

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051598.D
 Acq On : 27 Sep 2018 21:46
 Operator : MD\SY
 Sample : J5074-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CA-SOIL-2

Quant Time: Sep 28 01:54:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	631285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1044326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338796	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	461798	58.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.80%	
35) Dibromofluoromethane	7.59	113	408434	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.09	98	1462461	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.40	95	406012	39.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.82%	

Target Compounds

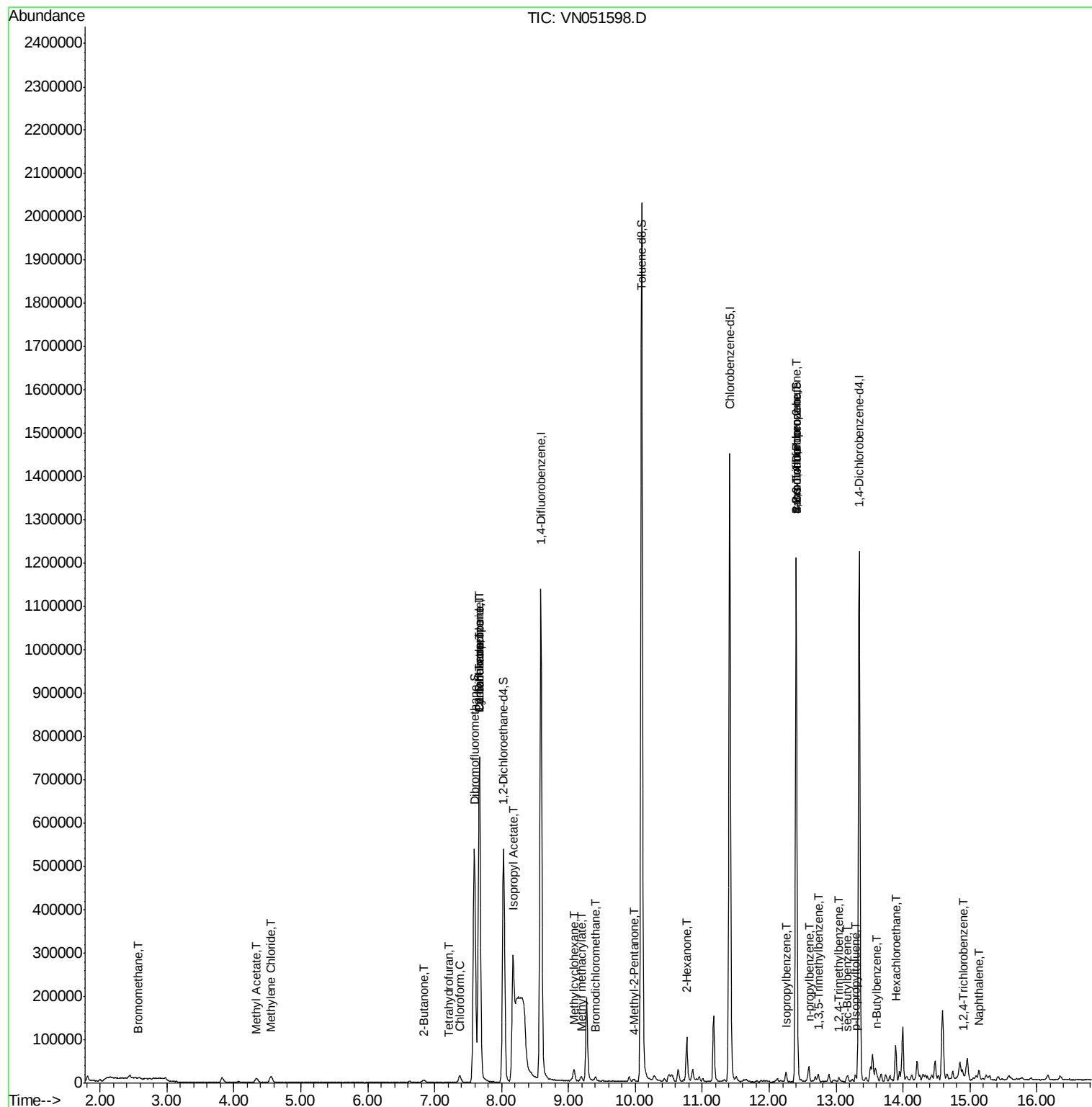
					Qvalue	
5) Bromomethane	2.57	94	964	0.214	ug/l #	34
16) Acetone	3.82	43	19637	Below Cal		91
18) Methyl Acetate	4.33	43	20045	3.328	ug/l	93
20) Methylene Chloride	4.56	84	9732	1.244	ug/l	89
25) 2-Butanone	6.84	43	1943	0.718	ug/l #	78
29) Tetrahydrofuran	7.21	42	687	0.401	ug/l #	62
30) Chloroform	7.38	83	16885	1.254	ug/l	100
31) Cyclohexane	7.67	56	14294	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45143	3.733	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58437	4.620	ug/l #	17
39) Methylcyclohexane	9.08	83	10286	0.728	ug/l #	80
43) Isopropyl Acetate	8.17	43	364660	29.002	ug/l #	87
47) Bromodichloromethane	9.41	83	5498	0.456	ug/l #	86
48) Methyl methacrylate	9.18	41	5662	0.903	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	1948	0.282	ug/l	90
59) 2-Hexanone	10.77	43	13501	3.012	ug/l #	61
71) Bromoform	12.40	173	2603	0.441	ug/l #	1
73) Isopropylbenzene	12.25	105	13419	0.469	ug/l	96
76) 1,2,3-Trichloropropane	12.40	75	199025	35.387	ug/l #	100
78) n-propylbenzene	12.59	91	27401	0.851	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	6463	0.277	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.40	75	199025	108.813	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	5167	0.220	ug/l	89
85) sec-Butylbenzene	13.17	105	8000	0.285	ug/l	80
86) p-Isopropyltoluene	13.29	119	8473	0.349	ug/l	94
89) n-Butylbenzene	13.61	91	6794	0.340	ug/l #	76
90) Hexachloroethane	13.89	117	6378	1.318	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	237	6.014	ug/l #	1
95) Naphthalene	15.14	128	18328	9.265	ug/l	99

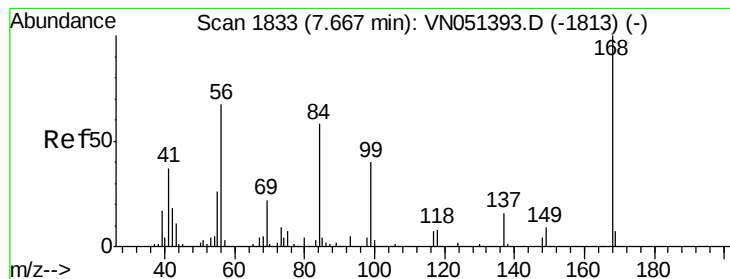
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampled :

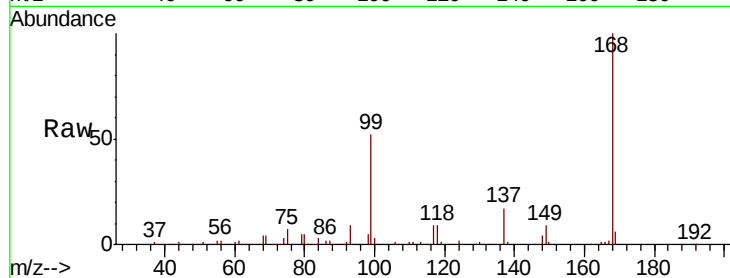
CA-SOIL-2

Tot Ion:168 Resp: 631285

Ion Ratio Lower Upper

168 100

99 51.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D

Ion 98.90 (98.60 to 99.60): VN051393.D

7.67

250000

200000

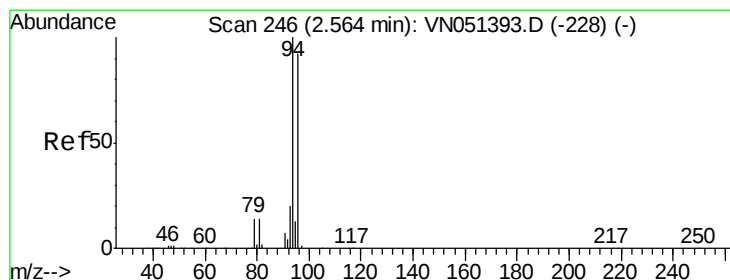
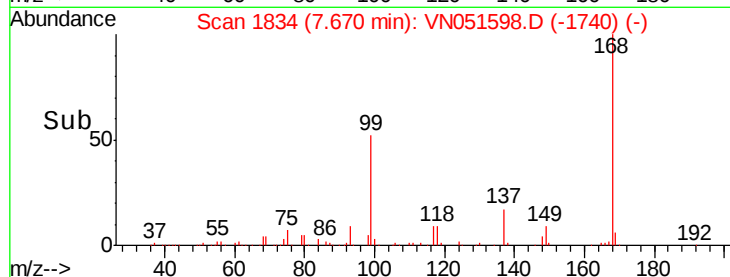
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.214 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051598.D

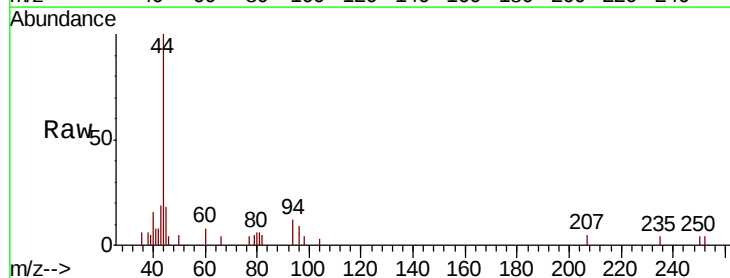
Acq: 27 Sep 2018 21:46

Tgt Ion: 94 Resp: 964

Ion Ratio Lower Upper

94 100

96 29.4 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VN051393.D

Ion 95.90 (95.60 to 96.60): VN051393.D

2.57

600

500

400

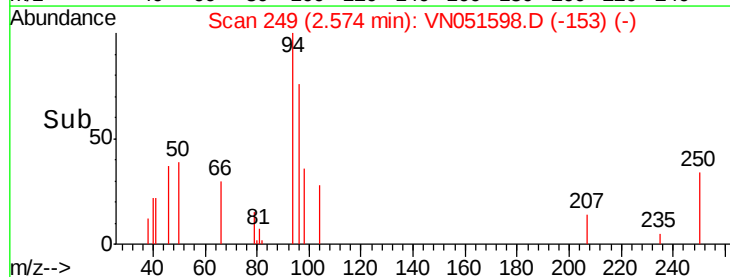
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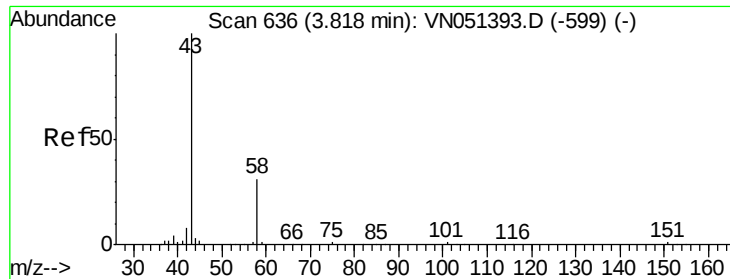
200

100

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampleId :

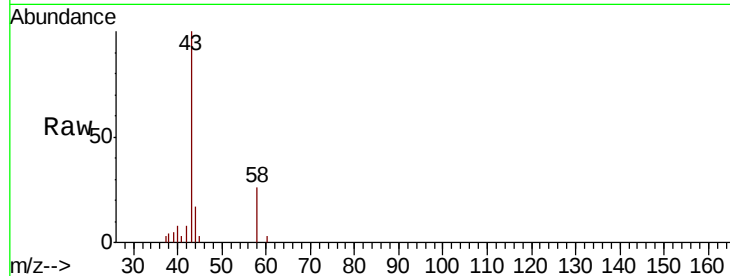
CA-SOIL-2

Tot Ion: 43 Resp: 19637

Ion Ratio Lower Upper

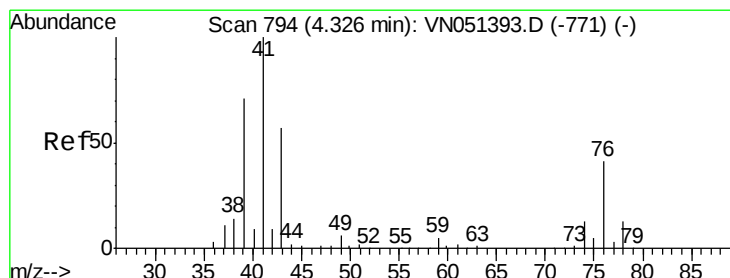
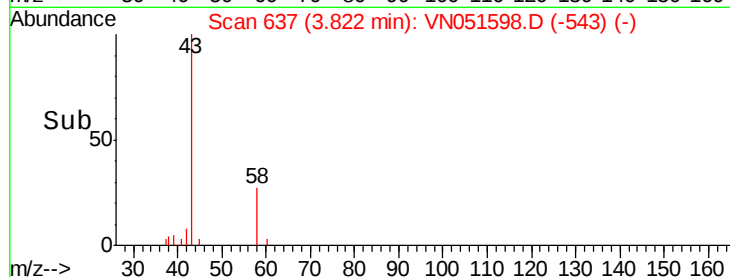
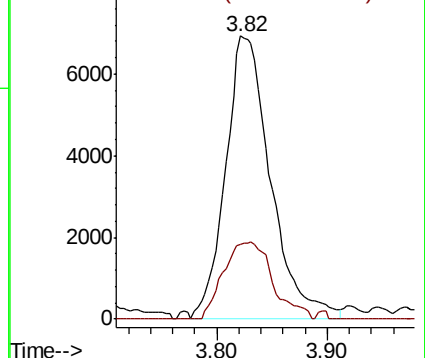
43 100

58 26.5 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 3.328 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN051598.D

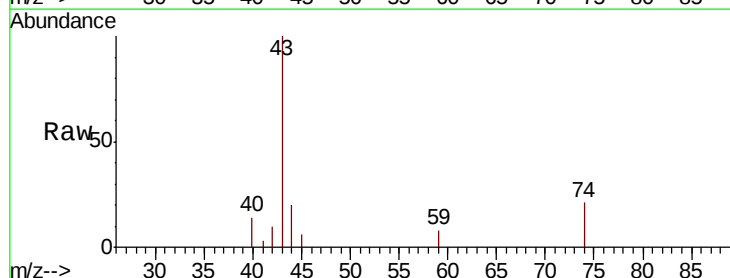
Acq: 27 Sep 2018 21:46

Tgt Ion: 43 Resp: 20045

Ion Ratio Lower Upper

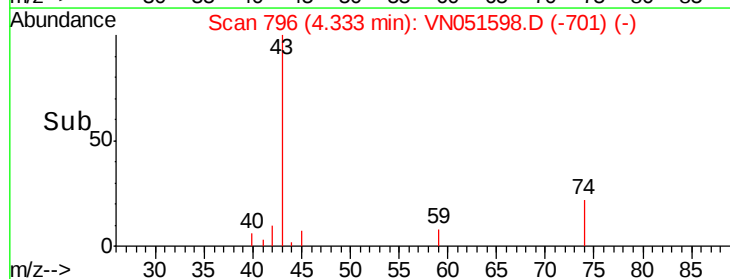
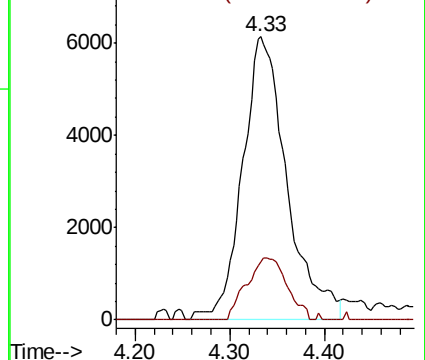
43 100

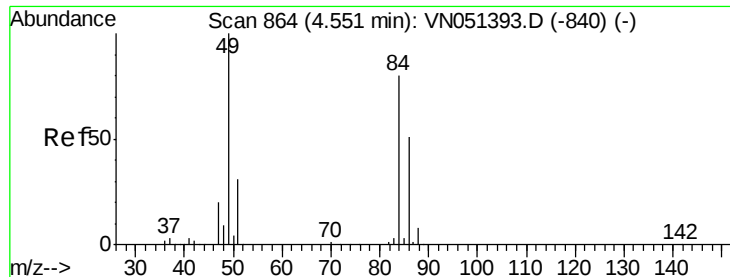
74 19.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

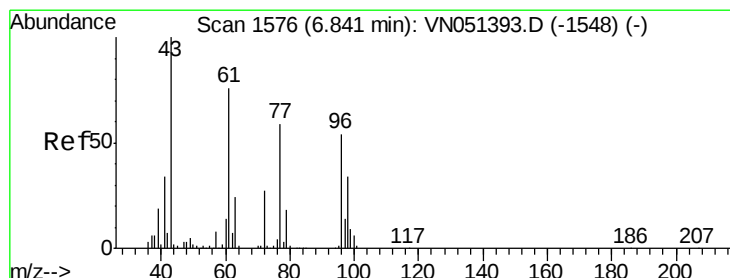
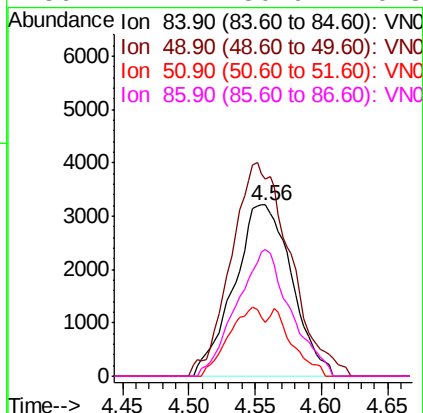
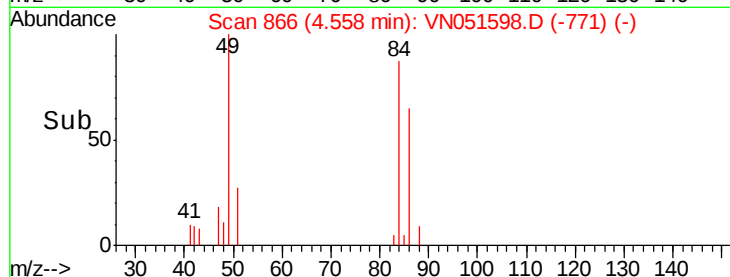
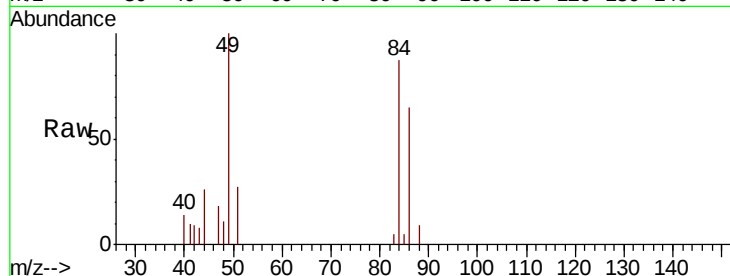




#20
Methvlene Chloride
Concen: 1.244 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

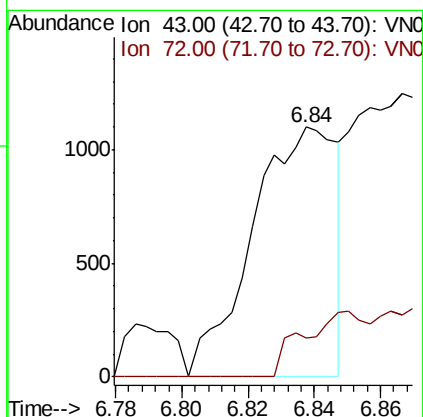
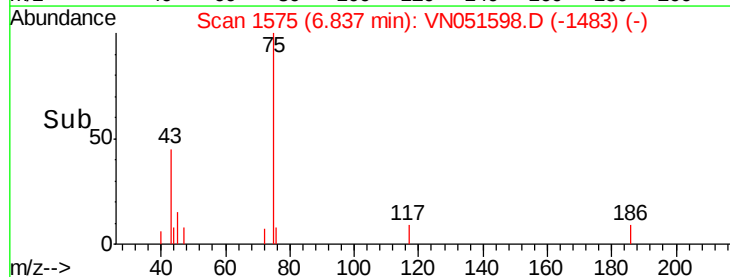
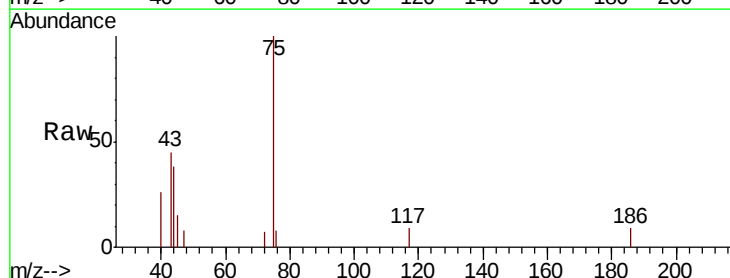
Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-2

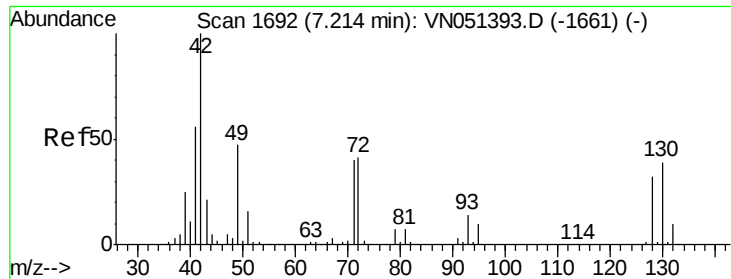
Tot Ion: 84 Resp: 9732
Ion Ratio Lower Upper
84 100
49 114.8 99.9 149.9
51 31.5 31.4 47.2
86 74.2 50.9 76.3



#25
2-Butanone
Concen: 0.718 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

Tgt Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
72 15.7 21.8 32.6#

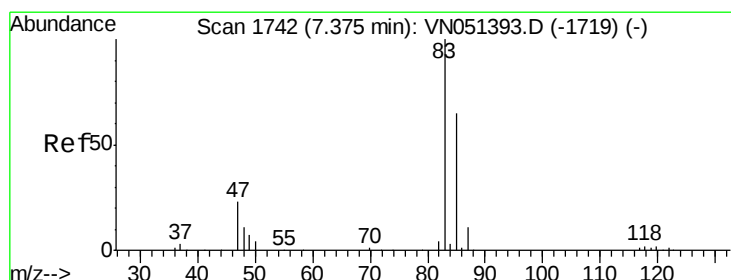
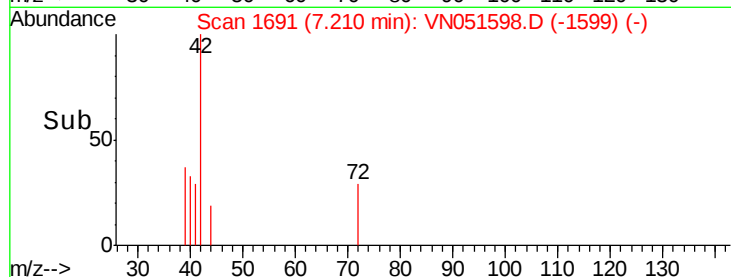
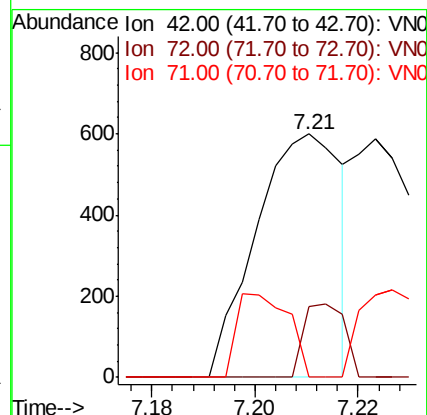
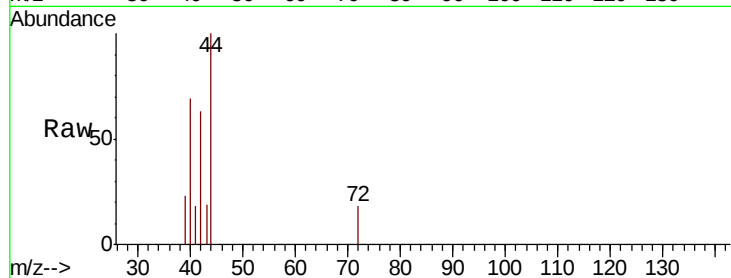




#29
Tetrahydrofuran
Concen: 0.401 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

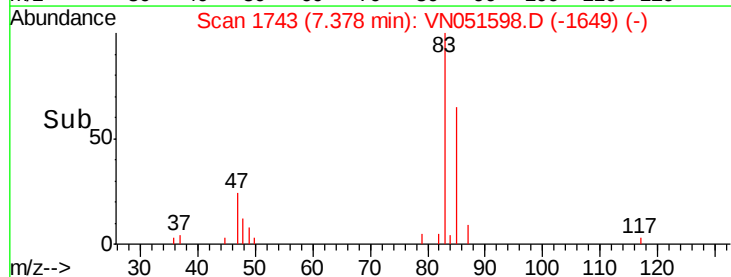
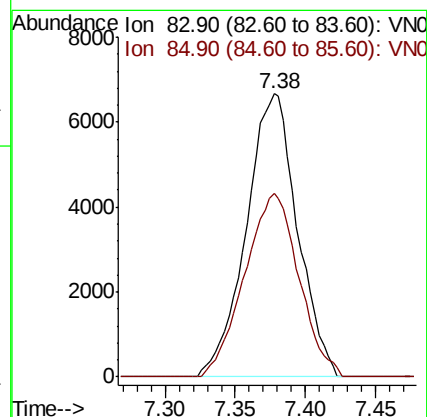
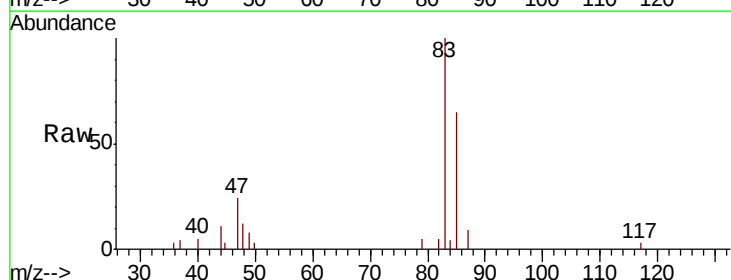
Instrument :
MSVOA_N
ClientSampled :
CA-SOIL-2

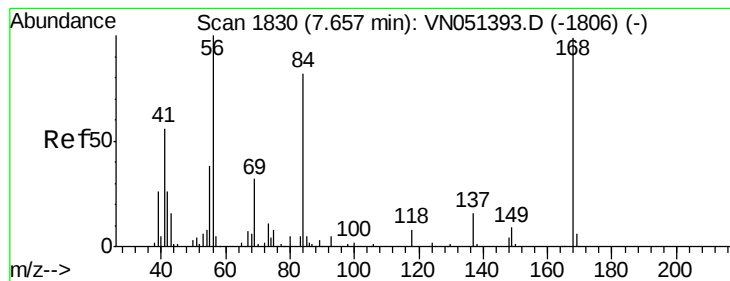
Tot Ion: 42 Resp: 687
Ion Ratio Lower Upper
42 100
72 14.3 34.3 51.5#
71 20.7 32.2 48.4#



#30
Chloroform
Concen: 1.254 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

Tgt Ion: 83 Resp: 16885
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6





#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampleId :

CA-SOIL-2

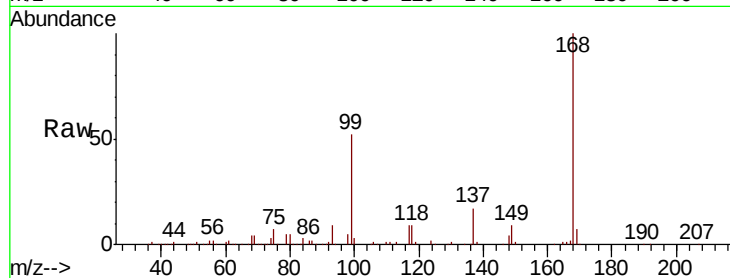
Tot Ion: 56 Resp: 14294

Ion Ratio Lower Upper

56 100

69 187.5 25.8 38.6#

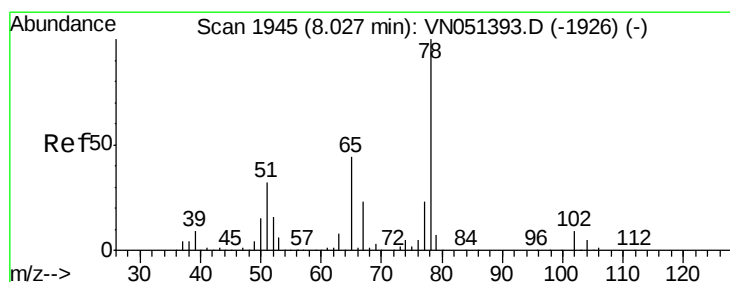
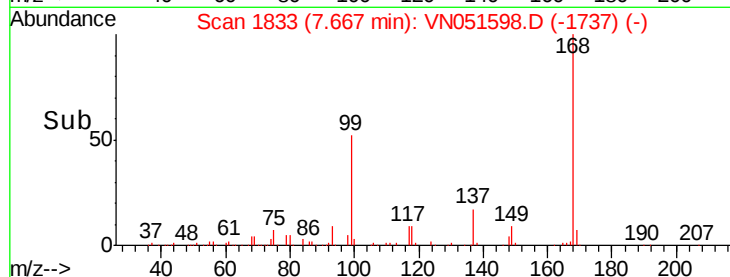
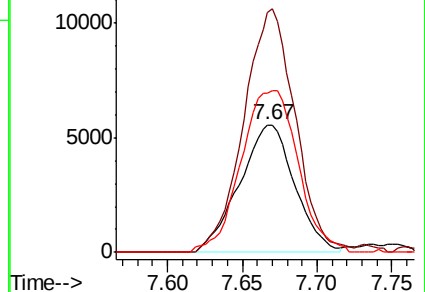
84 124.9 66.0 99.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.396 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051598.D

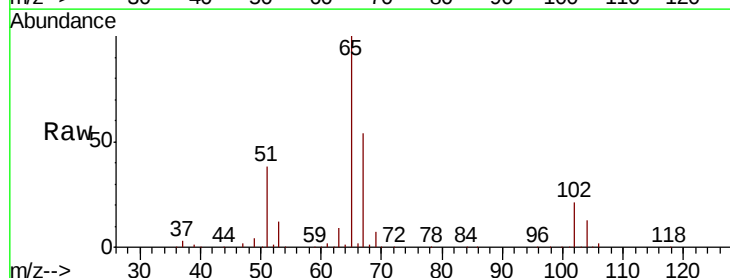
Acq: 27 Sep 2018 21:46

Tgt Ion: 65 Resp: 461798

Ion Ratio Lower Upper

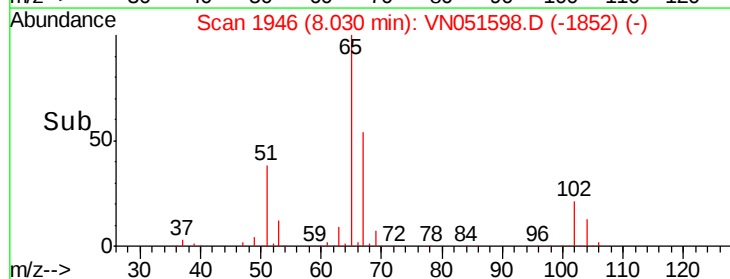
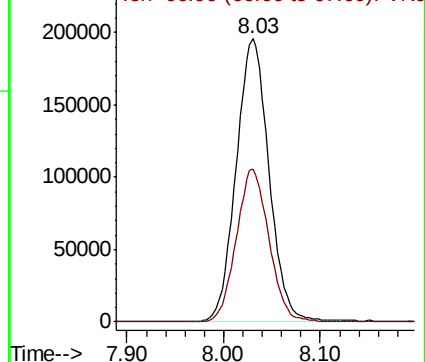
65 100

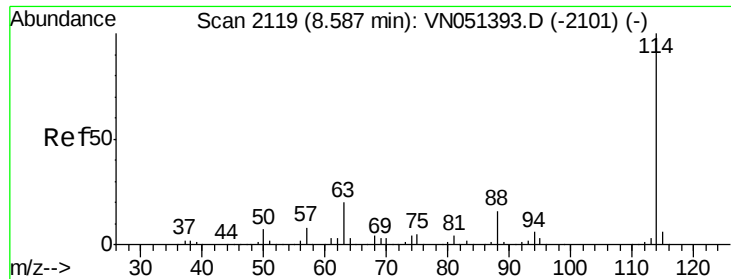
67 53.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

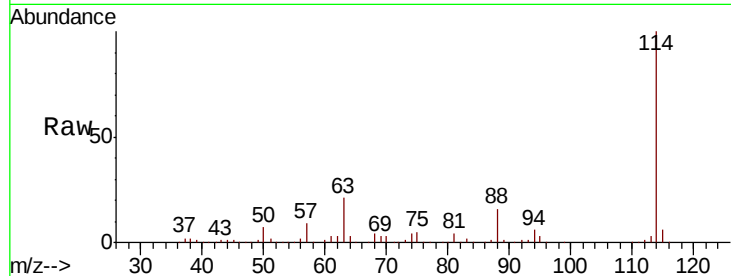




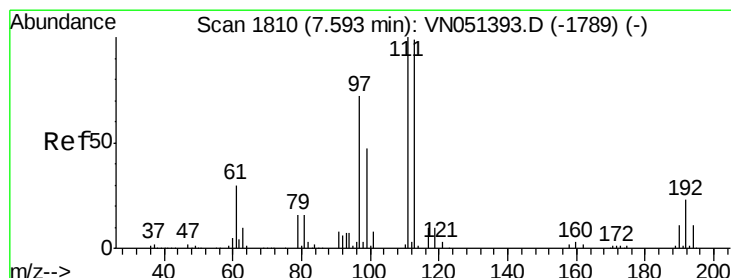
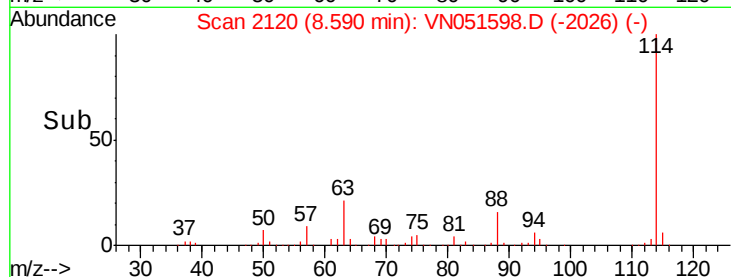
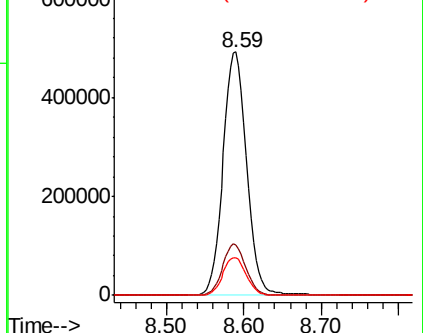
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051598.D
 Acq: 27 Sep 2018 21:46

Instrument :
 MSVOA_N
 ClientSampleId :
 CA-SOIL-2

Tot Ion:114 Resp: 1044326
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.2
 88 15.6 0.0 31.4

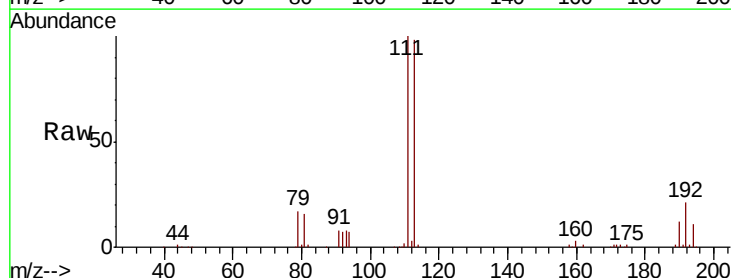


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

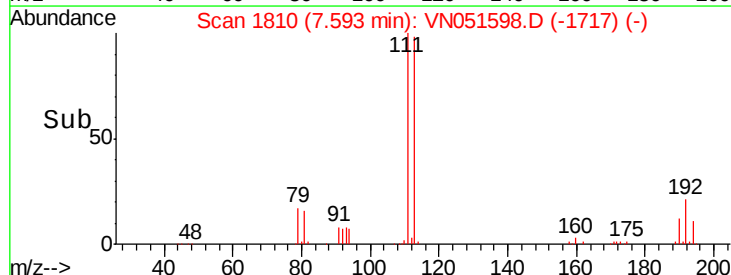
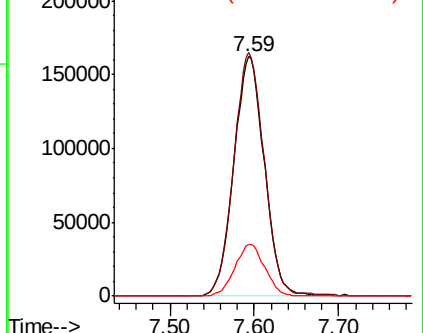


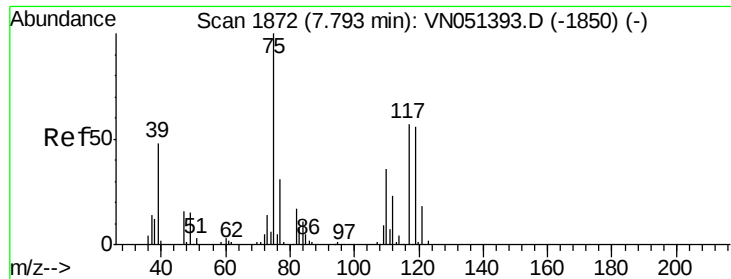
#35
 Dibromofluoromethane
 Concen: 48.908 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051598.D
 Acq: 27 Sep 2018 21:46

Tgt Ion:113 Resp: 408434
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 123.8
 192 21.4 18.0 27.0



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

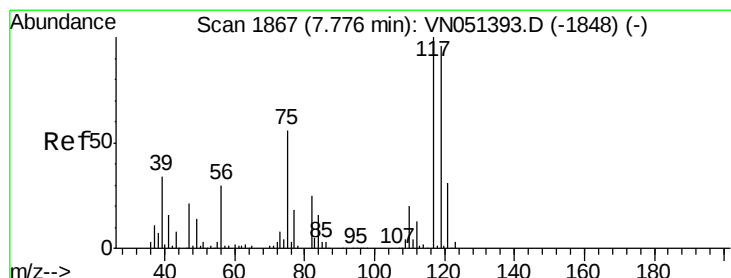
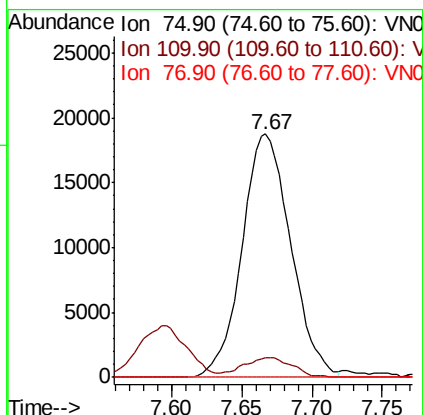
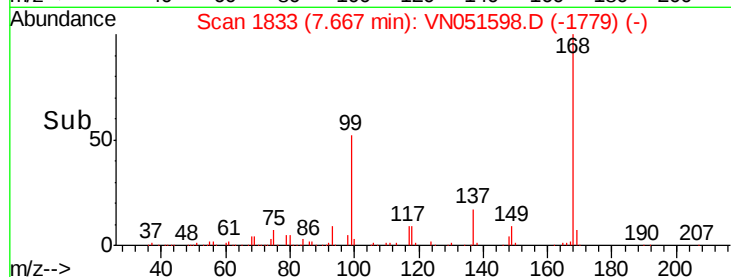
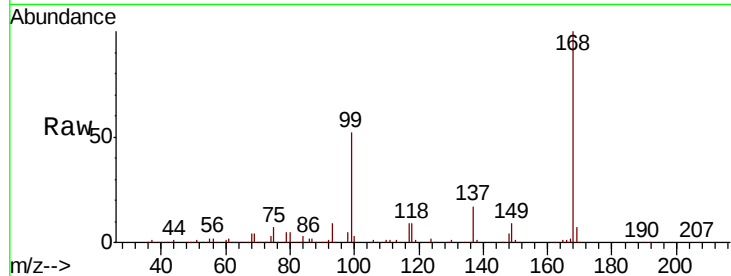




#36
 1,1-Dichloropropene
 Concen: 3.733 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051598.D
 Acq: 27 Sep 2018 21:46

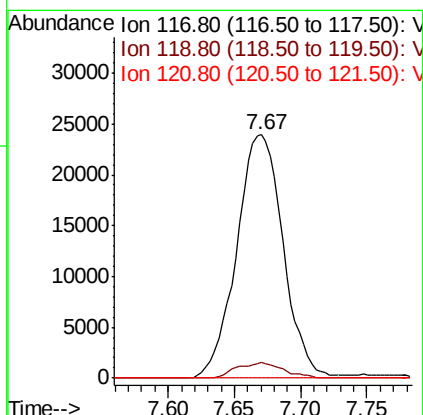
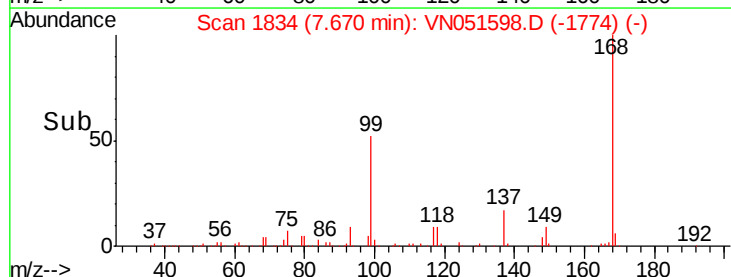
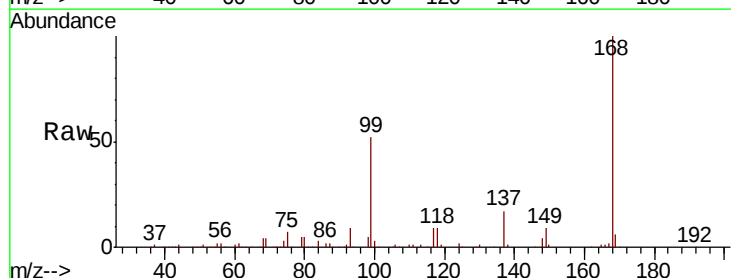
Instrument :
 MSVOA_N
 ClientSampleID :
 CA-SOIL-2

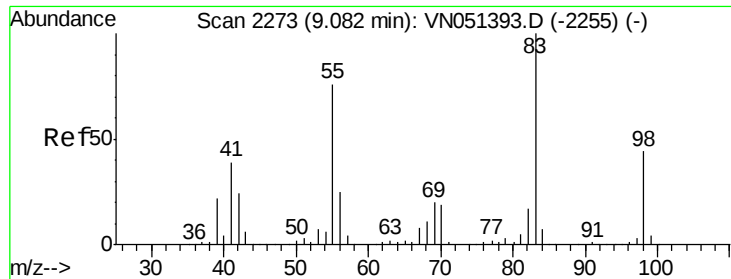
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.3#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 4.620 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN051598.D
 Acq: 27 Sep 2018 21:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.9	115.3#
121	0.0	24.6	37.0#

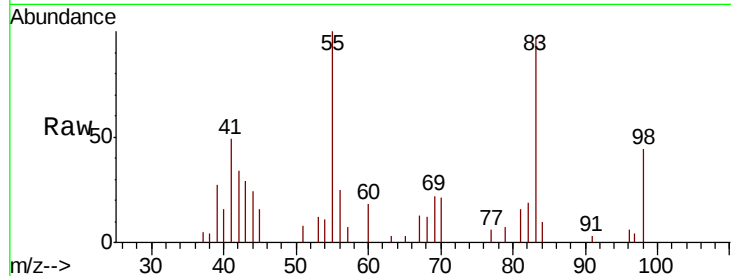




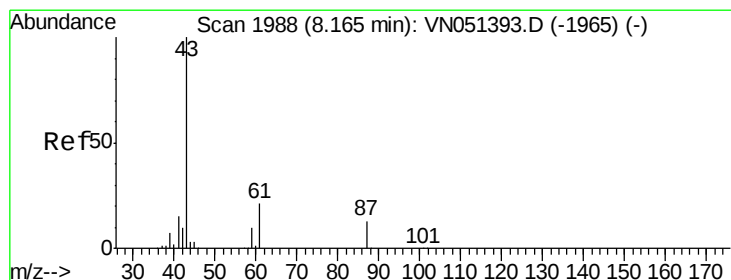
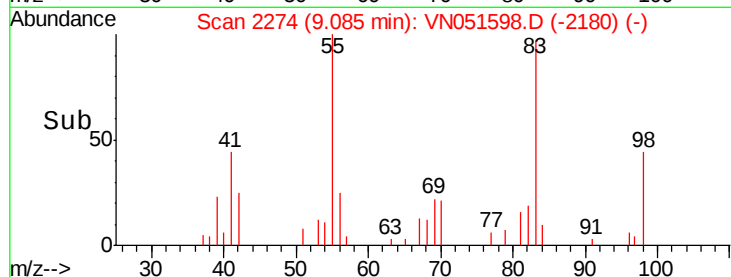
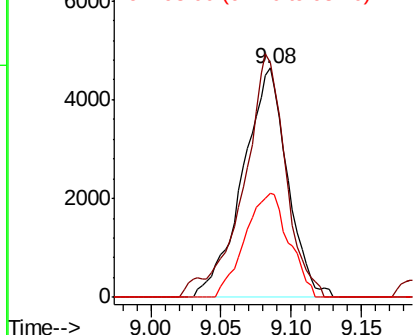
#39
Methylcyclohexane
Concen: 0.728 ug/l
RT: 9.08 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-2

Tot Ion: 83 Resp: 10286
Ion Ratio Lower Upper
83 100
55 102.7 61.0 91.4#
98 45.6 35.6 53.4

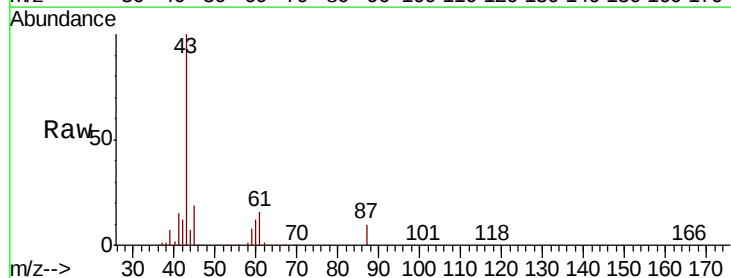


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

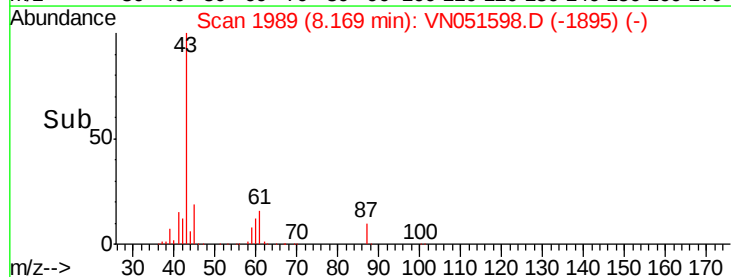
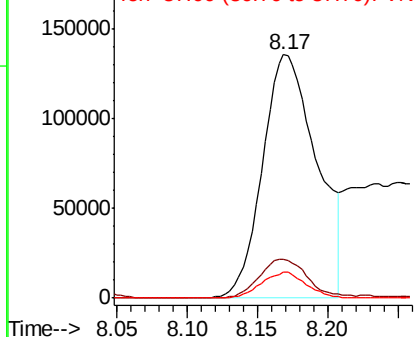


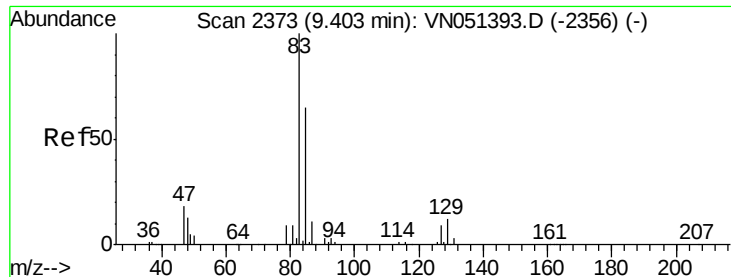
#43
Isopropyl Acetate
Concen: 29.002 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

Tgt Ion: 43 Resp: 364660
Ion Ratio Lower Upper
43 100
61 14.3 16.8 25.2#
87 8.8 10.7 16.1#



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





#47

Bromodichloromethane

Concen: 0.456 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampled :

CA-SOIL-2

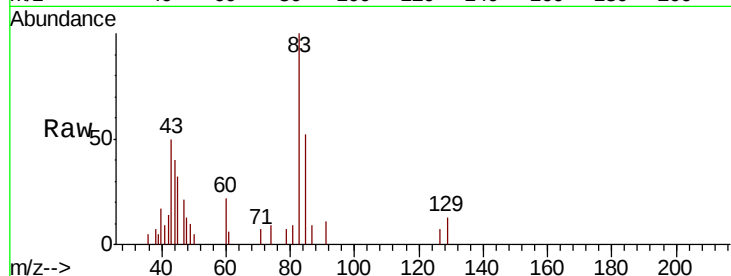
Tot Ion: 83 Resp: 5498

Ion Ratio Lower Upper

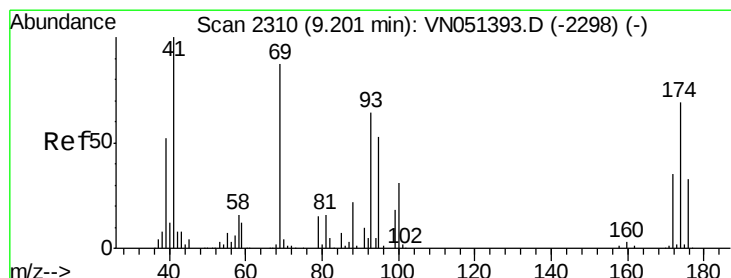
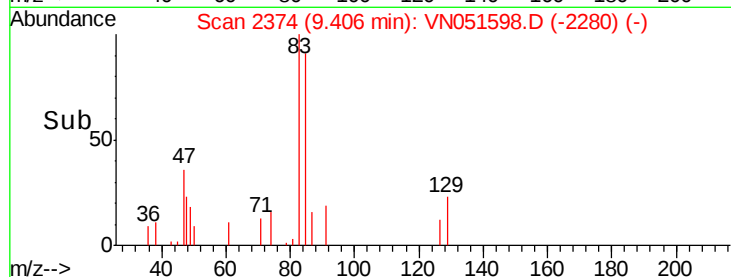
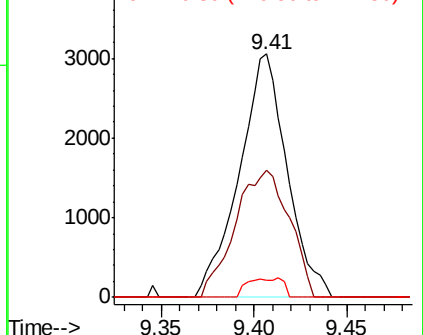
83 100

85 52.5 51.8 77.6

127 6.7 7.4 11.2#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 0.903 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

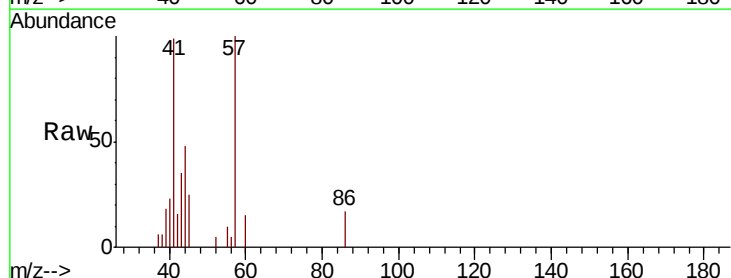
Tgt Ion: 41 Resp: 5662

Ion Ratio Lower Upper

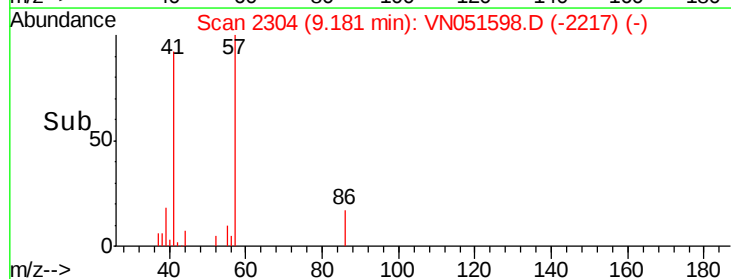
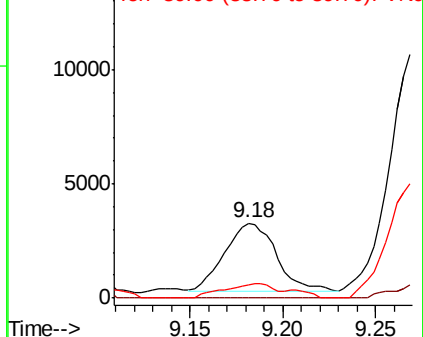
41 100

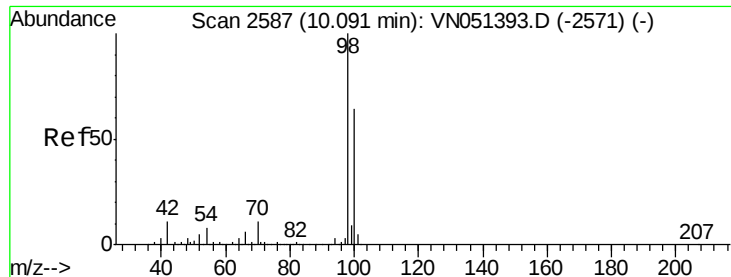
69 0.0 70.4 105.6#

39 21.5 43.8 65.8#



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





#50

Toluene-d8

Concen: 46.506 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampled :

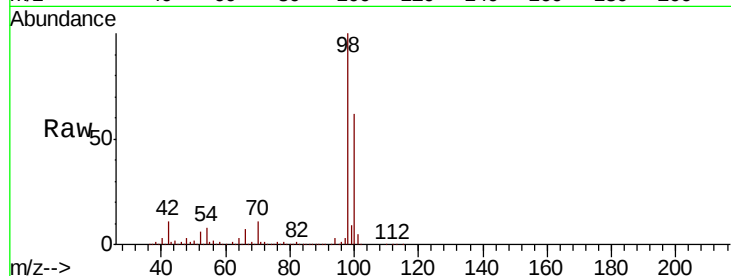
CA-SOIL-2

Tot Ion: 98 Resp: 1462461

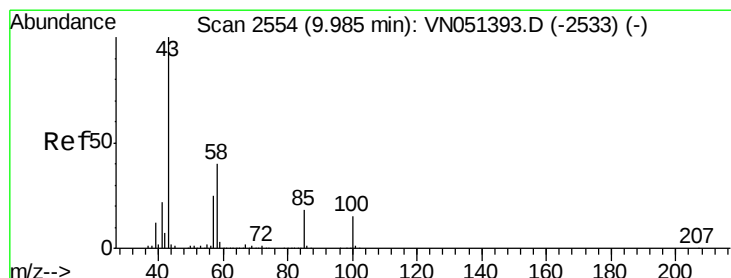
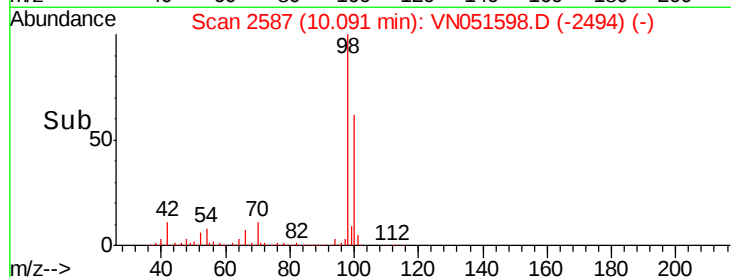
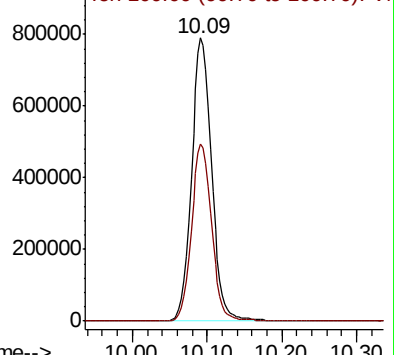
Ion Ratio Lower Upper

98 100

100 62.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051393.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.282 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051598.D

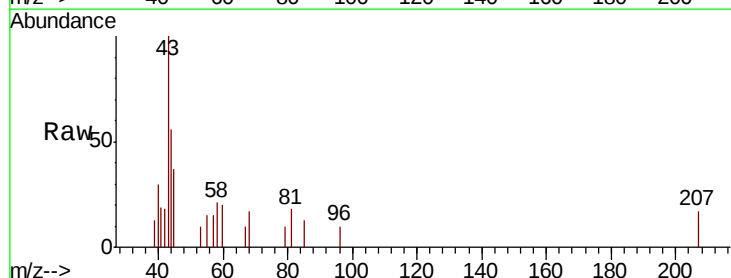
Acq: 27 Sep 2018 21:46

Tgt Ion: 43 Resp: 1948

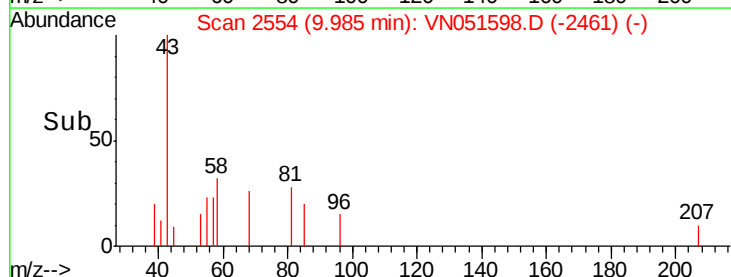
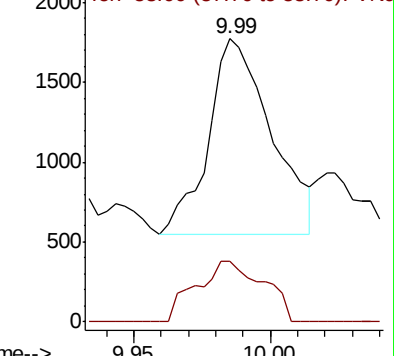
Ion Ratio Lower Upper

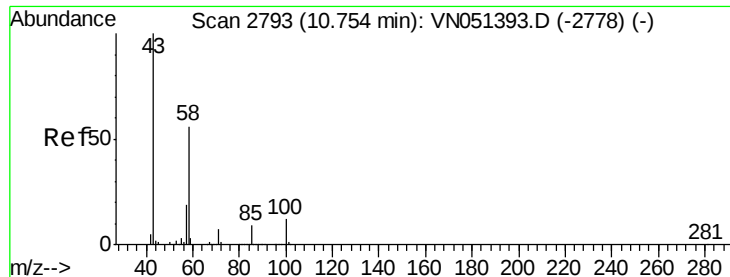
43 100

58 33.4 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2533) (-)

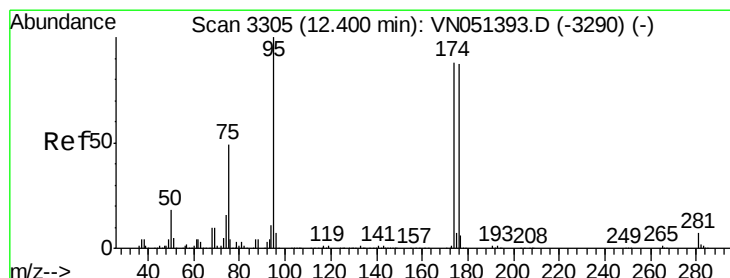
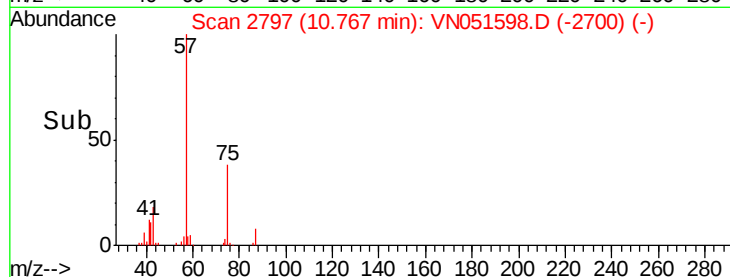
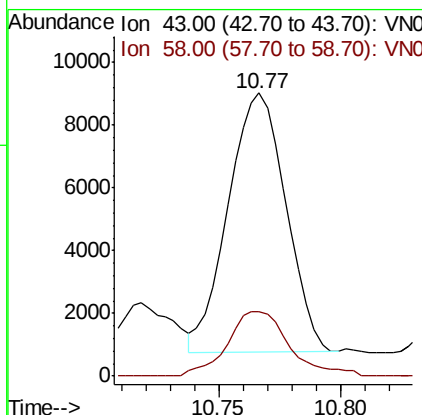
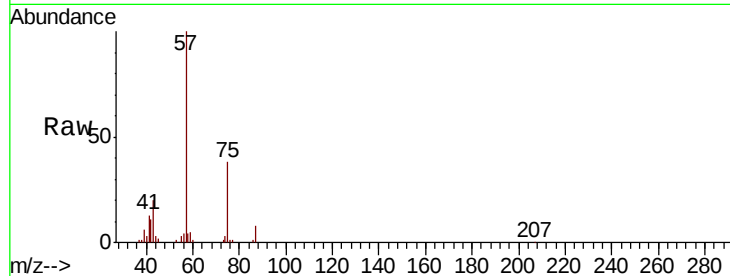




#59
2-Hexanone
Concen: 3.012 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

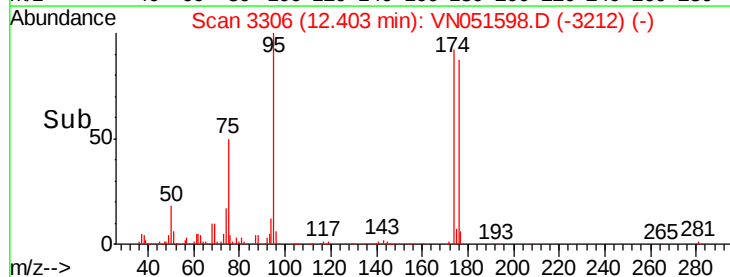
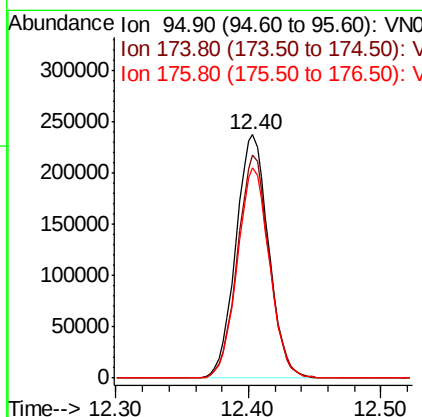
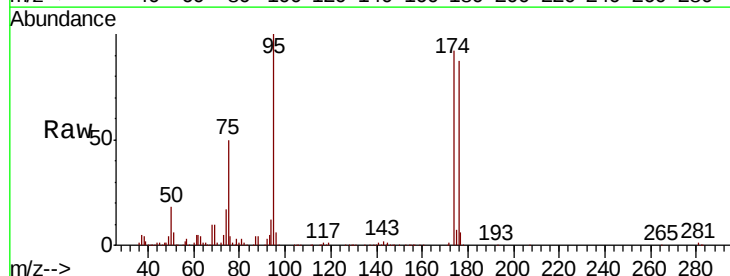
Instrument :
MSVOA_N
ClientSampled :
CA-SOIL-2

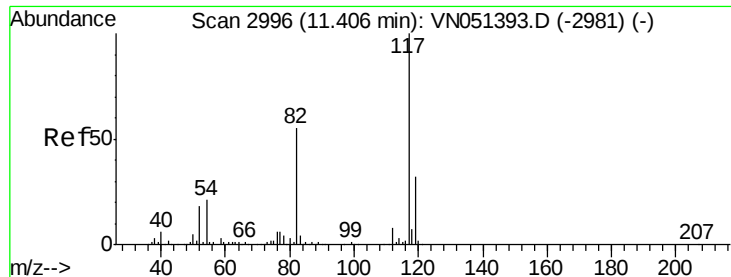
Tot Ion: 43 Resp: 13501
Ion Ratio Lower Upper
43 100
58 26.9 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 39.911 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

Tgt Ion: 95 Resp: 406012
Ion Ratio Lower Upper
95 100
174 89.6 0.0 181.6
176 85.3 0.0 176.4

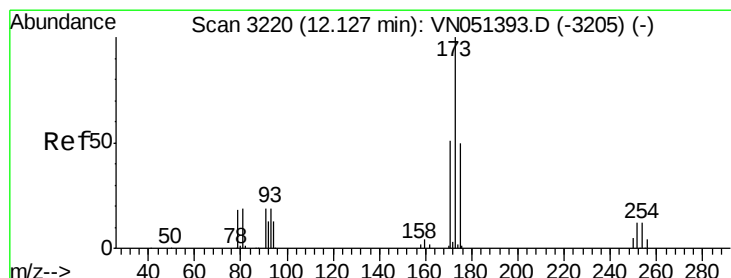
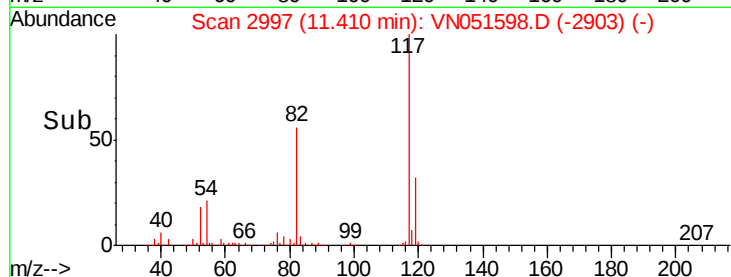
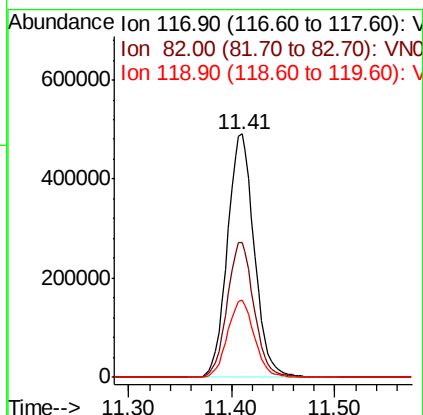
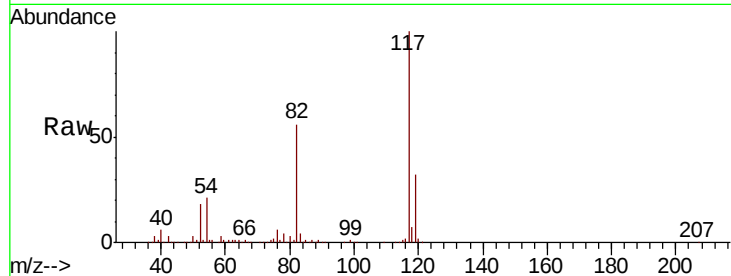




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

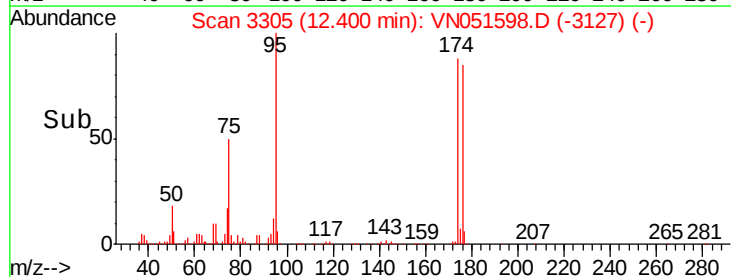
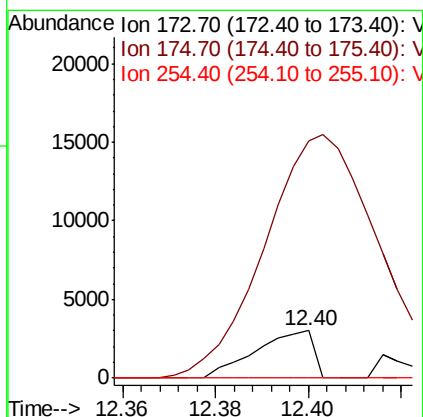
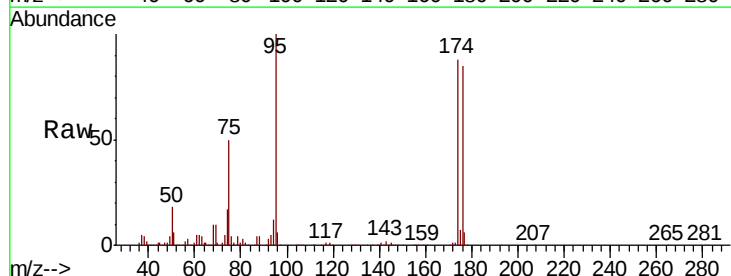
Instrument :
MSVOA_N
ClientSampleId :
CA-SOIL-2

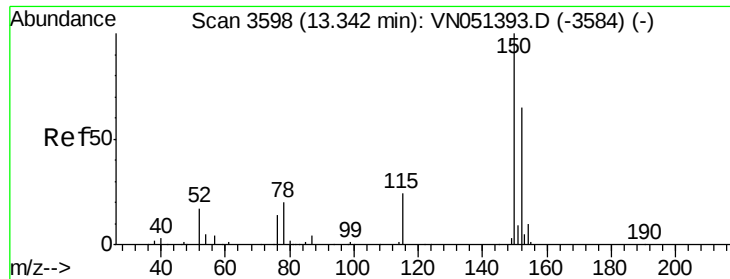
Tot Ion:117 Resp: 889605
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.7 25.9 38.9



#71
Bromoform
Concen: 0.441 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

Tgt Ion:173 Resp: 2603
Ion Ratio Lower Upper
173 100
175 847.5 24.8 74.3#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampled :

CA-SOIL-2

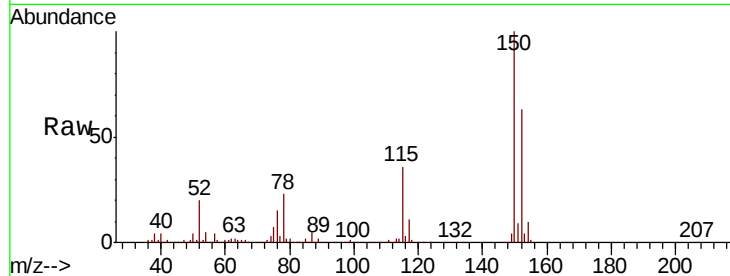
Tot Ion:152 Resp: 338796

Ion Ratio Lower Upper

152 100

115 56.9 28.3 84.9

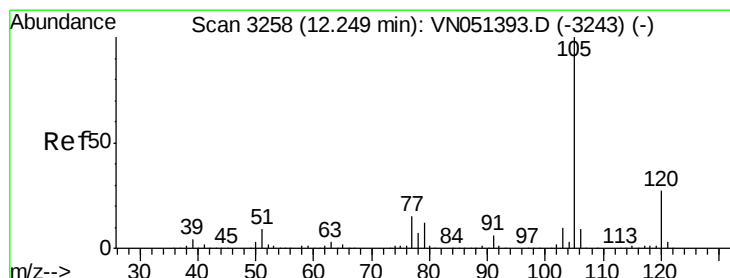
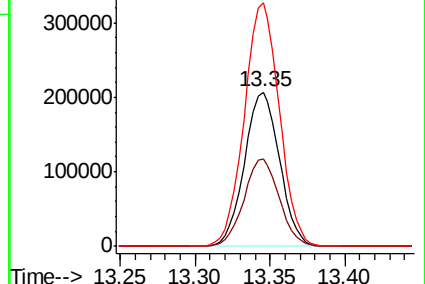
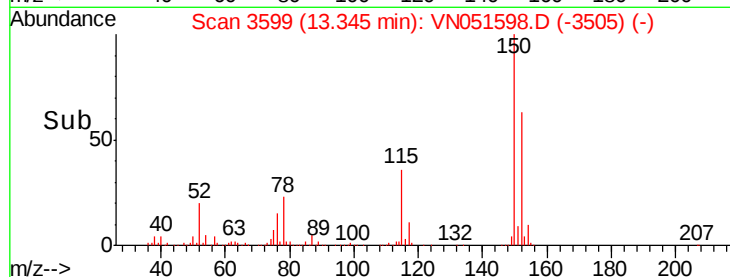
150 157.6 0.0 353.6



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: 0.469 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051598.D

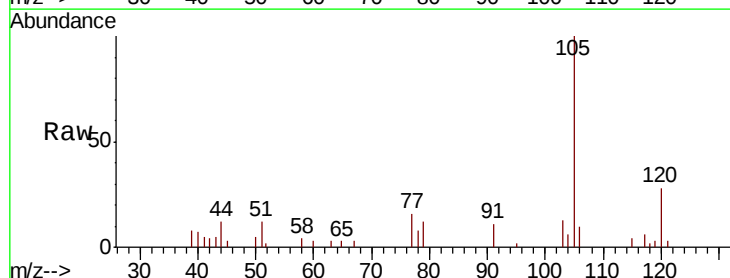
Acq: 27 Sep 2018 21:46

Tgt Ion:105 Resp: 13419

Ion Ratio Lower Upper

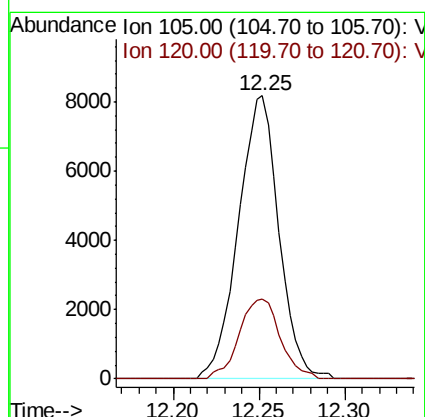
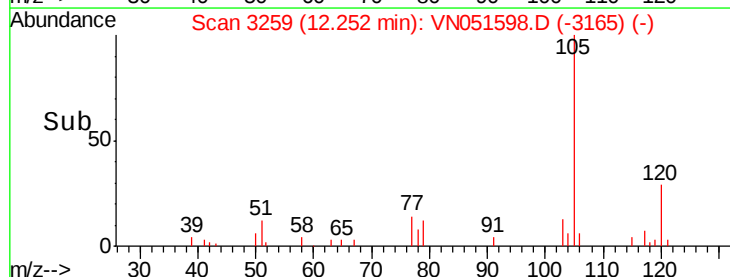
105 100

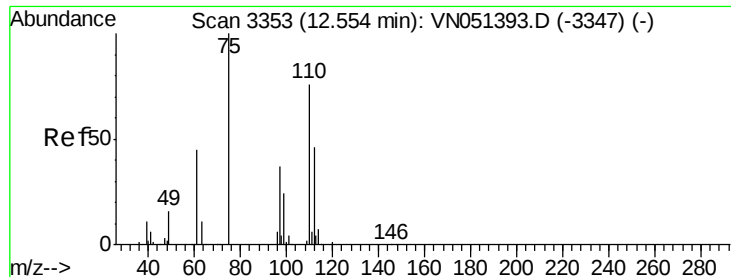
120 28.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 35.387 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampled :

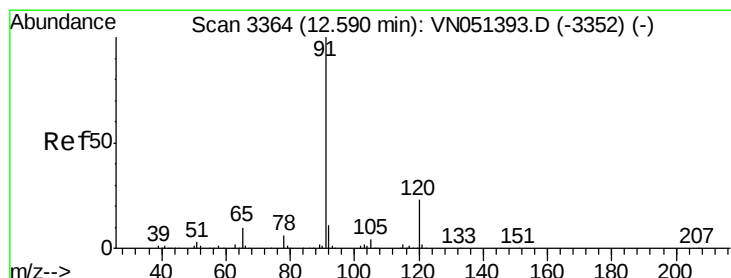
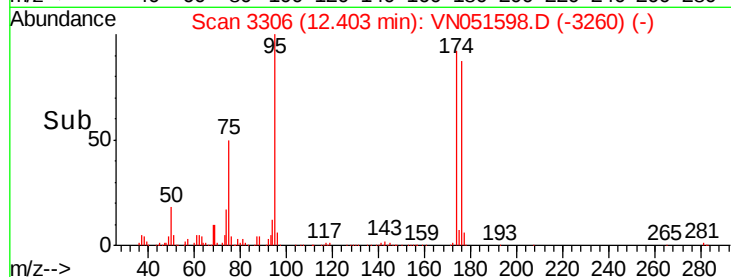
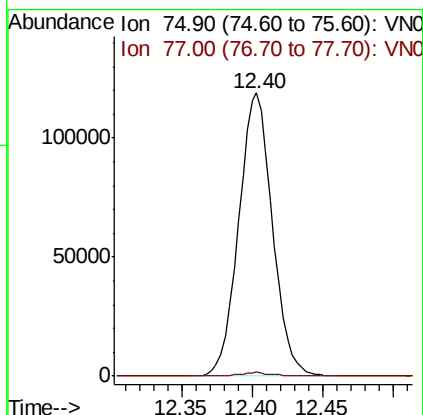
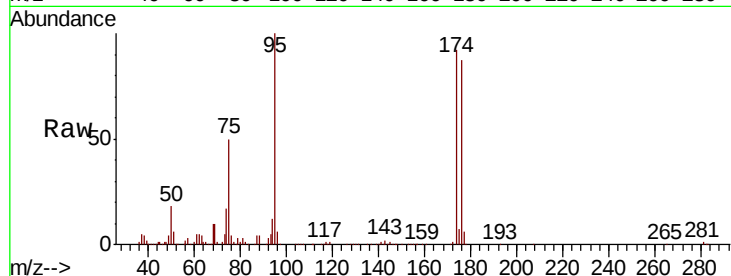
CA-SOIL-2

Tot Ion: 75 Resp: 199025

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#78

n-propylbenzene

Concen: 0.851 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051598.D

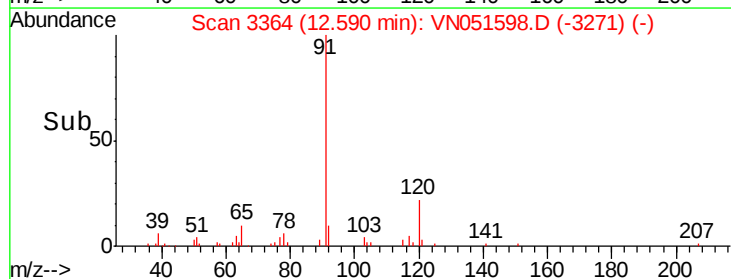
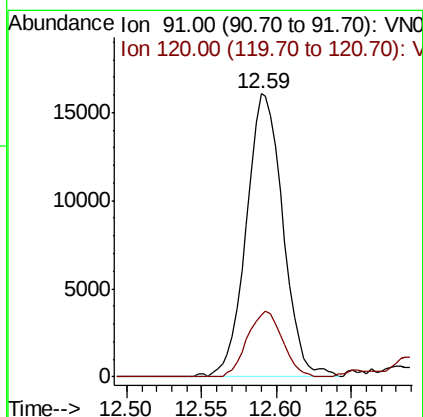
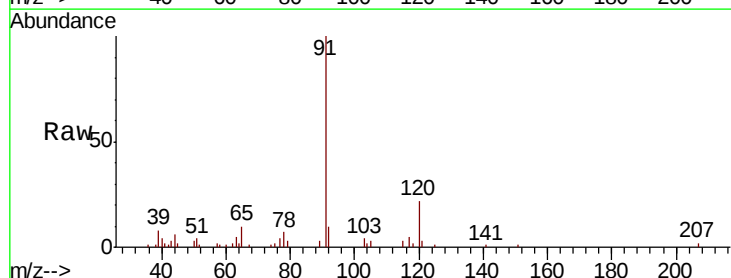
Acq: 27 Sep 2018 21:46

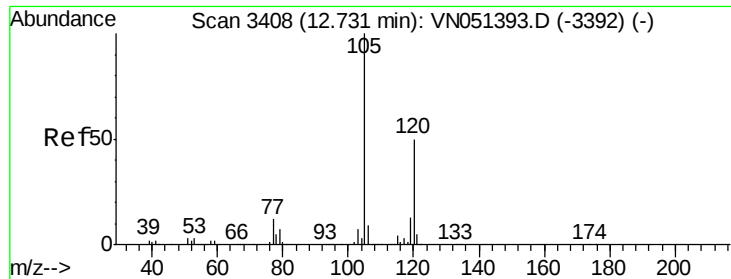
Tgt Ion: 91 Resp: 27401

Ion Ratio Lower Upper

91 100

120 22.2 11.9 35.5

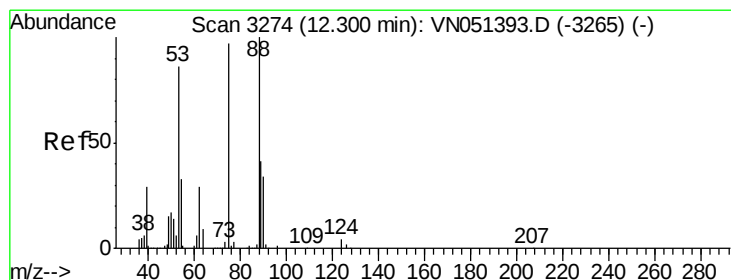
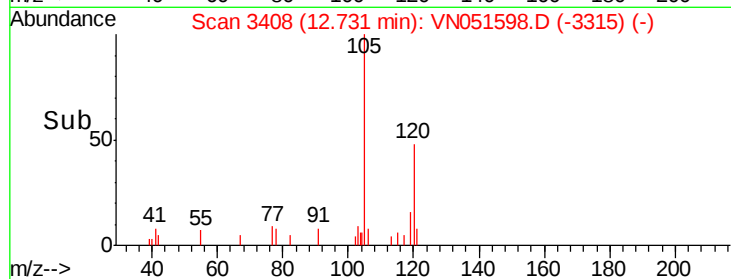
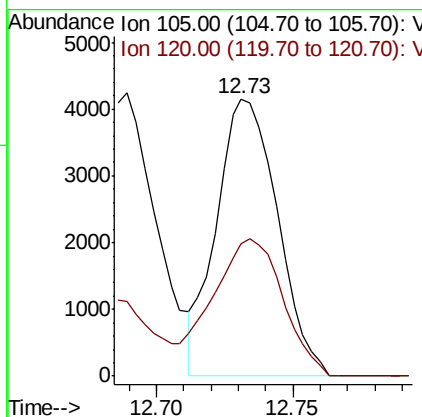
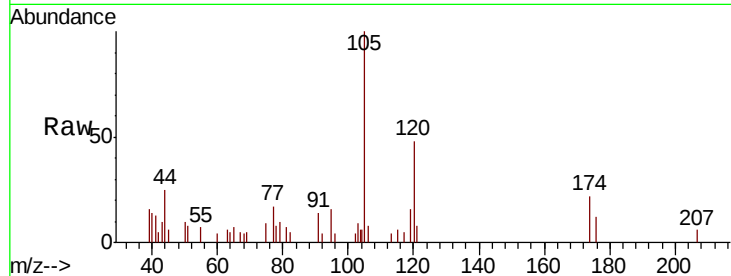




#80
 1,3,5-Trimethylbenzene
 Concen: 0.277 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051598.D
 Acq: 27 Sep 2018 21:46

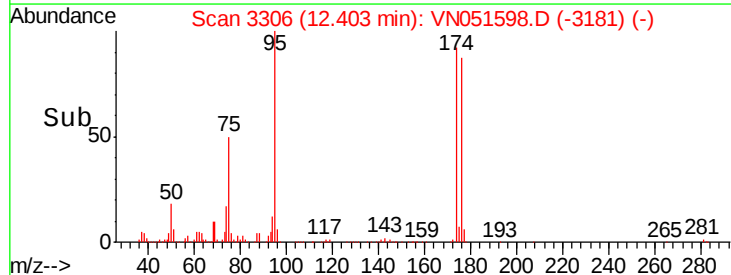
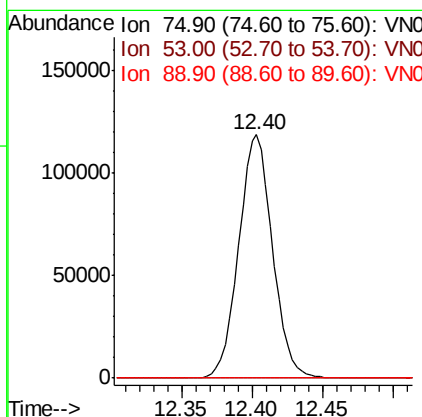
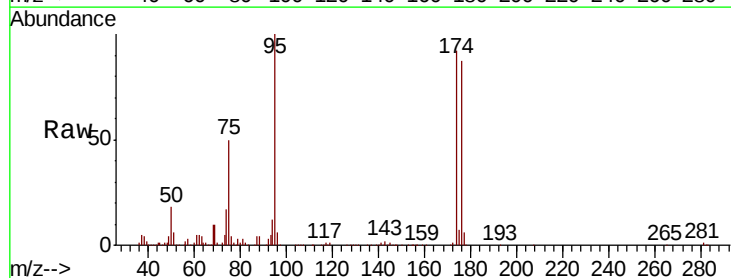
Instrument :
 MSVOA_N
 ClientSampled :
 CA-SOIL-2

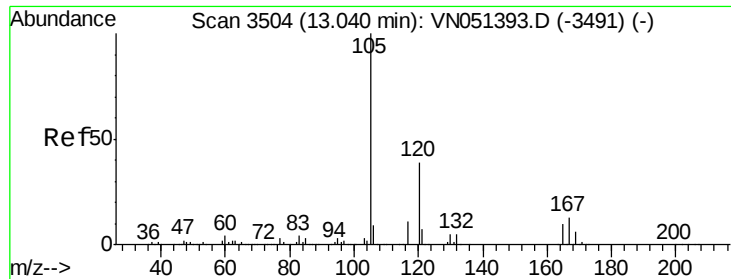
Tot Ion:105 Resp: 6463
 Ion Ratio Lower Upper
 105 100
 120 58.2 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.813 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051598.D
 Acq: 27 Sep 2018 21:46

Tgt Ion: 75 Resp: 199025
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 0.0 36.7 55.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.220 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampleId :

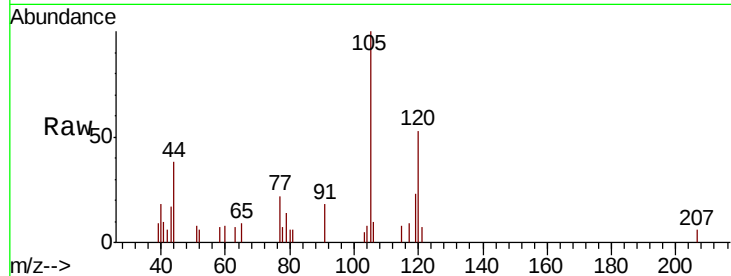
CA-SOIL-2

Tot Ion:105 Resp: 5167

Ion Ratio Lower Upper

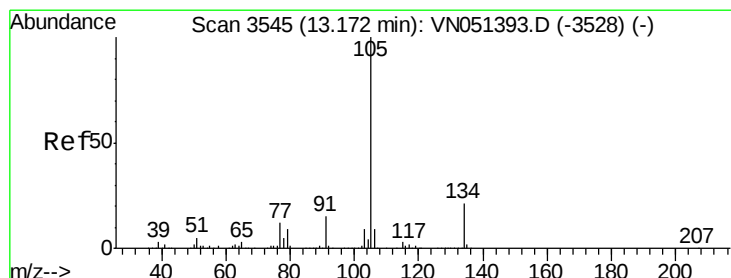
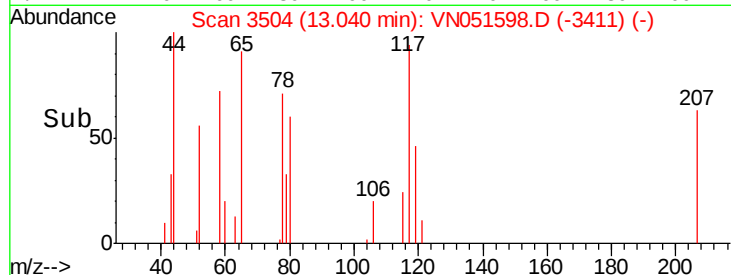
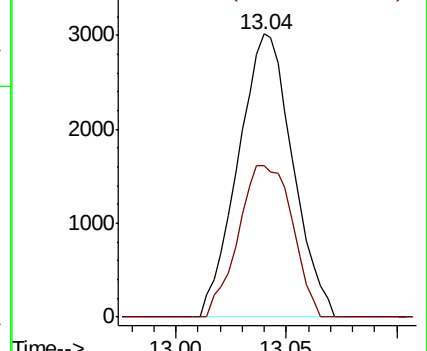
105 100

120 52.9 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.285 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051598.D

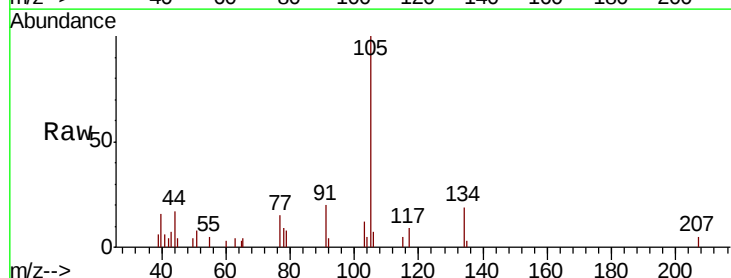
Acq: 27 Sep 2018 21:46

Tgt Ion:105 Resp: 8000

Ion Ratio Lower Upper

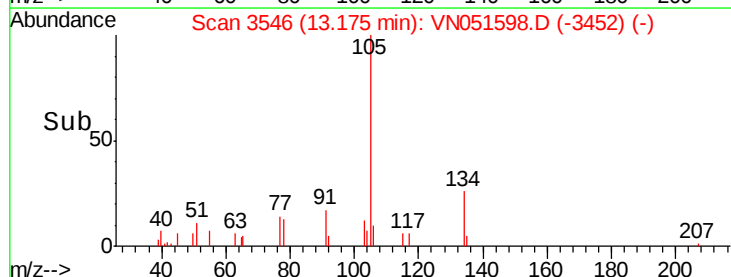
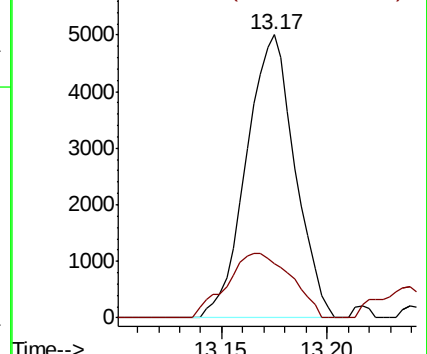
105 100

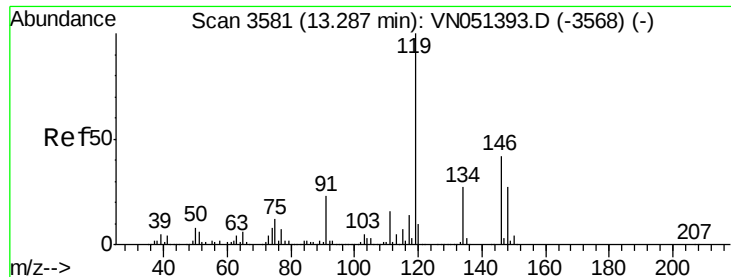
134 30.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

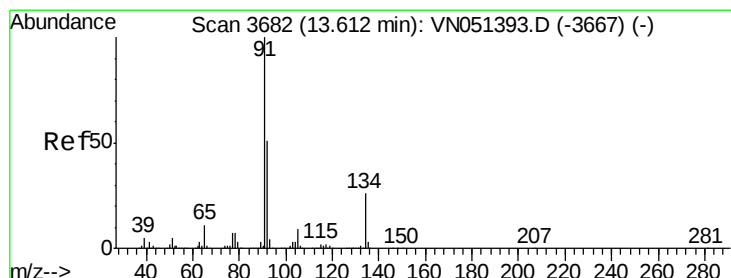
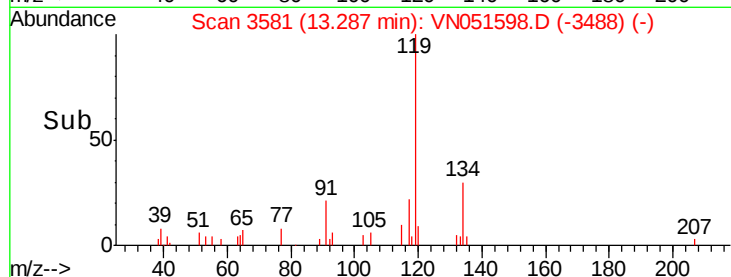
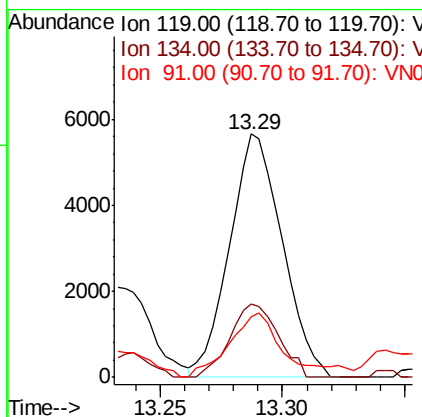
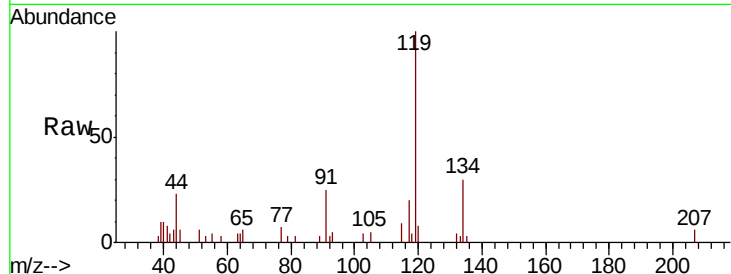




#86
p-Isopropyltoluene
Concen: 0.349 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

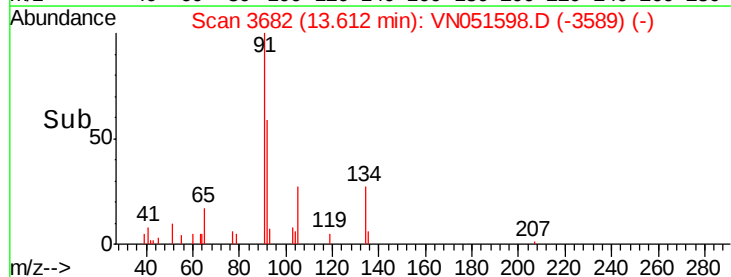
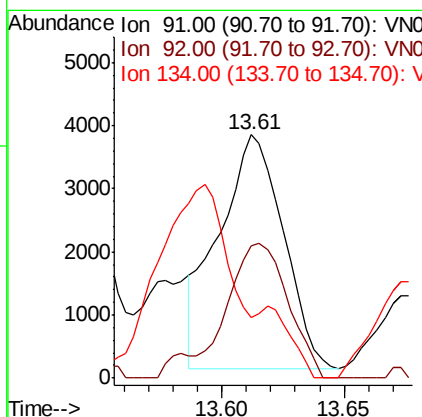
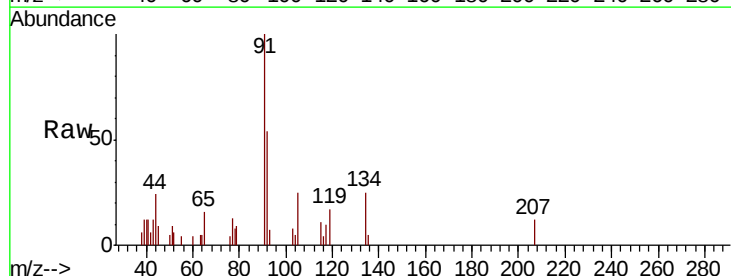
Instrument :
MSVOA_N
ClientSampled :
CA-SOIL-2

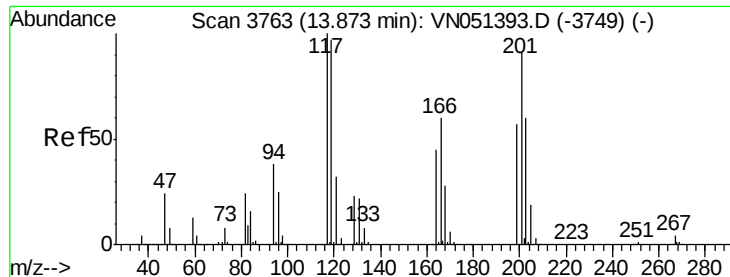
Tot Ion: 119 Resp: 8473
Ion Ratio Lower Upper
119 100
134 27.7 13.3 39.9
91 27.9 11.4 34.2



#89
n-Butylbenzene
Concen: 0.340 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051598.D
Acq: 27 Sep 2018 21:46

Tgt Ion: 91 Resp: 6794
Ion Ratio Lower Upper
91 100
92 57.9 25.5 76.5
134 0.0 13.3 39.8#





#90

Hexachloroethane

Concen: 1.318 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampled :

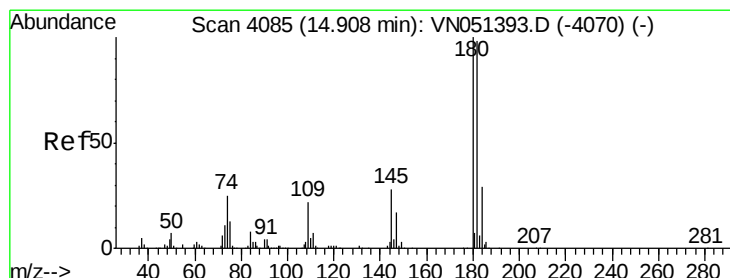
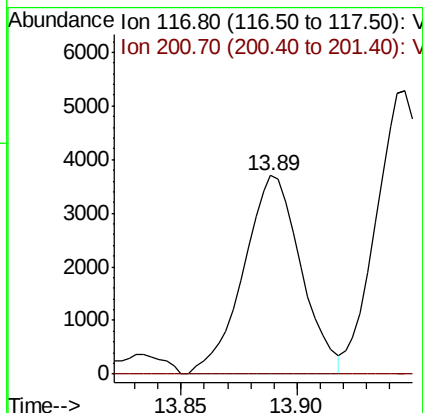
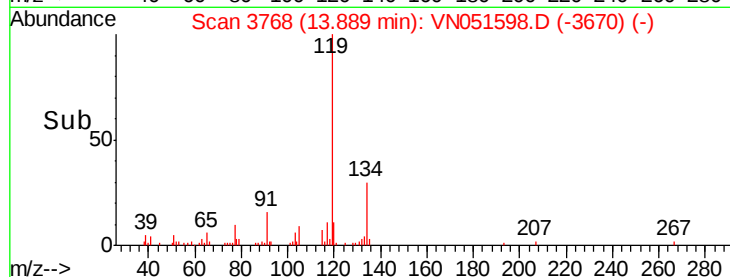
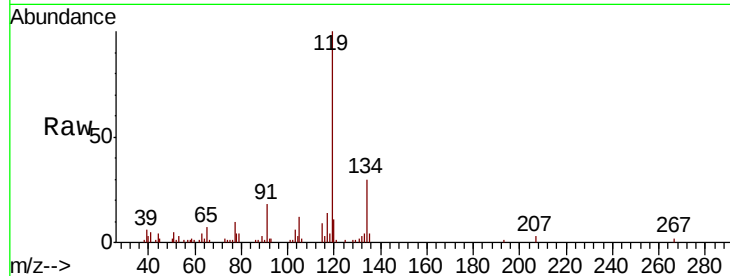
CA-SOIL-2

Tot Ion:117 Resp: 6378

Ion Ratio Lower Upper

117 100

201 0.0 45.5 136.4#



#93

1,2,4-Trichlorobenzene

Concen: 6.014 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN051598.D

Acq: 27 Sep 2018 21:46

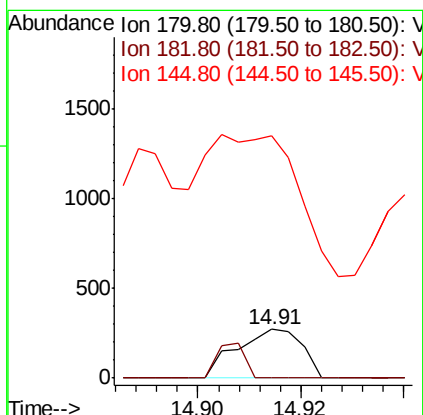
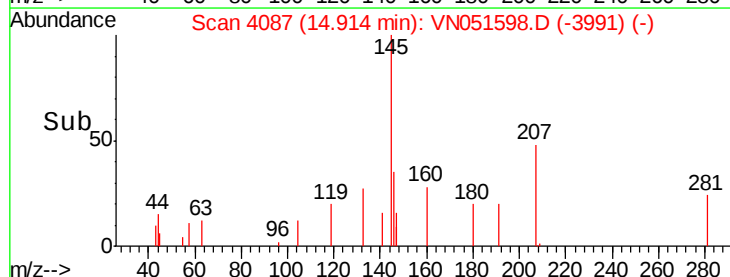
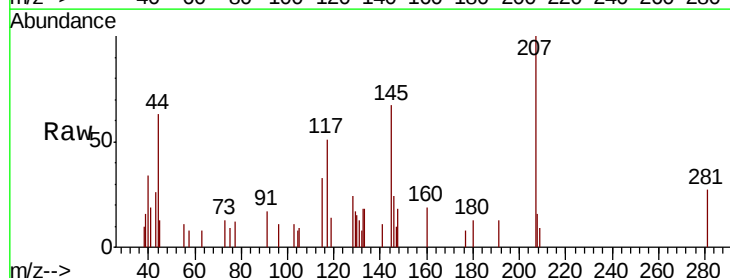
Tgt Ion:180 Resp: 237

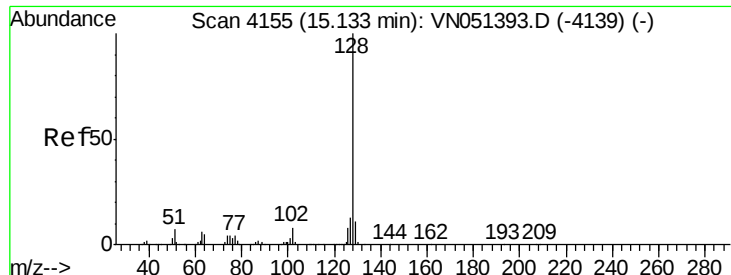
Ion Ratio Lower Upper

180 100

182 30.4 48.5 145.6#

145 402.1 14.1 42.4#





#95

Naphthalene

Concen: 9.265 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051598.D

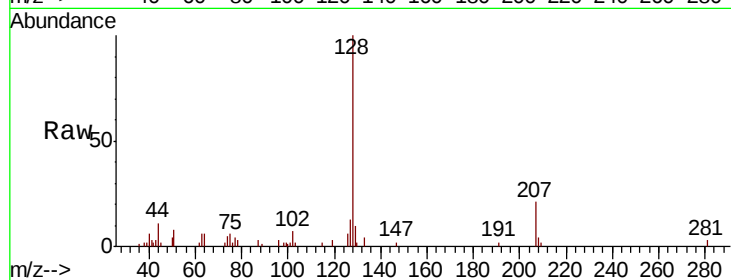
Acq: 27 Sep 2018 21:46

Instrument :

MSVOA_N

ClientSampleId :

CA-SOIL-2



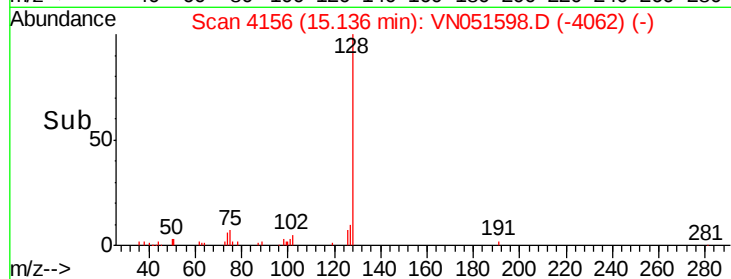
Tot Ion:128 Resp: 18328

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

