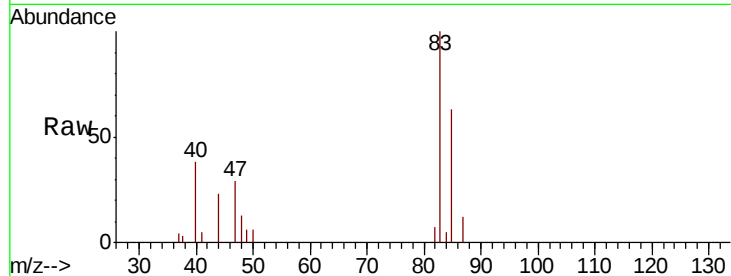




#30
Chloroform
Concen: 0.742 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

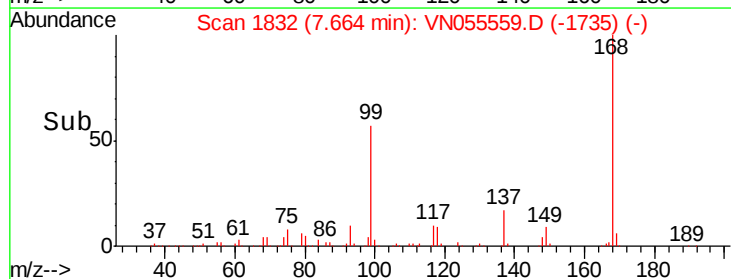
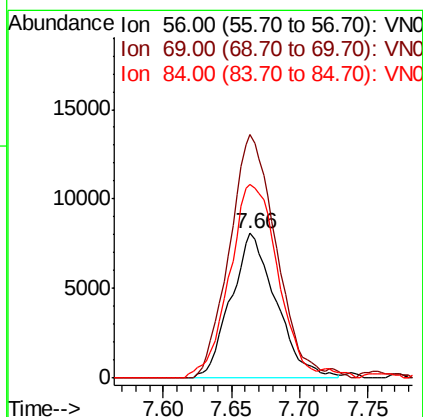
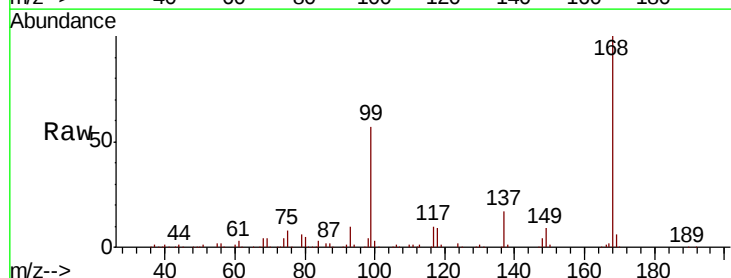
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SOIL-DRUM

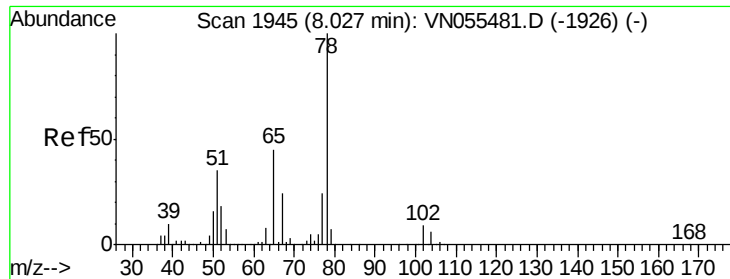
Tot Ion: 83 Resp: 14142
Ion Ratio Lower Upper
83 100
85 63.1 51.3 76.9



#31
Cyclohexane
Concen: 0.910 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

Tgt Ion: 56 Resp: 18574
Ion Ratio Lower Upper
56 100
69 168.1 26.0 39.0#
84 130.7 61.9 92.9#

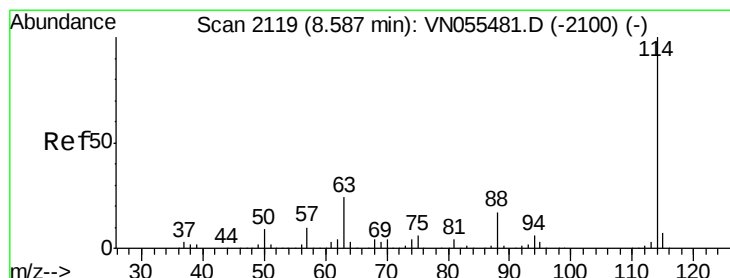
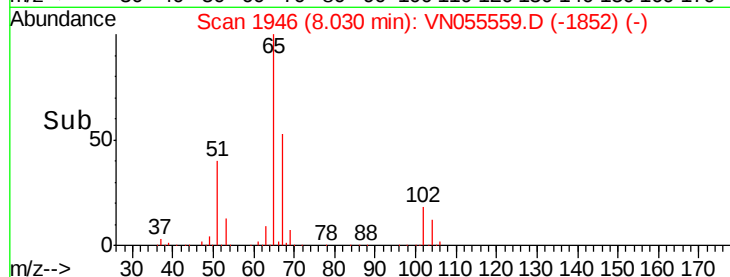
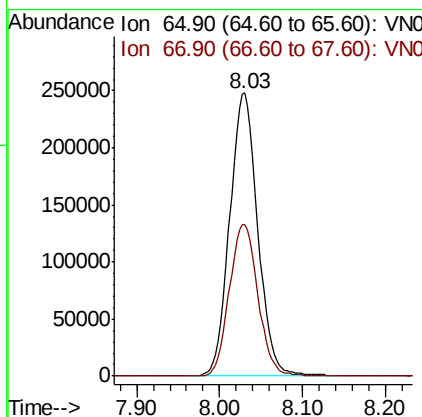
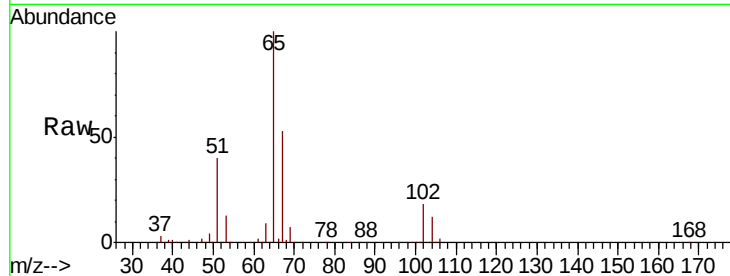




#33
 1,2-Dichloroethane-d4
 Concen: 46.278 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

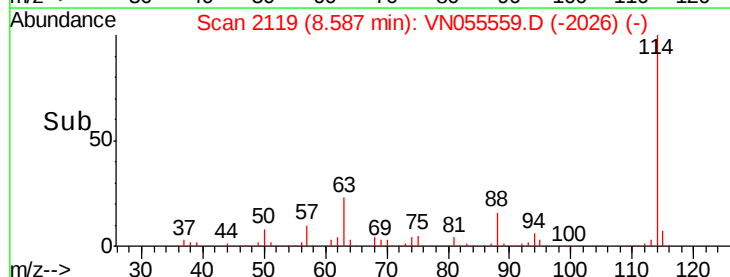
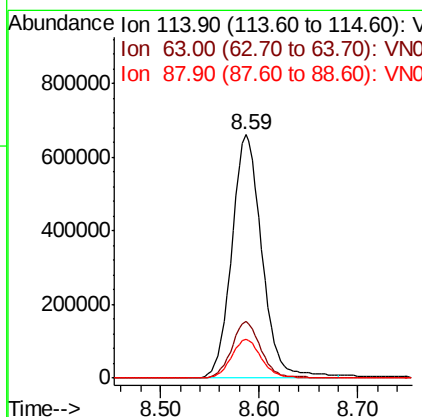
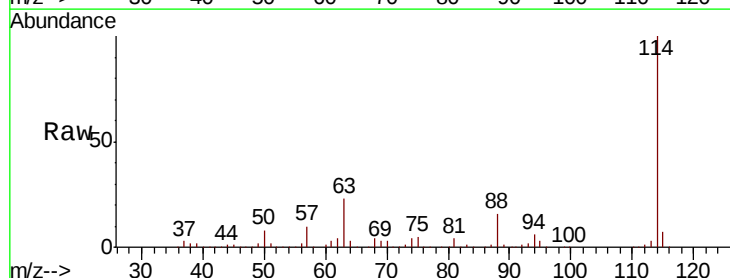
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-DRUM

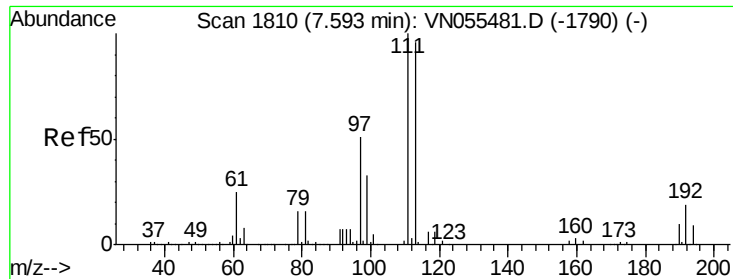
Tot Ion: 65 Resp: 585032
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

Tgt Ion: 114 Resp: 1409424
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.4
 88 16.1 0.0 34.0

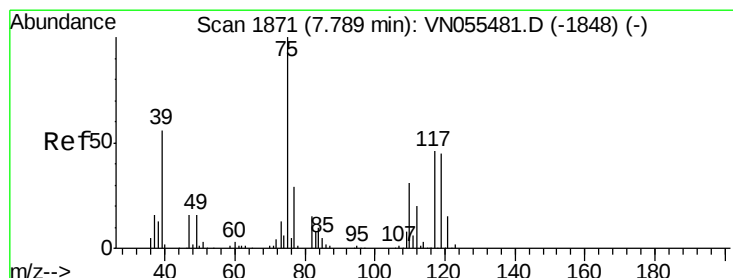
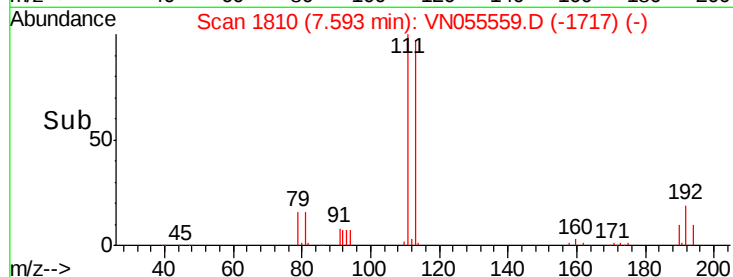
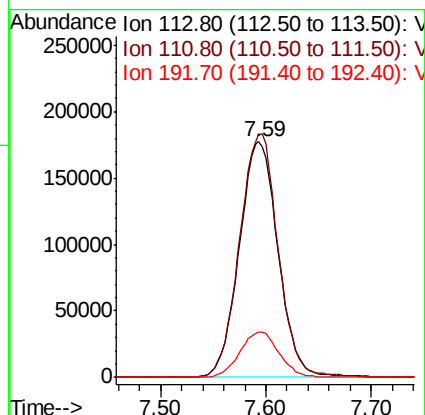
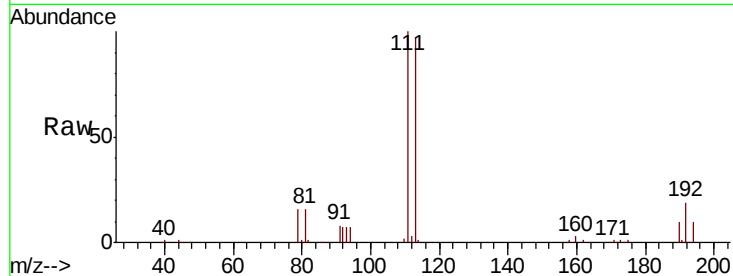




#35
 Dibromofluoromethane
 Concen: 49.705 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

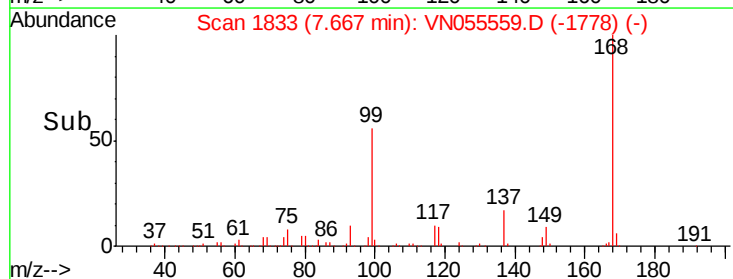
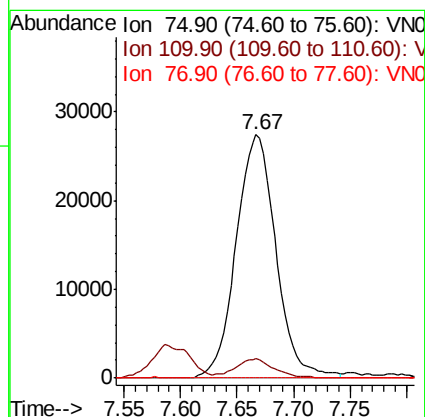
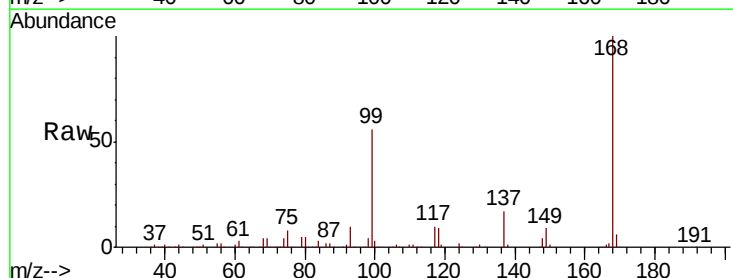
Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-DRUM

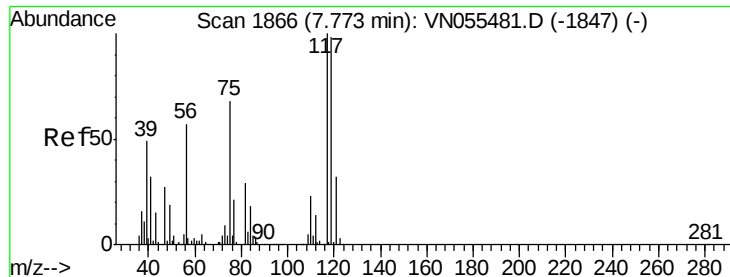
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.4	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 4.841 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.4	16.1	48.3#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 6.843 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

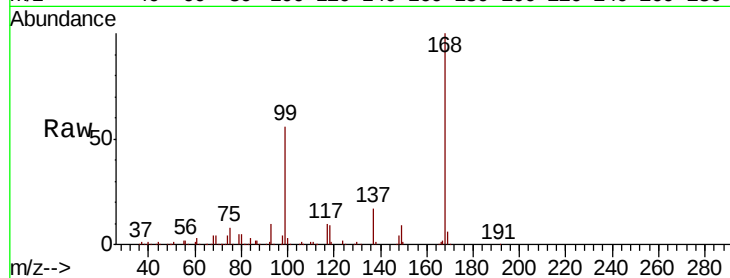
Tot Ion:117 Resp: 80004

Ion Ratio Lower Upper

117 100

119 6.3 77.8 116.6#

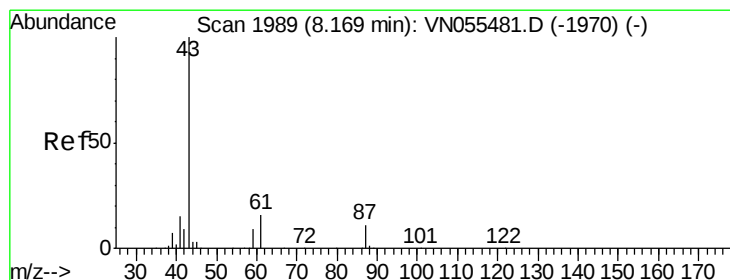
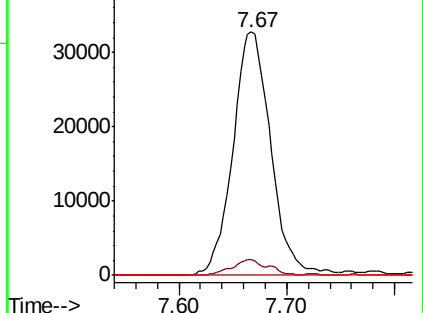
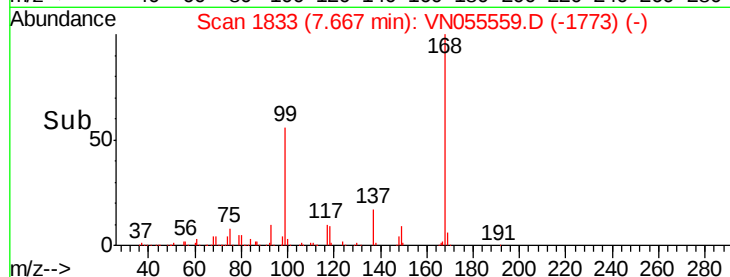
121 0.0 25.2 37.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.055 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

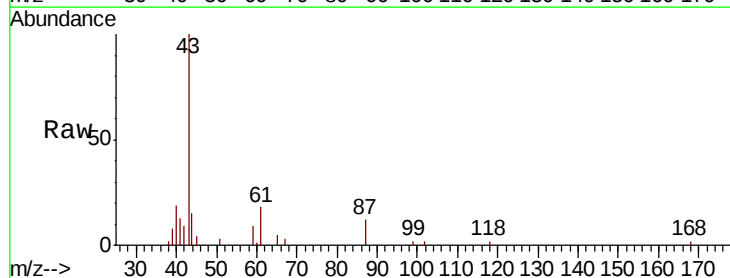
Tgt Ion: 43 Resp: 24270

Ion Ratio Lower Upper

43 100

61 21.0 15.1 22.7

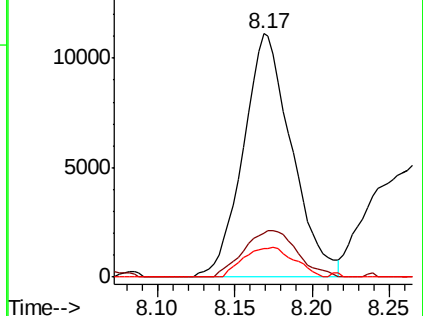
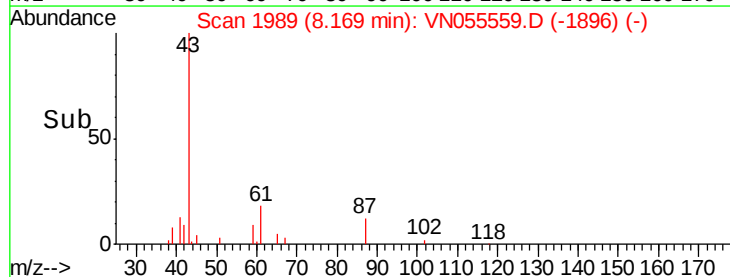
87 12.7 9.0 13.6

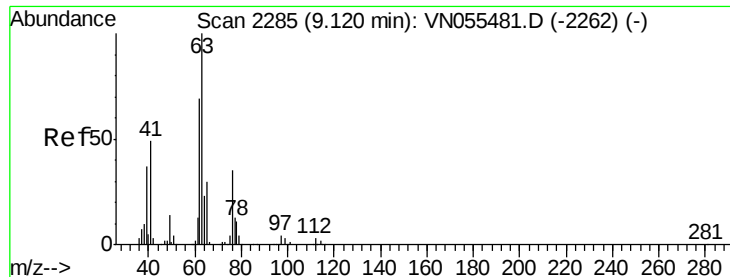


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.212 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

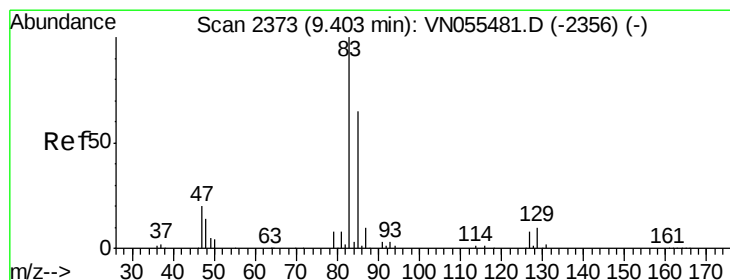
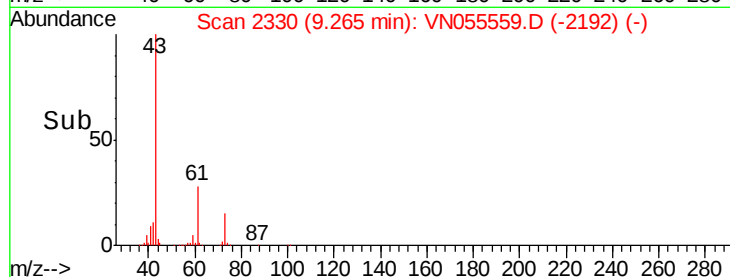
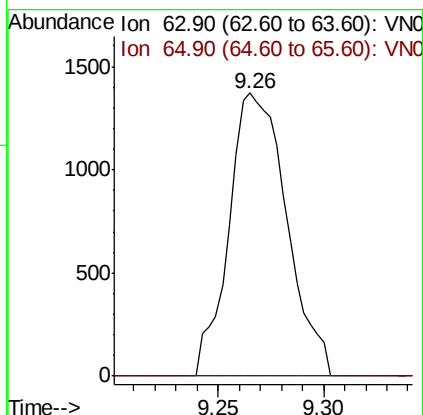
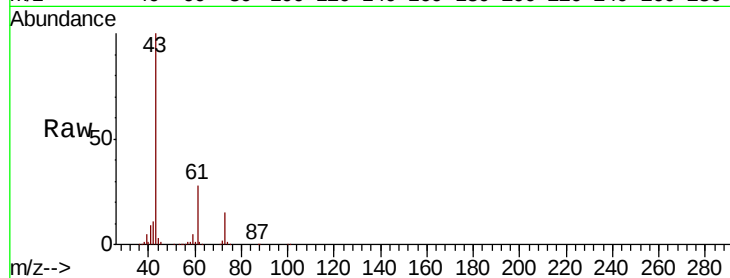
SOIL-DRUM

Tot Ion: 63 Resp: 2614

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#



#47

Bromodichloromethane

Concen: 0.267 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

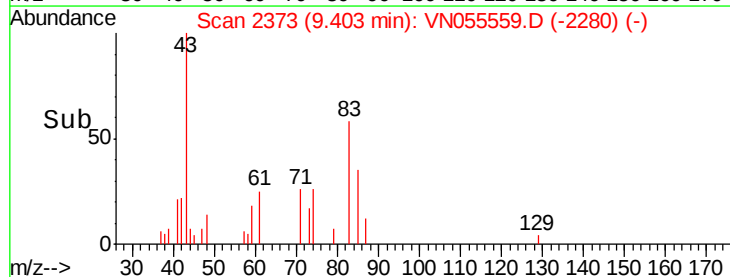
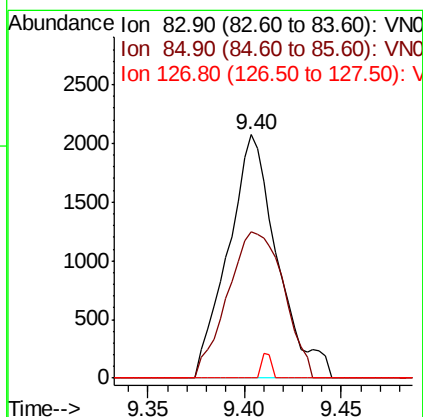
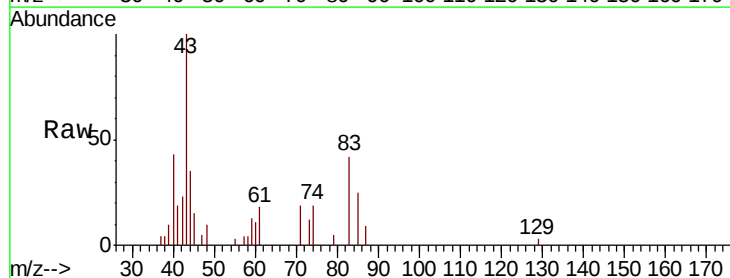
Tgt Ion: 83 Resp: 3653

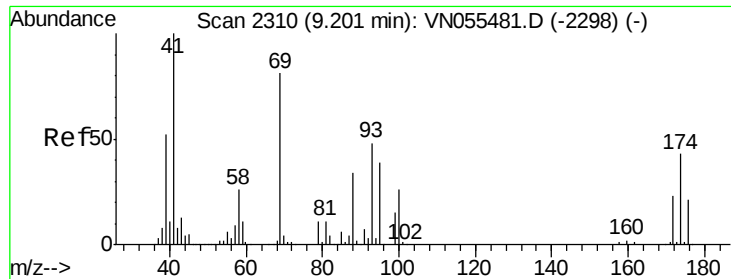
Ion Ratio Lower Upper

83 100

85 60.0 52.2 78.2

127 0.0 6.5 9.7#

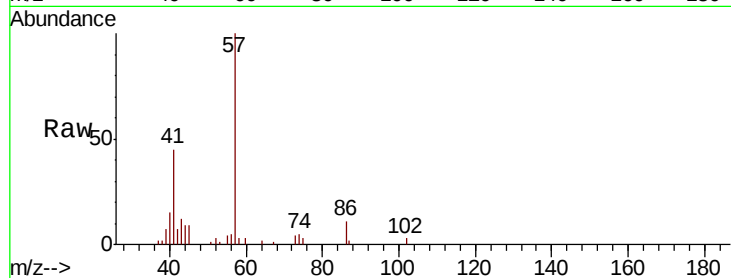




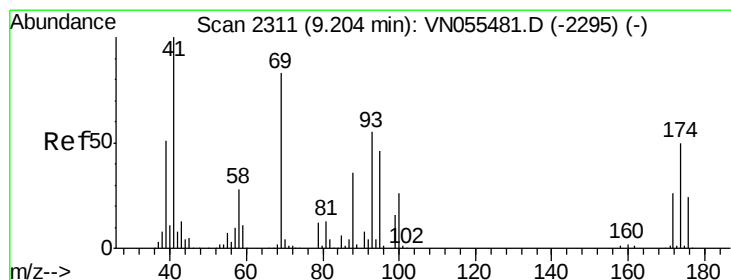
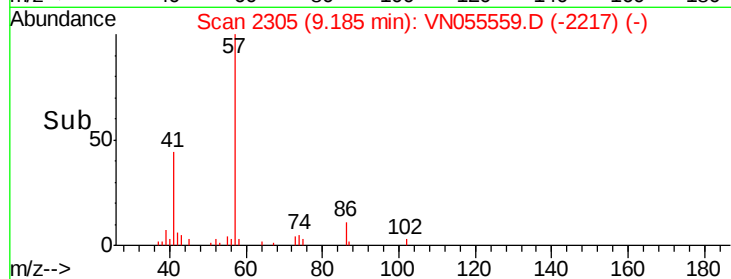
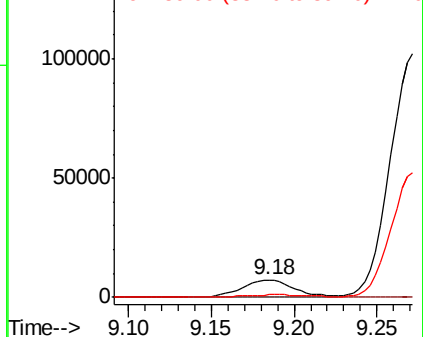
#48
Methyl methacrylate
Concen: 1.361 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

Tot Ion: 41 Resp: 15088
Ion Ratio Lower Upper
41 100
69 0.0 64.2 96.2#
39 0.0 41.6 62.4#

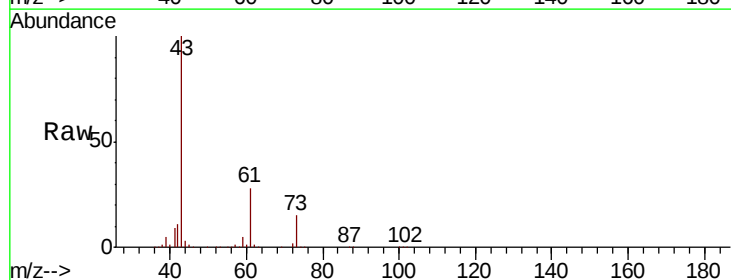


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

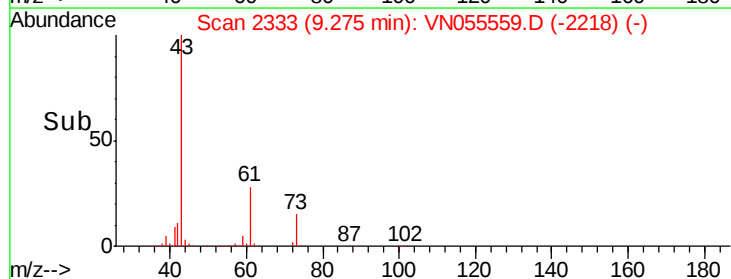
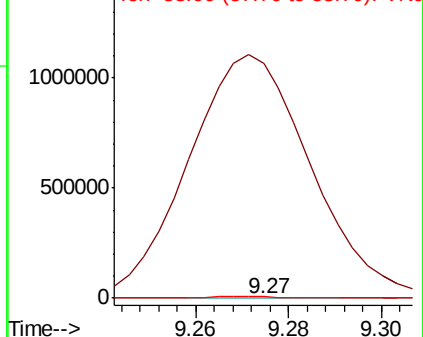


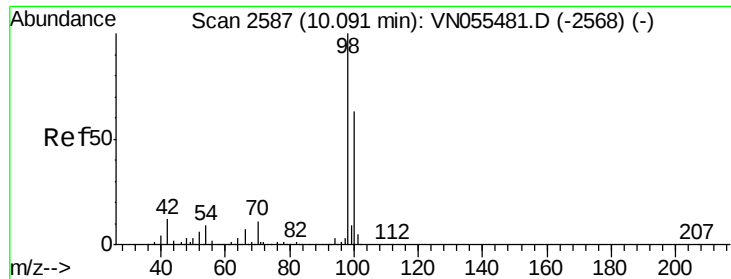
#49
1,4-Dioxane
Concen: 1.629 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

Tgt Ion: 88 Resp: 352
Ion Ratio Lower Upper
88 100
43 589811.6 27.8 41.8#
58 3187.2 61.8 92.6#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#50

Toluene-d8

Concen: 49.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

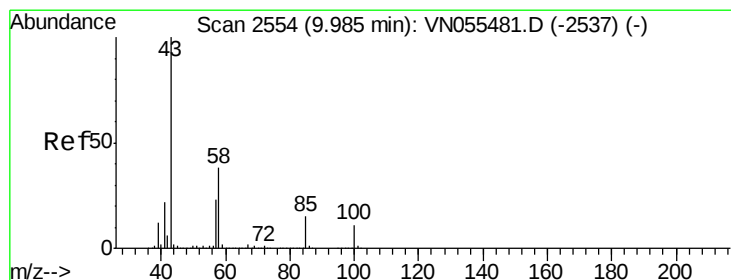
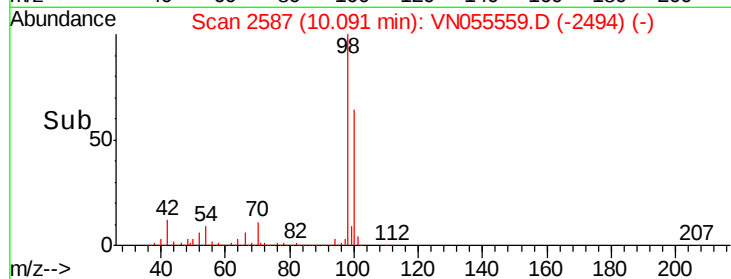
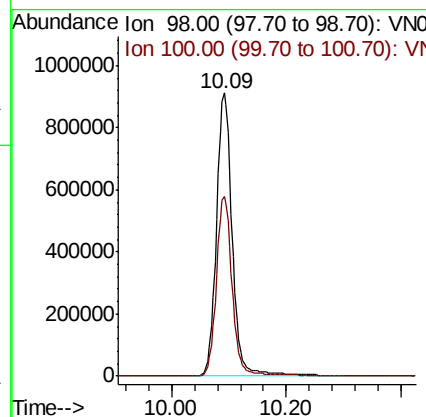
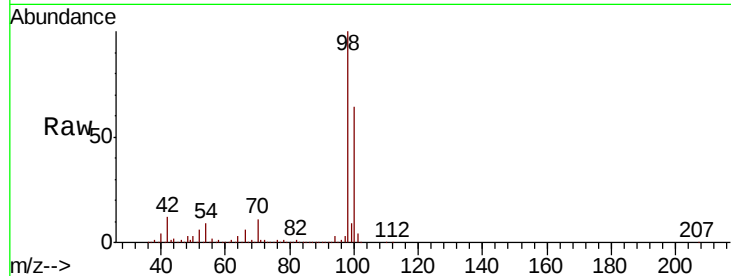
SOIL-DRUM

Tot Ion: 98 Resp: 1757568

Ion Ratio Lower Upper

98 100

100 62.4 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.443 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055559.D

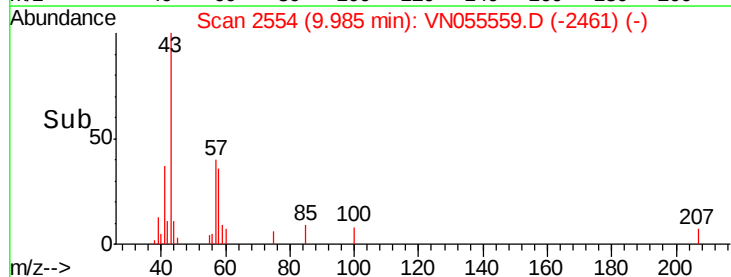
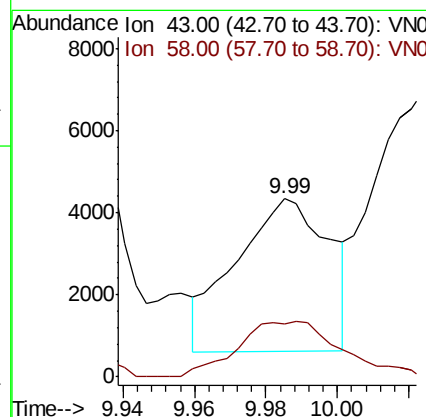
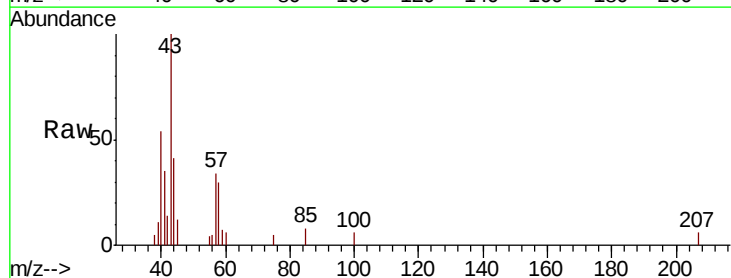
Acq: 10 May 2019 18:14

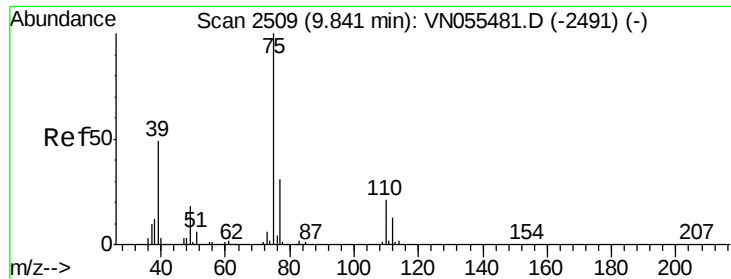
Tgt Ion: 43 Resp: 6710

Ion Ratio Lower Upper

43 100

58 40.2 29.9 44.9





#54

cis-1,3-Dichloropropene

Concen: 5.497 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

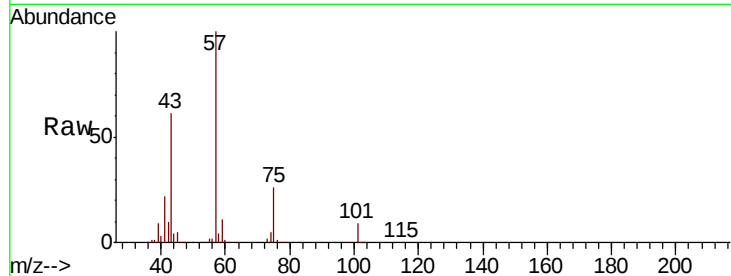
Tot Ion: 75 Resp: 86251

Ion Ratio Lower Upper

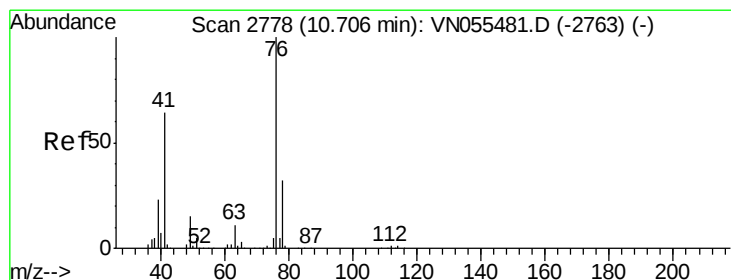
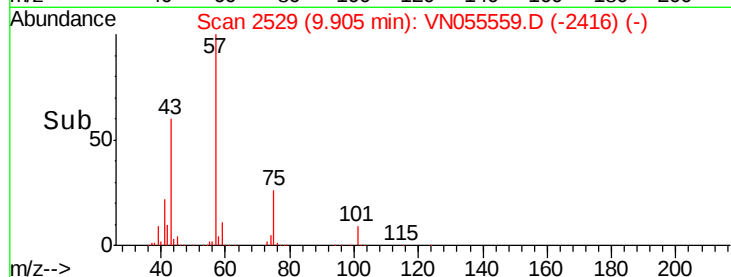
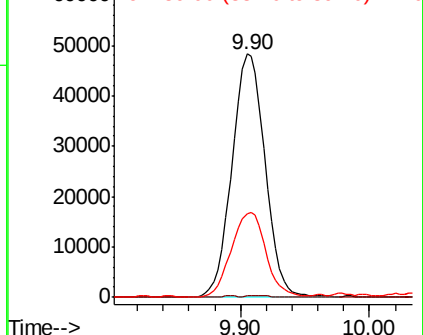
75 100

77 0.6 24.4 36.6#

39 34.3 39.5 59.3#



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: 1.091 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055559.D

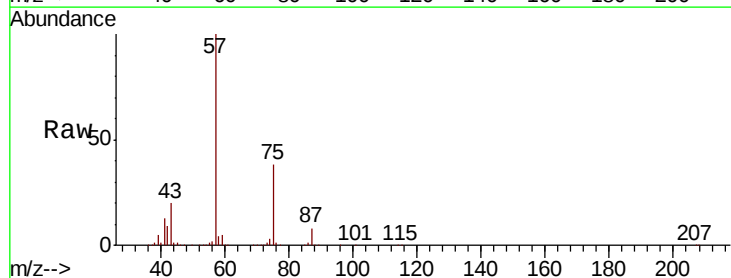
Acq: 10 May 2019 18:14

Tgt Ion: 76 Resp: 19326

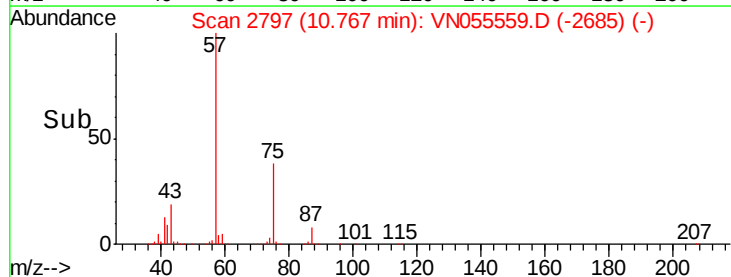
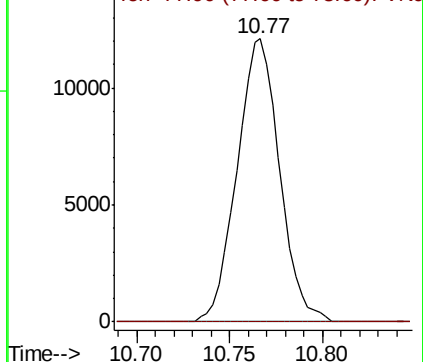
Ion Ratio Lower Upper

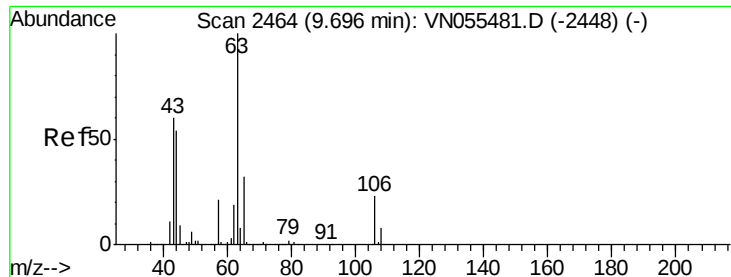
76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

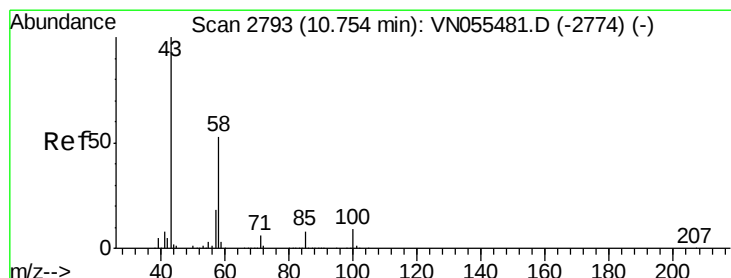
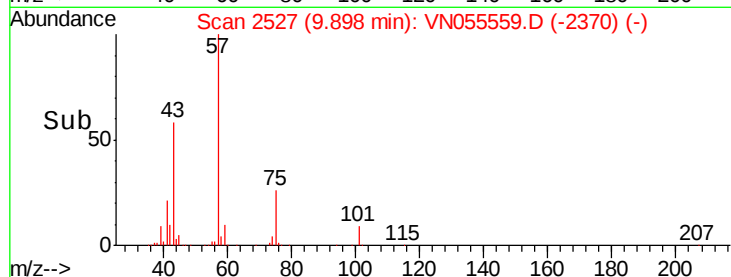
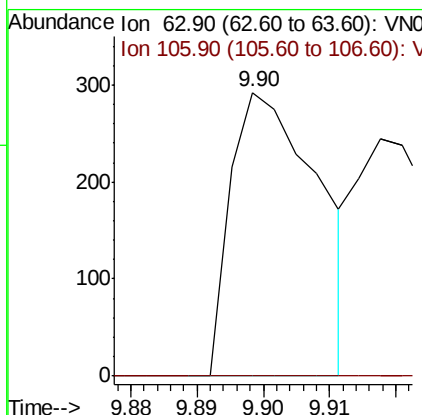
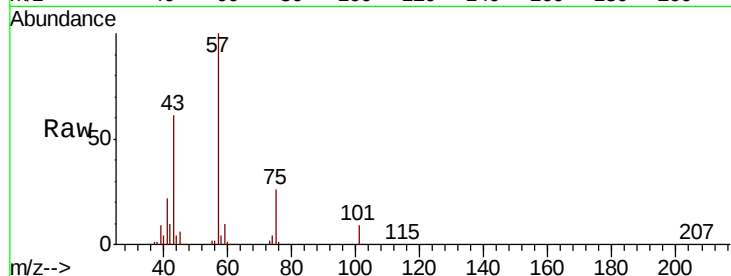




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.563 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.20 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

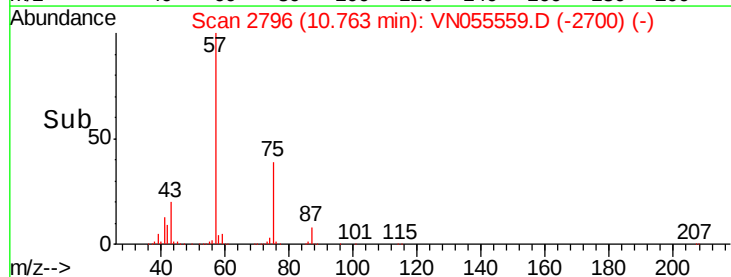
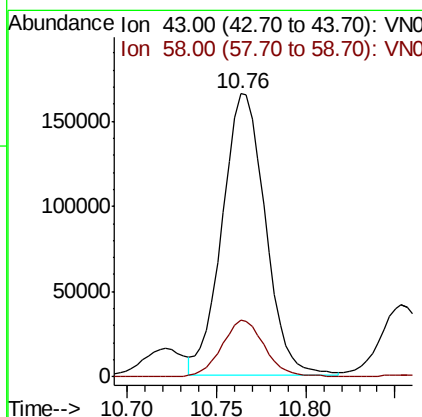
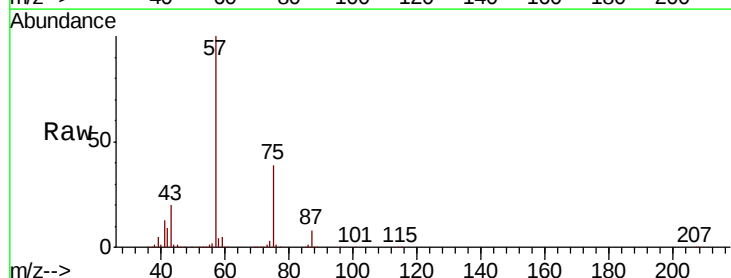
Instrument :
 MSVOA_N
 ClientSampled :
 SOIL-DRUM

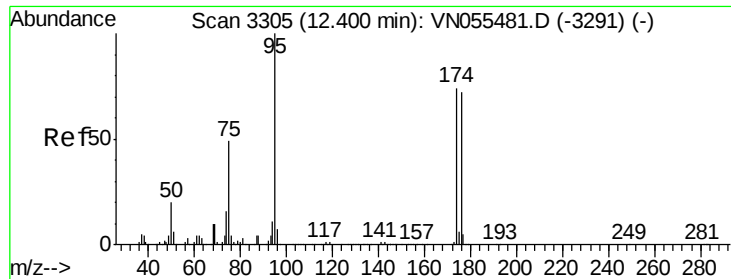
Tot Ion: 63 Resp: 269
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 26.198 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055559.D
 Acq: 10 May 2019 18:14

Tgt Ion: 43 Resp: 278052
 Ion Ratio Lower Upper
 43 100
 58 20.2 26.4 79.0#

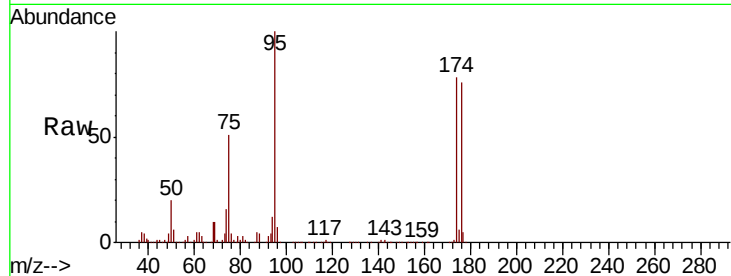




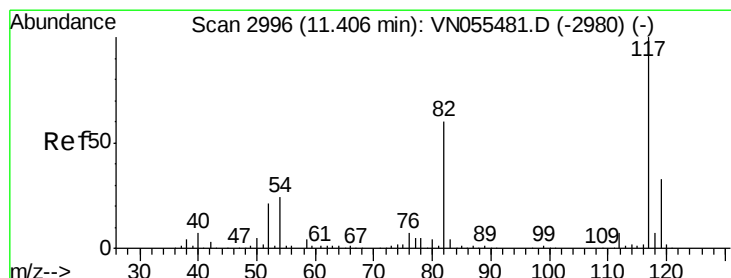
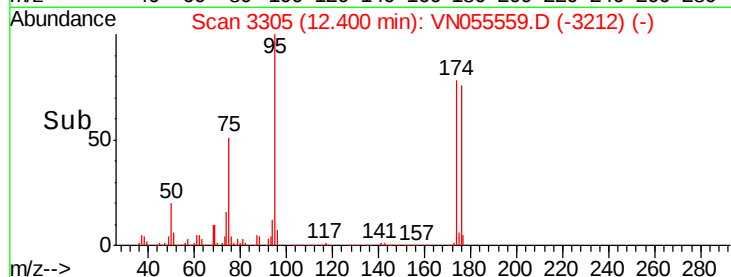
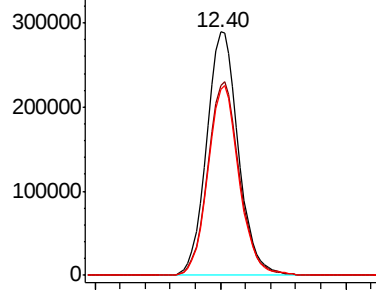
#62
4-Bromofluorobenzene
Concen: 42.606 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	152.2
176	76.5	0.0	147.8

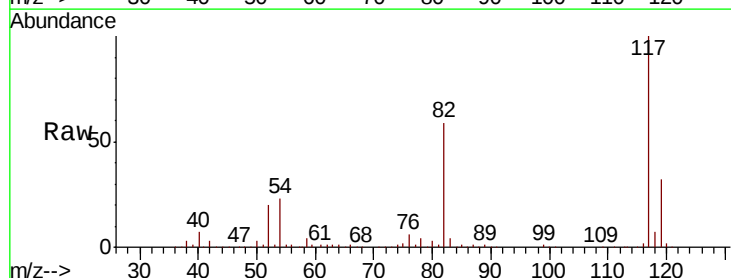


Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)

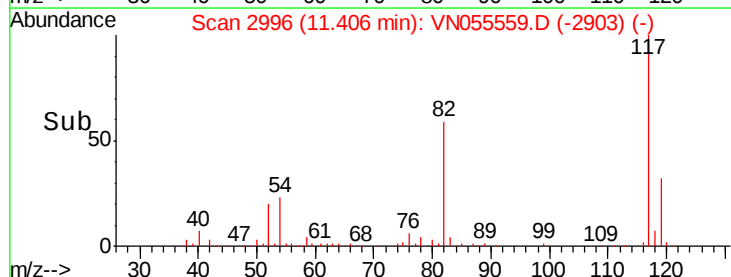
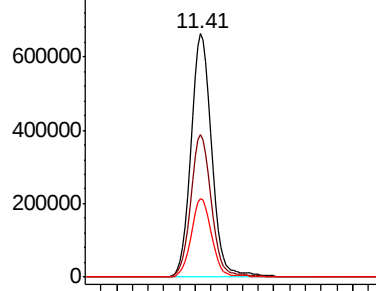


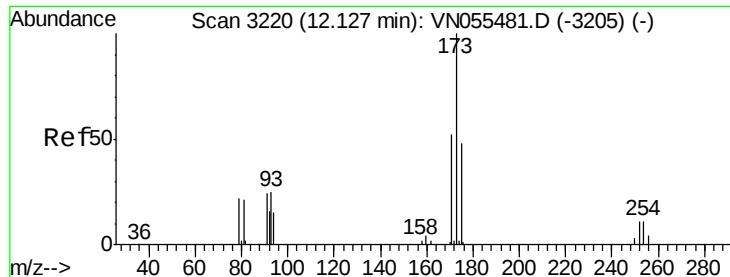
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055559.D
Acq: 10 May 2019 18:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.7	48.0	72.0
119	32.5	26.0	39.0



Abundance Ion 116.90 (116.60 to 117.60): VN055481.D (-2980) (-)
Ion 82.00 (81.70 to 82.70): VN055481.D (-2980) (-)
Ion 118.90 (118.60 to 119.60): VN055481.D (-2980) (-)





#71

Bromoform

Concen: 0.655 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

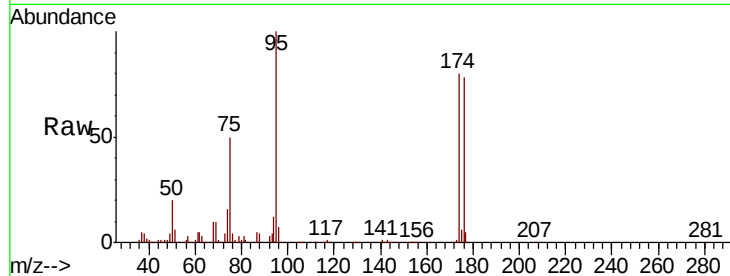
Tot Ion:173 Resp: 3763

Ion Ratio Lower Upper

173 100

175 688.3 24.1 72.4#

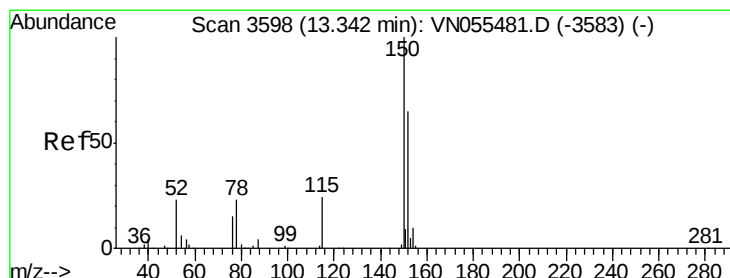
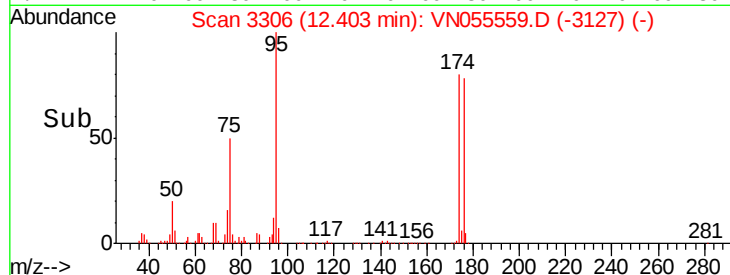
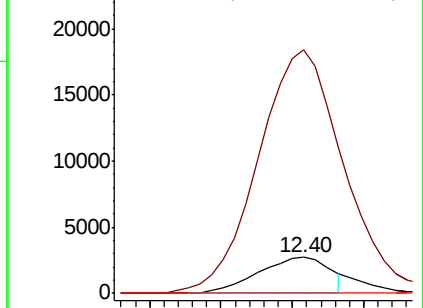
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

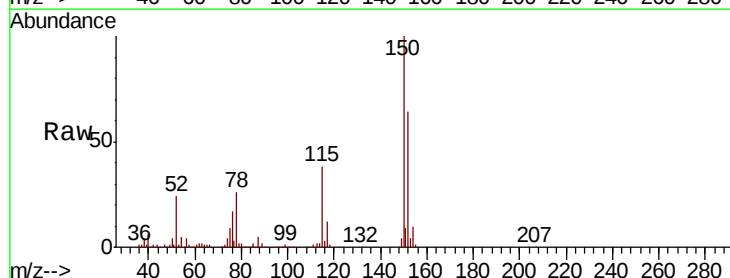
Tgt Ion:152 Resp: 364598

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.5

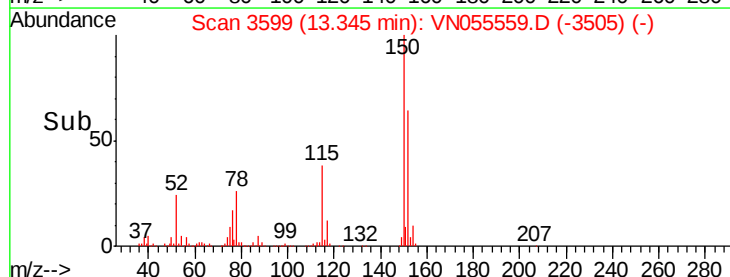
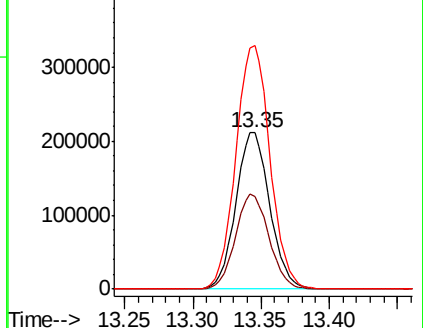
150 157.2 0.0 355.0

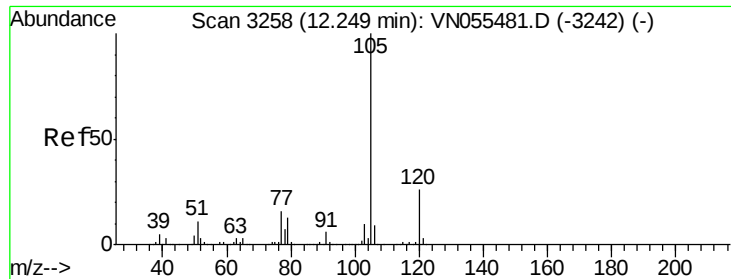


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

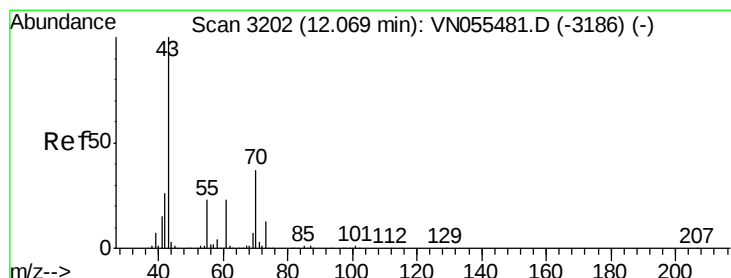
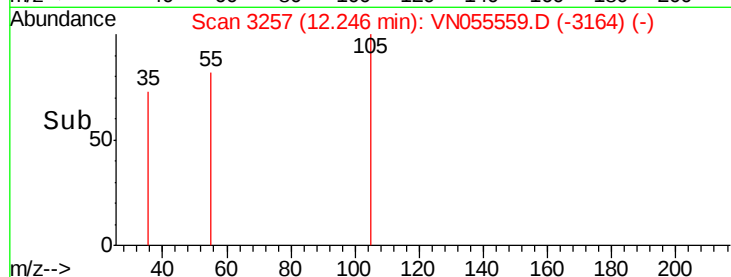
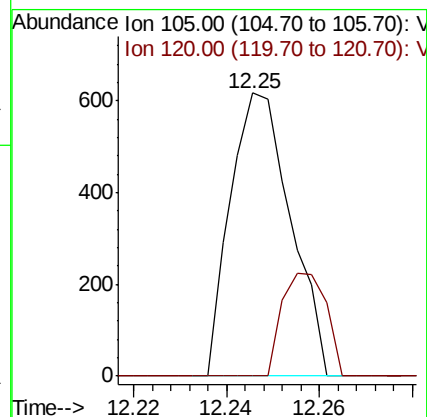
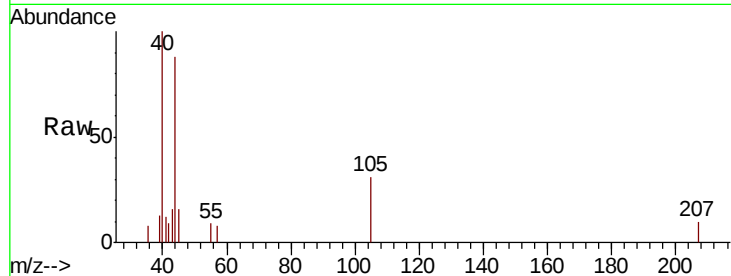
SOIL-DRUM

Tot Ion:105 Resp: 557

Ion Ratio Lower Upper

105 100

120 26.8 13.0 39.0



#74

N-ethyl acetate

Concen: 1.718 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Tgt Ion: 43 Resp: 23784

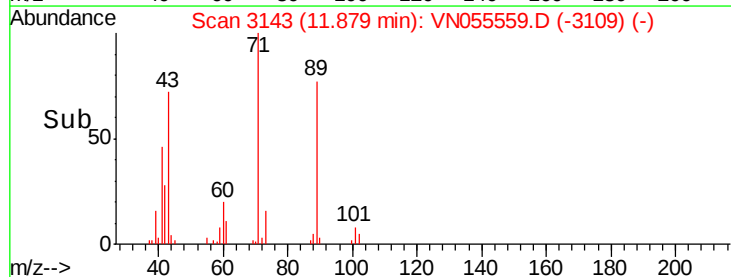
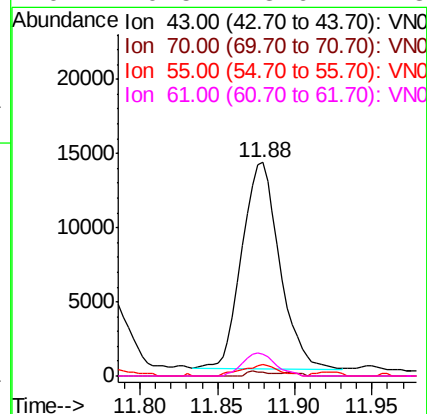
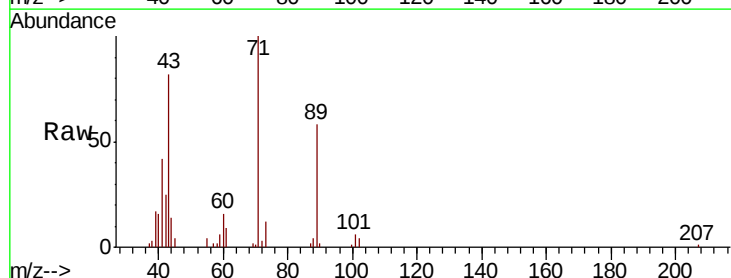
Ion Ratio Lower Upper

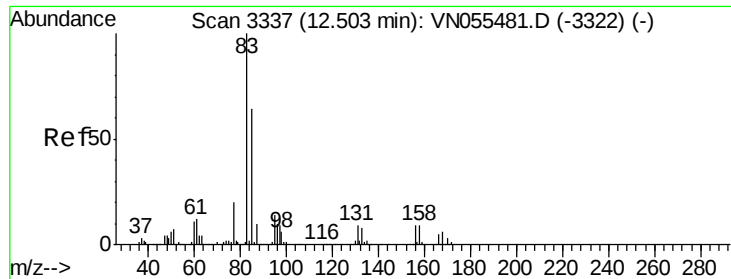
43 100

70 1.5 30.7 46.1#

55 5.3 19.3 28.9#

61 9.5 18.6 27.8#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.42 min Scan# 3312

Delta R.T. -0.08 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

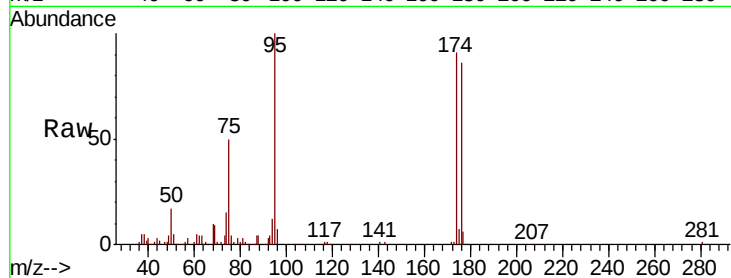
Tot Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO

300

200

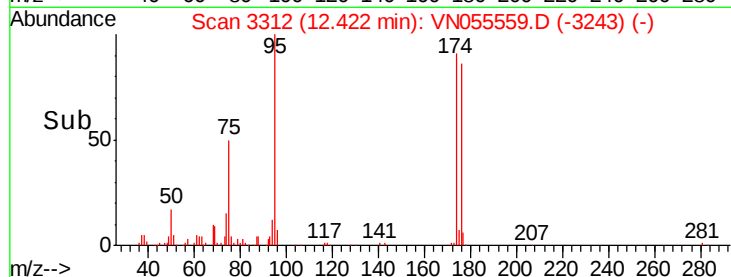
100

0

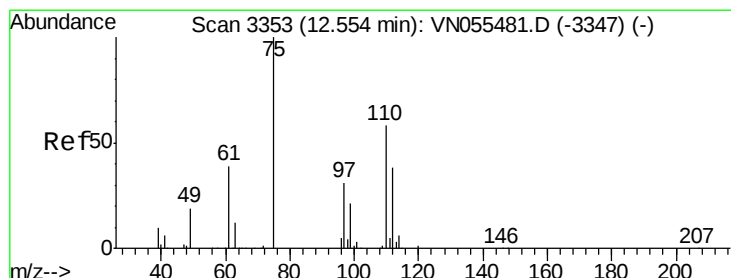
12.41

12.42

12.43



Time-->



#76

1,2,3-Trichloropropane

Concen: 25.561 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055559.D

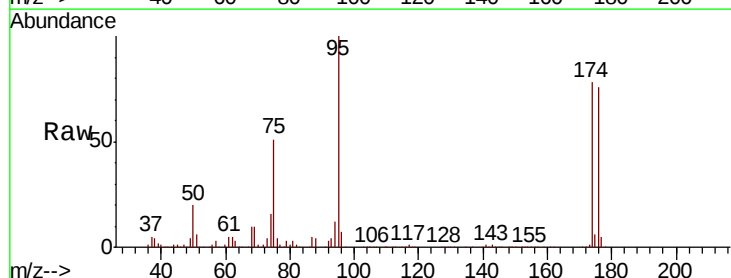
Acq: 10 May 2019 18:14

Tgt Ion: 75 Resp: 253707

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

150000

100000

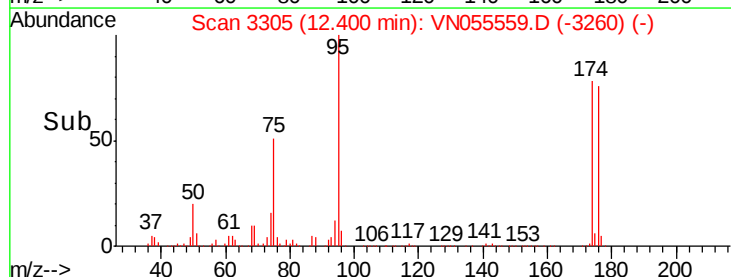
50000

0

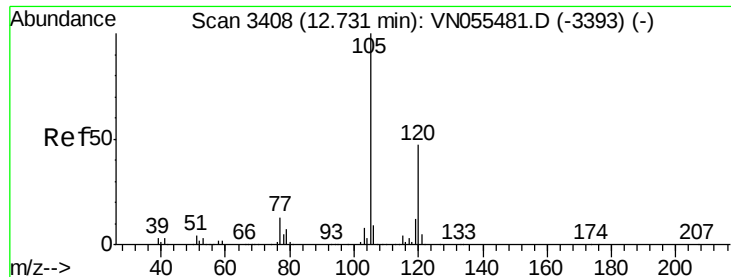
12.30

12.40

12.50



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.253 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampled :

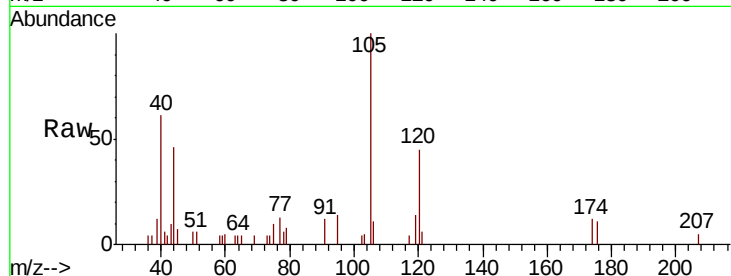
SOIL-DRUM

Tot Ion:105 Resp: 7388

Ion Ratio Lower Upper

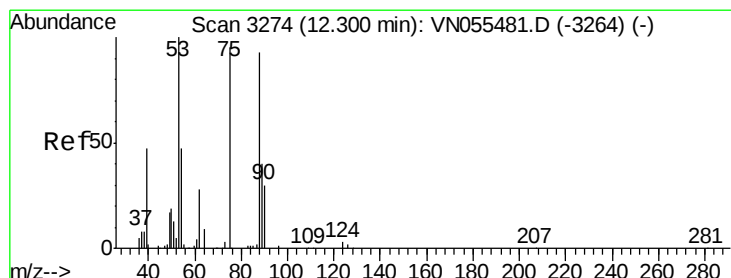
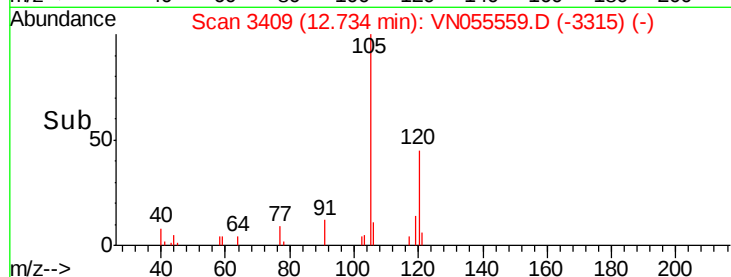
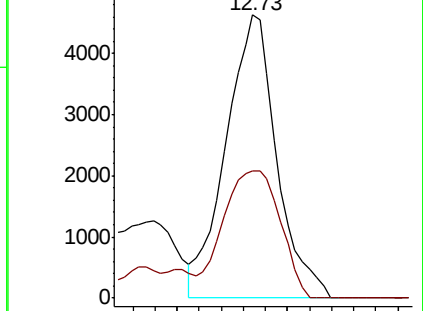
105 100

120 50.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 94.316 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

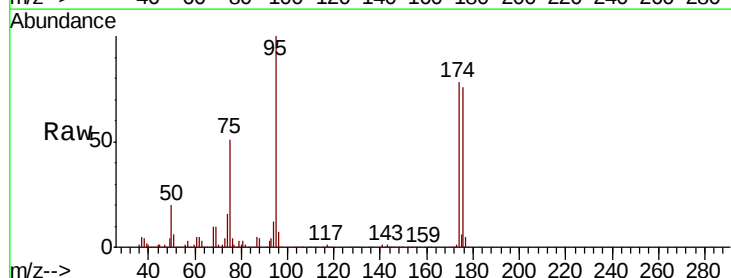
Tgt Ion: 75 Resp: 253707

Ion Ratio Lower Upper

75 100

53 0.1 86.5 129.7#

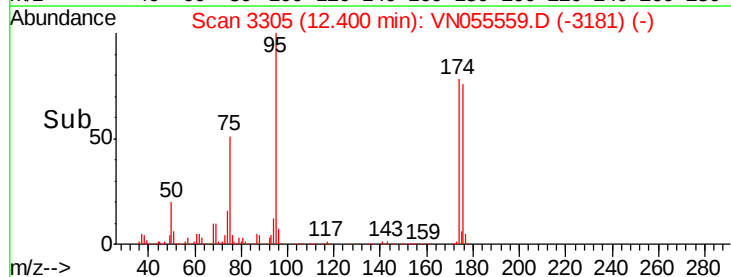
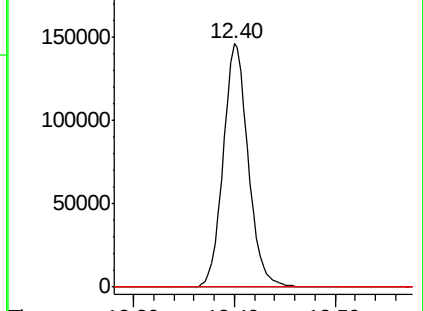
89 0.0 35.7 53.5#

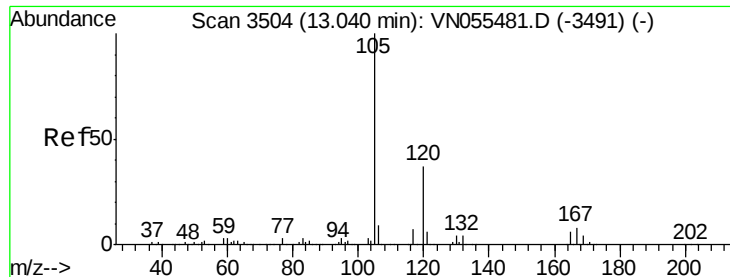


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.447 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampled :

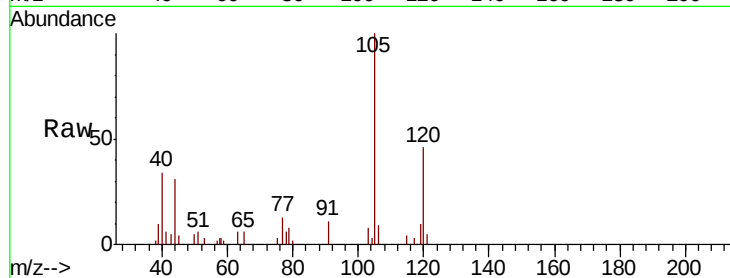
SOIL-DRUM

Tot Ion:105 Resp: 11961

Ion Ratio Lower Upper

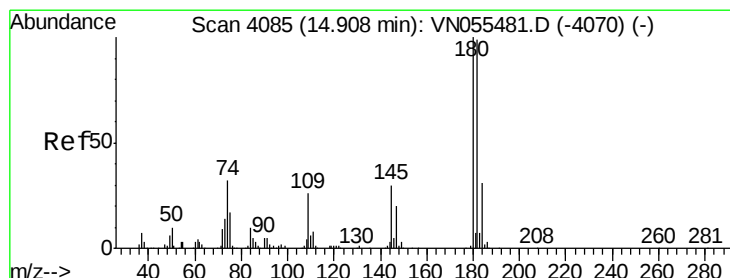
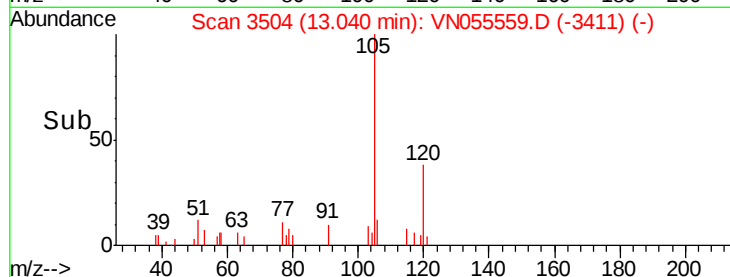
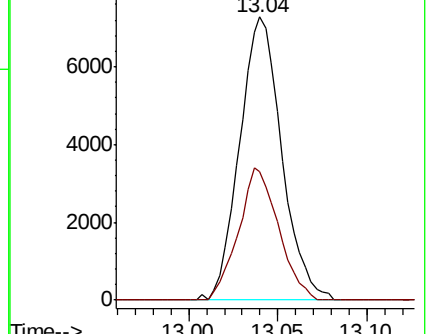
105 100

120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.224 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

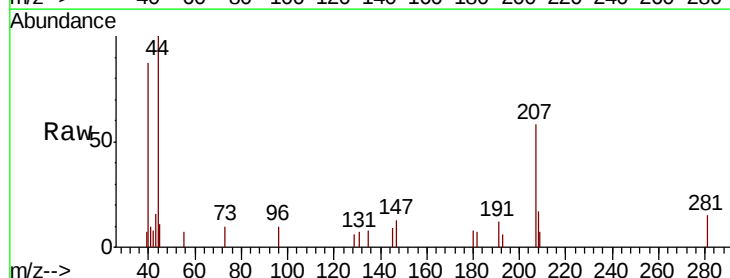
Tgt Ion:180 Resp: 110

Ion Ratio Lower Upper

180 100

182 93.6 48.7 146.1

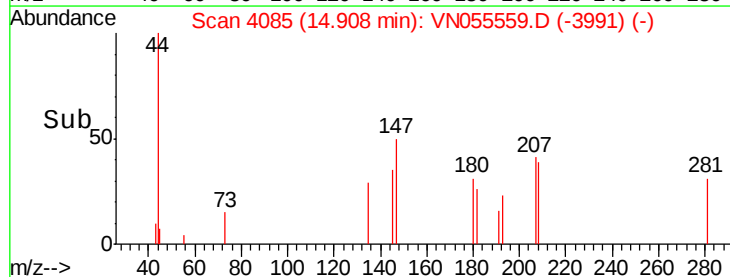
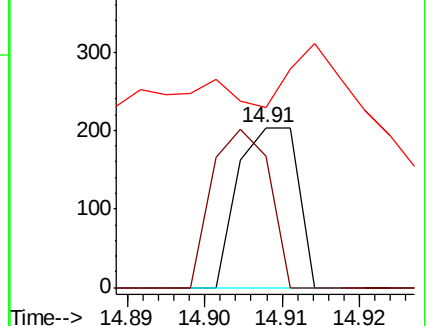
145 440.0 15.3 45.9#

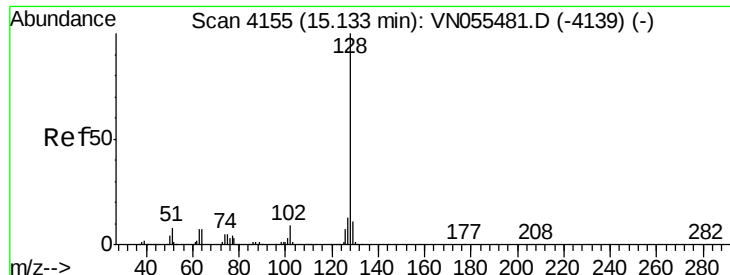


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 5.825 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

SOIL-DRUM

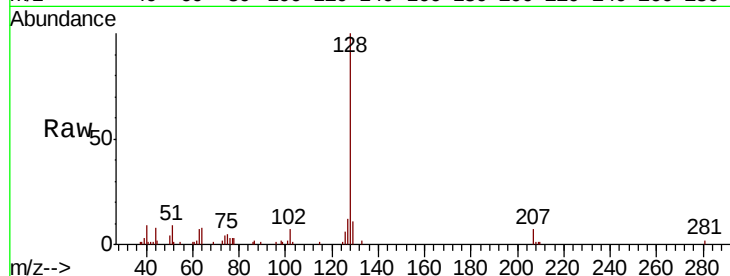
Tot Ion:128 Resp: 46646

Ion Ratio Lower Upper

128 100

127 11.7 10.0 15.0

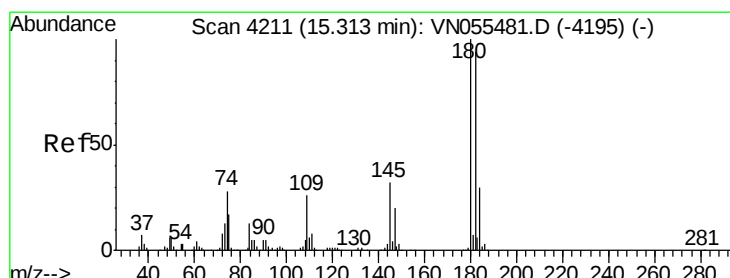
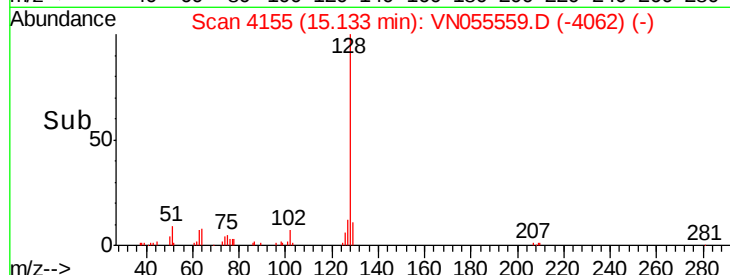
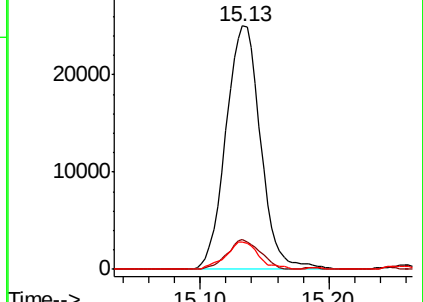
129 10.7 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 2.433 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN055559.D

Acq: 10 May 2019 18:14

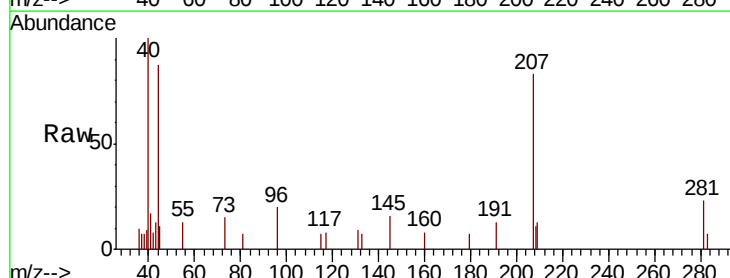
Tgt Ion:180 Resp: 62

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.3#

145 872.6 15.8 47.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

