

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009801.D
 Acq On : 22 May 2019 14:00
 Operator : JC/SP
 Sample : K2978-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-SOIL

Quant Time: May 23 07:15:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102986	50.00	ug/l	0.00

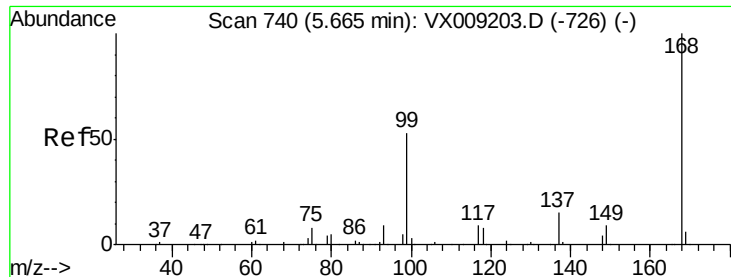
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115352	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.49	113	83606	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.71	98	346966	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	115728	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	

Target Compounds

						Qvalue
10) Methyl Iodide	2.24	142	20	4.604	ug/l #	42
11) Tert butyl alcohol	3.04	59	1808	3.414	ug/l #	89
13) Acrolein	2.29	56	226	0.471	ug/l	89
14) Allyl chloride	2.86	41	14637	3.820	ug/l #	33
16) Acetone	2.44	43	10715	8.723	ug/l	96
17) Carbon Disulfide	2.57	76	4608	1.044	ug/l	95
18) Methyl Acetate	2.78	43	3713	1.271	ug/l	99
20) Methylene Chloride	2.86	84	268944	135.223	ug/l	96
25) 2-Butanone	4.68	43	8720	4.568	ug/l	97
28) Bromochloromethane	5.01	49	92	Below Cal	#	20
29) Tetrahydrofuran	5.14	42	1636	1.332	ug/l #	69
30) Chloroform	5.21	83	1046	0.318	ug/l	90
31) Cyclohexane	5.65	56	4044	1.196	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13254	5.268	ug/l #	51
37) Ethyl Acetate	4.68	43	8720	2.487	ug/l #	71
38) Carbon Tetrachloride	5.67	117	15705	6.870	ug/l #	16
40) Benzene	6.15	78	2254	0.289	ug/l #	88
43) Isopropyl Acetate	6.45	43	11019	1.965	ug/l	99
48) Methyl methacrylate	7.68	41	6811	2.448	ug/l #	18
49) 1,4-Dioxane	7.87	88	256	4.537	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	77863	21.244	ug/l #	51
52) Toluene	8.79	92	1659	0.350	ug/l	91
54) cis-1,3-Dichloropropene	8.62	75	32300	10.120	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	6732	1.981	ug/l #	44
59) 2-Hexanone	9.44	43	11669	4.054	ug/l #	26
74) N-amyl acetate	10.83	43	1210	0.277	ug/l #	61
76) 1,2,3-Trichloropropane	11.13	75	60024	25.126	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	60024	64.289	ug/l #	10
95) Naphthalene	13.83	128	3082	0.410	ug/l #	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

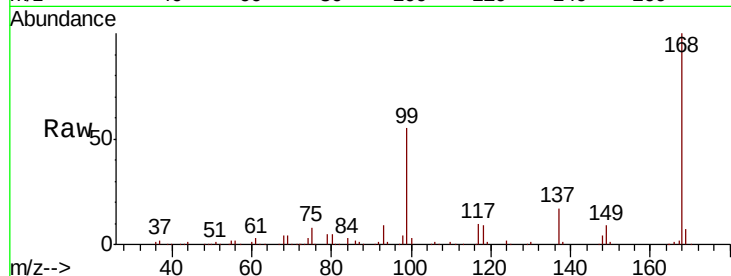
RO-SOIL

Tot Ion:168 Resp: 167576

Ion Ratio Lower Upper

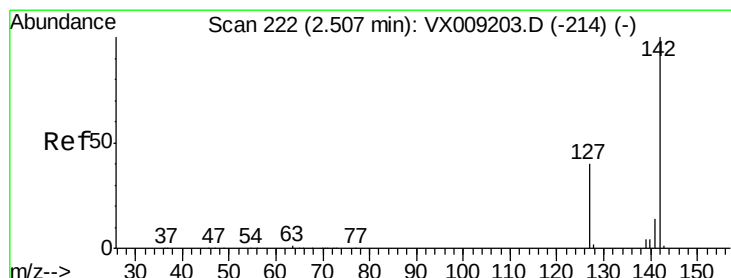
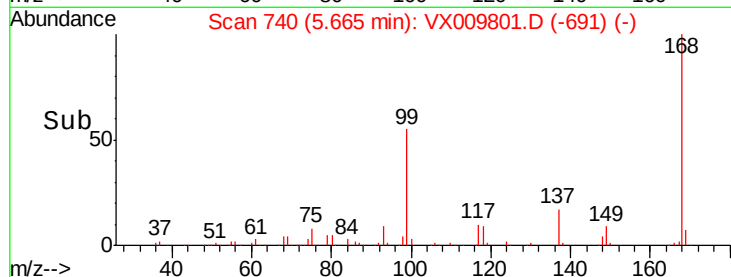
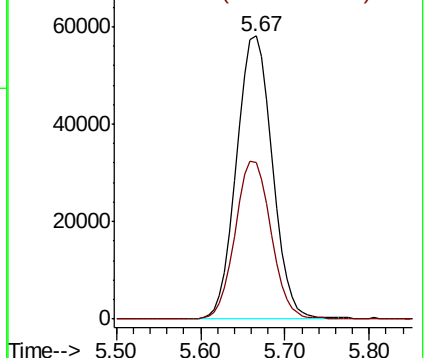
168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.604 ug/l

RT: 2.24 min Scan# 178

Delta R.T. -0.27 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

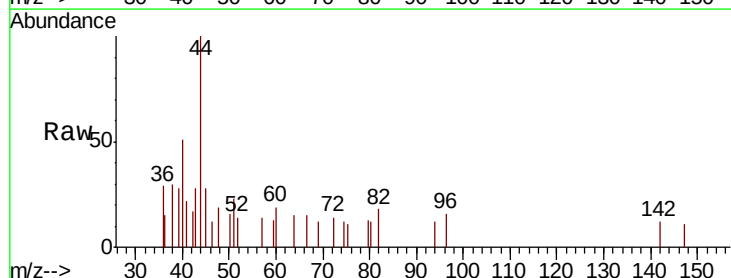
Tgt Ion:142 Resp: 20

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

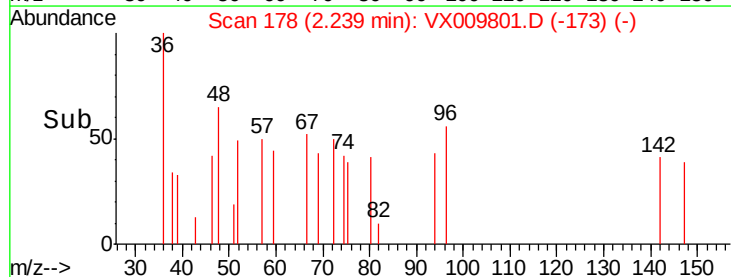
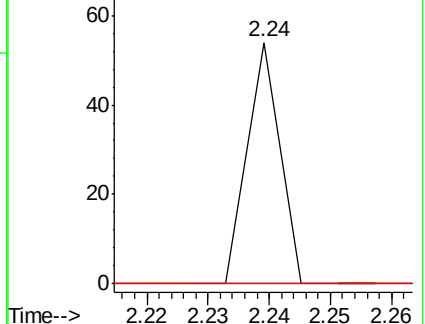
141 0.0 11.5 17.3#

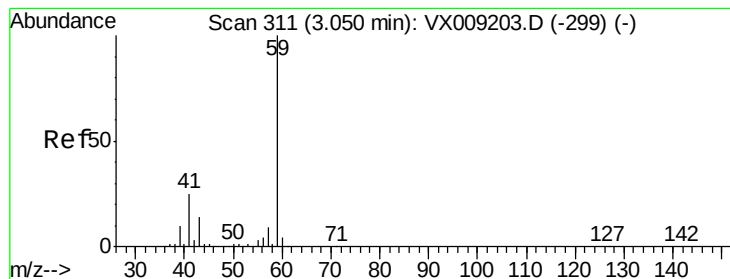


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 3.414 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampled :

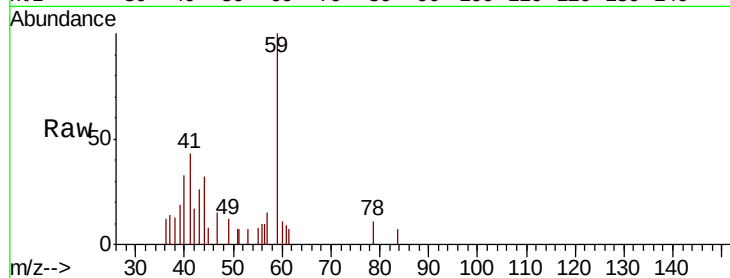
RO-SOIL

Tot Ion: 59 Resp: 1808

Ion Ratio Lower Upper

59 100

57 14.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

800

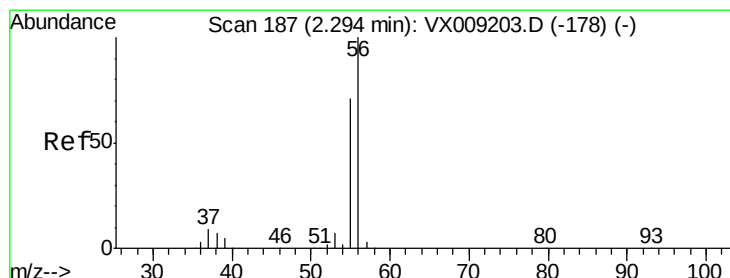
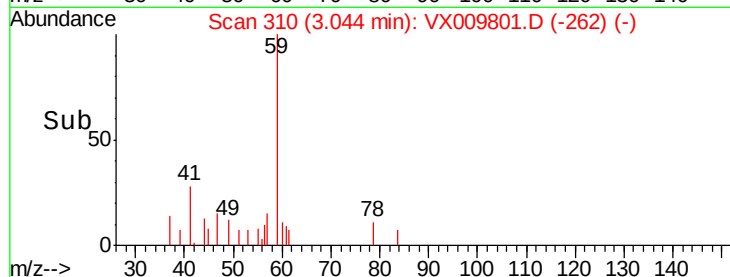
600

400

200

0

Time-->



#13

Acrolein

Concen: 0.471 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009801.D

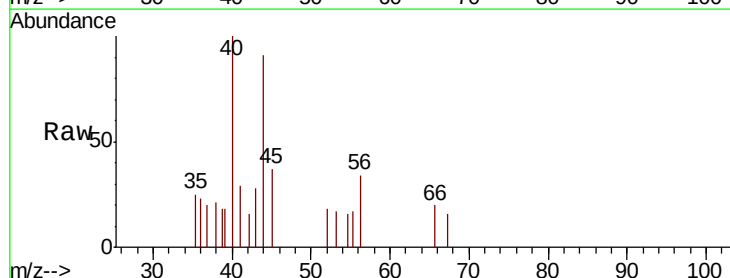
Acq: 22 May 2019 14:00

Tgt Ion: 56 Resp: 226

Ion Ratio Lower Upper

56 100

55 61.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

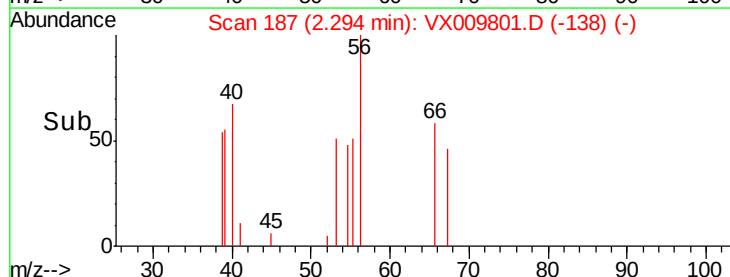
150

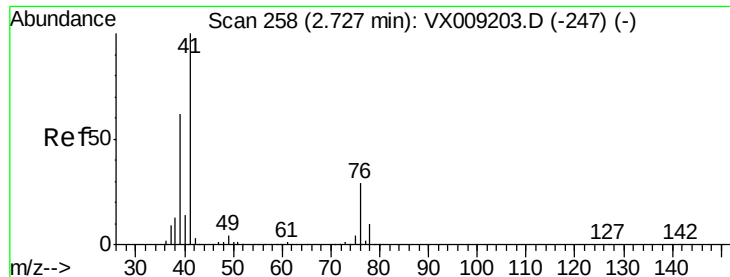
100

50

0

Time-->

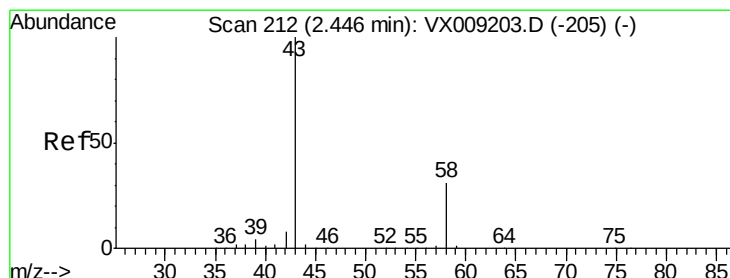
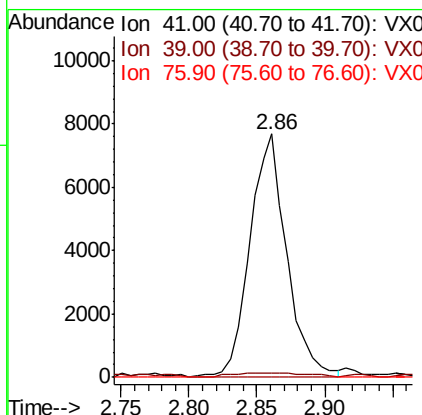
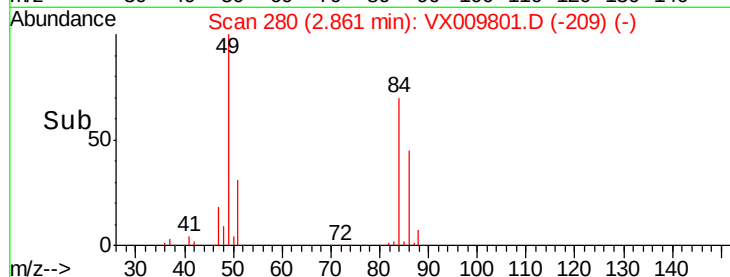
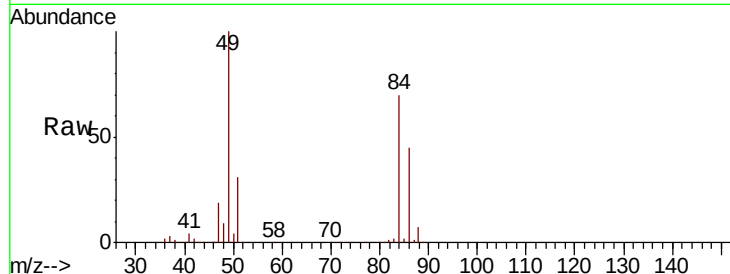




#14
Allvl chloride
Concen: 3.820 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

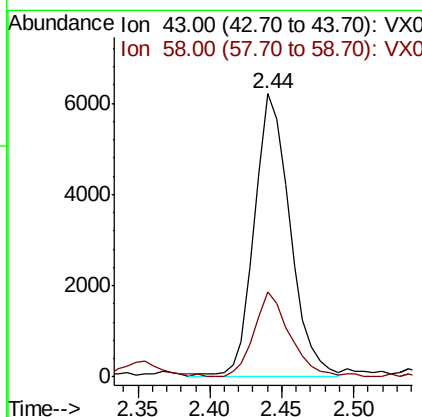
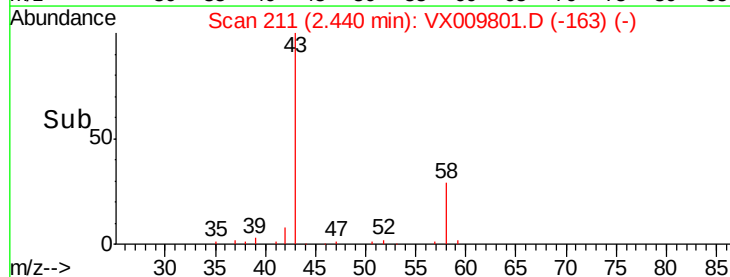
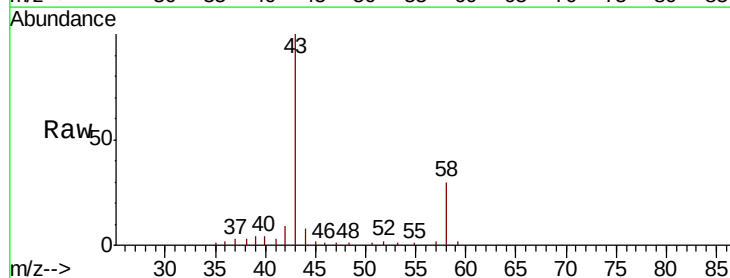
Instrument :
MSVOA_X
ClientSampled :
RO-SOIL

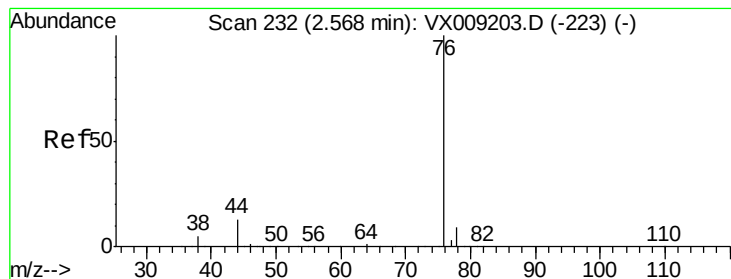
Tot Ion: 41 Resp: 14637
Ion Ratio Lower Upper
41 100
39 3.5 46.7 70.1#
76 0.0 21.8 32.8#



#16
Acetone
Concen: 8.723 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Tgt Ion: 43 Resp: 10715
Ion Ratio Lower Upper
43 100
58 29.0 24.9 37.3





#17

Carbon Disulfide

Concen: 1.044 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampled :

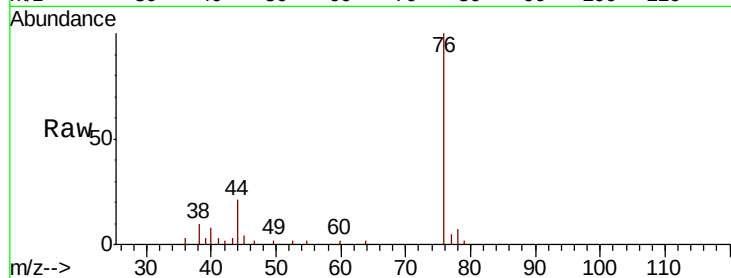
RO-SOIL

Tot Ion: 76 Resp: 4608

Ion Ratio Lower Upper

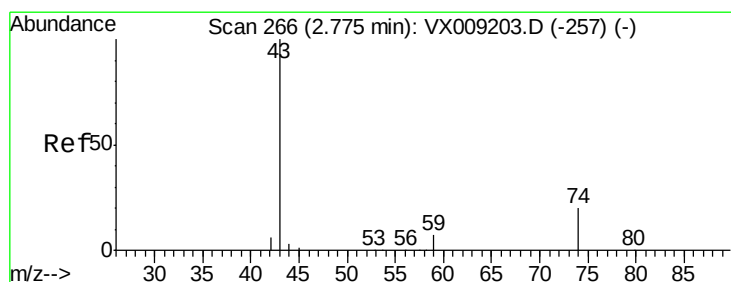
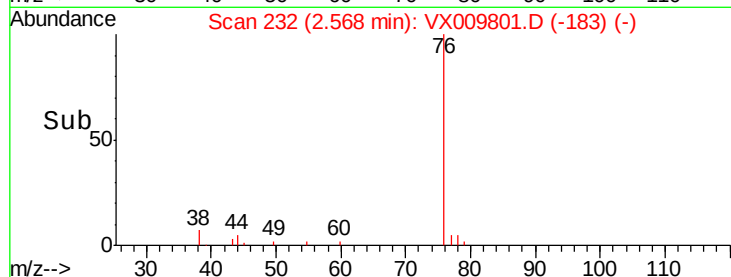
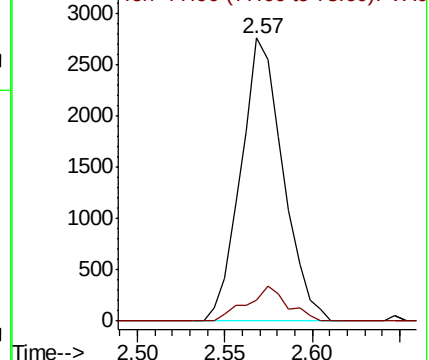
76 100

78 7.5 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.271 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009801.D

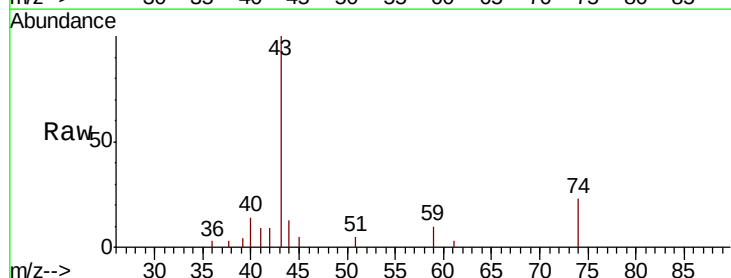
Acq: 22 May 2019 14:00

Tgt Ion: 43 Resp: 3713

Ion Ratio Lower Upper

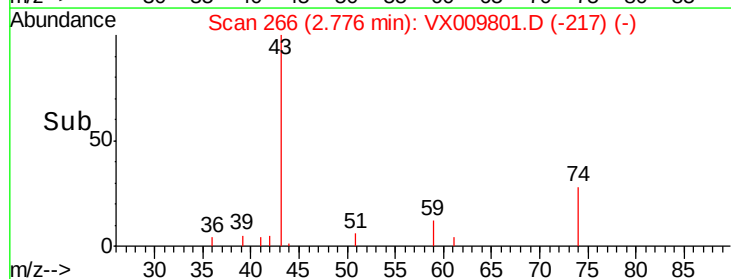
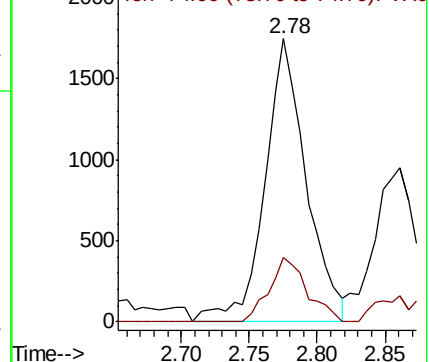
43 100

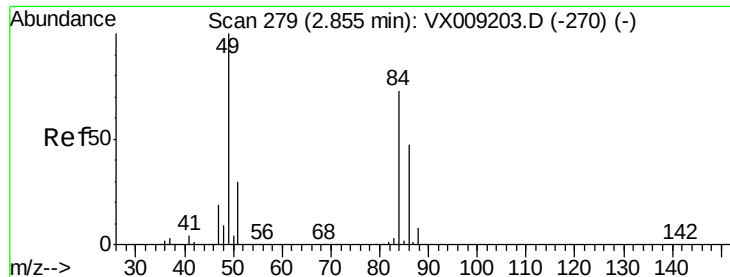
74 20.7 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

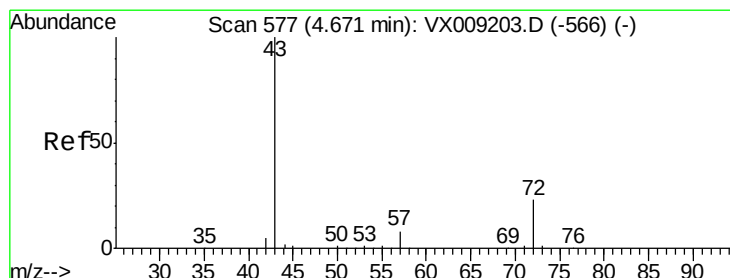
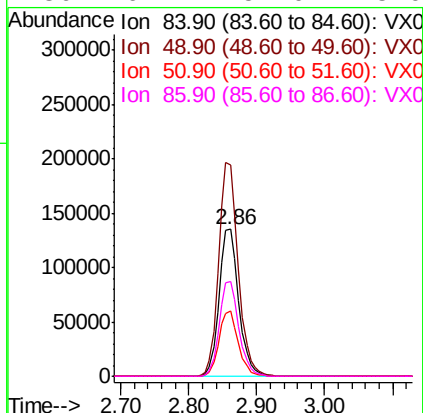
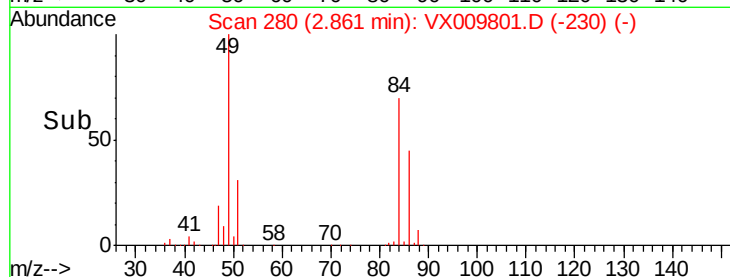
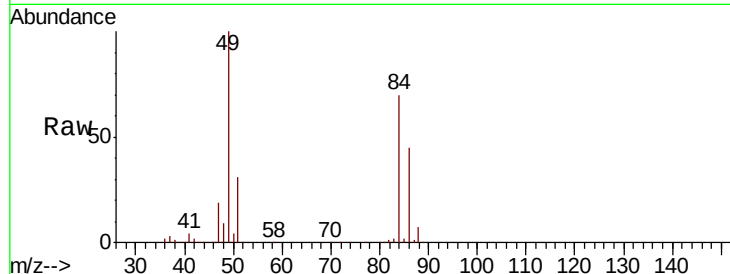




#20
Methvlene Chloride
Concen: 135.223 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

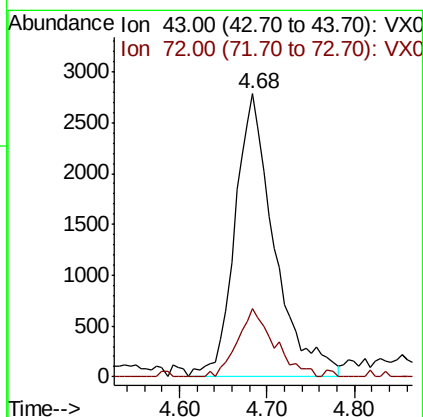
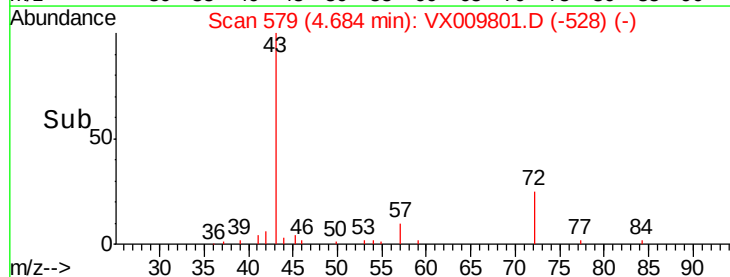
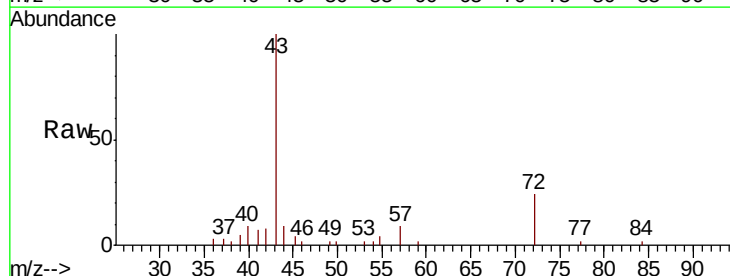
Instrument :
MSVOA_X
ClientSampleId :
RO-SOIL

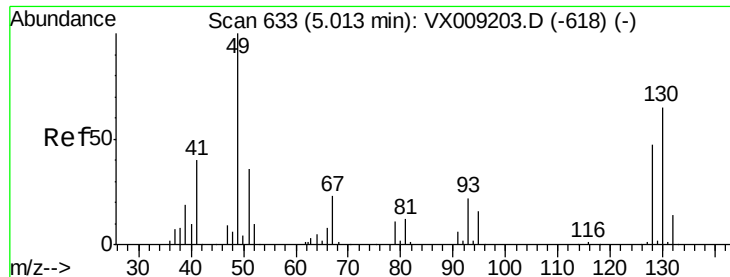
Tot Ion: 84 Resp: 268944
Ion Ratio Lower Upper
84 100
49 143.3 109.9 164.9
51 44.5 32.7 49.1
86 64.1 52.0 78.0



#25
2-Butanone
Concen: 4.568 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Tgt Ion: 43 Resp: 8720
Ion Ratio Lower Upper
43 100
72 24.1 18.2 27.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

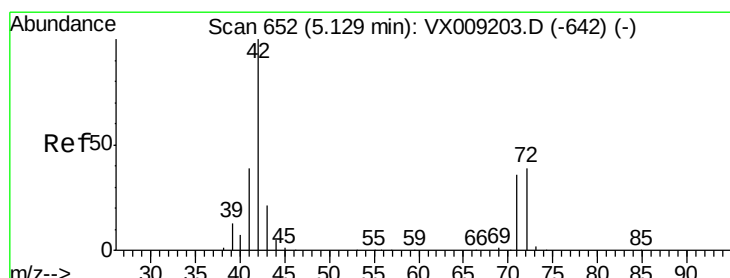
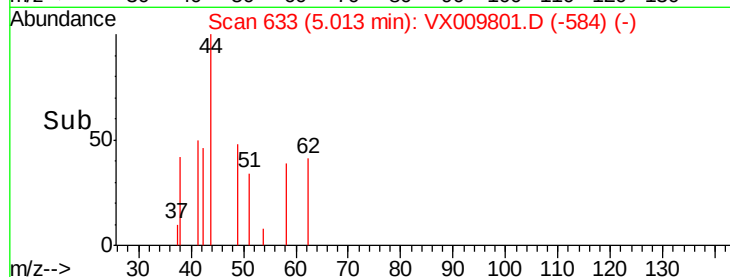
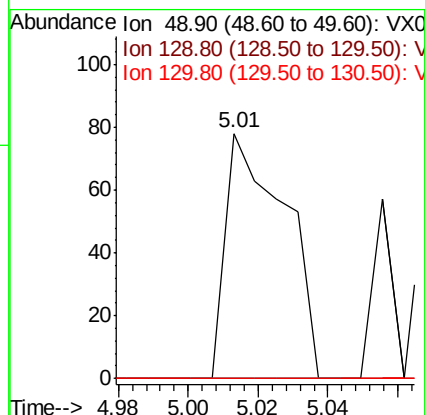
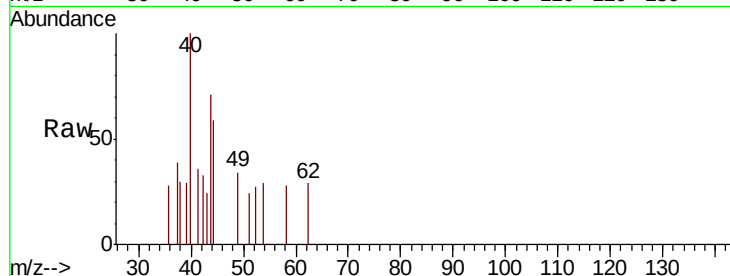
Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
RO-SOIL

Tot Ion: 49 Resp: 92

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



#29

Tetrahydrofuran

Concen: 1.332 ug/l

RT: 5.14 min Scan# 654

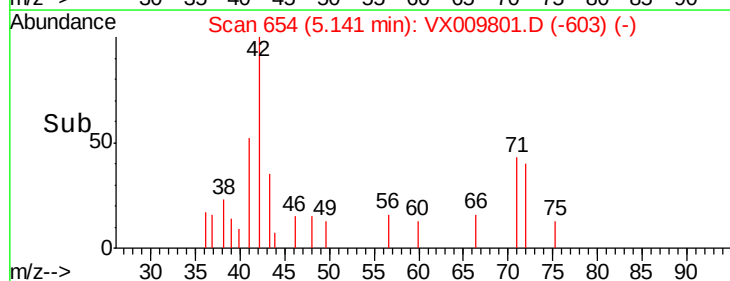
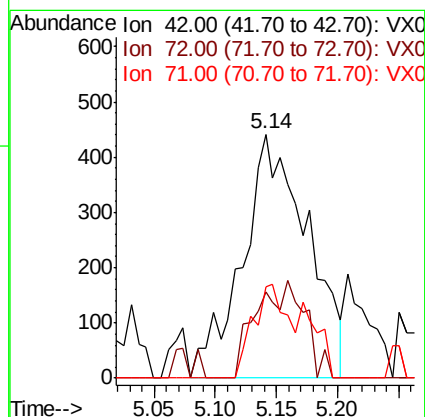
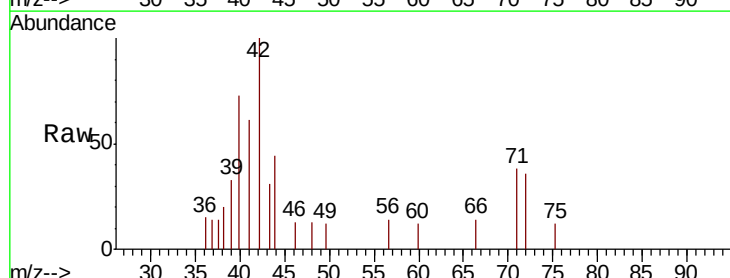
Delta R.T. 0.01 min

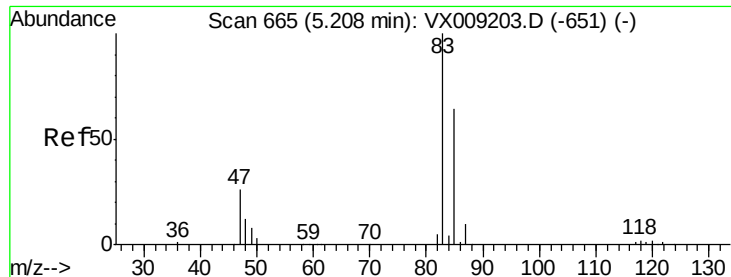
Lab File: VX009801.D

Acq: 22 May 2019 14:00

Tgt Ion: 42 Resp: 1636

Ion	Ratio	Lower	Upper
42	100		
72	16.5	30.4	45.6#
71	20.4	28.6	43.0#

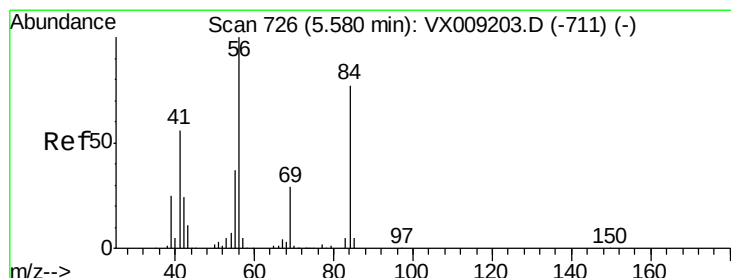
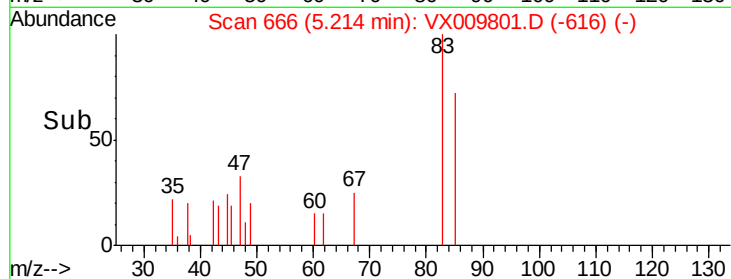
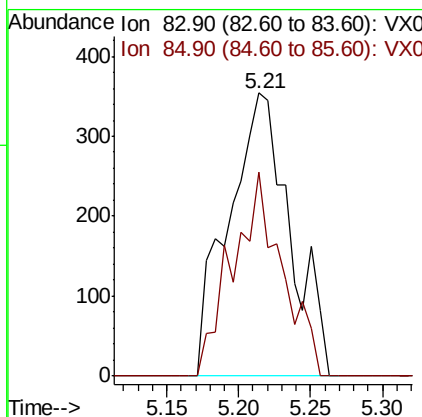
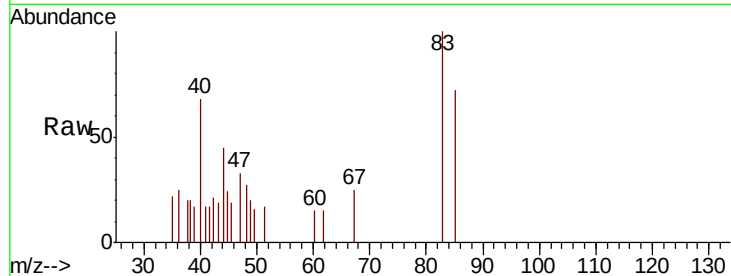




#30
Chloroform
Concen: 0.318 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

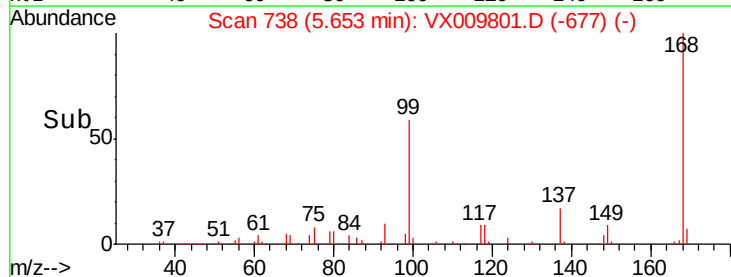
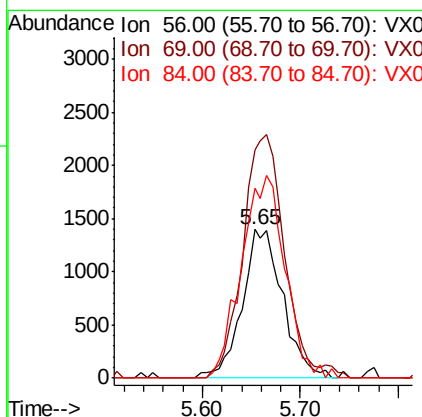
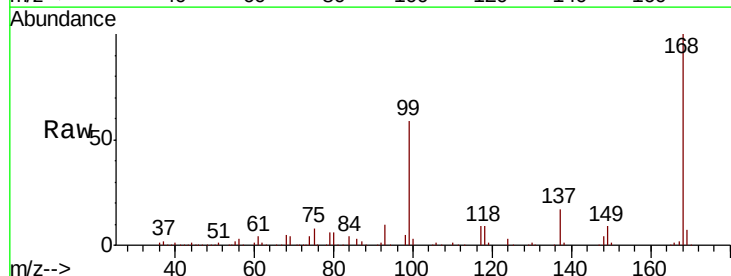
Instrument :
MSVOA_X
ClientSampled :
RO-SOIL

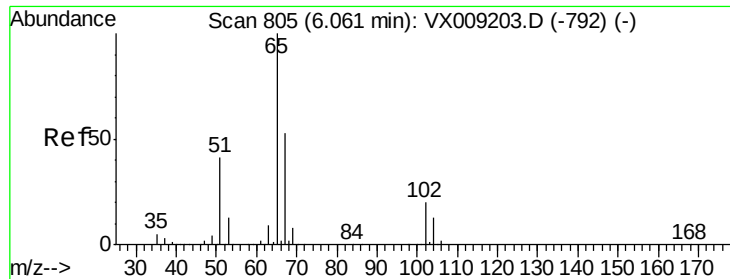
Tot Ion: 83 Resp: 1046
Ion Ratio Lower Upper
83 100
85 72.0 51.5 77.3



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Tgt Ion: 56 Resp: 4044
Ion Ratio Lower Upper
56 100
69 153.8 23.4 35.0#
84 128.0 61.9 92.9#

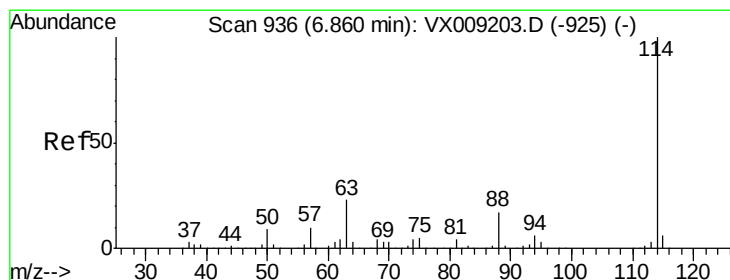
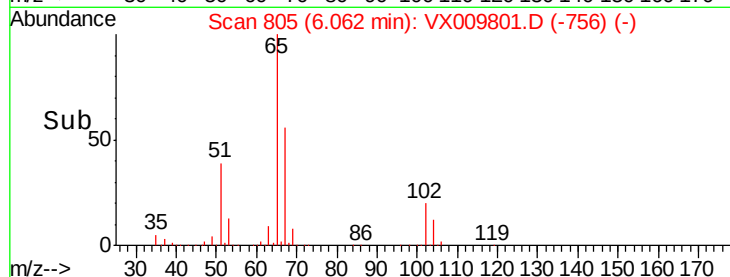
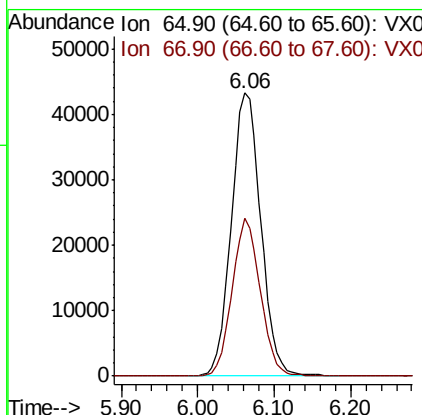
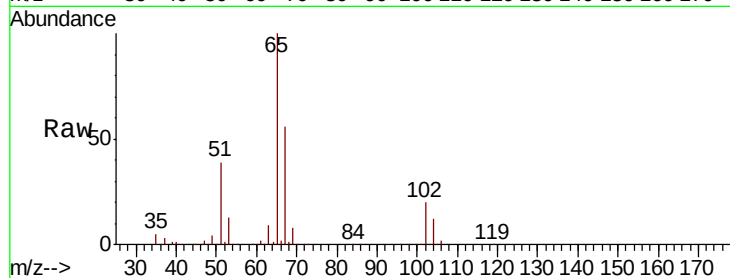




#33
 1,2-Dichloroethane-d4
 Concen: 50.425 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009801.D
 Acq: 22 May 2019 14:00

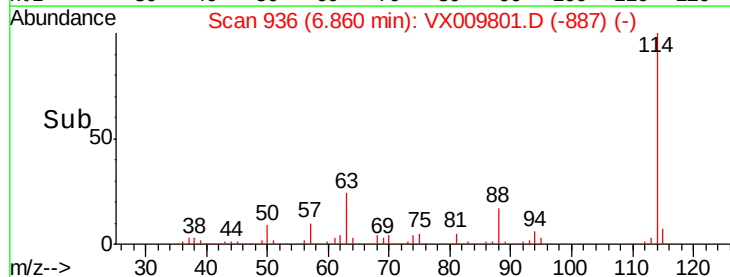
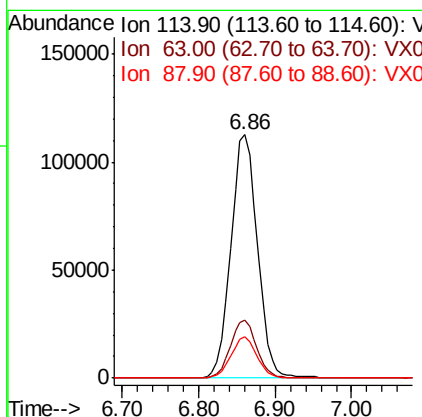
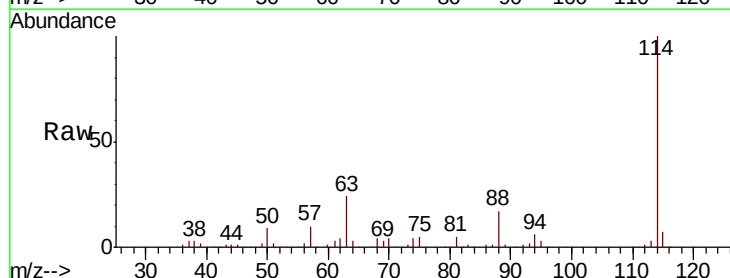
Instrument :
 MSVOA_X
 ClientSampleId :
 RO-SOIL

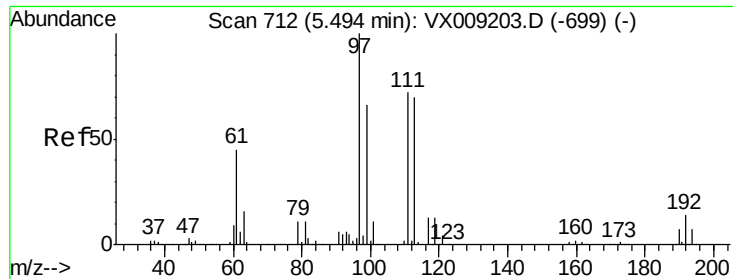
Tot Ion: 65 Resp: 115352
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009801.D
 Acq: 22 May 2019 14:00

Tgt Ion: 114 Resp: 270750
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.7 0.0 33.2

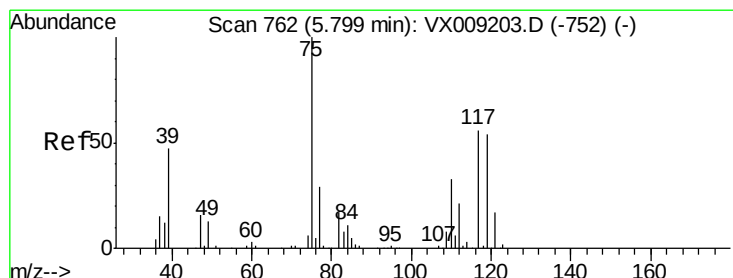
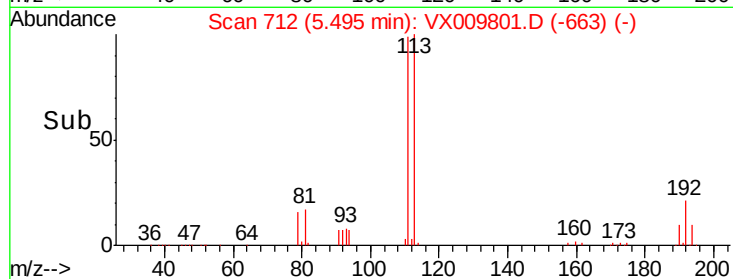
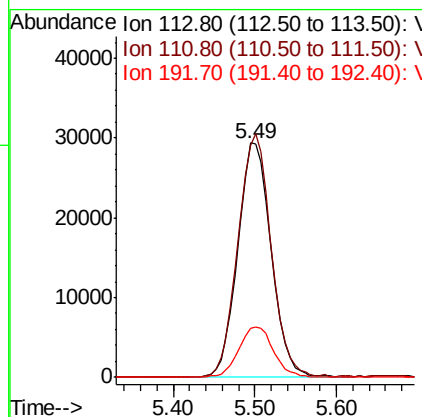
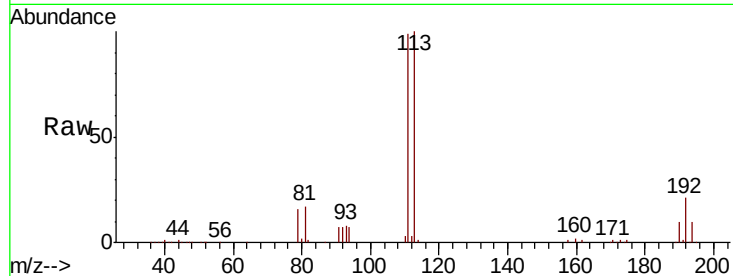




#35
 Dibromofluoromethane
 Concen: 49.121 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009801.D
 Acq: 22 May 2019 14:00

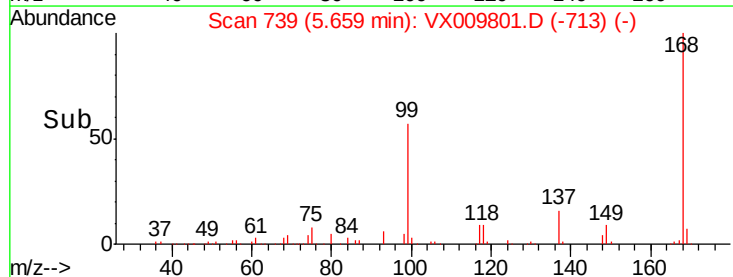
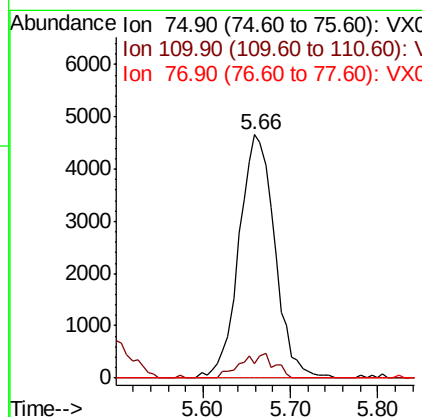
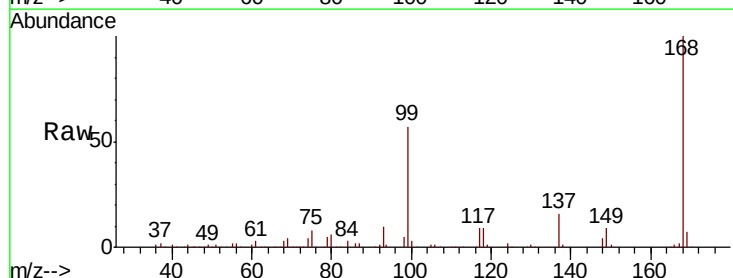
Instrument :
 MSVOA_X
 ClientSampleId :
 RO-SOIL

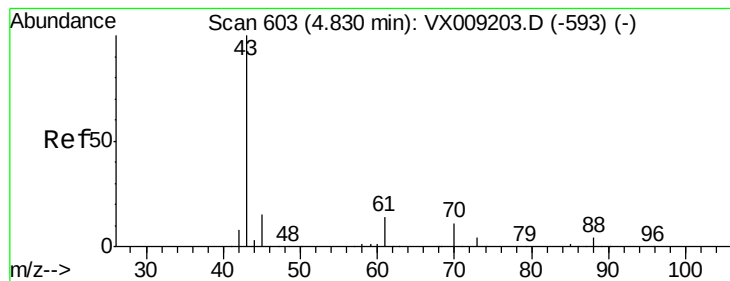
Tot Ion:113 Resp: 83606
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 22.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.268 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009801.D
 Acq: 22 May 2019 14:00

Tgt Ion: 75 Resp: 13254
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.9 50.6#
 77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.487 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.15 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

RO-SOIL

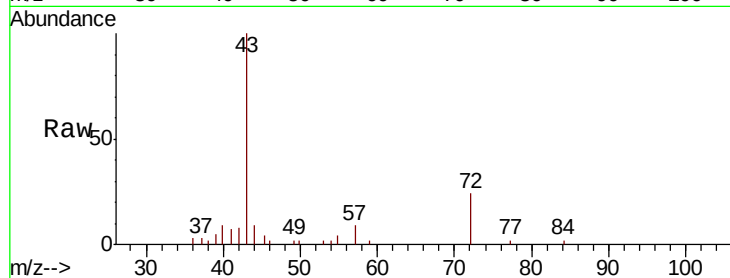
Tot Ion: 43 Resp: 8720

Ion Ratio Lower Upper

43 100

61 0.6 10.5 15.7#

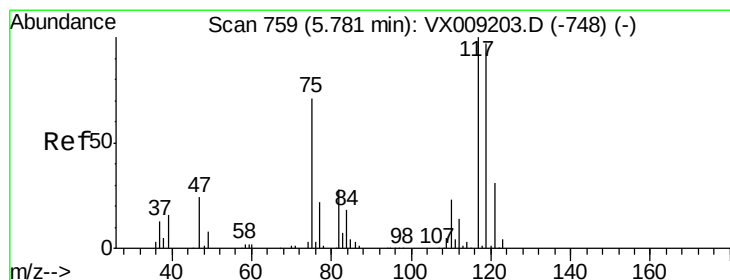
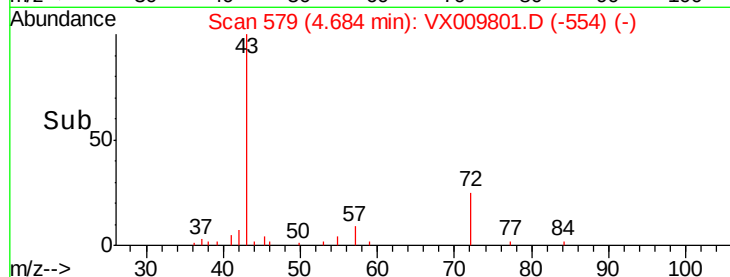
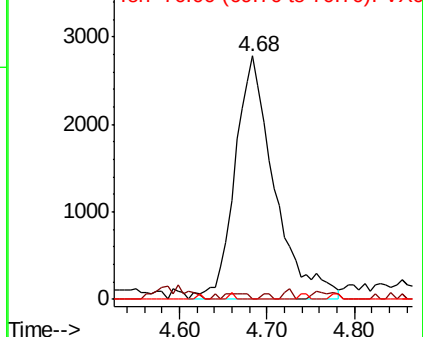
70 0.0 7.9 11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.870 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

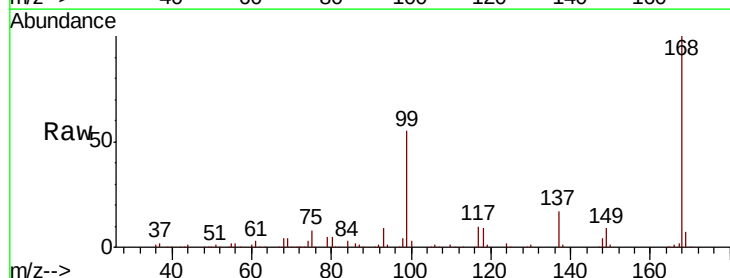
Tgt Ion: 117 Resp: 15705

Ion Ratio Lower Upper

117 100

119 5.4 77.5 116.3#

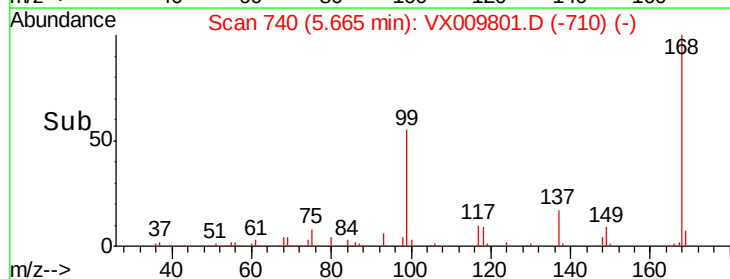
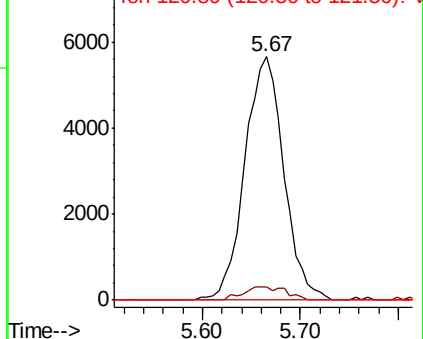
121 0.0 24.7 37.1#

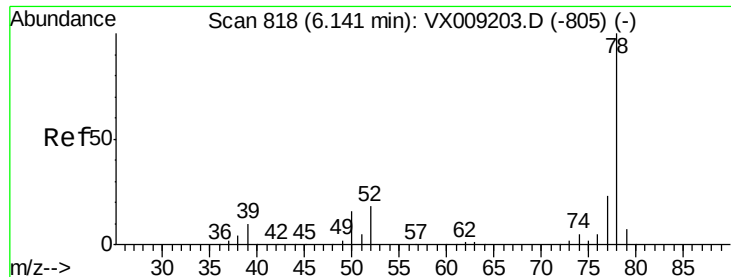


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.289 ug/l

RT: 6.15 min Scan# 820

Delta R.T. 0.01 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

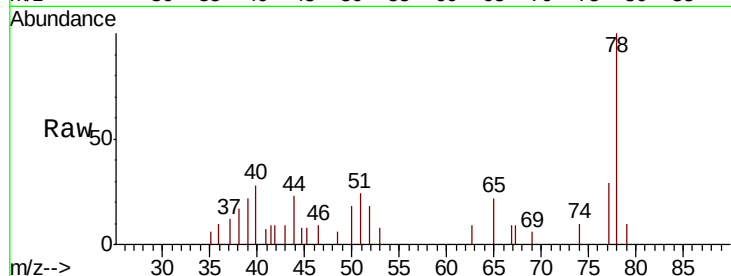
RO-SOIL

Tot Ion: 78 Resp: 2254

Ion Ratio Lower Upper

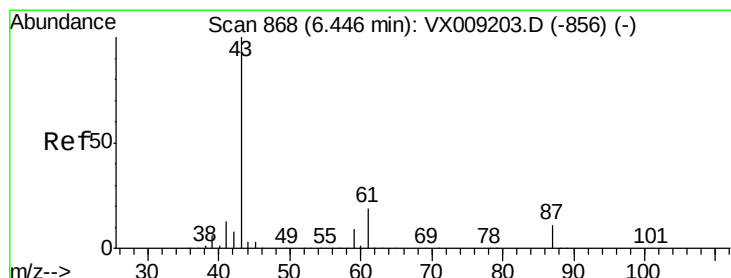
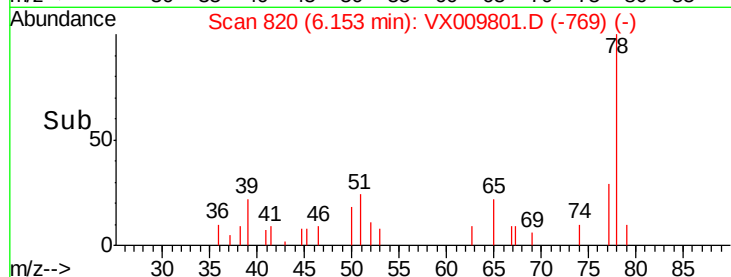
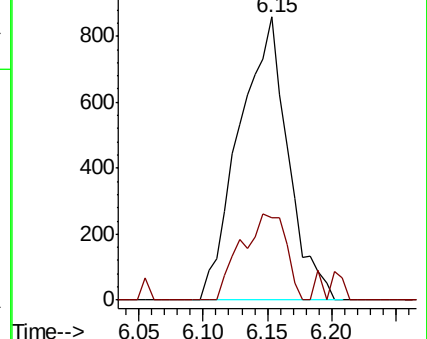
78 100

77 29.1 18.8 28.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 1.965 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

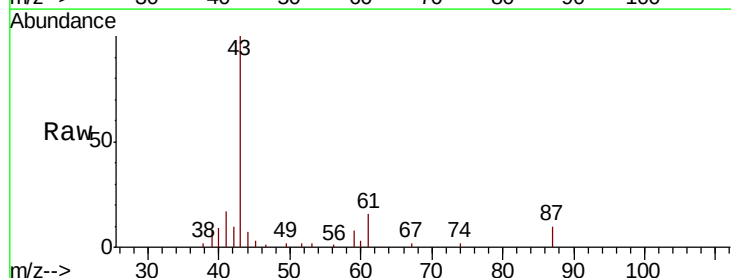
Tgt Ion: 43 Resp: 11019

Ion Ratio Lower Upper

43 100

61 19.2 15.1 22.7

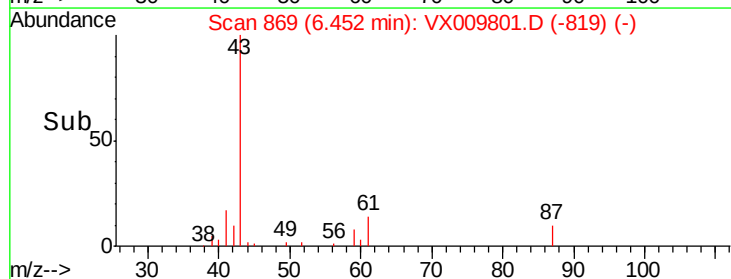
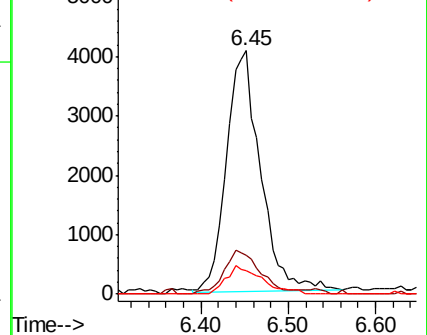
87 12.3 9.0 13.6

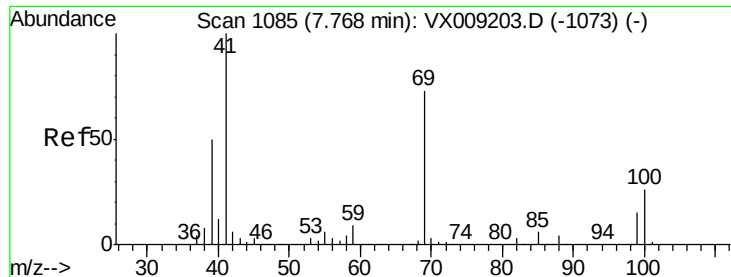


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#48

Methvl methacrylate

Concen: 2.448 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

RO-SOIL

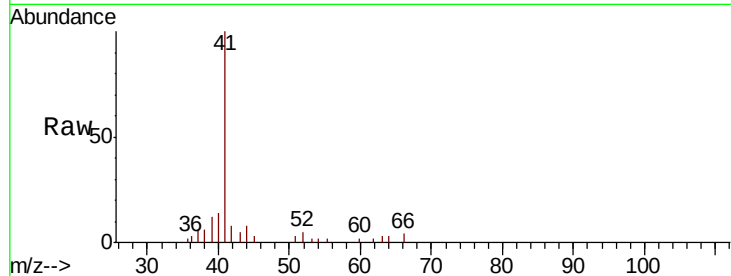
Tot Ion: 41 Resp: 6811

Ion Ratio Lower Upper

41 100

69 0.0 59.1 88.7#

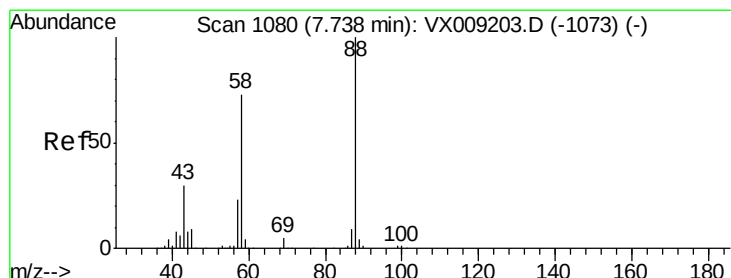
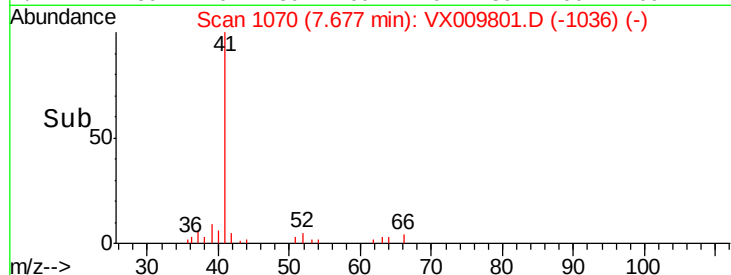
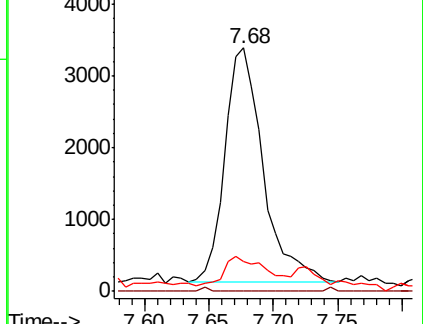
39 0.0 40.4 60.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 4.537 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

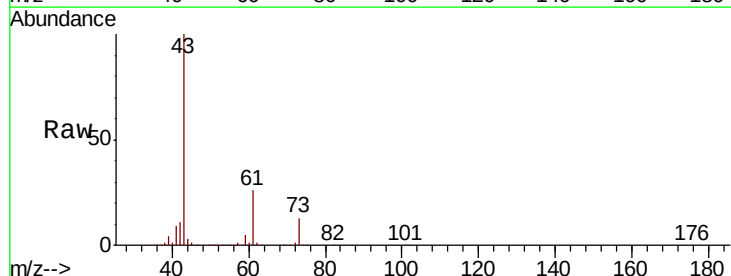
Tgt Ion: 88 Resp: 256

Ion Ratio Lower Upper

88 100

43 380575.0 28.6 42.8#

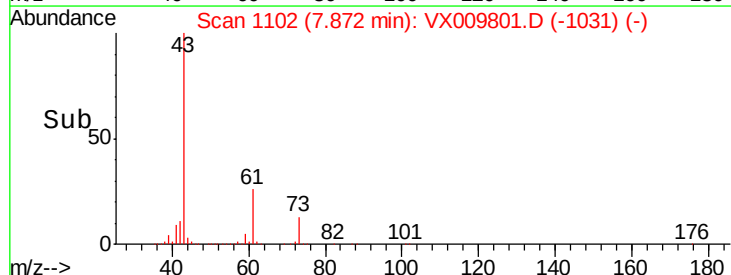
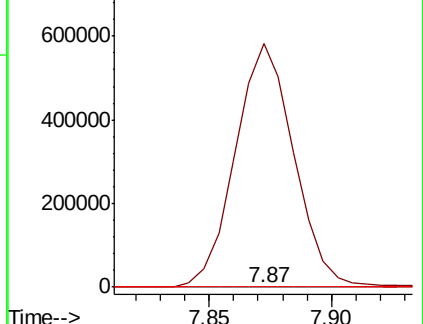
58 1560.5 61.7 92.5#

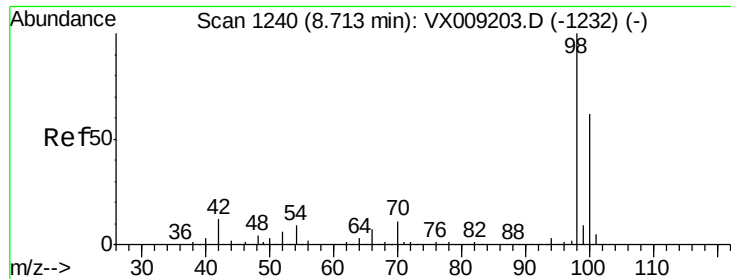


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

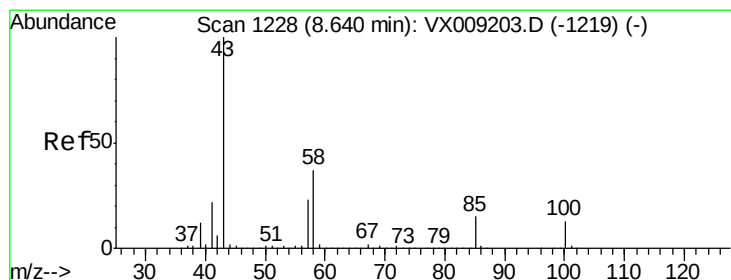
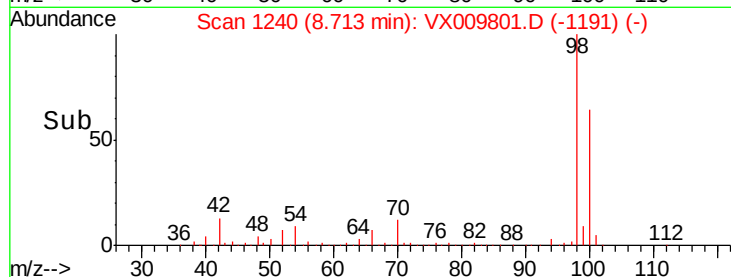
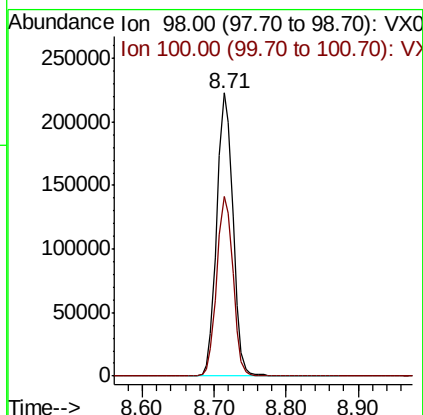
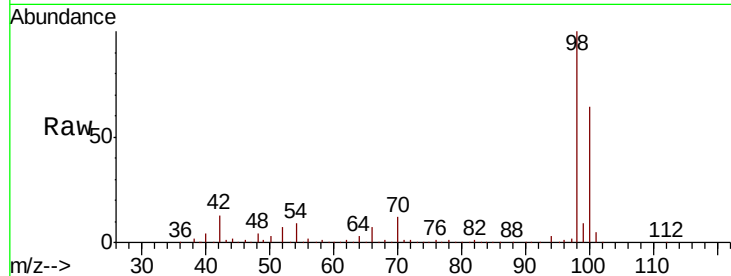




#50
Toluene-d8
Concen: 50.493 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

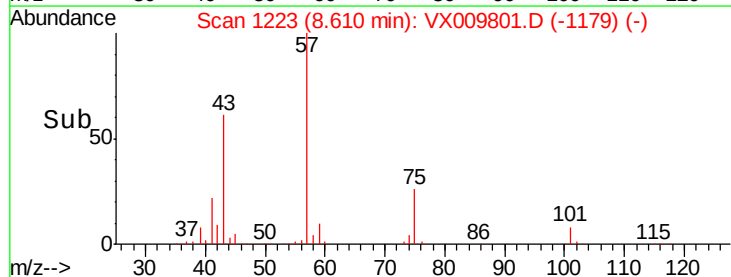
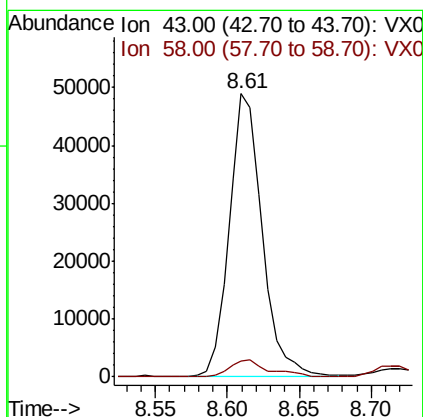
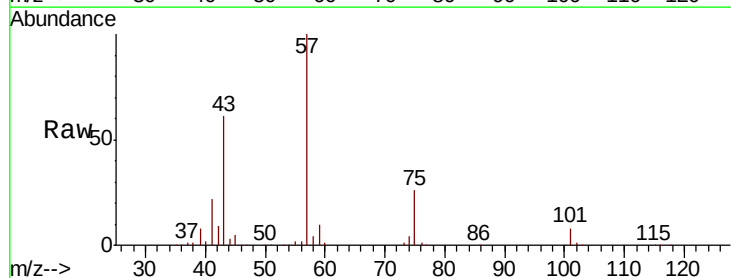
Instrument :
MSVOA_X
ClientSampled :
RO-SOIL

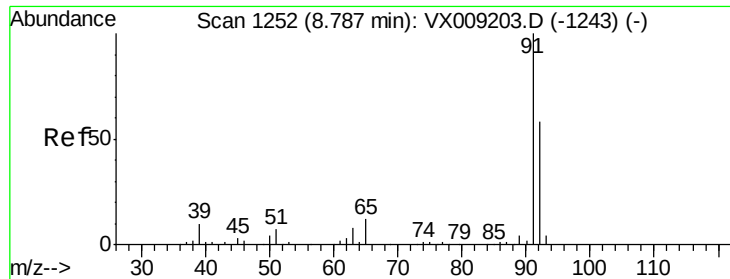
Tot Ion: 98 Resp: 346966
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 21.244 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Tgt Ion: 43 Resp: 77863
Ion Ratio Lower Upper
43 100
58 7.7 29.5 44.3#





#52

Toluene

Concen: 0.350 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampled :

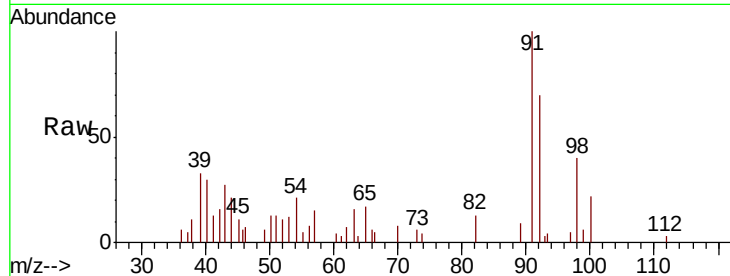
RO-SOIL

Tot Ion: 92 Resp: 1659

Ion Ratio Lower Upper

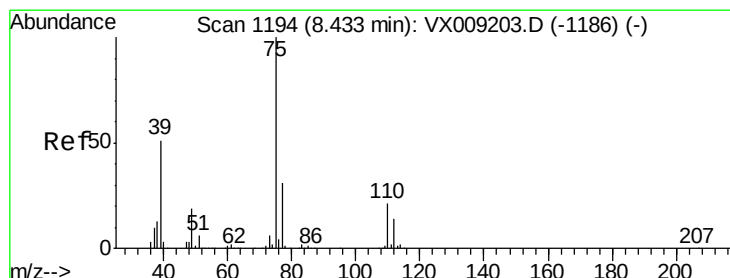
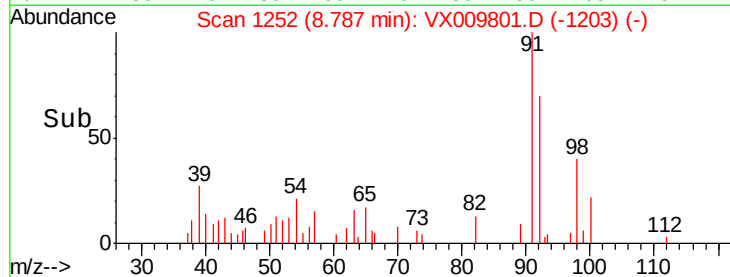
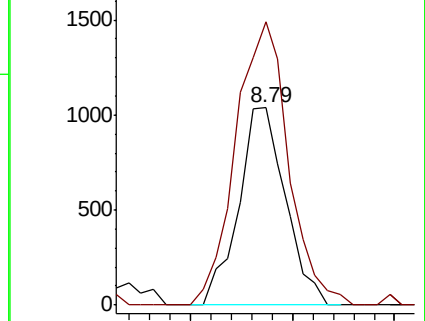
92 100

91 161.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 10.120 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

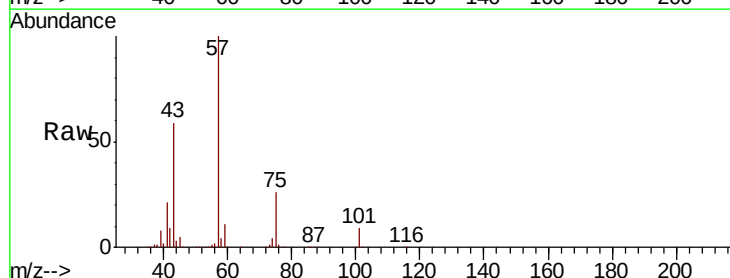
Tgt Ion: 75 Resp: 32300

Ion Ratio Lower Upper

75 100

77 0.4 24.6 36.8#

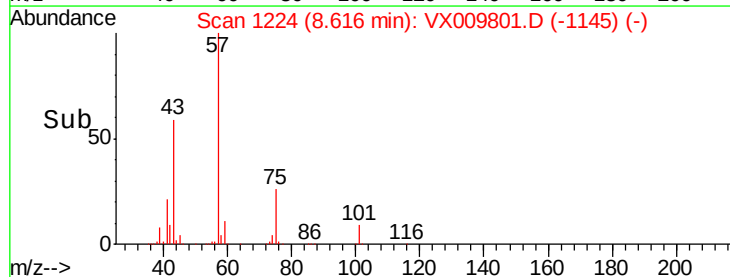
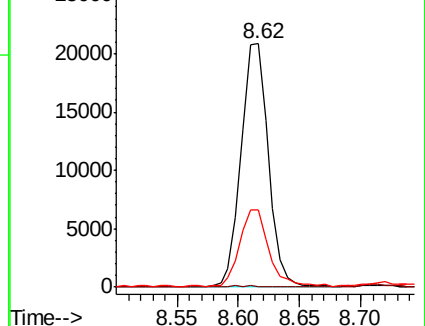
39 31.0 40.6 60.8#

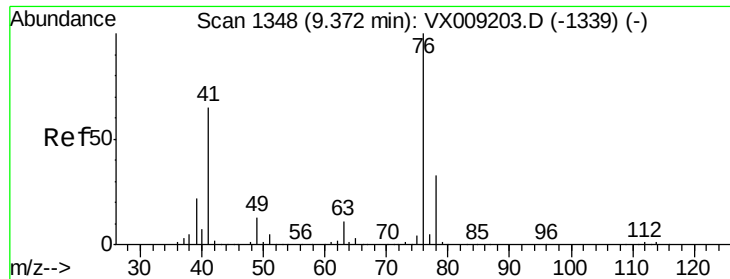


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

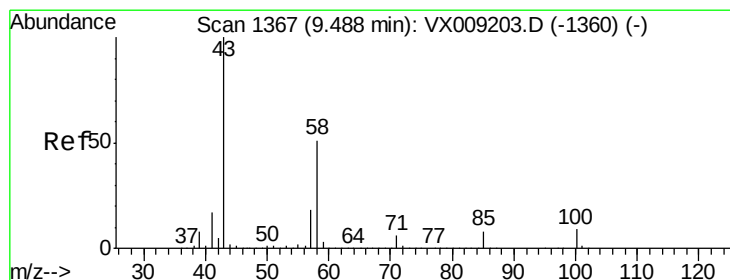
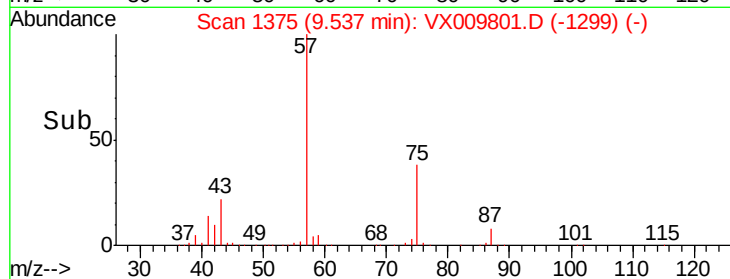
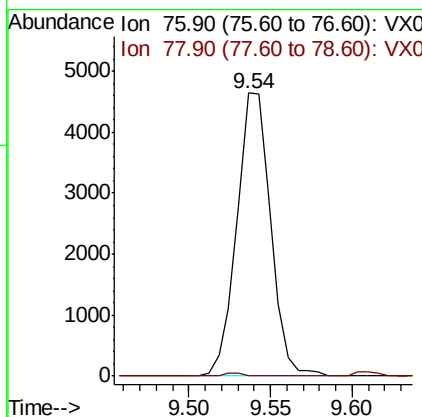
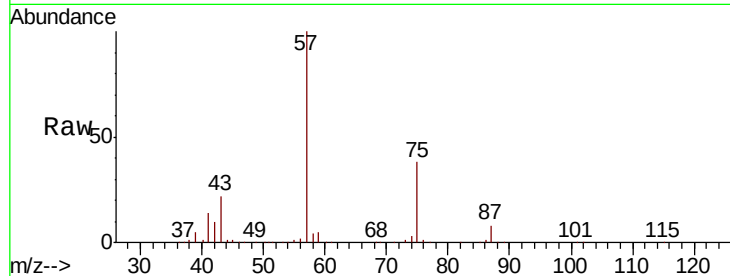




#57
 1,3-Dichloropropane
 Concen: 1.981 ug/l
 RT: 9.54 min Scan# 1375
 Delta R.T. 0.16 min
 Lab File: VX009801.D
 Acq: 22 May 2019 14:00

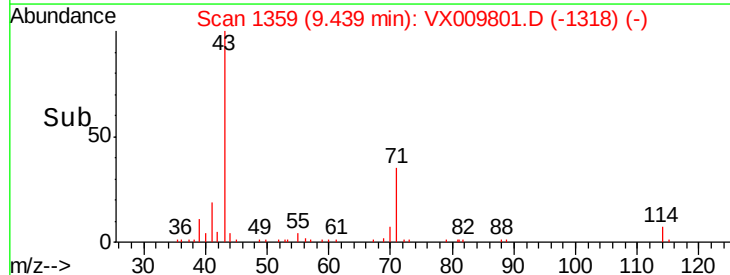
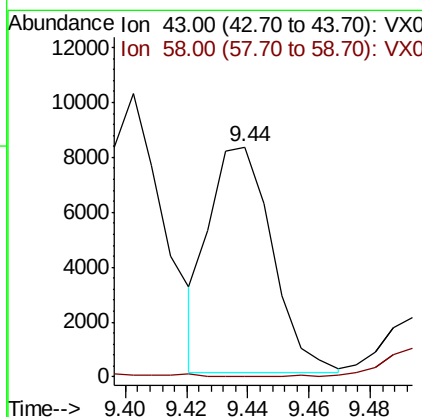
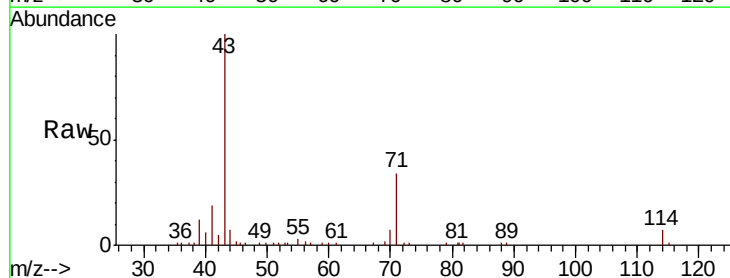
Instrument :
 MSVOA_X
 ClientSampled :
 RO-SOIL

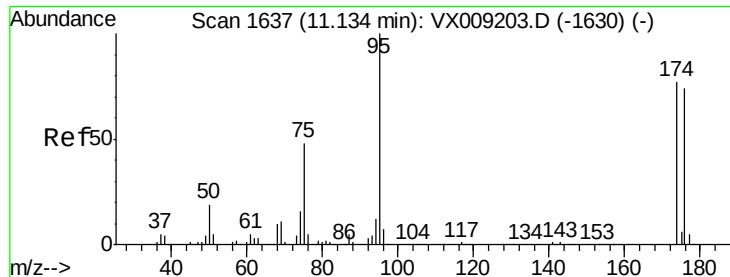
Tot Ion: 76 Resp: 6732
 Ion Ratio Lower Upper
 76 100
 78 0.6 25.5 38.3#



#59
 2-Hexanone
 Concen: 4.054 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX009801.D
 Acq: 22 May 2019 14:00

Tgt Ion: 43 Resp: 11669
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.9 77.7#





#62

4-Bromofluorobenzene

Concen: 46.349 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

RO-SOIL

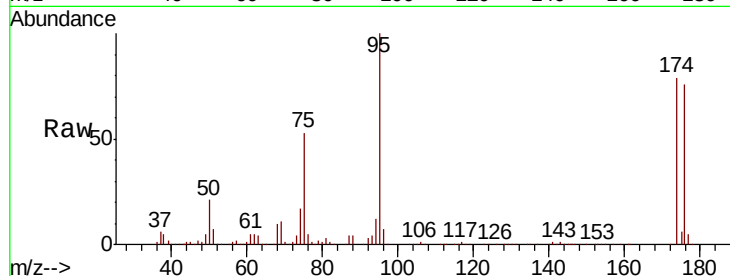
Tot Ion: 95 Resp: 115728

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

176 78.9 0.0 159.2

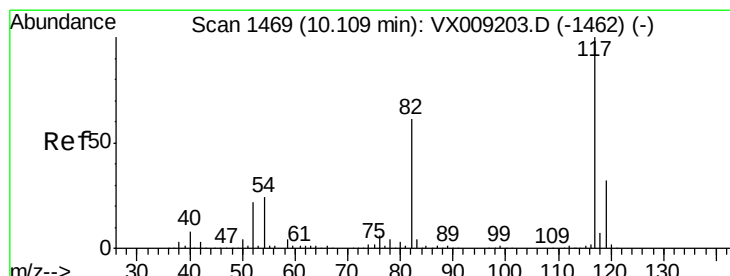
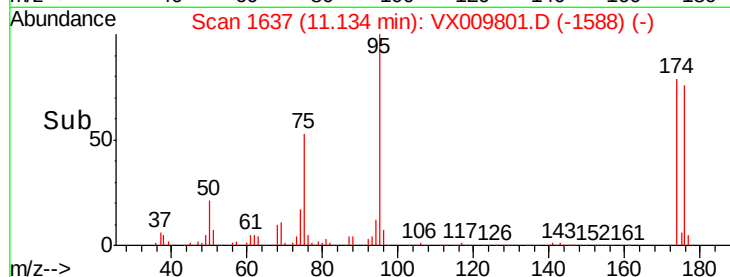
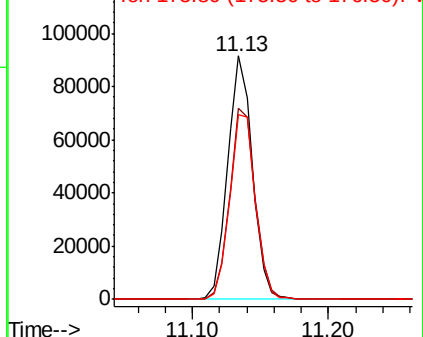


Abundance

Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

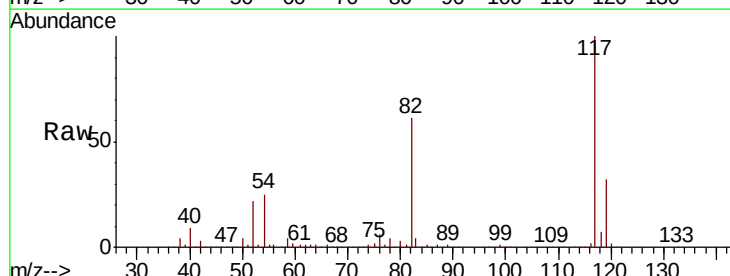
Tgt Ion: 117 Resp: 244462

Ion Ratio Lower Upper

117 100

82 60.7 48.8 73.2

119 32.5 25.8 38.6

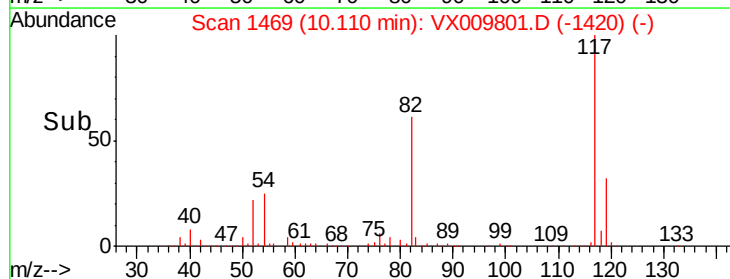
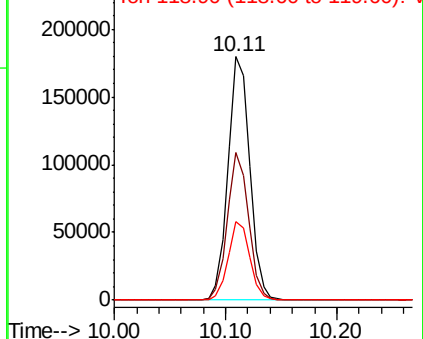


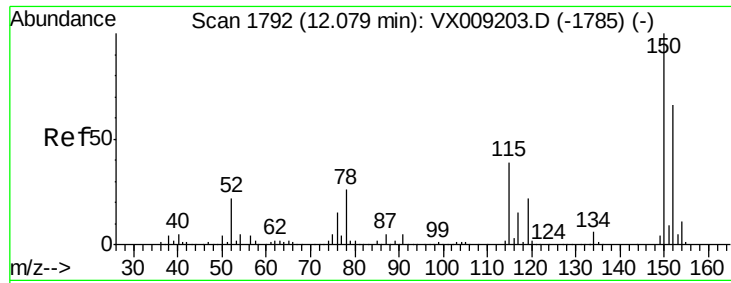
Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampleId :

RO-SOIL

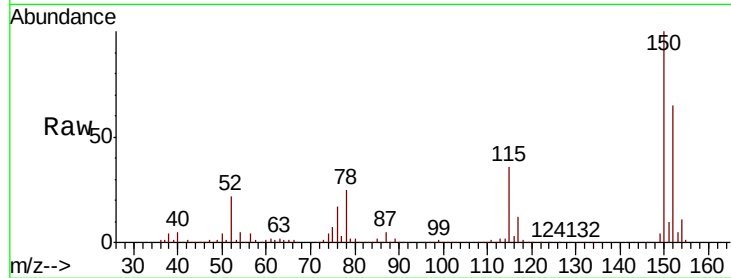
Tot Ion:152 Resp: 102986

Ion Ratio Lower Upper

152 100

115 59.5 41.2 123.6

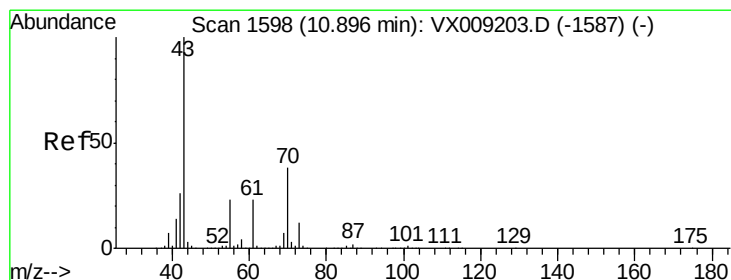
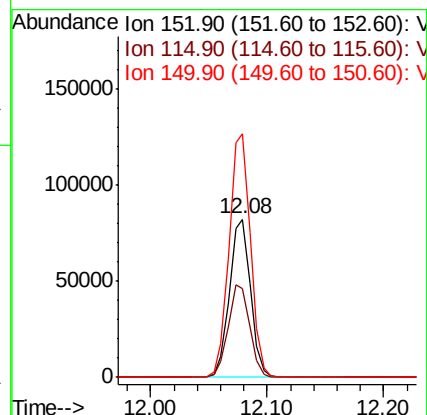
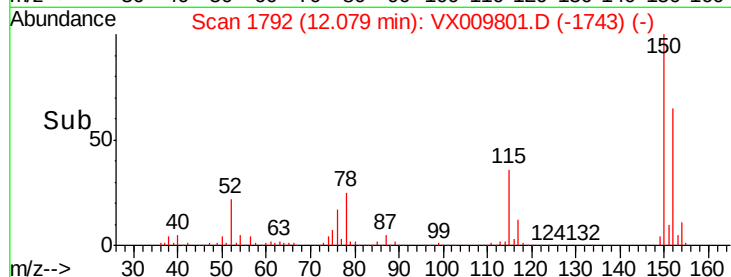
150 156.2 0.0 346.4



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-ethyl acetate

Concen: 0.277 ug/l

RT: 10.83 min Scan# 1587

Delta R.T. -0.07 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Tgt Ion: 43 Resp: 1210

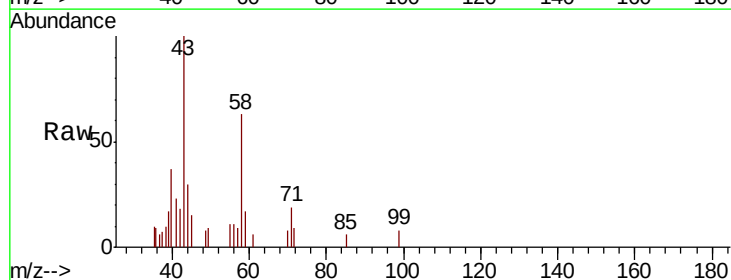
Ion Ratio Lower Upper

43 100

70 5.4 30.0 45.0#

55 25.0 17.9 26.9

61 0.0 18.4 27.6#

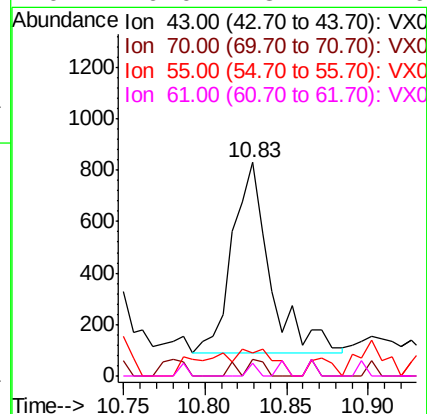
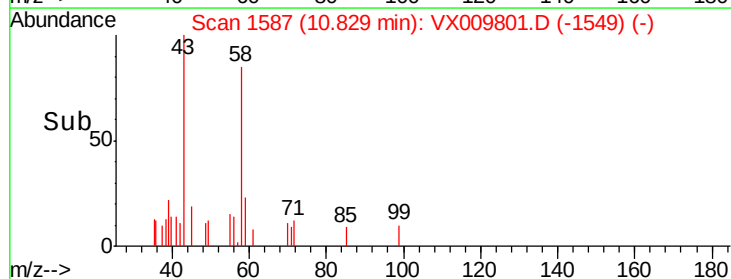


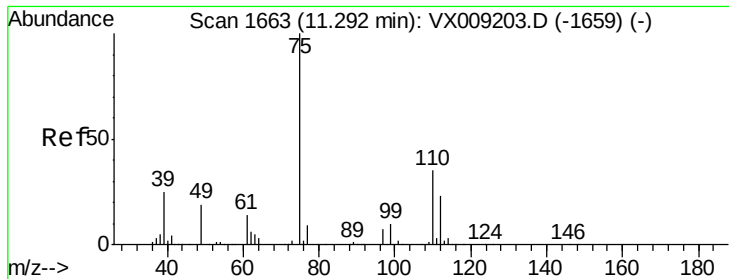
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 25.126 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

Instrument :

MSVOA_X

ClientSampled :

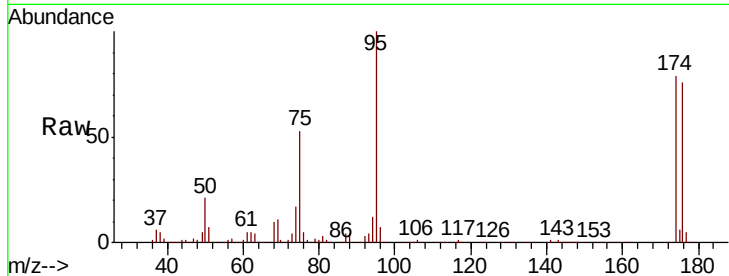
RO-SOIL

Tot Ion: 75 Resp: 60024

Ion Ratio Lower Upper

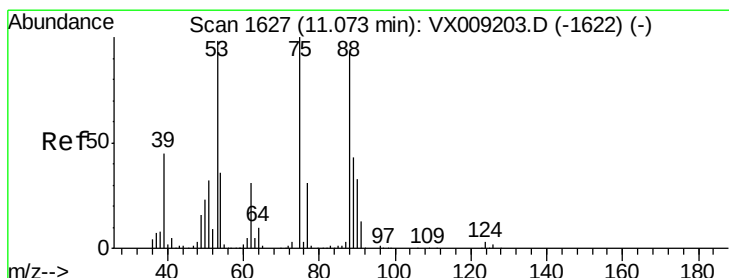
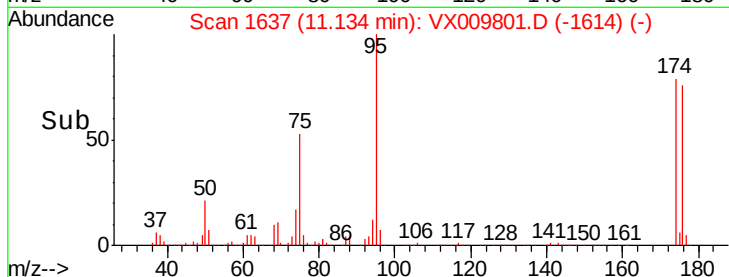
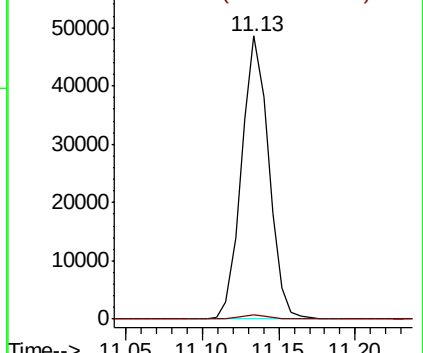
75 100

77 1.6 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 64.289 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009801.D

Acq: 22 May 2019 14:00

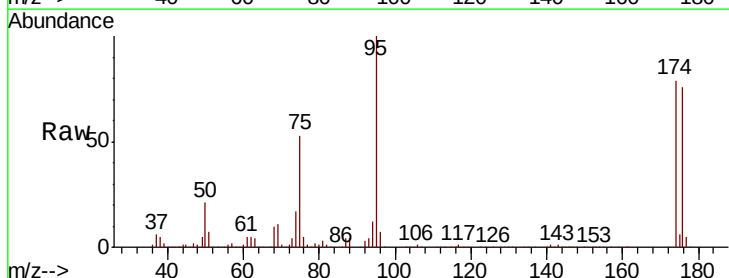
Tgt Ion: 75 Resp: 60024

Ion Ratio Lower Upper

75 100

53 0.2 79.0 118.6#

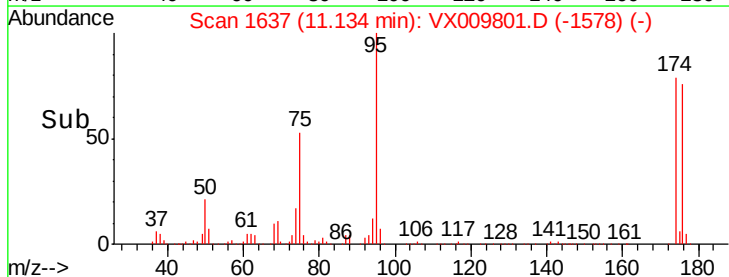
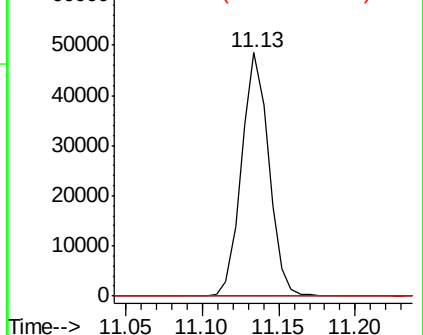
89 0.0 34.7 52.1#

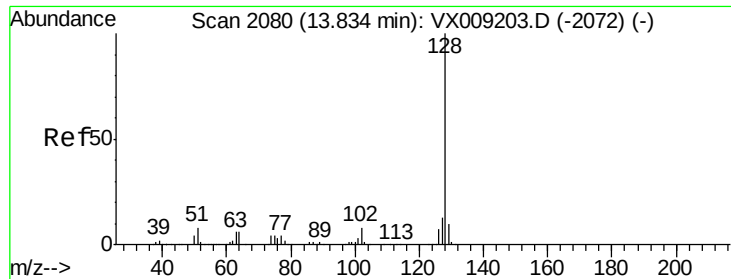


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

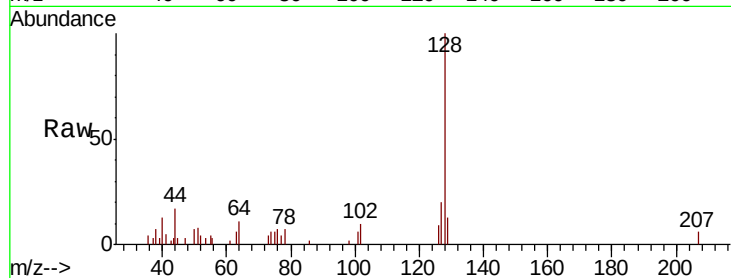




#95
Naphthalene
Concen: 0.410 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009801.D
Acq: 22 May 2019 14:00

Instrument :
MSVOA_X
ClientSampleId :
RO-SOIL

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.4	15.6#
129	10.9	8.6	13.0



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

