

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071019\
 Data File : VX010789.D
 Acq On : 10 Jul 2019 19:53
 Operator : JC/SP
 Sample : K3695-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-SAMPLE-3

Quant Time: Jul 11 01:18:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339764	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109494	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	5.50	113	103675	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	420215	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.13	95	147979	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

					Qvalue	
3) Chloromethane	1.33	50	582	0.337	ug/l	92
5) Bromomethane	1.65	94	737	0.799	ug/l	94
6) Chloroethane	1.74	64	240	0.215	ug/l #	53
11) Tert butyl alcohol	3.04	59	283	0.541	ug/l #	74
13) Acrolein	2.31	56	419	1.206	ug/l #	81
16) Acetone	2.44	43	8994	8.969	ug/l	94
17) Carbon Disulfide	2.57	76	1665	0.336	ug/l #	91
18) Methyl Acetate	2.78	43	2150	1.076	ug/l #	89
20) Methylene Chloride	2.86	84	35011	16.966	ug/l	99
25) 2-Butanone	4.67	43	1104	0.751	ug/l	97
29) Tetrahydrofuran	5.12	42	285	0.313	ug/l #	88
31) Cyclohexane	5.58	56	28349	9.809	ug/l	98
36) 1,1-Dichloropropene	5.67	75	14131	5.234	ug/l #	48
38) Carbon Tetrachloride	5.67	117	19363	6.623	ug/l #	16
39) Methylcyclohexane	7.46	83	230727	65.012	ug/l	96
43) Isopropyl Acetate	6.45	43	13125	2.856	ug/l	96
45) 1,2-Dichloropropane	7.46	63	2444	1.151	ug/l #	1
47) Bromodichloromethane	7.85	83	1228	0.440	ug/l #	53
48) Methyl methacrylate	7.73	41	4908	2.298	ug/l #	52
49) 1,4-Dioxane	7.68	88	20	0.325	ug/l #	28
51) 4-Methyl-2-Pentanone	8.66	43	6169	2.099	ug/l #	34
54) cis-1,3-Dichloropropene	8.62	75	30231	8.884	ug/l #	60
55) 1,1,2-Trichloroethane	9.16	97	46218	20.231	ug/l #	19
56) Ethyl methacrylate	9.16	69	9323	2.694	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	7337	2.069	ug/l #	45
59) 2-Hexanone	9.44	43	11211	4.847	ug/l #	22
68) m/p-Xylenes	10.36	106	7683	1.773	ug/l	96
73) Isopropylbenzene	11.02	105	90772	8.371	ug/l	98
74) N-amyl acetate	10.91	43	979	0.239	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	1221	0.340	ug/l #	42
76) 1,2,3-Trichloropropane	11.13	75	71783	24.624	ug/l #	33
78) n-propylbenzene	11.36	91	108900	9.137	ug/l	100
79) 2-Chlorotoluene	11.36	91	108900	15.345	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	180523	20.193	ug/l	98

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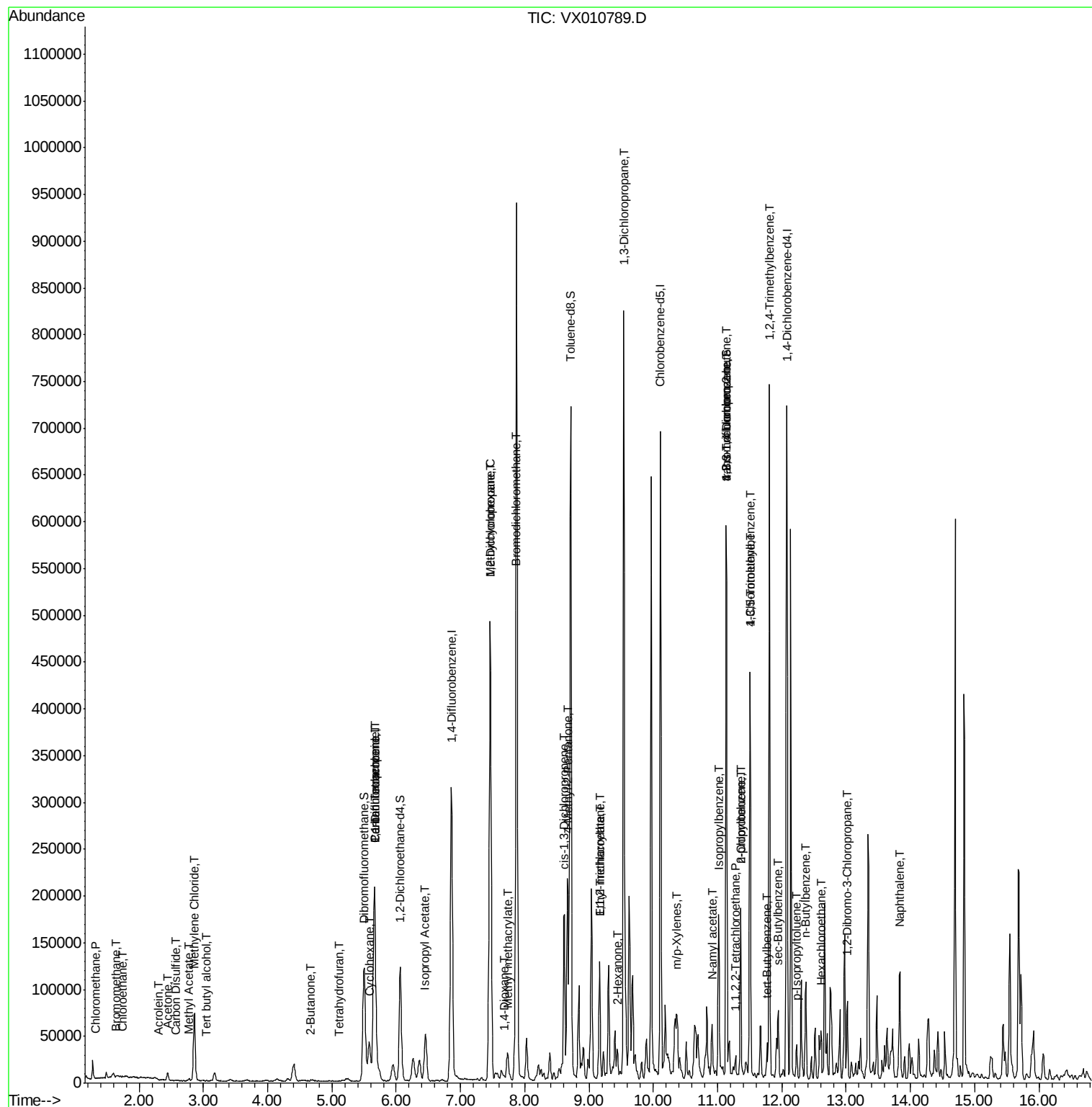
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	71783	57.446	ug/l #	16
82) 4-Chlorotoluene	11.51	91	18371	2.275	ug/l #	43
83) tert-Butylbenzene	11.77	119	14417	1.607	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	312401	34.782	ug/l	99
85) sec-Butylbenzene	11.94	105	37949	3.602	ug/l	94
86) p-Isopropyltoluene	12.23	119	15384	1.579	ug/l	96
89) n-Butylbenzene	12.37	91	9291	1.122	ug/l #	1
90) Hexachloroethane	12.61	117	3983	2.364	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	407	0.526	ug/l #	1
95) Naphthalene	13.83	128	74653	6.668	ug/l	99

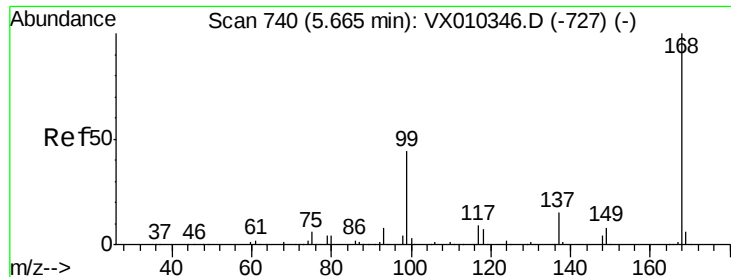
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampled :

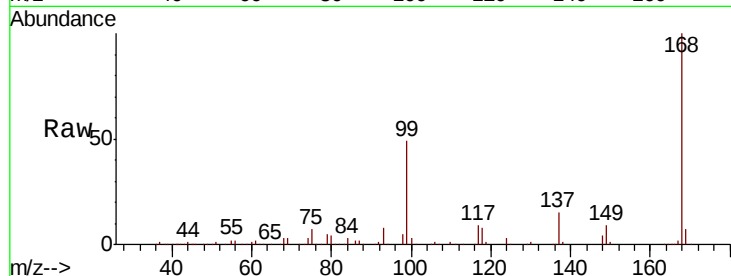
SOIL-SAMPLE-3

Tot Ion:168 Resp: 213397

Ion Ratio Lower Upper

168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

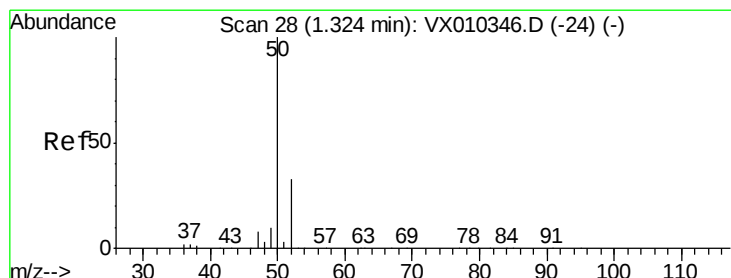
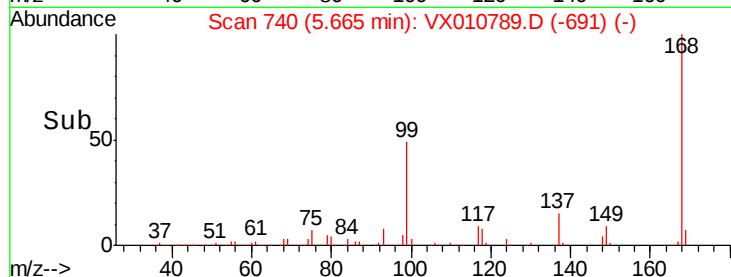
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.337 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010789.D

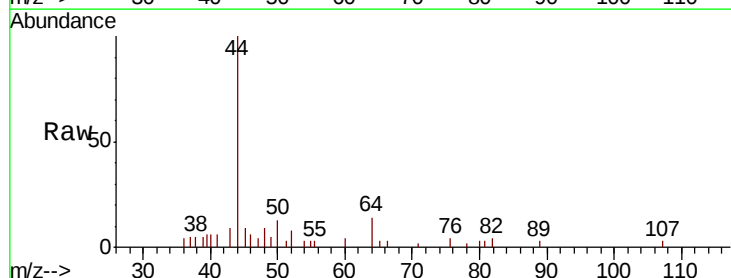
Acq: 10 Jul 2019 19:53

Tgt Ion: 50 Resp: 582

Ion Ratio Lower Upper

50 100

52 37.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

500

400

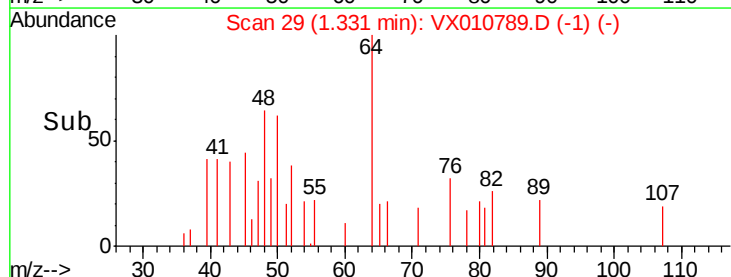
300

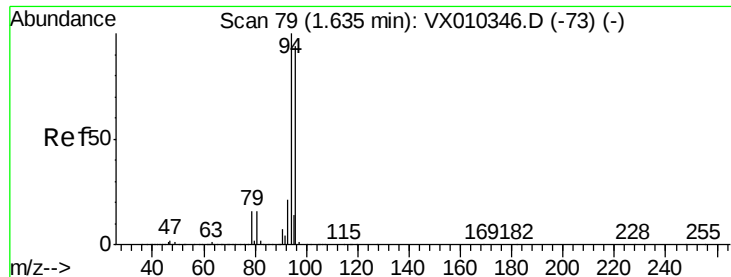
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.799 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

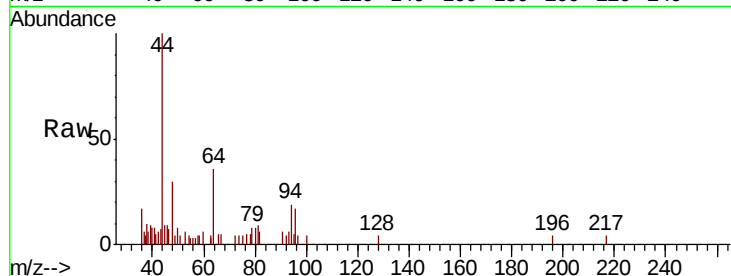
SOIL-SAMPLE-3

Tot Ion: 94 Resp: 737

Ion Ratio Lower Upper

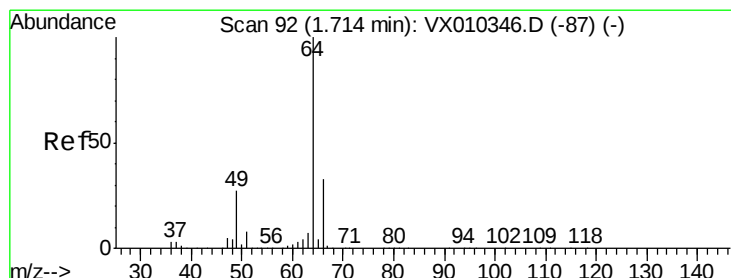
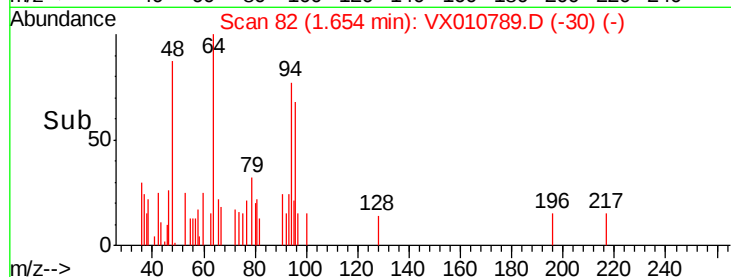
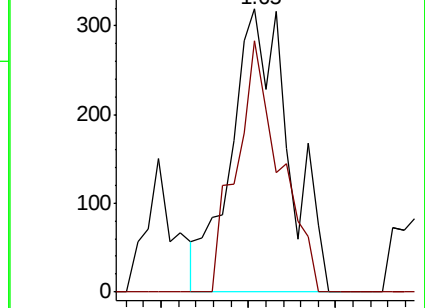
94 100

96 88.7 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.215 ug/l

RT: 1.74 min Scan# 96

Delta R.T. 0.02 min

Lab File: VX010789.D

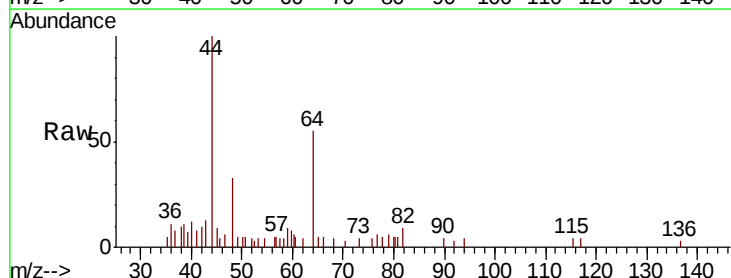
Acq: 10 Jul 2019 19:53

Tgt Ion: 64 Resp: 240

Ion Ratio Lower Upper

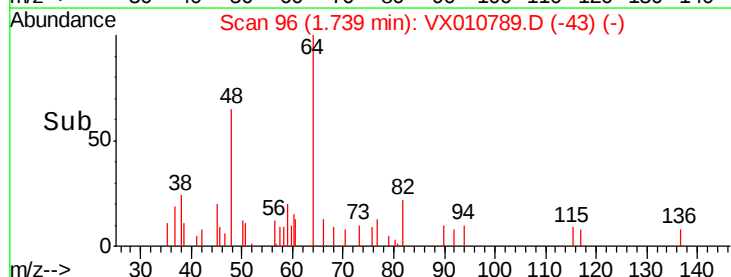
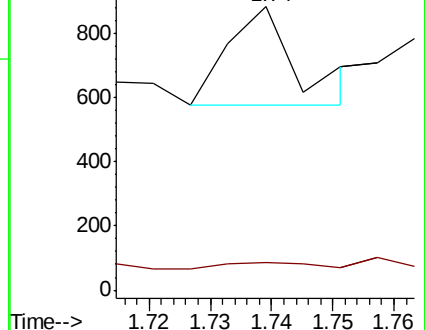
64 100

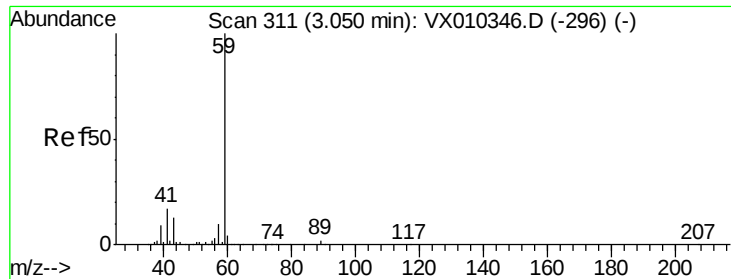
66 6.6 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



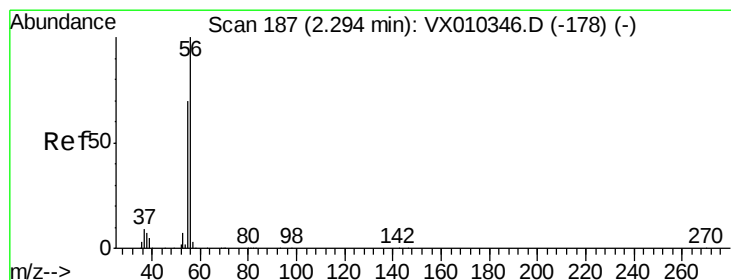
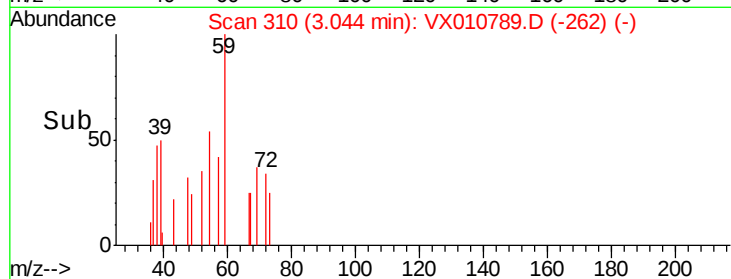
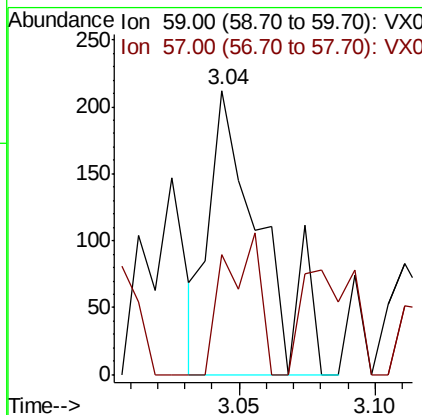
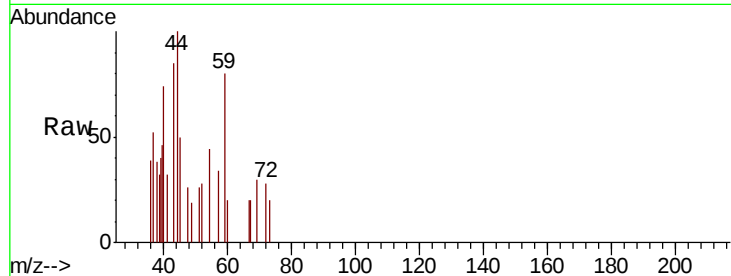


#11

Tert butyl alcohol
 Concen: 0.541 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

Instrument :
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 ClientSampleId :
 SOIL-SAMPLE-3

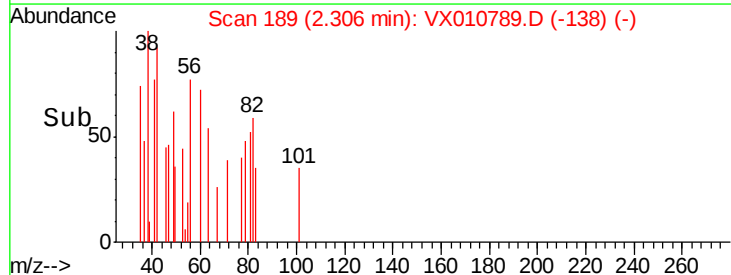
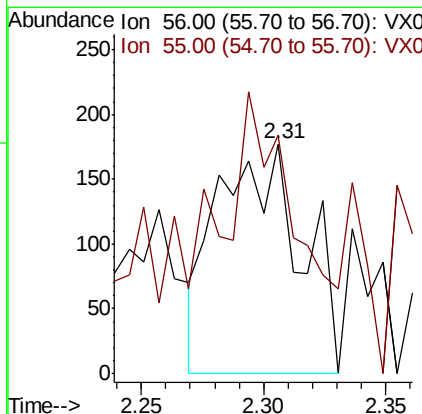
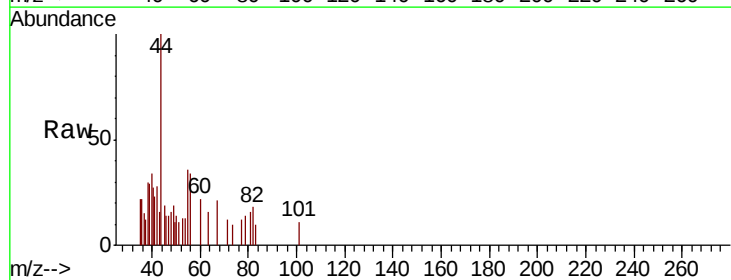
Tot Ion: 59 Resp: 283
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.7 11.5#

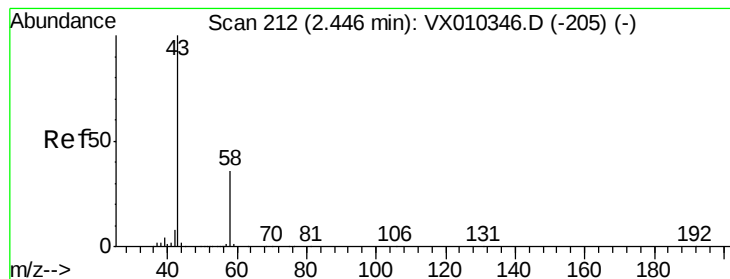


#13

Acrolein
 Concen: 1.206 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

Tgt Ion: 56 Resp: 419
 Ion Ratio Lower Upper
 56 100
 55 87.1 56.9 85.3#





#16

Acetone

Concen: 8.969 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

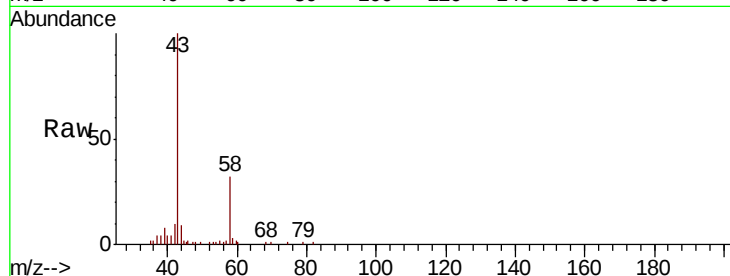
SOIL-SAMPLE-3

Tot Ion: 43 Resp: 8994

Ion Ratio Lower Upper

43 100

58 32.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

5000

4000

3000

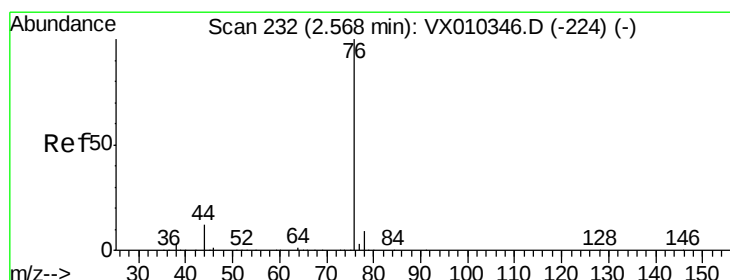
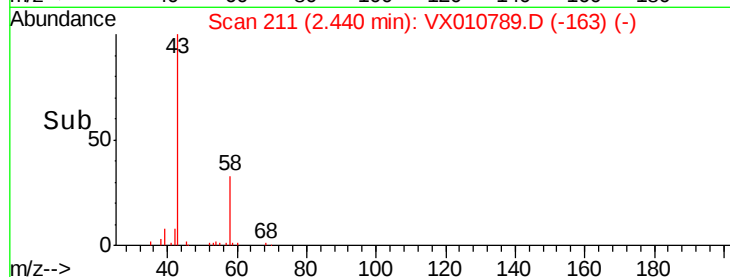
2000

1000

0

2.40 2.45 2.50 2.55

Time-->



#17

Carbon Disulfide

Concen: 0.336 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010789.D

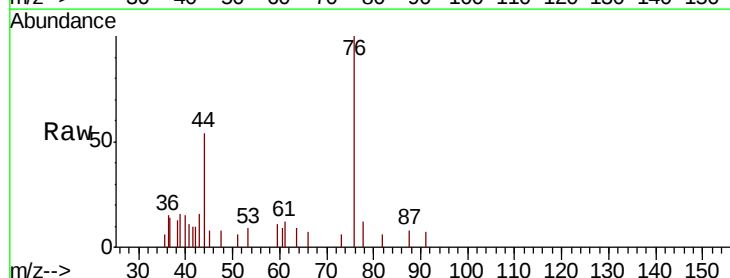
Acq: 10 Jul 2019 19:53

Tgt Ion: 76 Resp: 1665

Ion Ratio Lower Upper

76 100

78 12.3 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1000

800

600

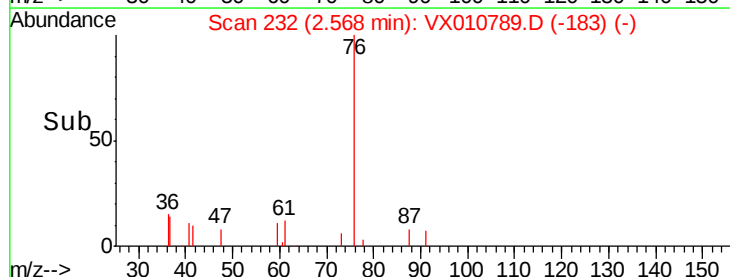
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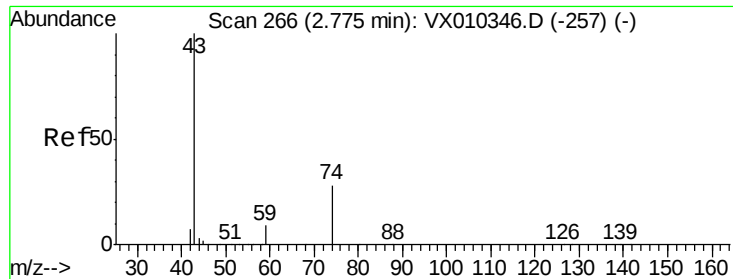
200

0

2.50 2.55 2.60

Time-->

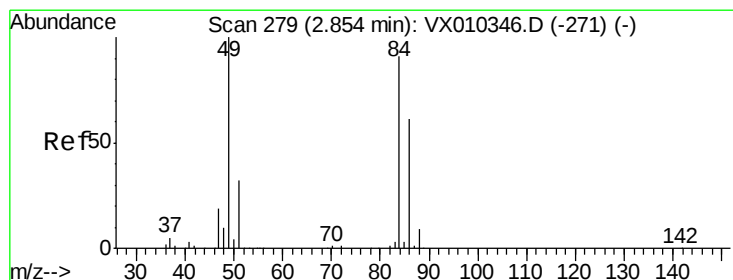
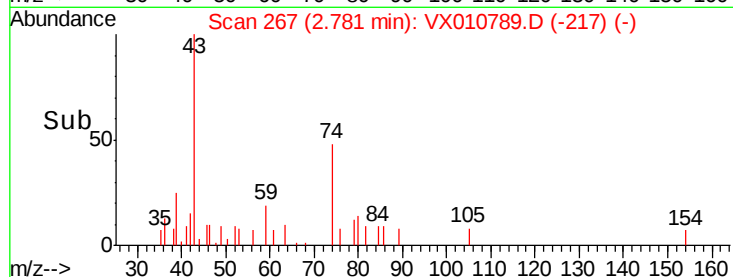
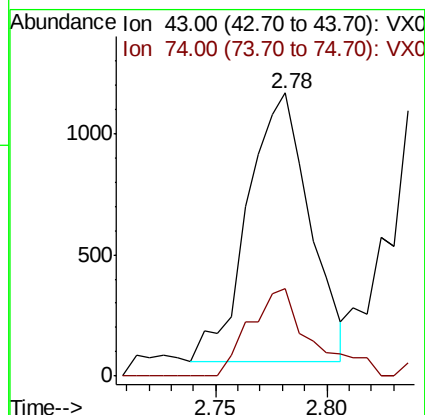
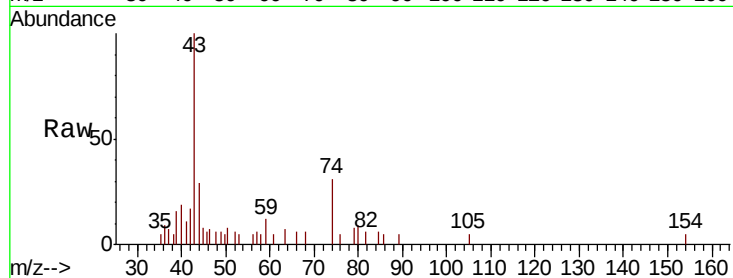




#18
Methvl Acetate
Concen: 1.076 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

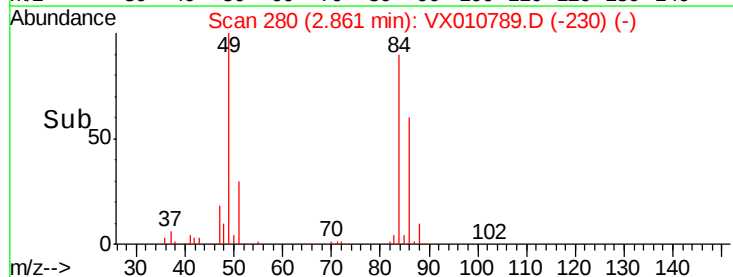
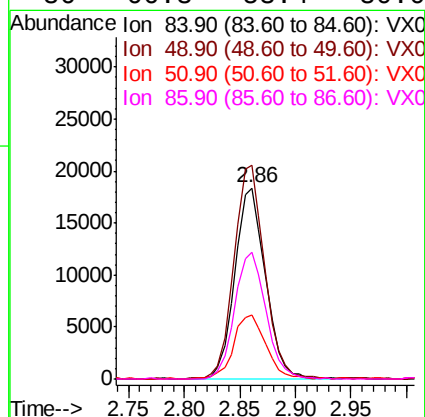
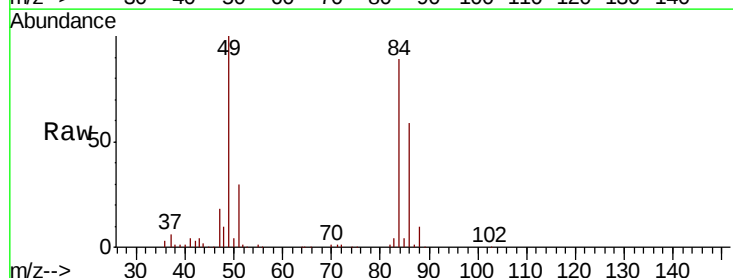
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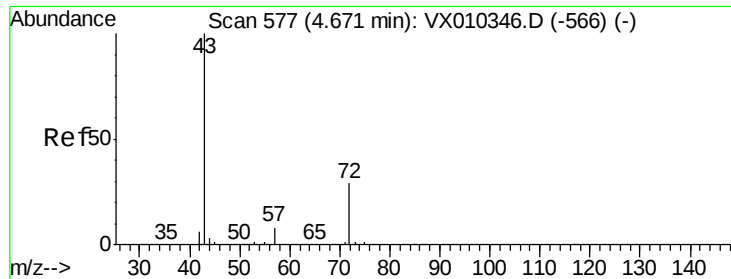
Tot Ion: 43 Resp: 2150
Ion Ratio Lower Upper
43 100
74 32.1 21.3 31.9#



#20
Methylene Chloride
Concen: 16.966 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion: 84 Resp: 35011
Ion Ratio Lower Upper
84 100
49 111.4 87.5 131.3
51 33.8 27.7 41.5
86 66.3 53.4 80.0

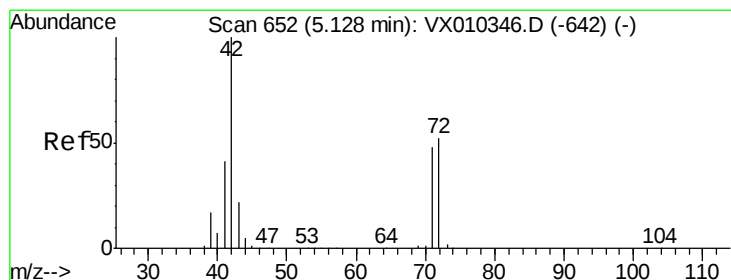
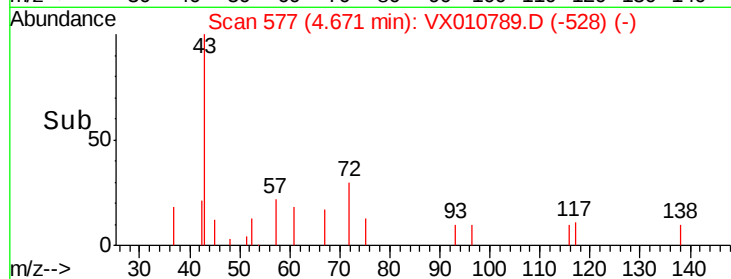
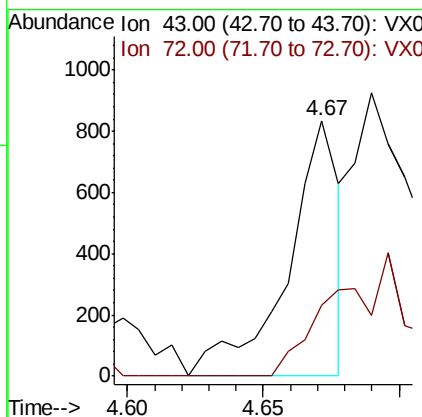
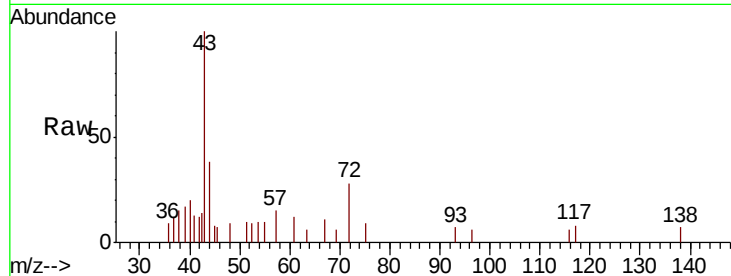




#25
2-Butanone
Concen: 0.751 ug/l
RT: 4.67 min Scan# 577
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

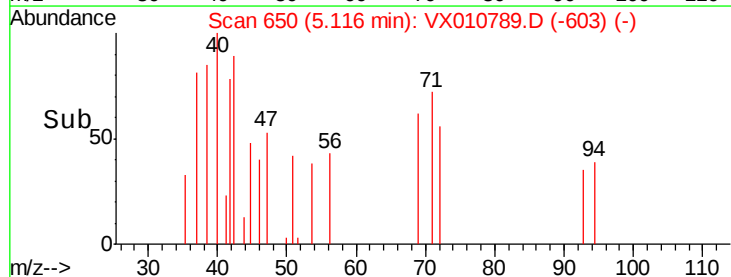
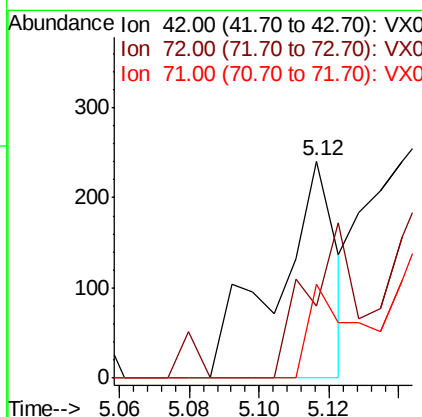
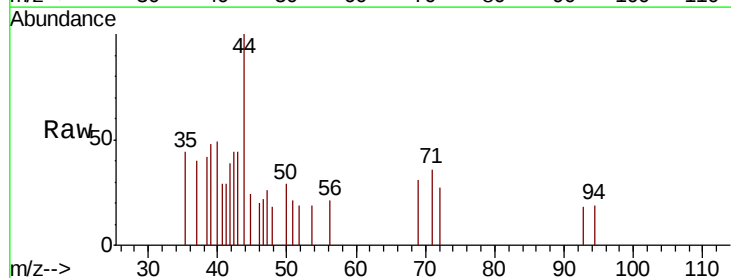
Instrument :
MSVOA_X
ClientSampled :
SOIL-SAMPLE-3

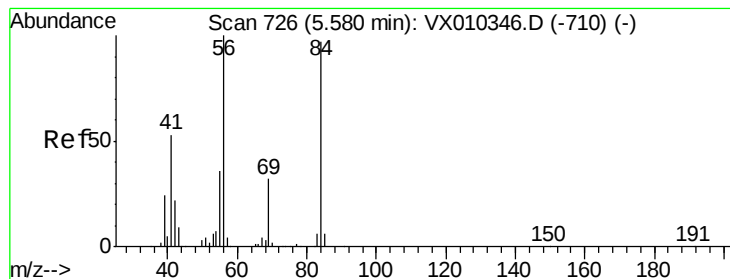
Tot Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
72 27.5 23.3 34.9



#29
Tetrahydrofuran
Concen: 0.313 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion: 42 Resp: 285
Ion Ratio Lower Upper
42 100
72 55.1 40.6 60.8
71 35.8 37.8 56.8#





#31

Cyclohexane

Concen: 9.809 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-3

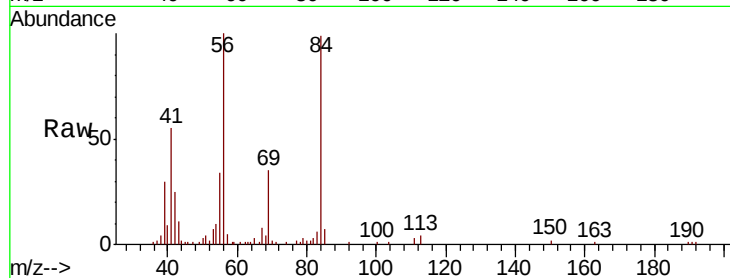
Tot Ion: 56 Resp: 28349

Ion Ratio Lower Upper

56 100

69 35.4 25.9 38.9

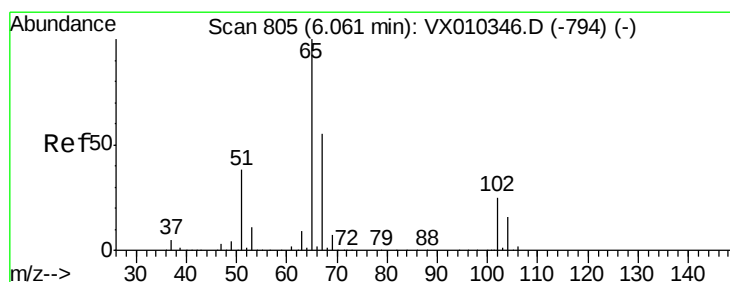
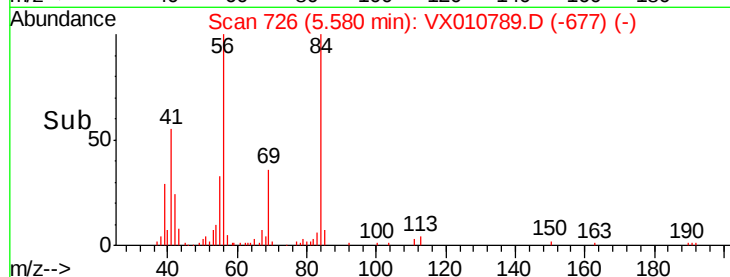
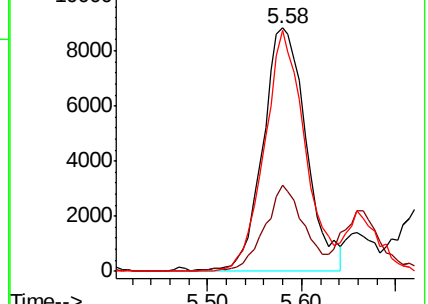
84 98.8 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.725 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010789.D

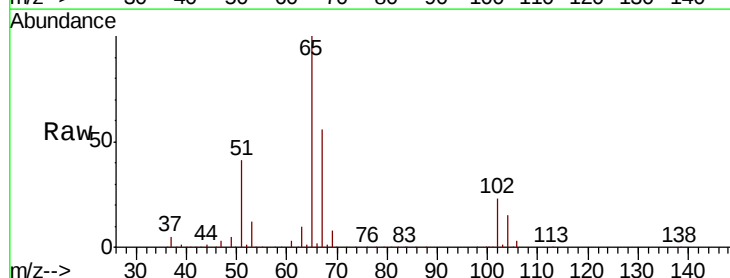
Acq: 10 Jul 2019 19:53

Tgt Ion: 65 Resp: 109494

Ion Ratio Lower Upper

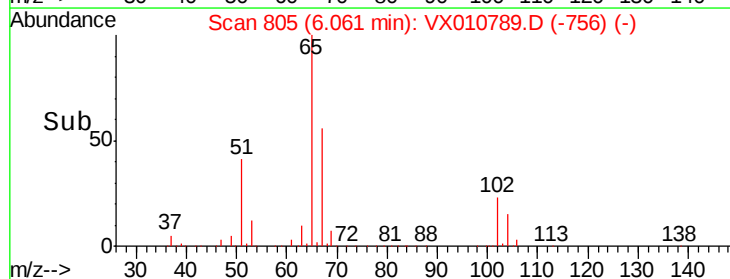
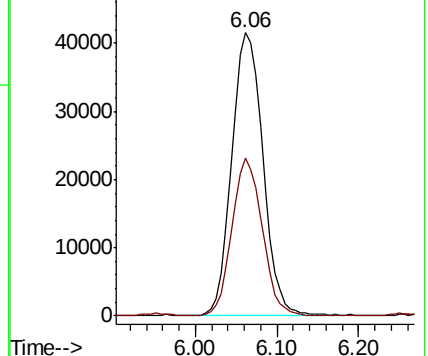
65 100

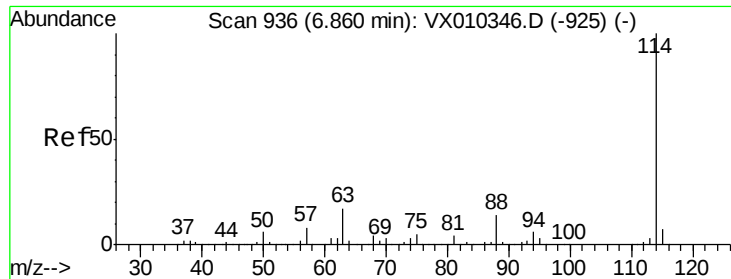
67 53.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

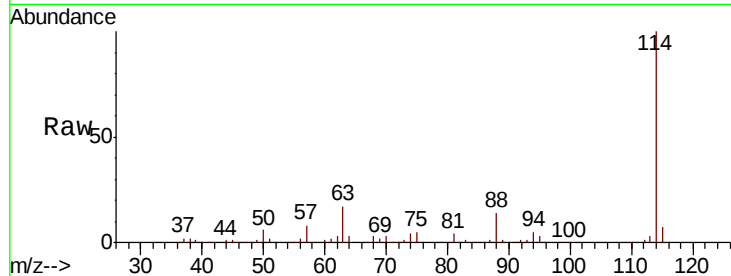




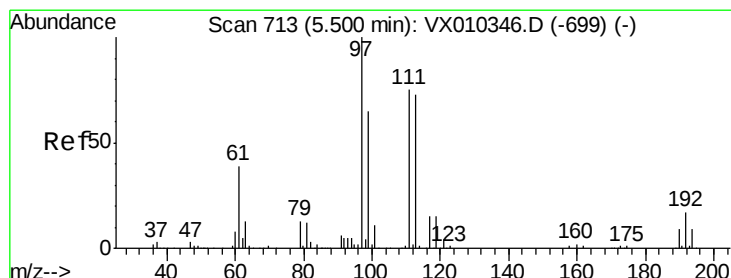
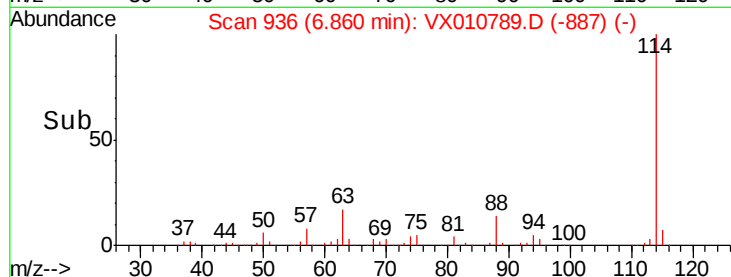
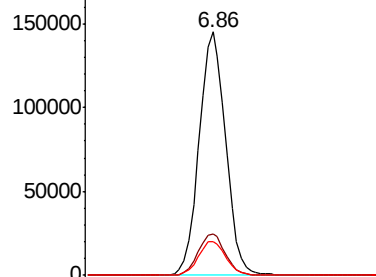
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-3

Tot Ion:114 Resp: 339764
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.8
88 13.8 0.0 27.6

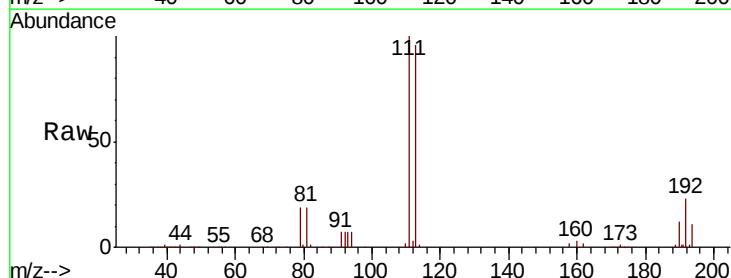


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

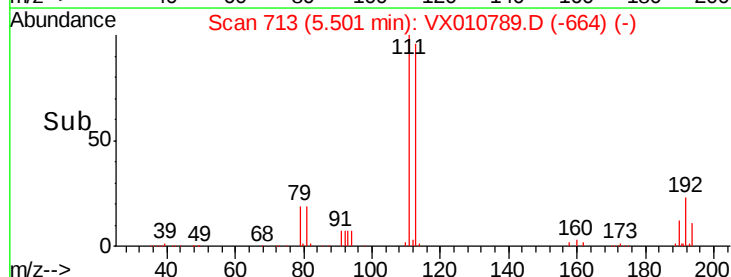
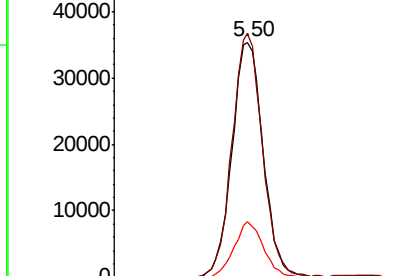


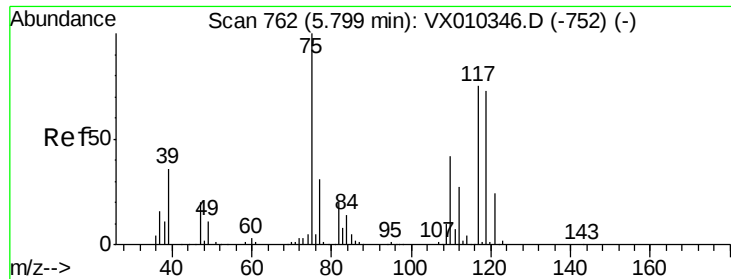
#35
Dibromofluoromethane
Concen: 49.873 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion:113 Resp: 103675
Ion Ratio Lower Upper
113 100
111 101.1 81.2 121.8
192 22.3 18.6 27.8



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

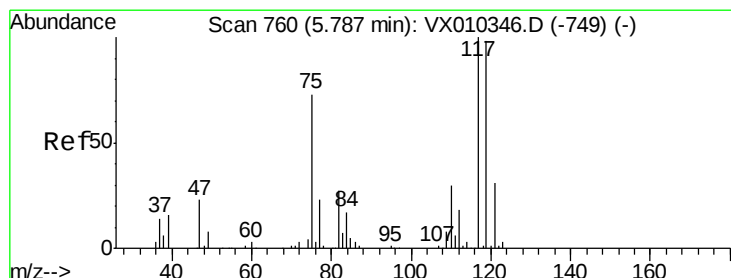
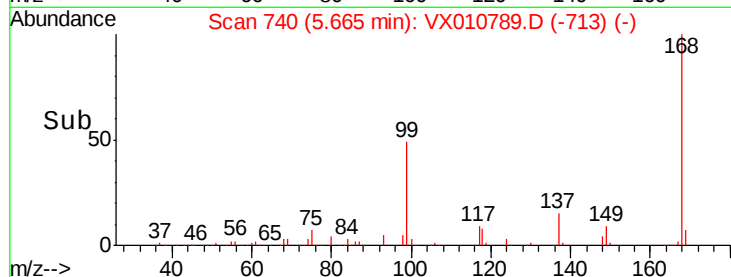
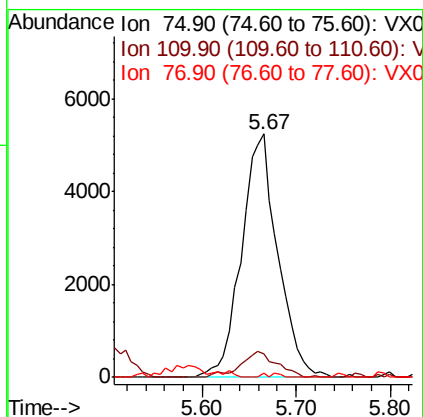
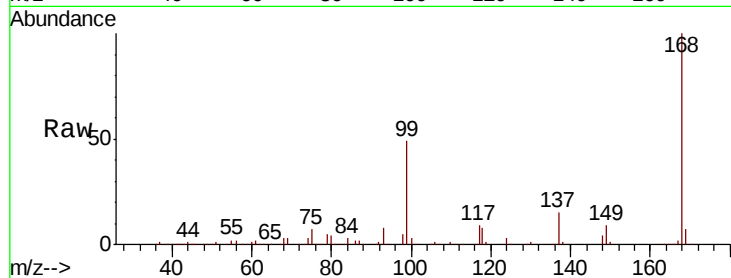




#36
 1,1-Dichloropropene
 Concen: 5.234 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

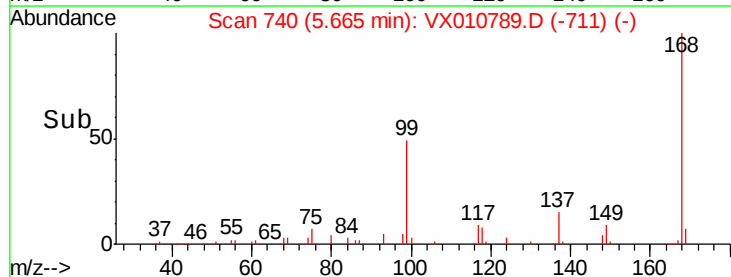
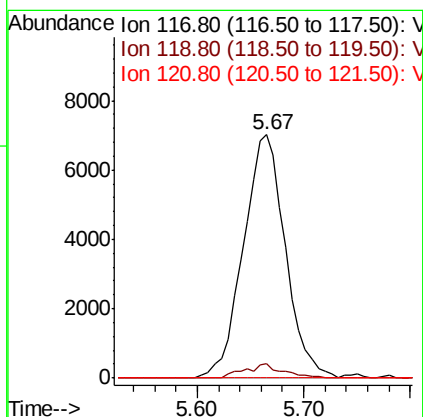
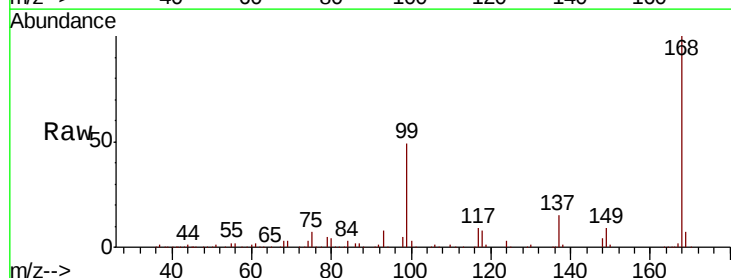
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-SAMPLE-3

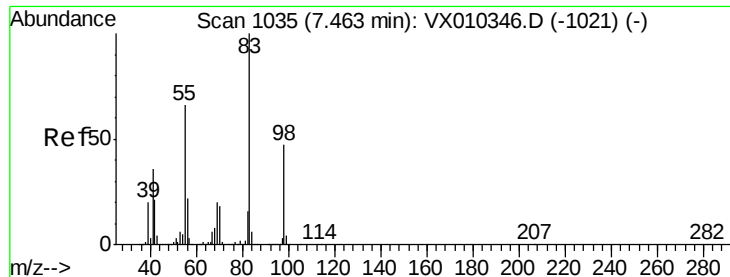
Tot Ion	75	Resp	14131
Ion Ratio	100	Lower	Upper
110	10.5	20.8	62.2#
77	0.2	25.4	38.0#



#38
 Carbon Tetrachloride
 Concen: 6.623 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

Tgt Ion	117	Resp	19363
Ion Ratio	100	Lower	Upper
119	5.7	78.2	117.4#
121	0.0	24.7	37.1#

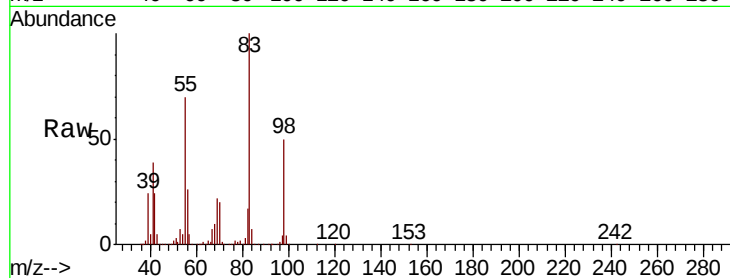




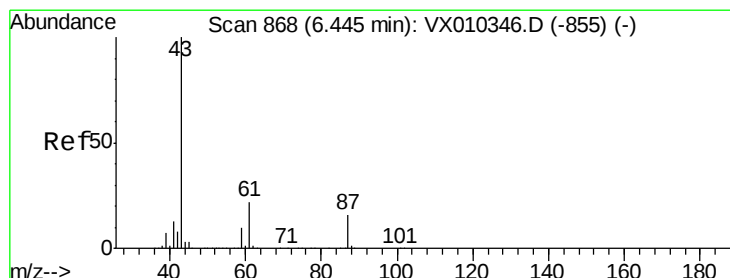
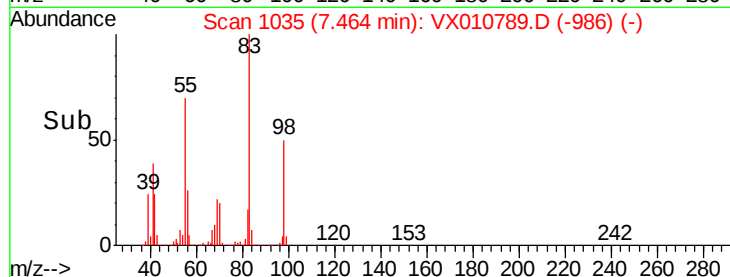
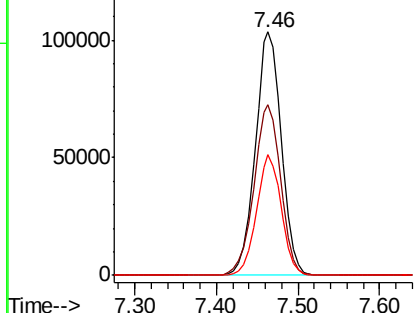
#39
Methylcyclohexane
Concen: 65.012 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-3

Tot Ion: 83 Resp: 230727
Ion Ratio Lower Upper
83 100
55 70.2 53.0 79.6
98 49.7 37.8 56.8

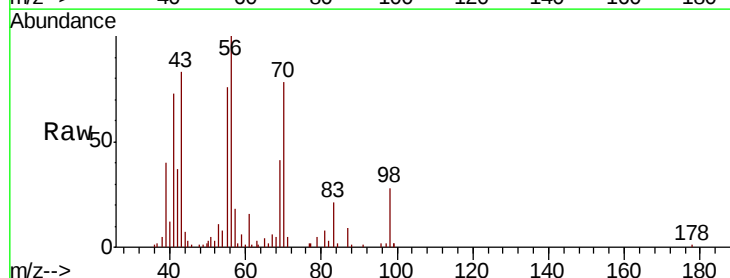


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

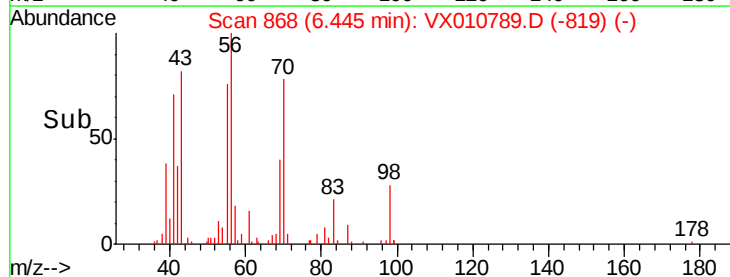
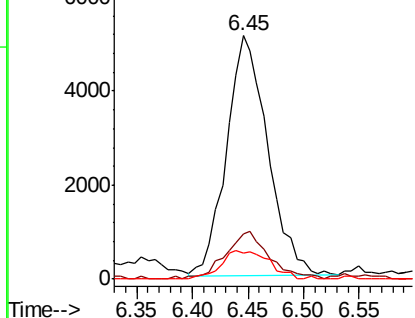


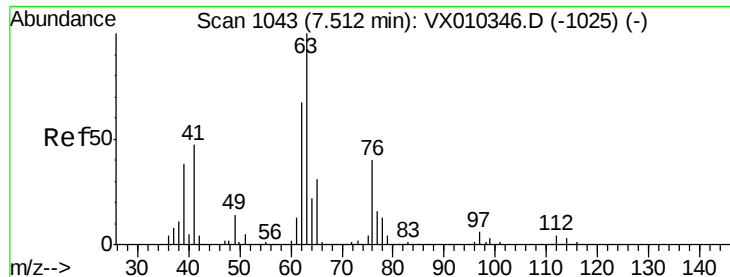
#43
Isopropyl Acetate
Concen: 2.856 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion: 43 Resp: 13125
Ion Ratio Lower Upper
43 100
61 21.2 17.8 26.6
87 13.7 13.0 19.4



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





#45

1,2-Dichloropropane

Concen: 1.151 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.05 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

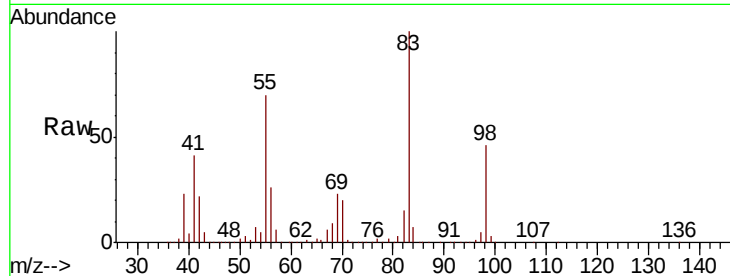
SOIL-SAMPLE-3

Tot Ion: 63 Resp: 2444

Ion Ratio Lower Upper

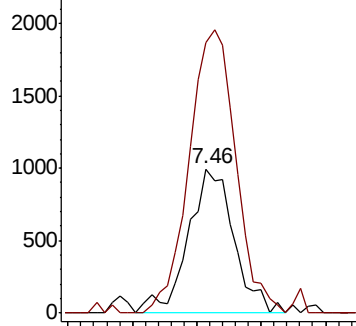
63 100

65 187.2 24.8 37.2#

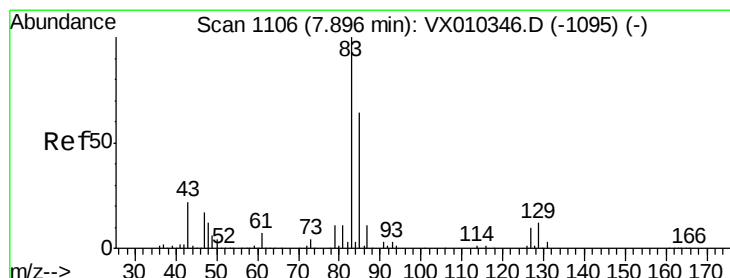
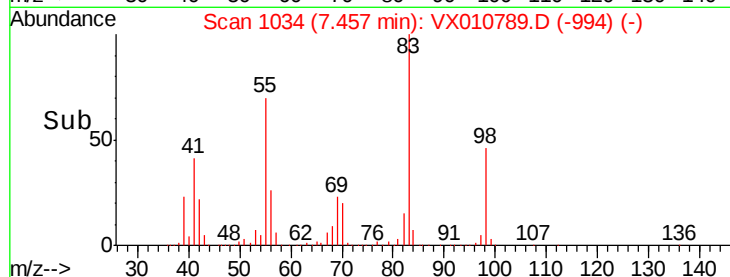


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->



#47

Bromodichloromethane

Concen: 0.440 ug/l

RT: 7.85 min Scan# 1099

Delta R.T. -0.04 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

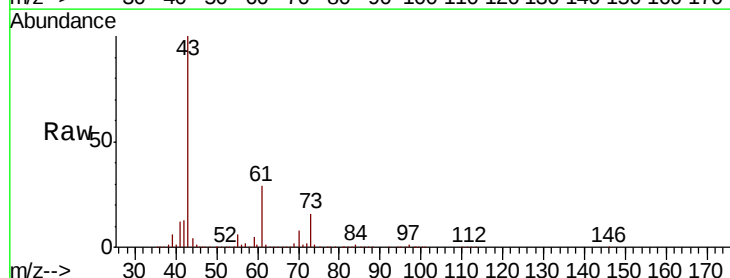
Tgt Ion: 83 Resp: 1228

Ion Ratio Lower Upper

83 100

85 104.0 51.5 77.3#

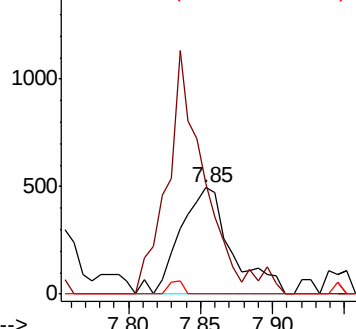
127 0.0 7.8 11.8#



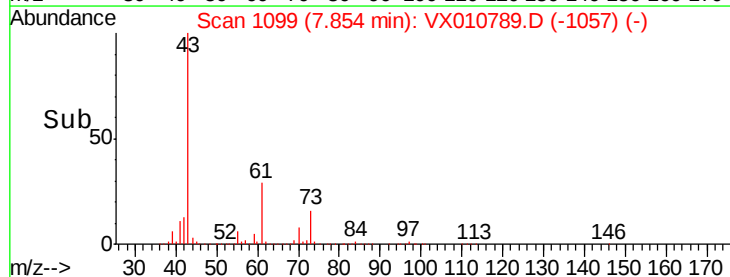
Abundance Ion 82.90 (82.60 to 83.60): VX0

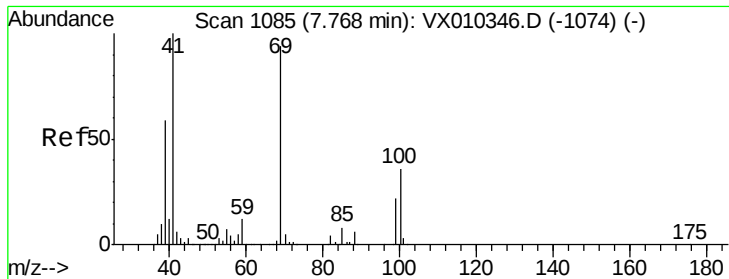
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->

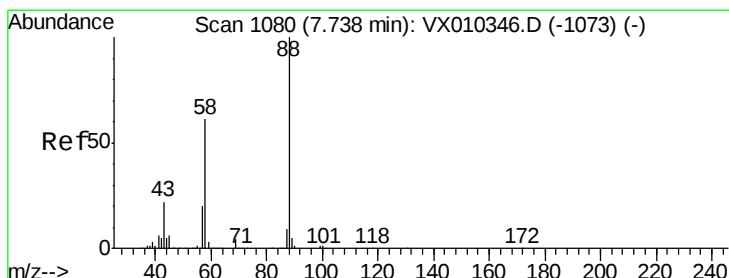
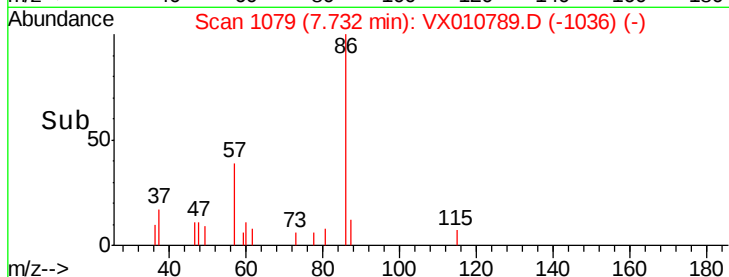
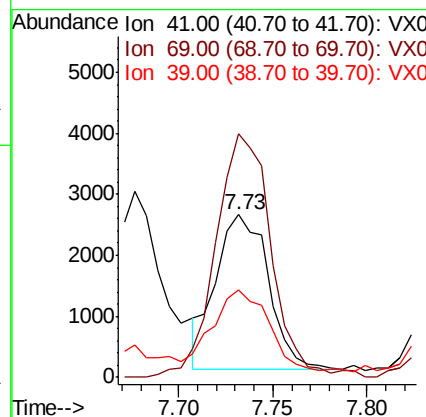
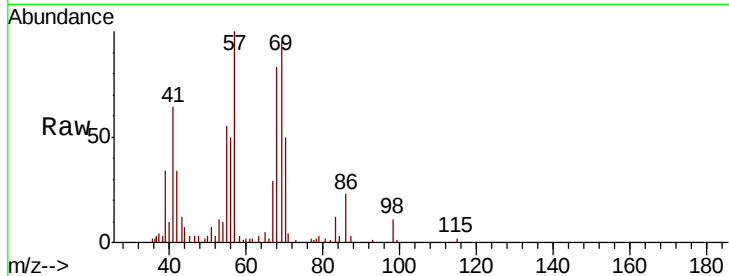




#48
Methvl methacrylate
Concen: 2.298 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

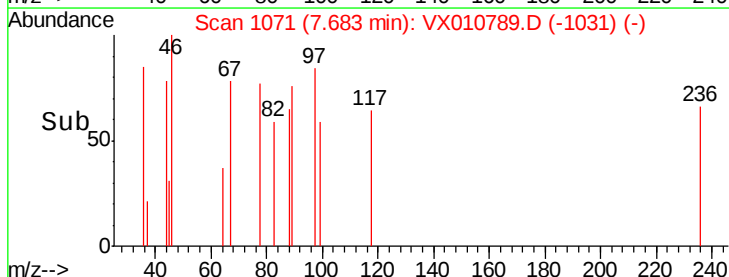
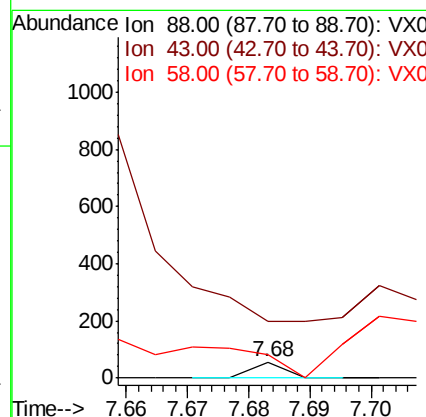
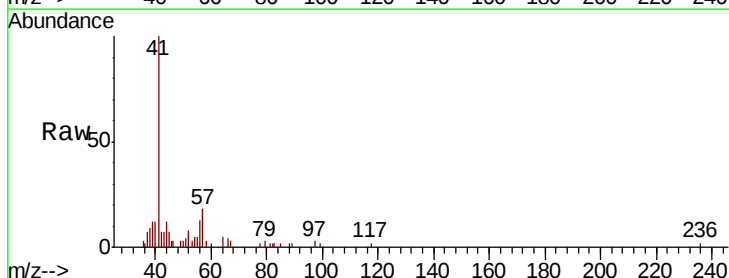
Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-3

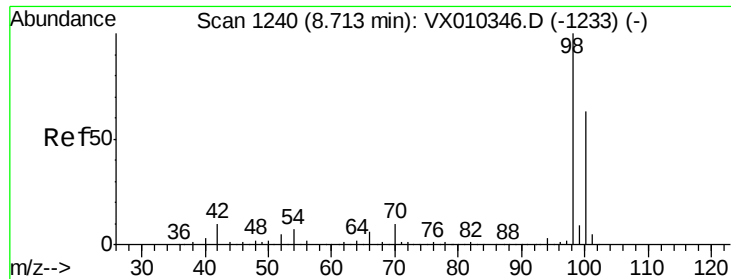
Tot Ion: 41 Resp: 4908
Ion Ratio Lower Upper
41 100
69 165.7 76.1 114.1#
39 53.8 47.6 71.4



#49
1,4-Dioxane
Concen: 0.325 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.05 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 0.0 49.5 74.3#





#50

Toluene-d8

Concen: 52.837 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

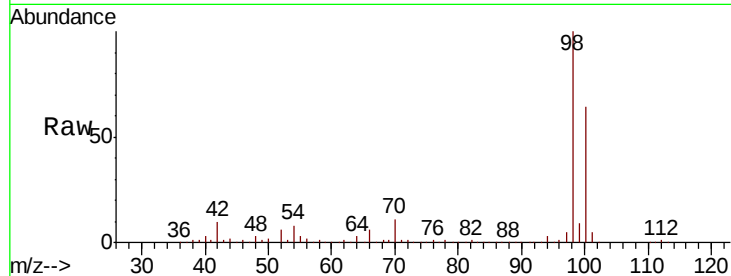
SOIL-SAMPLE-3

Tot Ion: 98 Resp: 420215

Ion Ratio Lower Upper

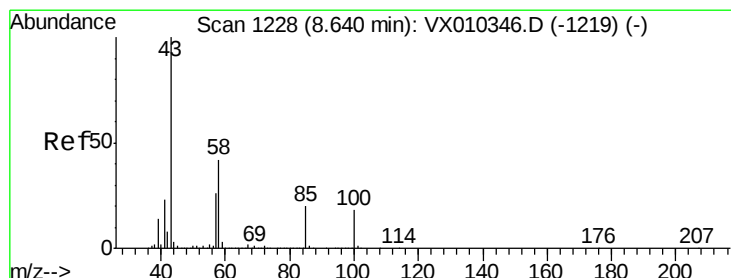
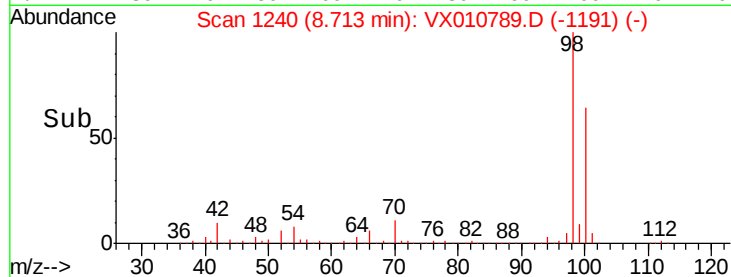
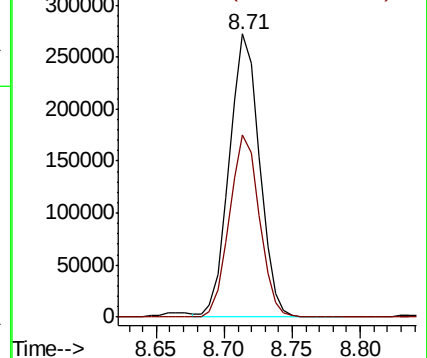
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 2.099 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VX010789.D

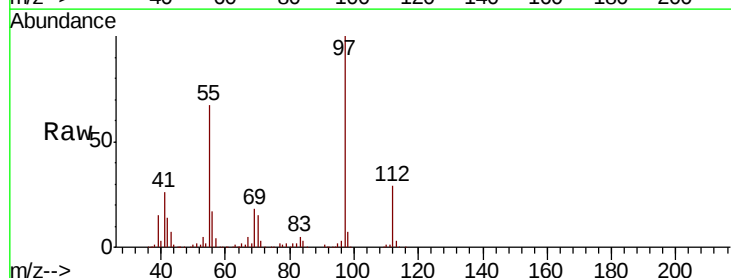
Acq: 10 Jul 2019 19:53

Tgt Ion: 43 Resp: 6169

Ion Ratio Lower Upper

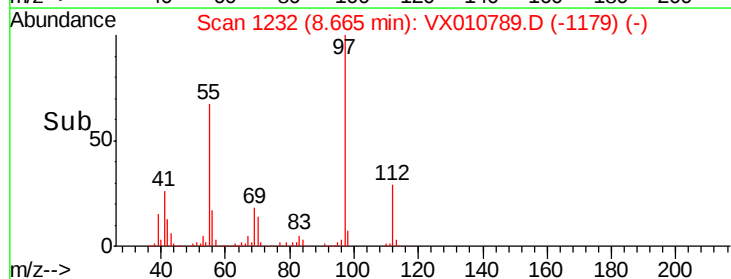
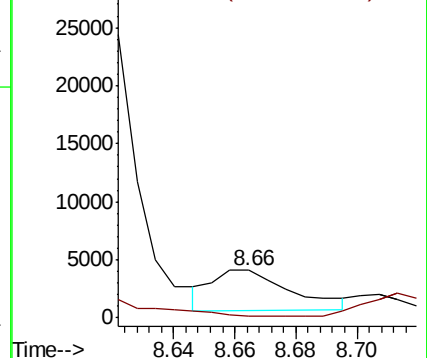
43 100

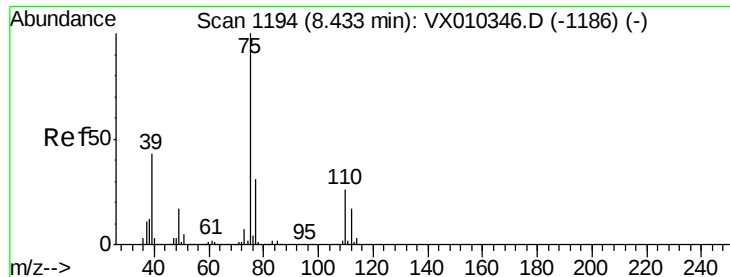
58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



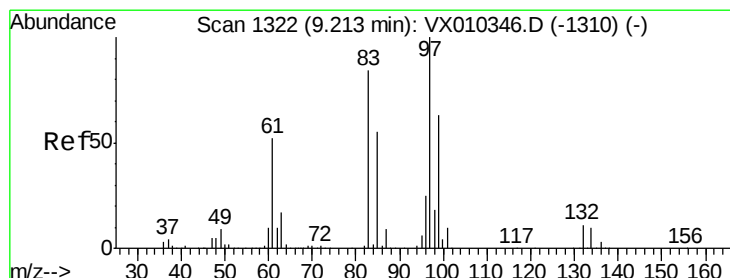
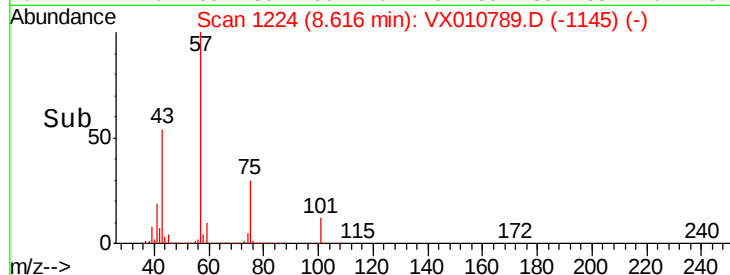
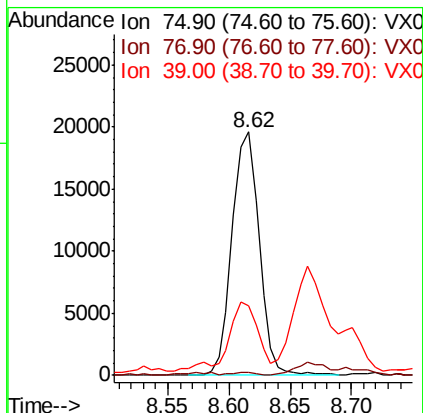
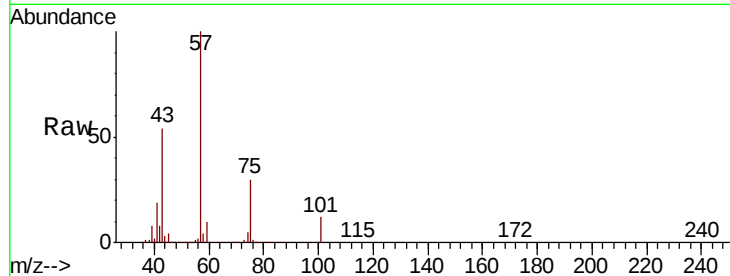


#54

cis-1,3-Dichloropropene
 Concen: 8.884 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-SAMPLE-3

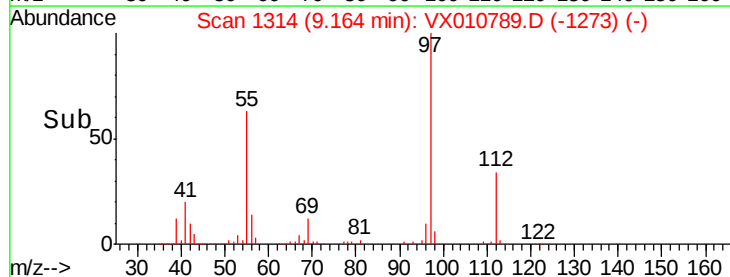
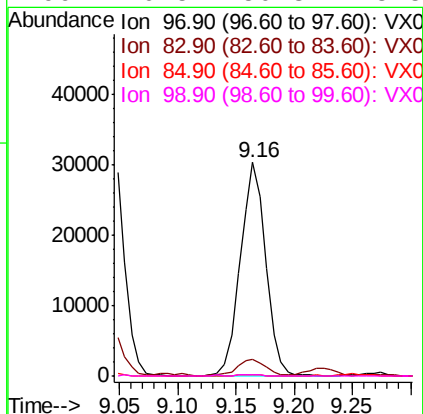
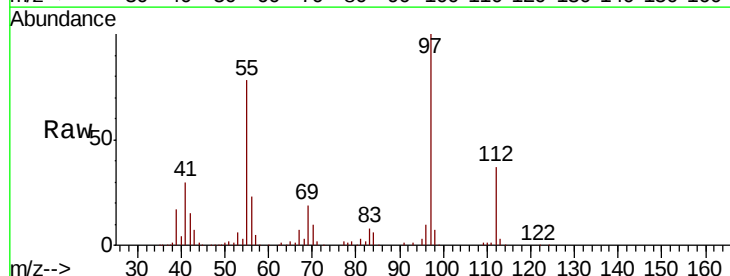
Tot Ion: 75 Resp: 30231
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.2 37.8#
 39 25.4 34.5 51.7#

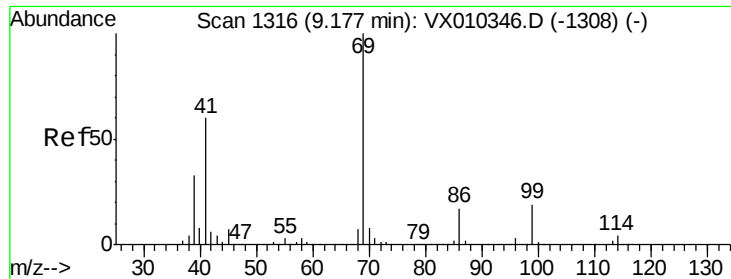


#55

1,1,2-Trichloroethane
 Concen: 20.231 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

Tgt Ion: 97 Resp: 46218
 Ion Ratio Lower Upper
 97 100
 83 7.2 67.4 101.0#
 85 0.4 43.8 65.8#
 99 0.5 50.3 75.5#





#56

Ethyl methacrylate

Concen: 2.694 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-3

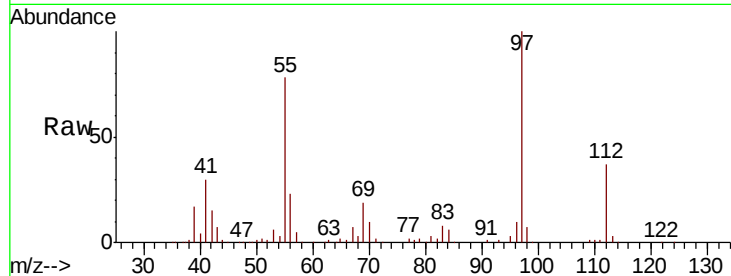
Tot Ion: 69 Resp: 9323

Ion Ratio Lower Upper

69 100

41 155.7 47.1 70.7#

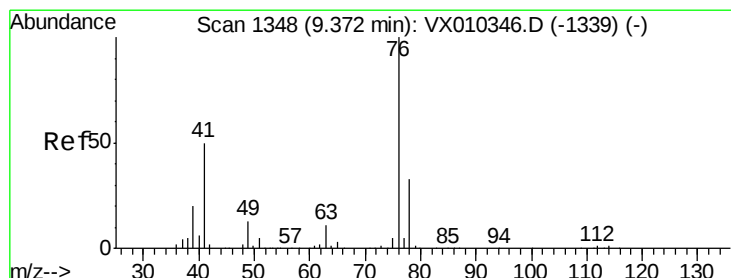
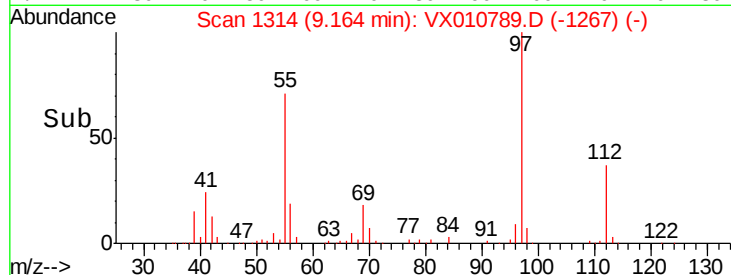
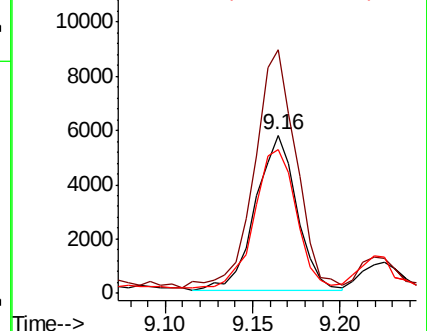
39 89.3 26.6 40.0#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 2.069 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX010789.D

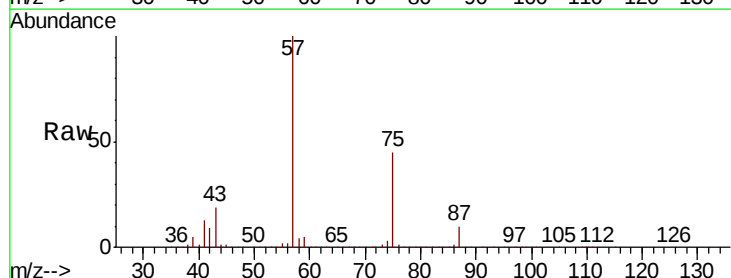
Acq: 10 Jul 2019 19:53

Tgt Ion: 76 Resp: 7337

Ion Ratio Lower Upper

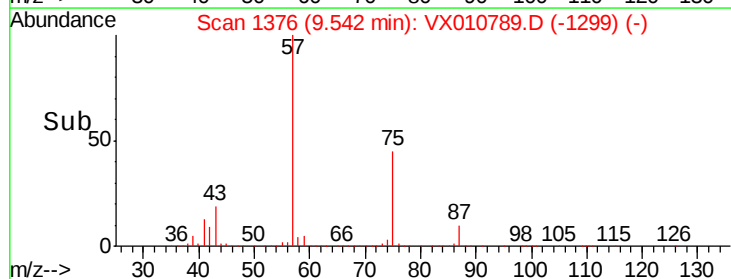
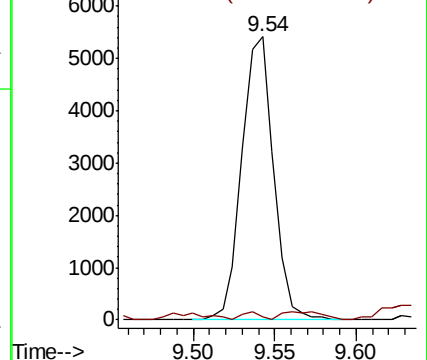
76 100

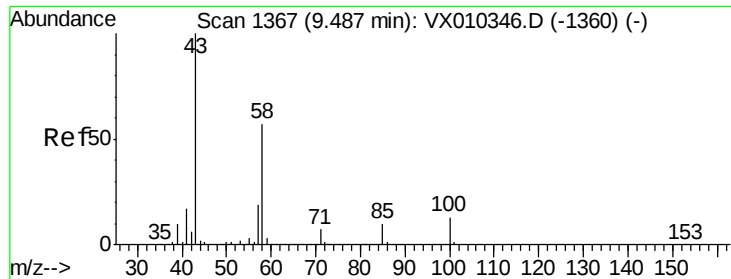
78 1.6 26.1 39.1#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

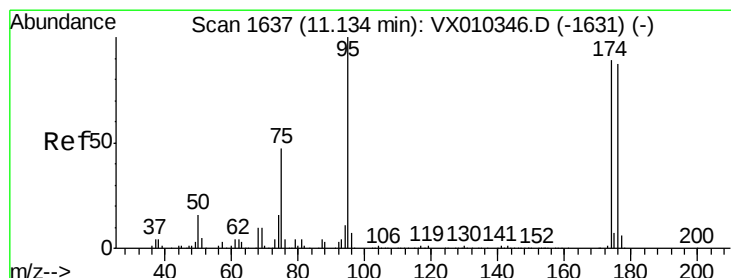
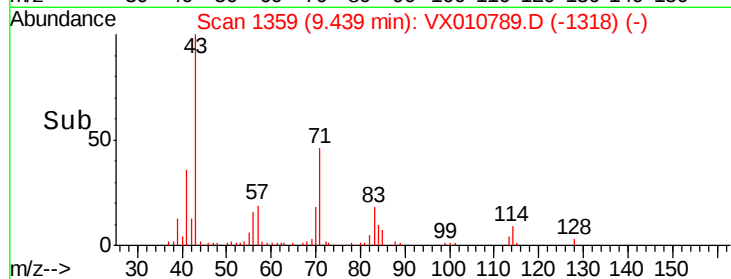
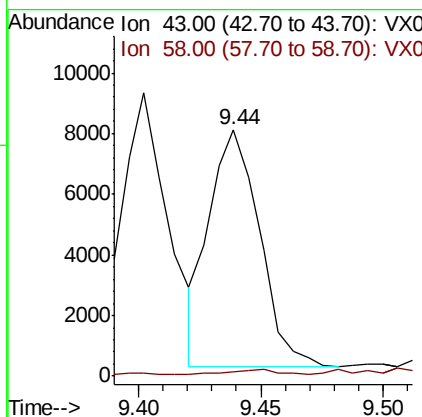
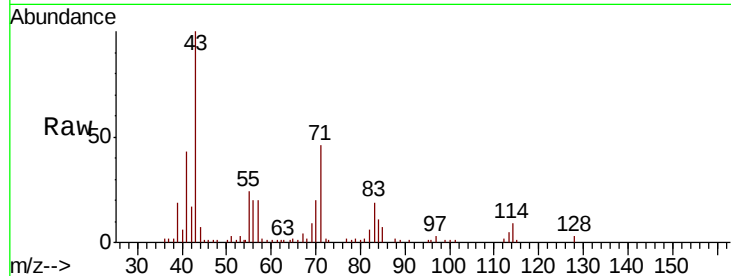




#59
2-Hexanone
Concen: 4.847 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

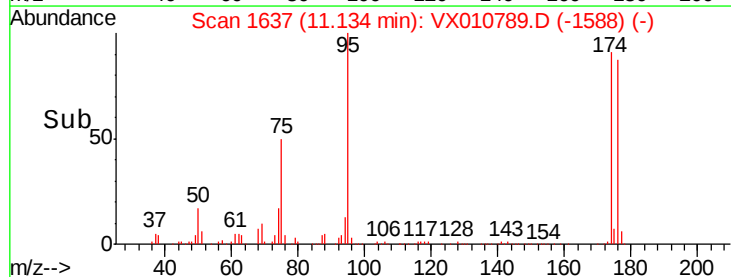
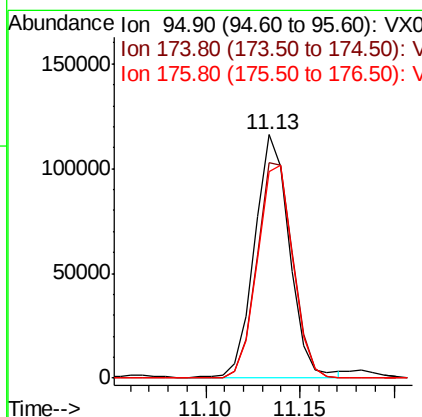
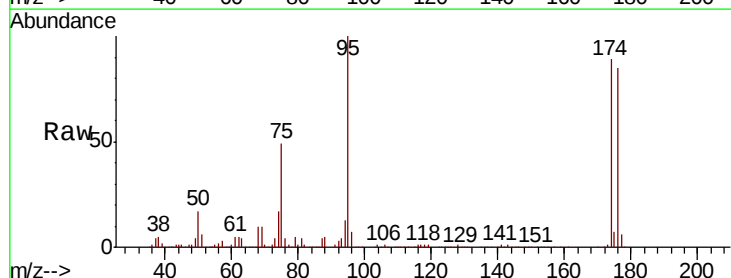
Instrument :
MSVOA_X
ClientSampled :
SOIL-SAMPLE-3

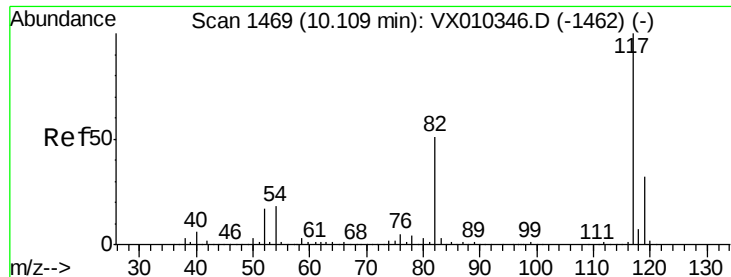
Tot Ion: 43 Resp: 11211
Ion Ratio Lower Upper
43 100
58 0.0 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 51.538 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion: 95 Resp: 147979
Ion Ratio Lower Upper
95 100
174 92.3 0.0 187.6
176 90.0 0.0 184.0

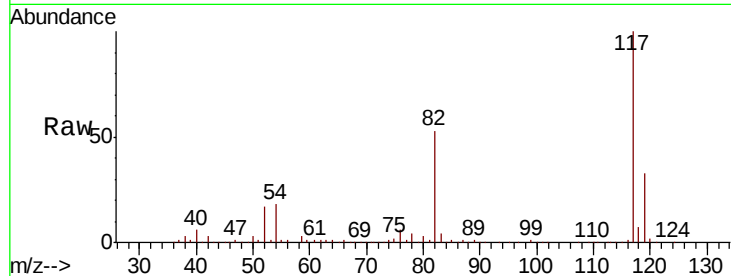




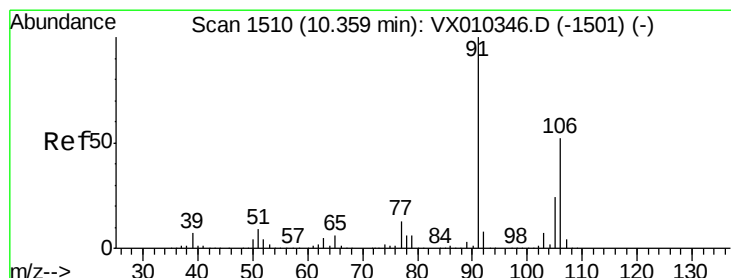
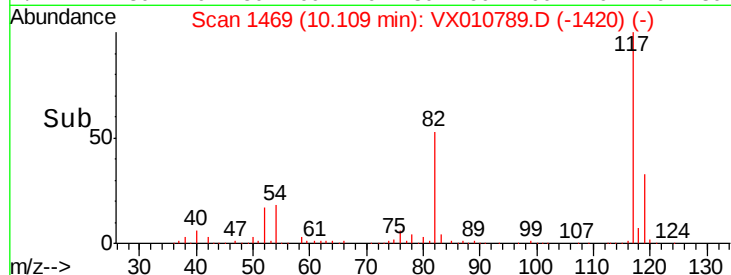
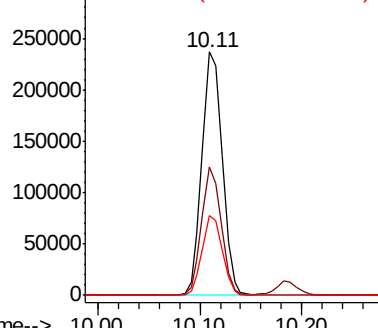
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-3

Tot Ion:117 Resp: 326217
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 32.8 25.5 38.3

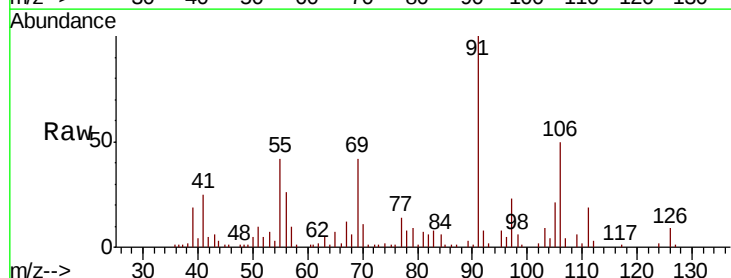


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

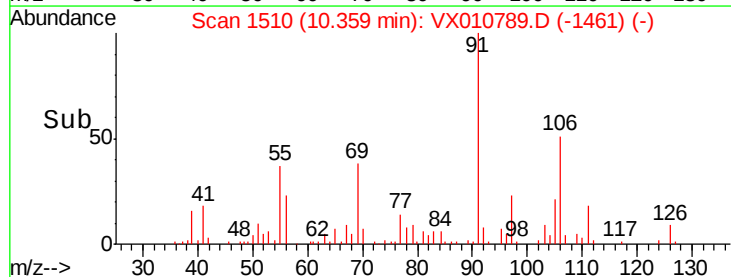
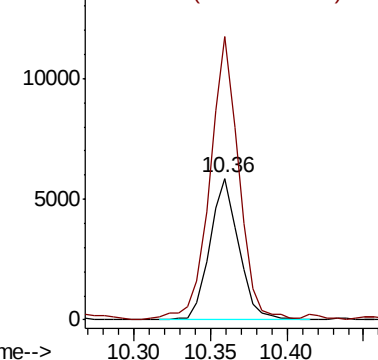


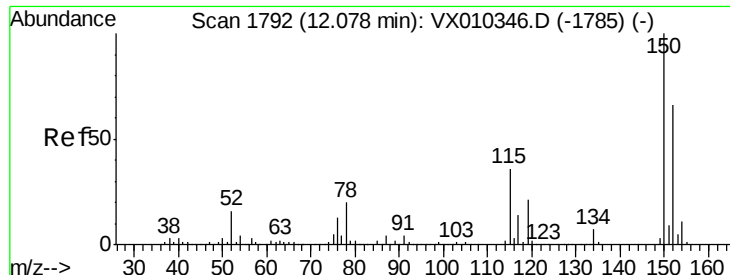
#68
m/p-Xylenes
Concen: 1.773 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion:106 Resp: 7683
Ion Ratio Lower Upper
106 100
91 200.0 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-3

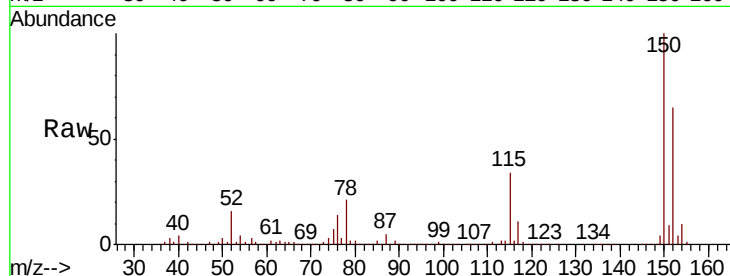
Tot Ion:152 Resp: 159972

Ion Ratio Lower Upper

152 100

115 54.8 38.6 115.7

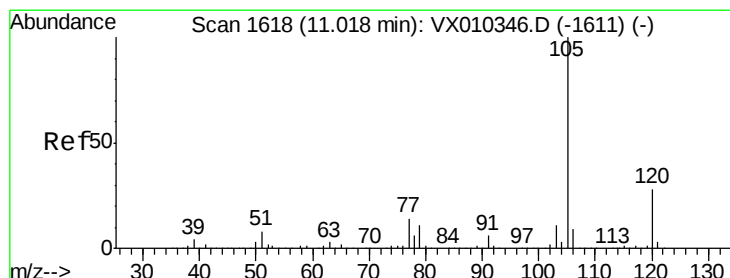
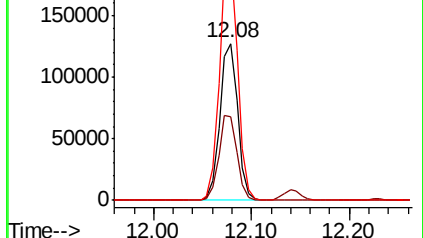
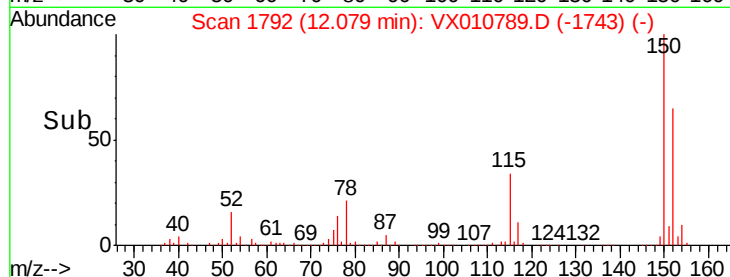
150 156.5 0.0 347.4



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



#73

Isopropylbenzene

Concen: 8.371 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010789.D

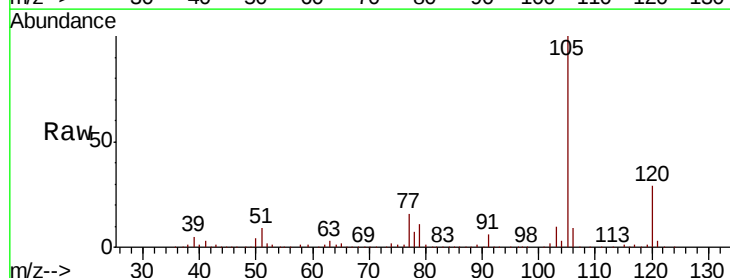
Acq: 10 Jul 2019 19:53

Tgt Ion:105 Resp: 90772

Ion Ratio Lower Upper

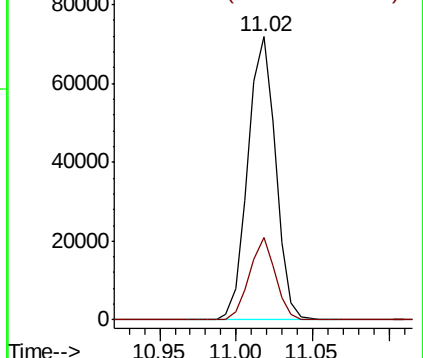
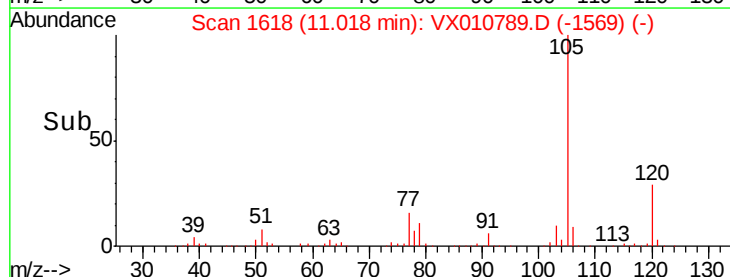
105 100

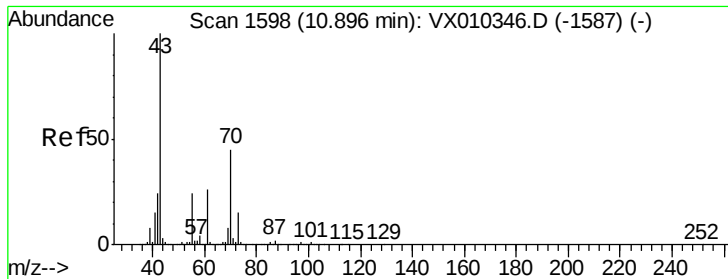
120 27.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.239 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

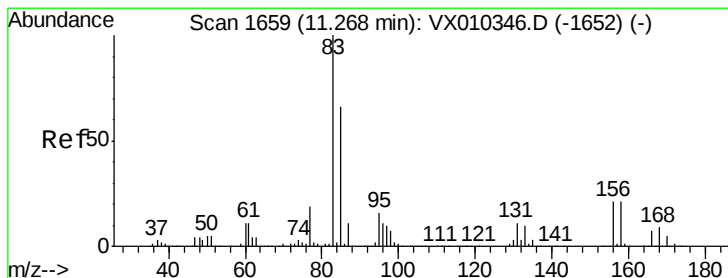
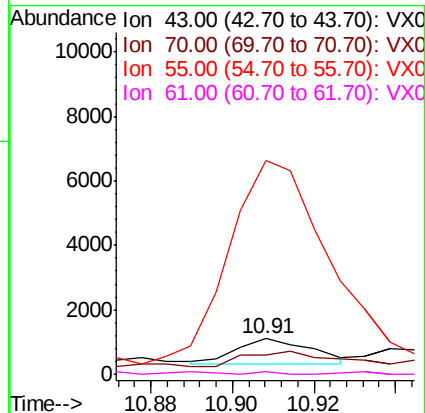
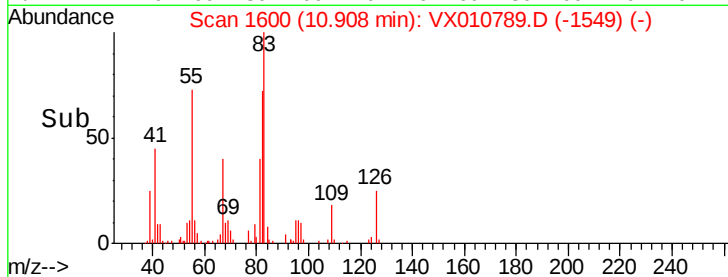
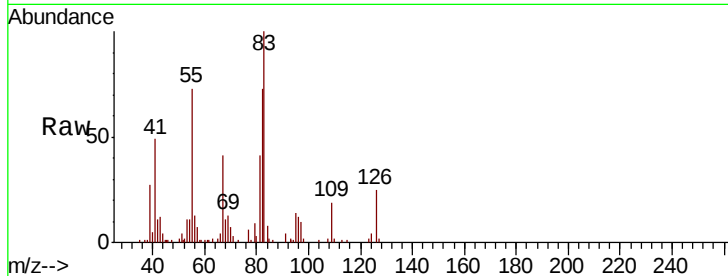
ClientSampleId :

SOIL-SAMPLE-3

Tot Ion: 43 Resp: 979

Ion Ratio Lower Upper

43	100		
70	135.0	36.6	54.8#
55	1121.8	18.7	28.1#
61	0.0	20.6	31.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.340 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

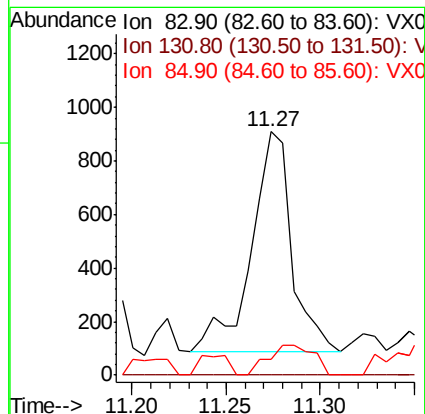
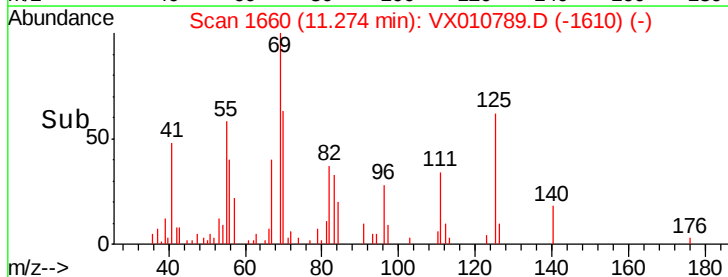
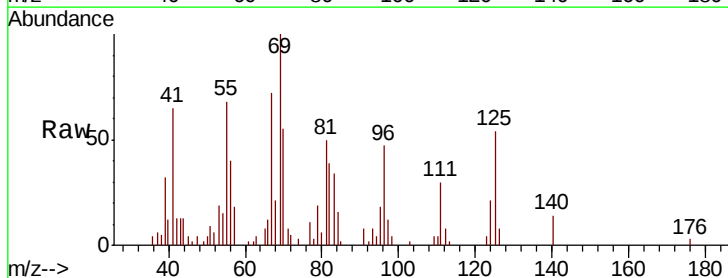
Lab File: VX010789.D

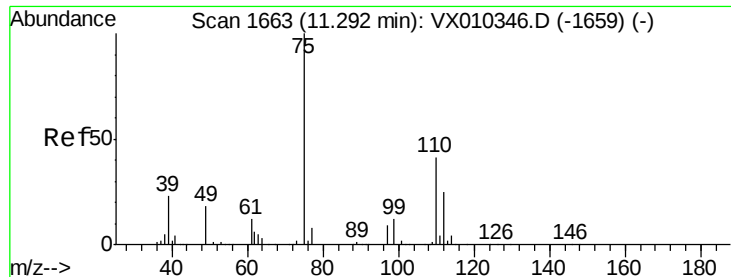
Acq: 10 Jul 2019 19:53

Tgt Ion: 83 Resp: 1221

Ion Ratio Lower Upper

83	100		
131	0.0	5.5	16.4#
85	15.4	32.3	96.8#

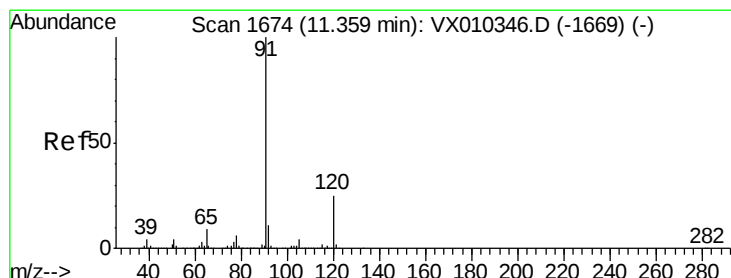
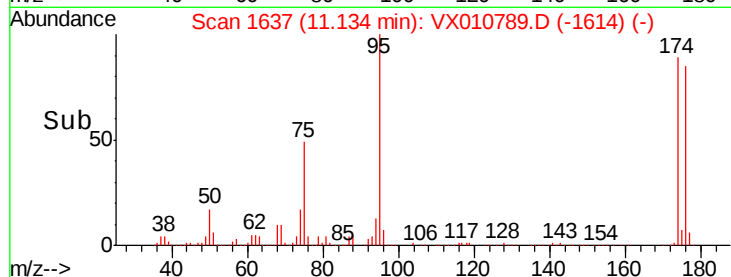
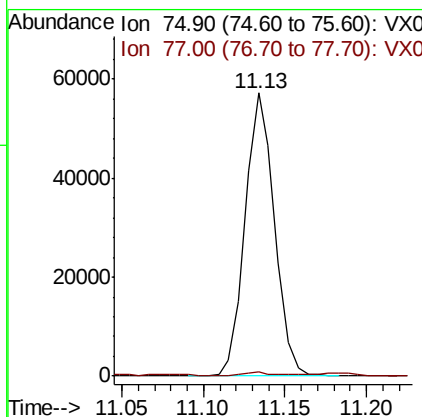
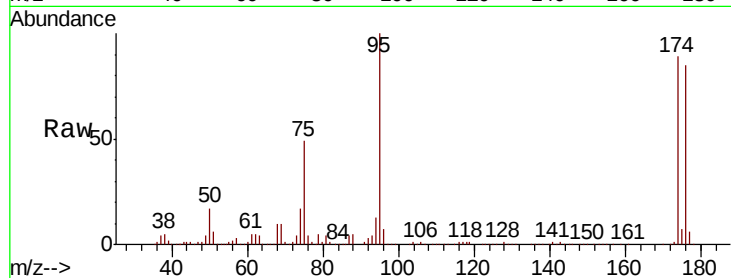




#76
1,2,3-Trichloropropane
Concen: 24.624 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

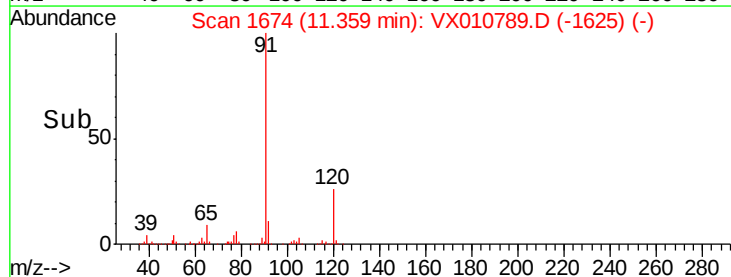
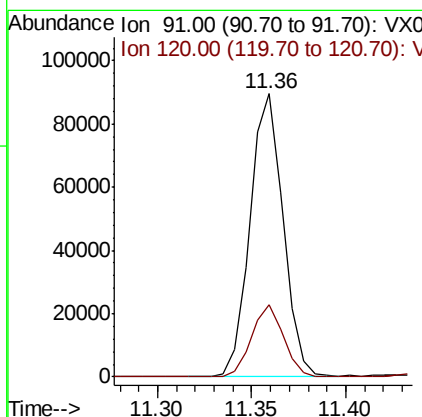
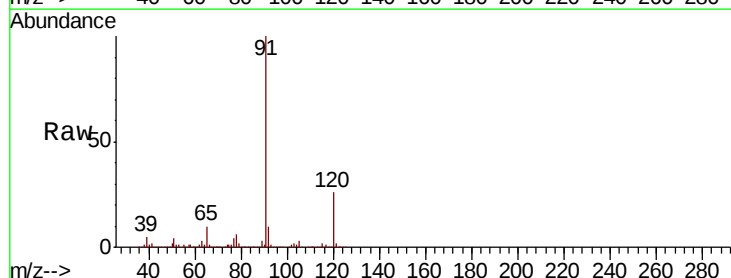
Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-3

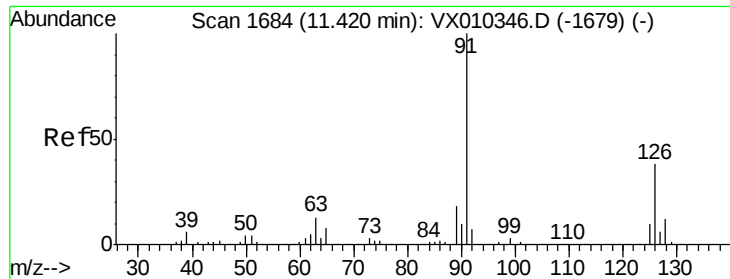
Tot Ion: 75 Resp: 71783
Ion Ratio Lower Upper
75 100
77 1.4 22.6 67.8#



#78
n-propylbenzene
Concen: 9.137 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion: 91 Resp: 108900
Ion Ratio Lower Upper
91 100
120 24.9 12.4 37.4

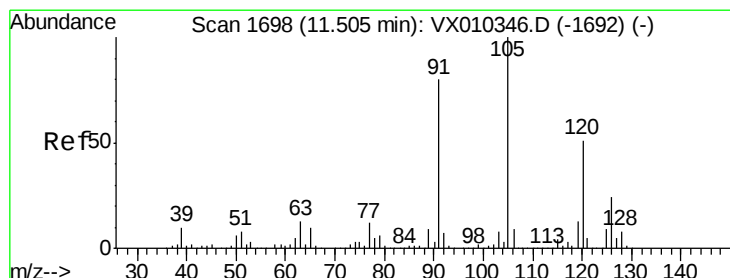
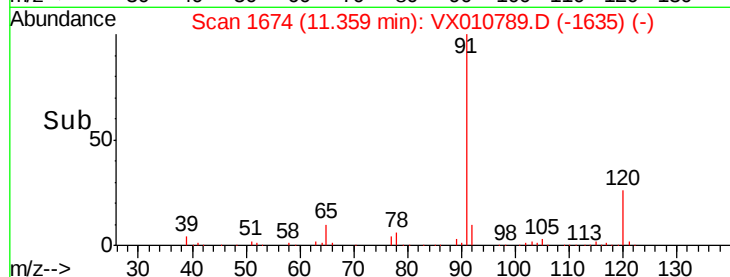
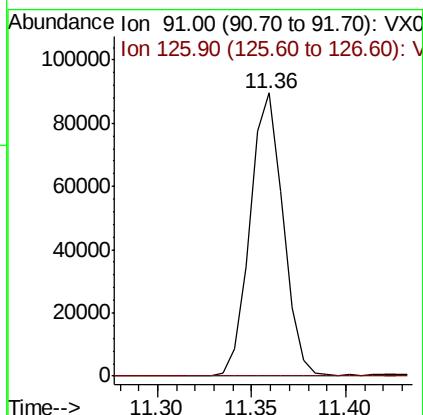
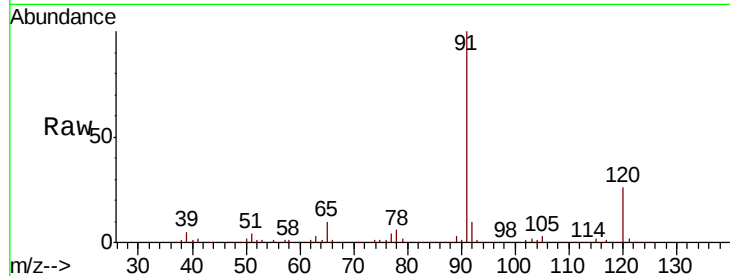




#79
 2-Chlorotoluene
 Concen: 15.345 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

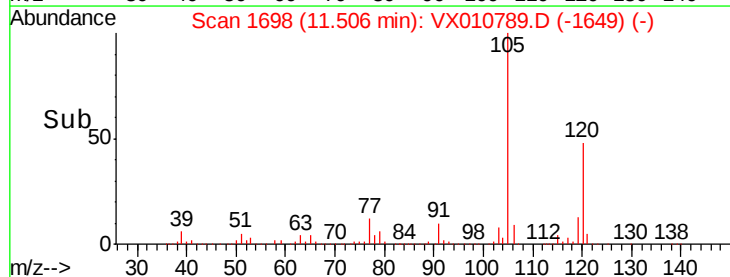
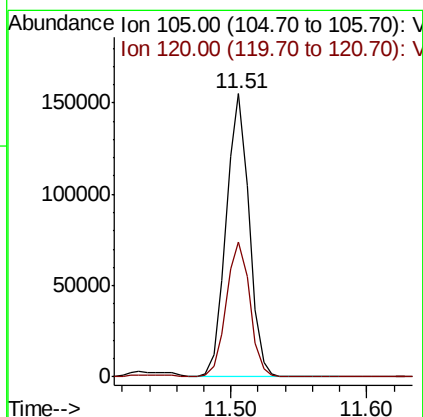
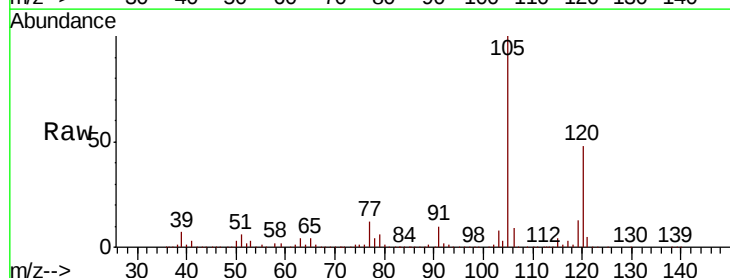
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-SAMPLE-3

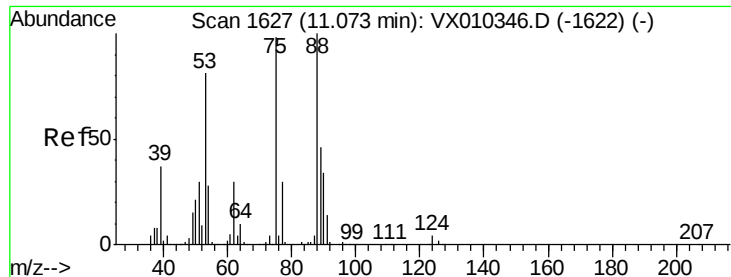
Tot Ion: 91 Resp: 108900
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.7 56.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 20.193 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

Tgt Ion:105 Resp: 180523
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 57.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-3

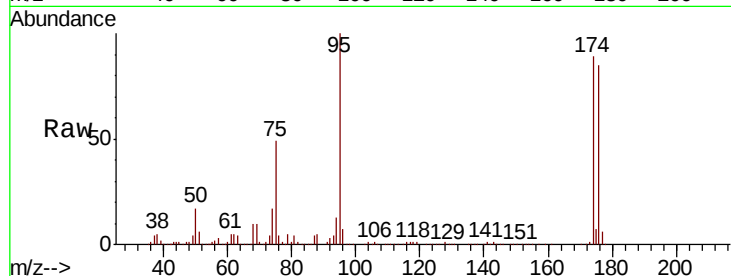
Tot Ion: 75 Resp: 71783

Ion Ratio Lower Upper

75 100

53 0.3 66.1 99.1#

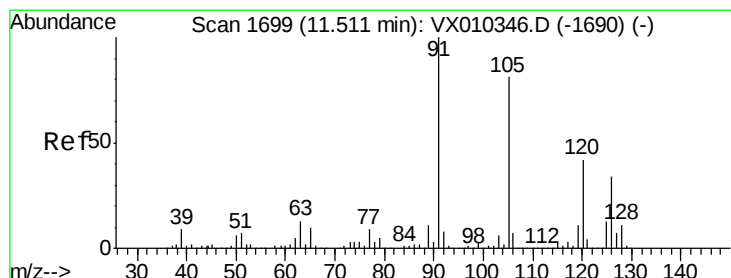
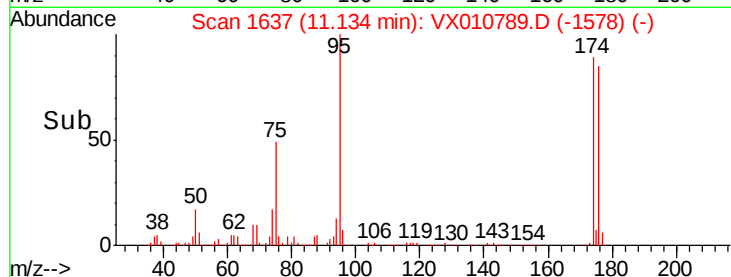
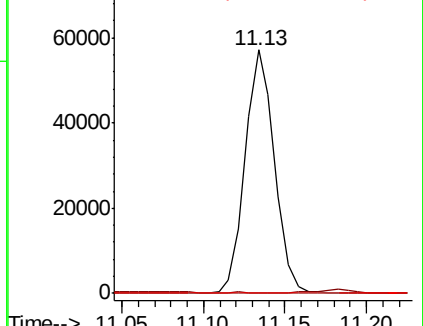
89 0.0 37.8 56.6#



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



#82

4-Chlorotoluene

Concen: 2.275 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010789.D

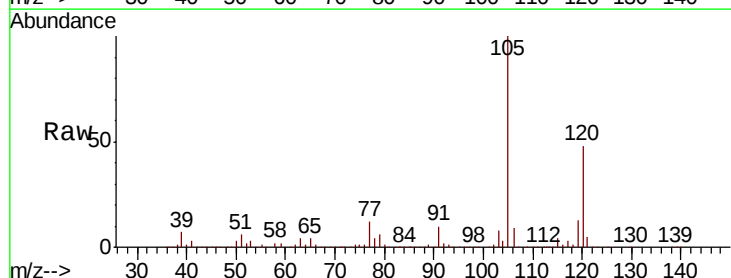
Acq: 10 Jul 2019 19:53

Tgt Ion: 91 Resp: 18371

Ion Ratio Lower Upper

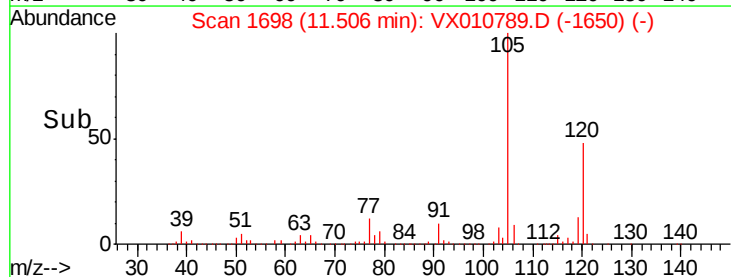
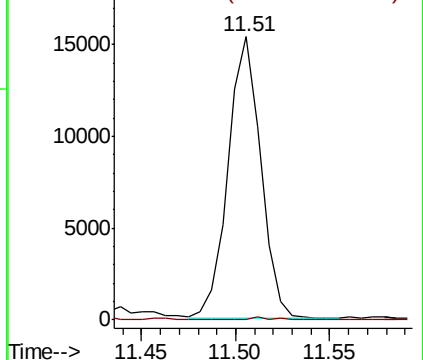
91 100

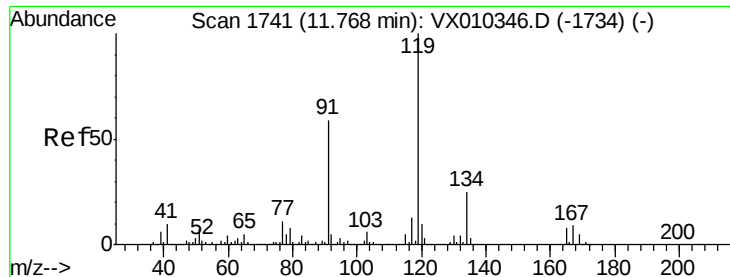
126 0.6 16.2 48.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

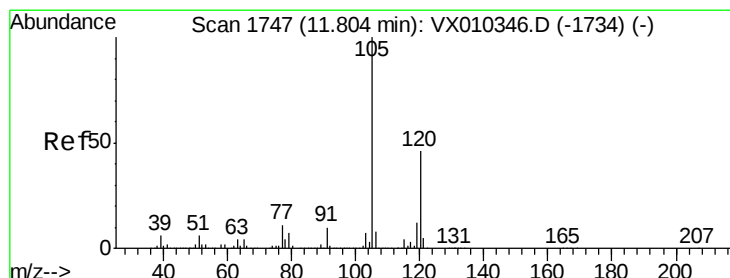
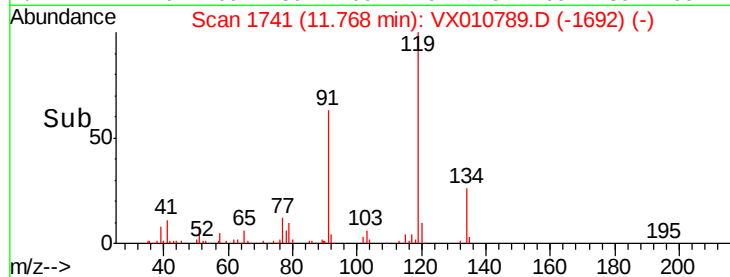
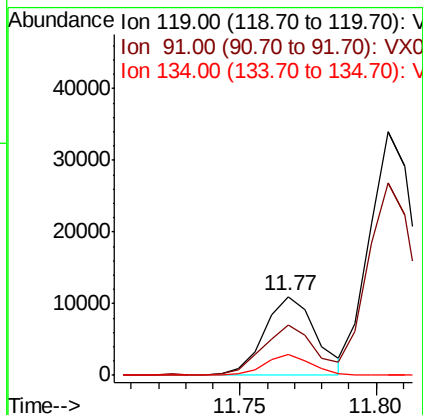
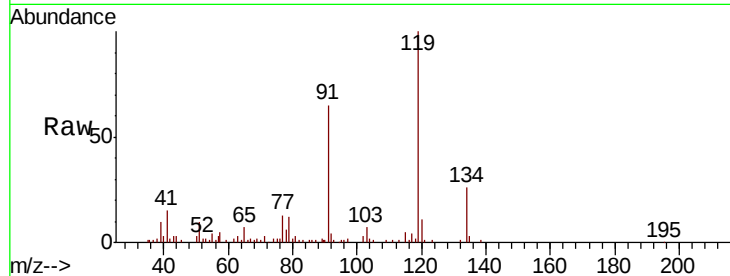




#83
 tert-Butylbenzene
 Concen: 1.607 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

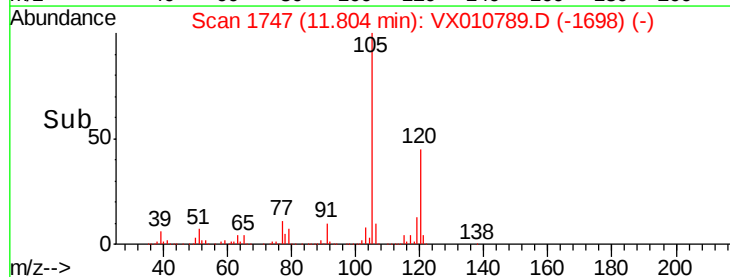
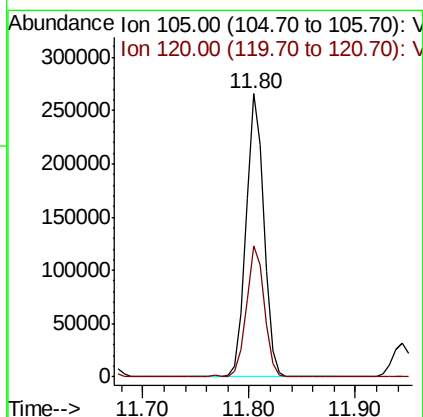
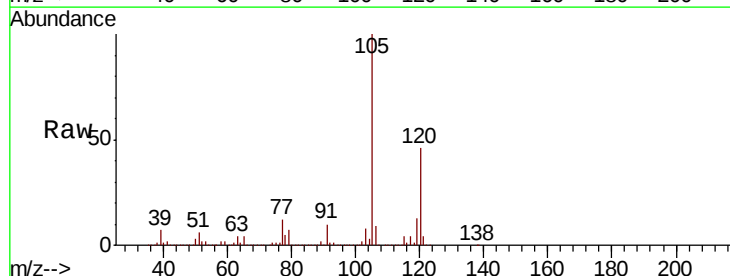
Instrument :
 MSVOA_X
 ClientSampled :
 SOIL-SAMPLE-3

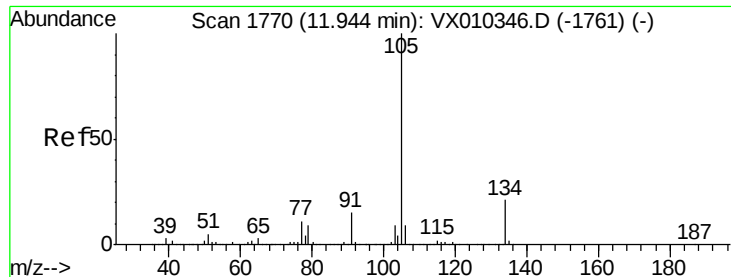
Tot Ion:119 Resp: 14417
 Ion Ratio Lower Upper
 119 100
 91 65.1 27.6 82.7
 134 24.6 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 34.782 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010789.D
 Acq: 10 Jul 2019 19:53

Tgt Ion:105 Resp: 312401
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2





#85

sec-Butylbenzene

Concen: 3.602 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

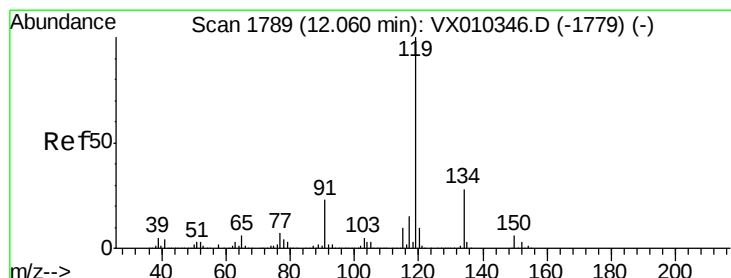
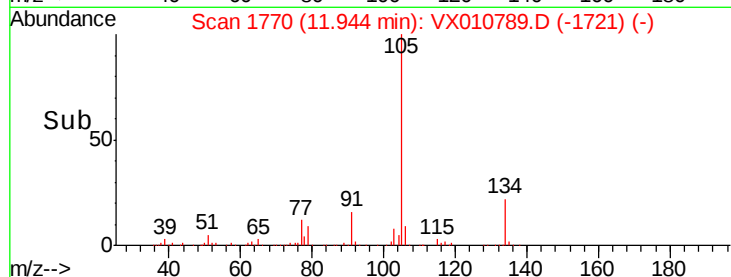
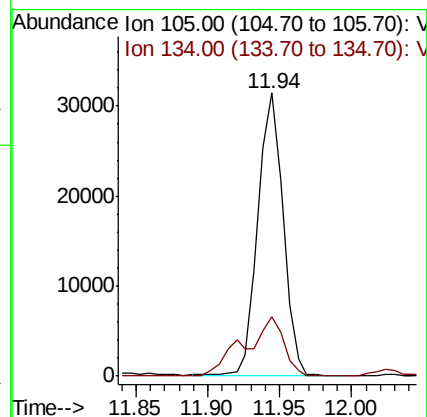
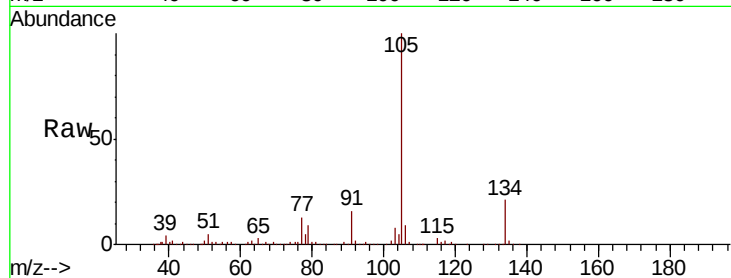
SOIL-SAMPLE-3

Tot Ion:105 Resp: 37949

Ion Ratio Lower Upper

105 100

134 18.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 1.579 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

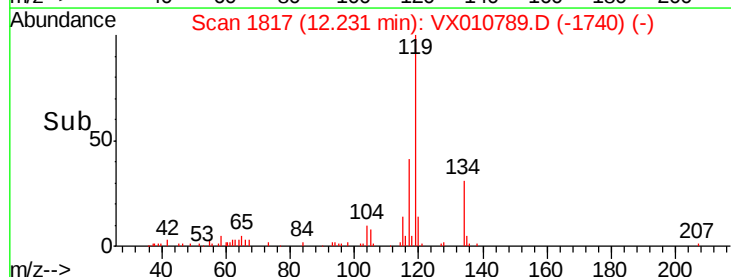
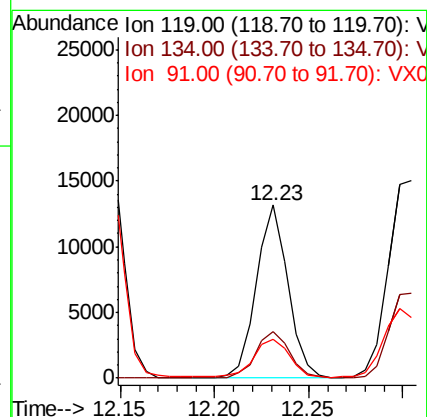
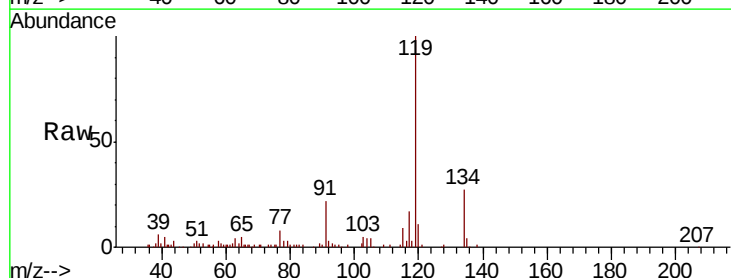
Tgt Ion:119 Resp: 15384

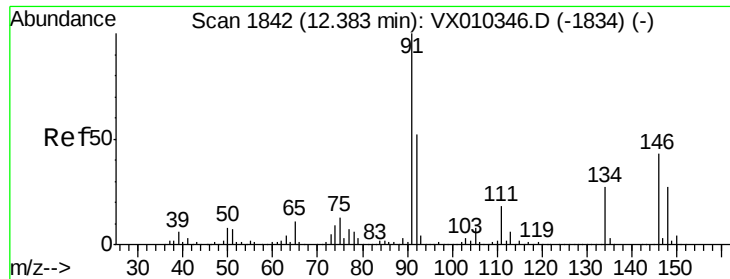
Ion Ratio Lower Upper

119 100

134 28.9 13.7 41.1

91 24.7 11.3 33.8

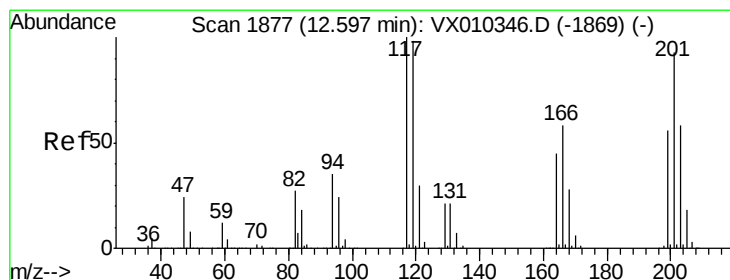
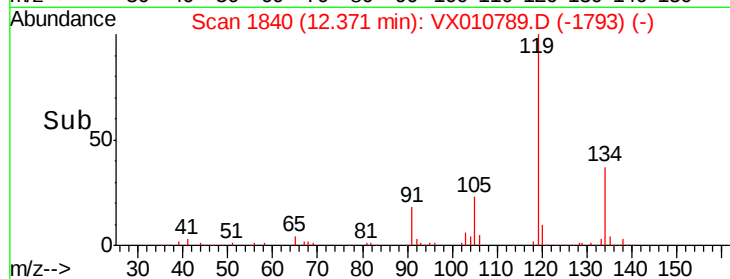
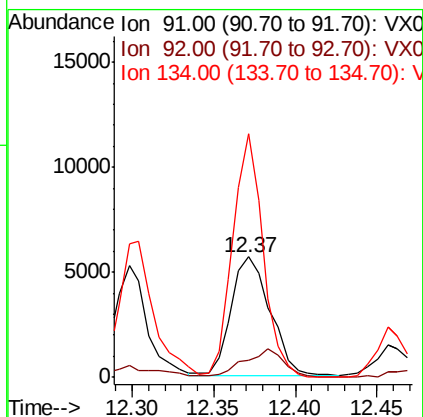
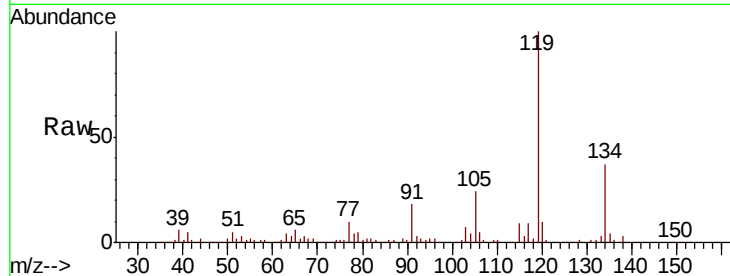




#89
n-Butylbenzene
Concen: 1.122 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

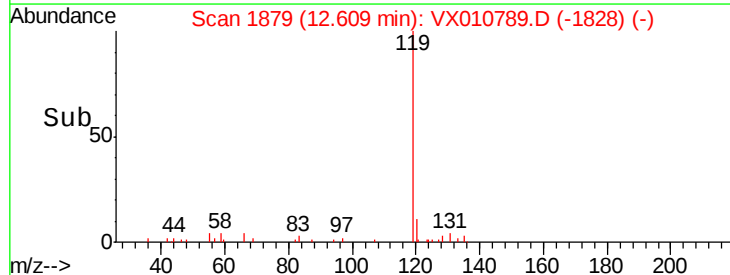
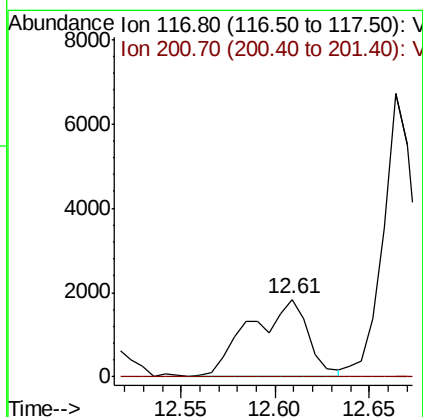
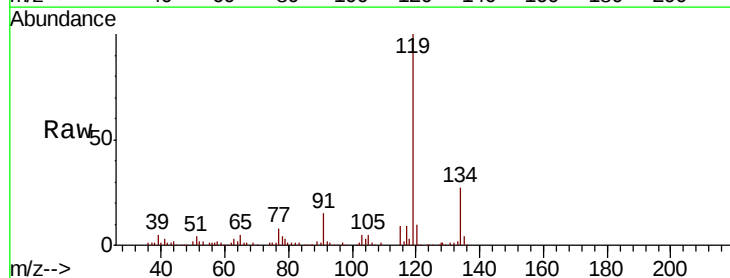
Instrument :
MSVOA_X
ClientSampleId :
SOIL-SAMPLE-3

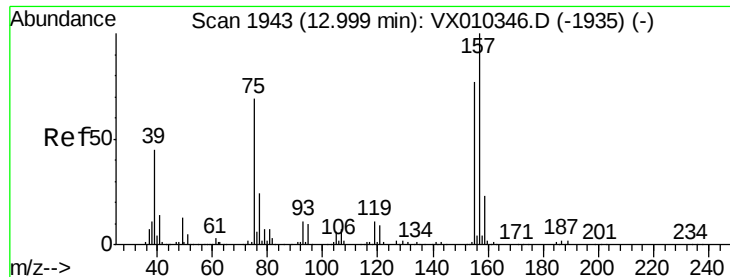
Tot Ion: 91 Resp: 9291
Ion Ratio Lower Upper
91 100
92 24.5 26.2 78.5#
134 161.6 14.1 42.4#



#90
Hexachloroethane
Concen: 2.364 ug/l
RT: 12.61 min Scan# 1879
Delta R.T. 0.01 min
Lab File: VX010789.D
Acq: 10 Jul 2019 19:53

Tgt Ion: 117 Resp: 3983
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.526 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

SOIL-SAMPLE-3

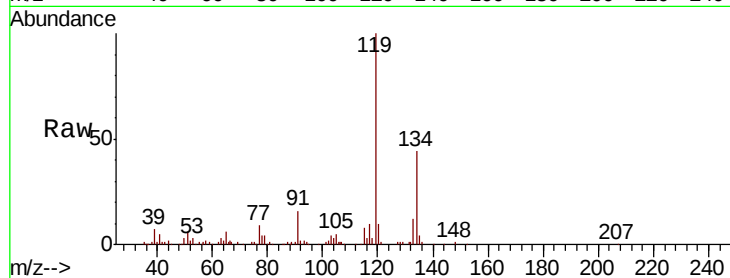
Tot Ion: 75 Resp: 407

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

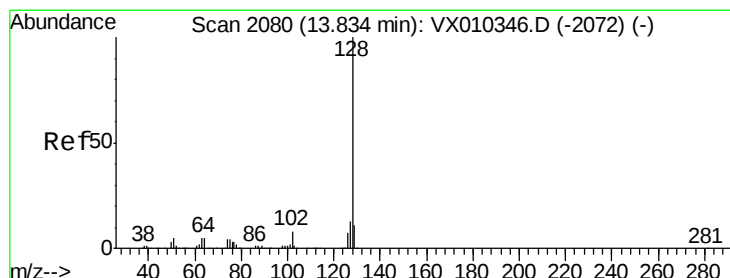
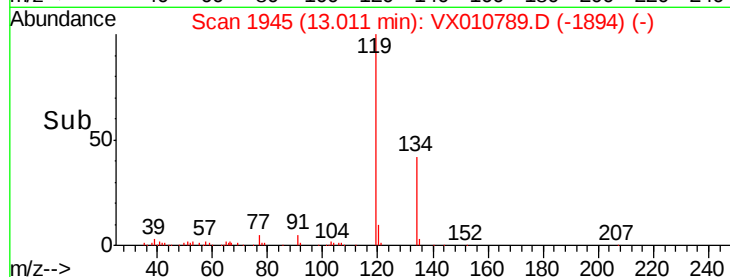
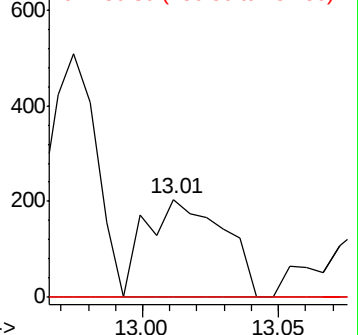
157 0.0 69.5 208.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 6.668 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010789.D

Acq: 10 Jul 2019 19:53

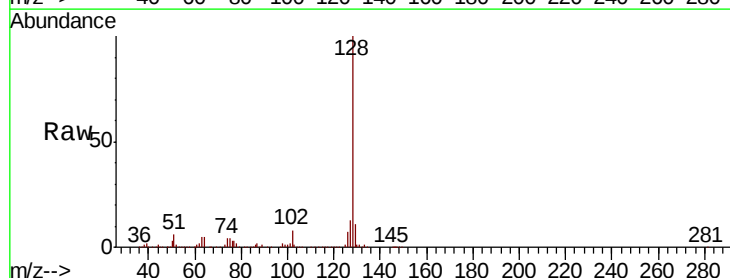
Tgt Ion:128 Resp: 74653

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.8 8.9 13.3



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

