

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016867.D
 Acq On : 19 Jun 2020 02:56
 Operator : JC/SP
 Sample : L3048-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Jun 19 04:05:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

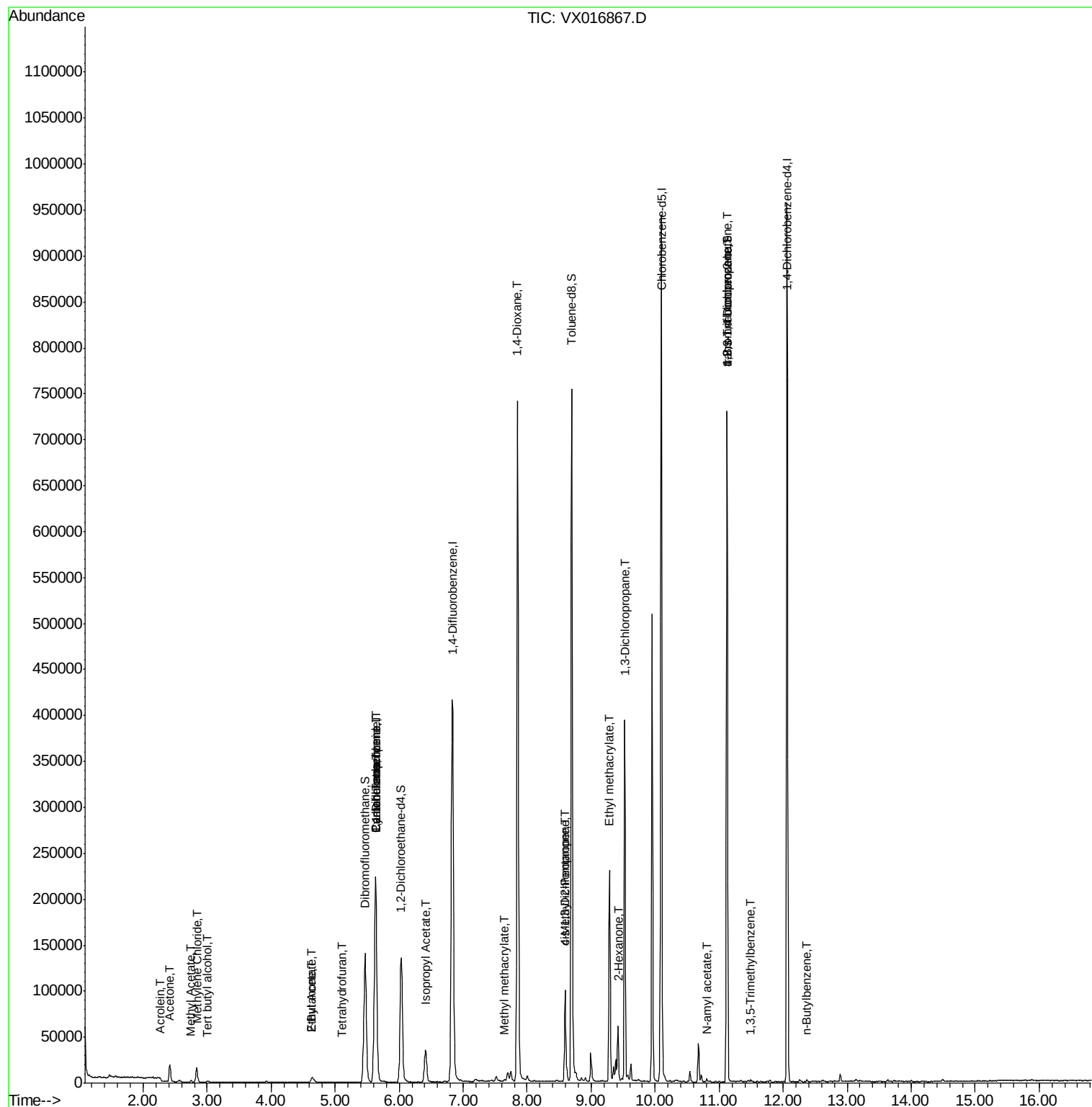
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	224336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	443353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	445104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	132893	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.47	113	116191	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
50) Toluene-d8	8.70	98	458461	40.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.80%	
62) 4-Bromofluorobenzene	11.12	95	189930	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	147	Below Cal	#	43
5) Bromomethane	1.61	94	52	Below Cal	#	3
11) Tert butyl alcohol	3.01	59	1409	3.089	ug/l #	81
13) Acrolein	2.27	56	228	0.824	ug/l #	73
16) Acetone	2.42	43	19166	8.595	ug/l	92
18) Methyl Acetate	2.75	43	2291	0.920	ug/l	94
20) Methylene Chloride	2.84	84	8078	3.439	ug/l	94
25) 2-Butanone	4.64	43	5540	4.110	ug/l	98
29) Tetrahydrofuran	5.11	42	704	0.829	ug/l #	48
31) Cyclohexane	5.64	56	3734	1.119	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15054	3.677	ug/l #	49
37) Ethyl Acetate	4.64	43	5676	1.569	ug/l #	65
38) Carbon Tetrachloride	5.64	117	20842	4.538	ug/l #	15
43) Isopropyl Acetate	6.41	43	49095	7.773	ug/l	99
48) Methyl methacrylate	7.65	41	3199	1.076	ug/l #	12
49) 1,4-Dioxane	7.84	88	131	1.968	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	34641	9.119	ug/l #	44
54) cis-1,3-Dichloropropene	8.59	75	18017	3.440	ug/l #	59
56) Ethyl methacrylate	9.29	69	915	0.205	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	3609	0.692	ug/l #	44
59) 2-Hexanone	9.42	43	38053	3.927	ug/l #	21
73) Isopropylbenzene	11.01	105	362	Below Cal		97
74) N-ethyl acetate	10.81	43	1649	0.371	ug/l #	42
76) 1,2,3-Trichloropropane	11.12	75	90616	25.041	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.49	105	699	0.267	ug/l	80
81) trans-1,4-Dichloro-2-buten	11.12	75	90616	61.492	ug/l #	14
89) n-Butylbenzene	12.37	91	934	3.094	ug/l	89

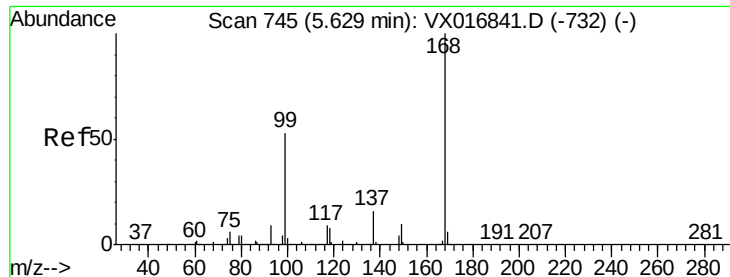
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

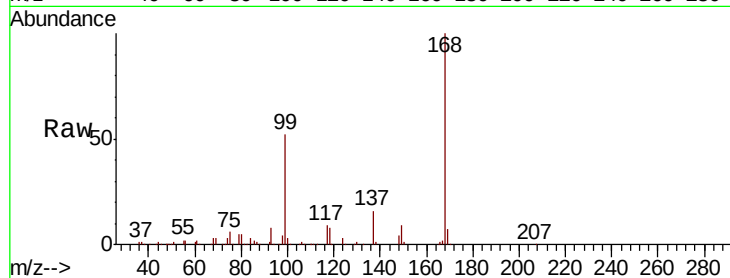
SOIL-CUTTINGS

Tot Ion:168 Resp: 224336

Ion Ratio Lower Upper

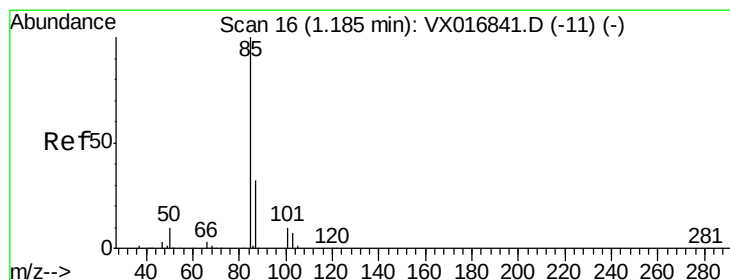
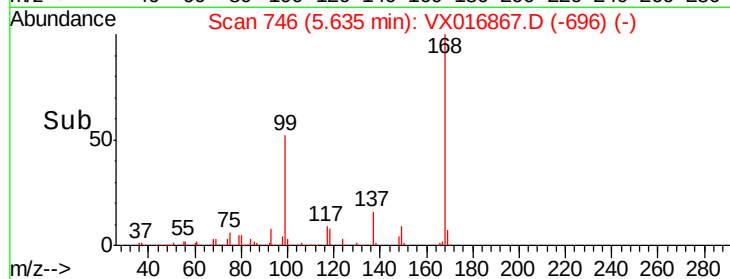
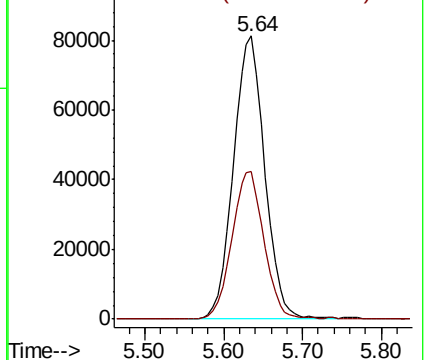
168 100

99 52.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016867.D

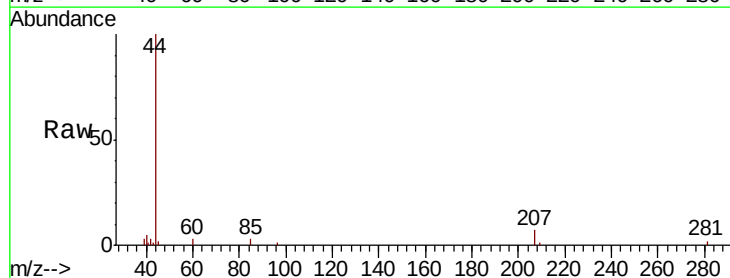
Acq: 19 Jun 2020 02:56

Tgt Ion: 85 Resp: 147

Ion Ratio Lower Upper

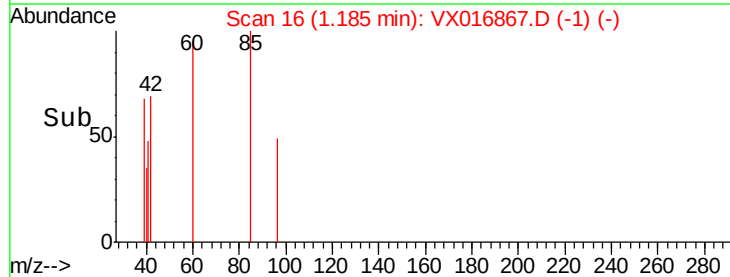
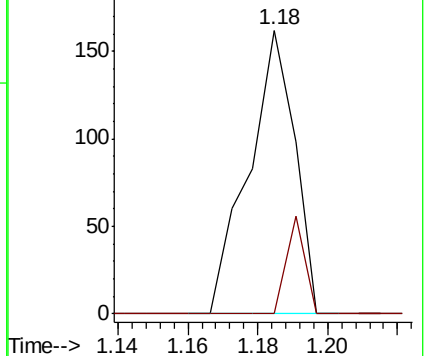
85 100

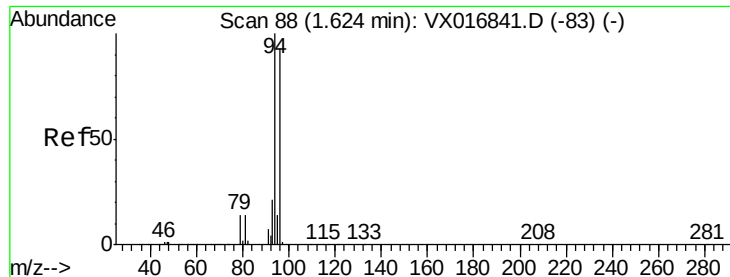
87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 85

Delta R.T. -0.02 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

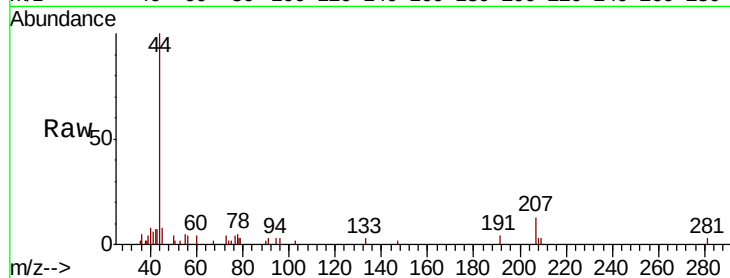
SOIL-CUTTINGS

Tot Ion: 94 Resp: 52

Ion Ratio Lower Upper

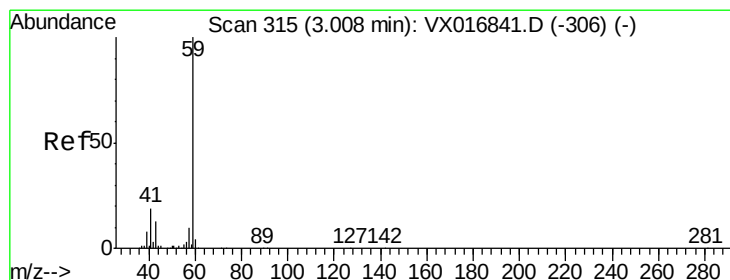
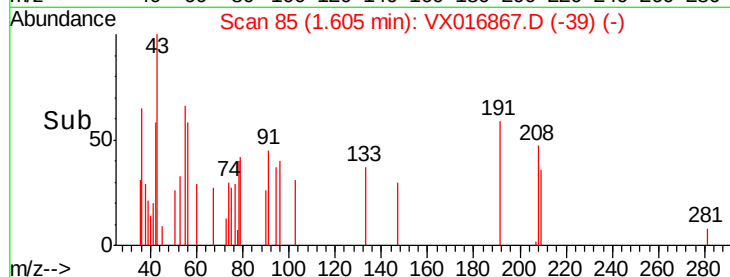
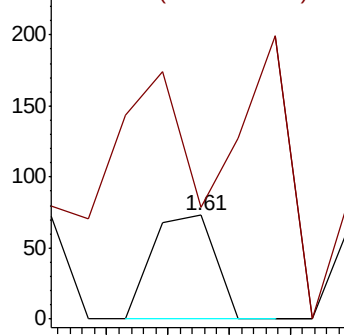
94 100

96 0.0 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 3.089 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.00 min

Lab File: VX016867.D

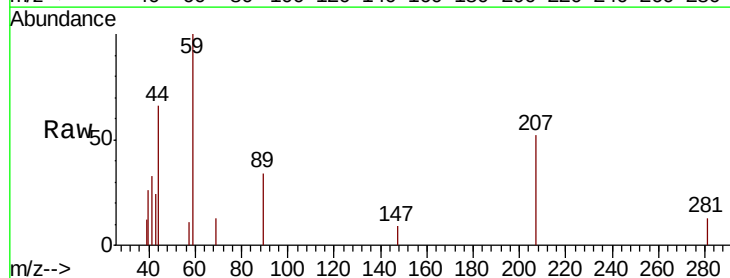
Acq: 19 Jun 2020 02:56

Tgt Ion: 59 Resp: 1409

Ion Ratio Lower Upper

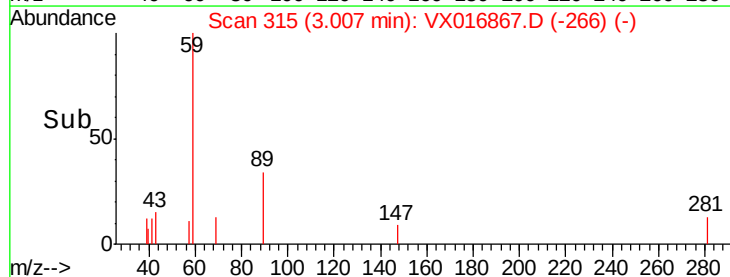
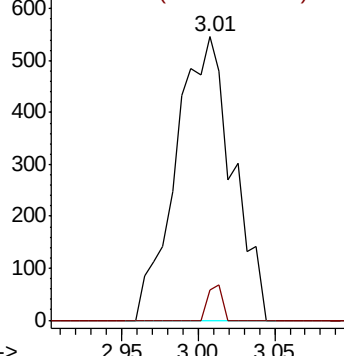
59 100

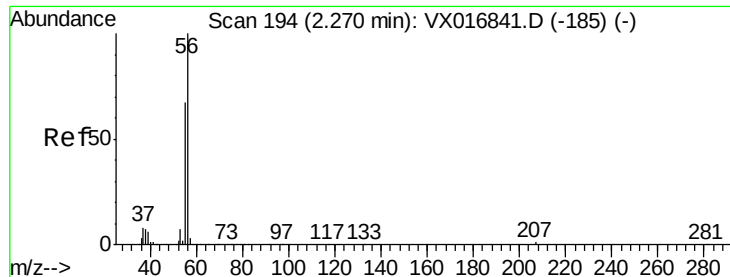
57 3.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.824 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

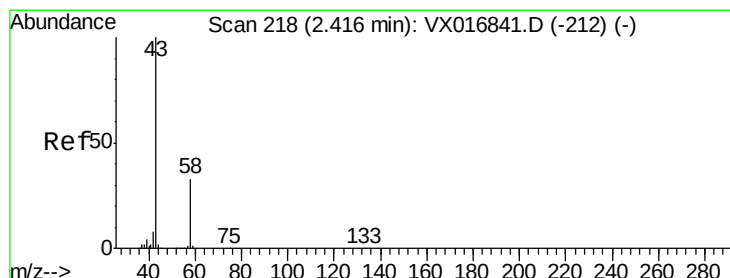
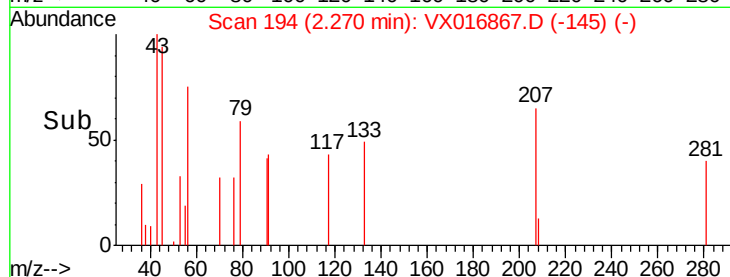
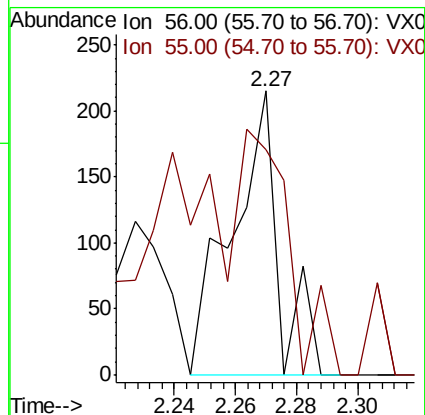
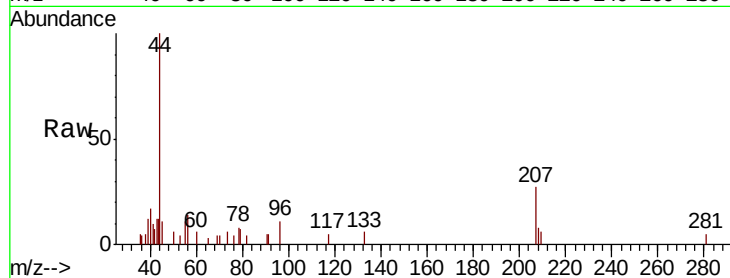
SOIL-CUTTINGS

Tot Ion: 56 Resp: 228

Ion Ratio Lower Upper

56 100

55 91.7 55.7 83.5#



#16

Acetone

Concen: 8.595 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016867.D

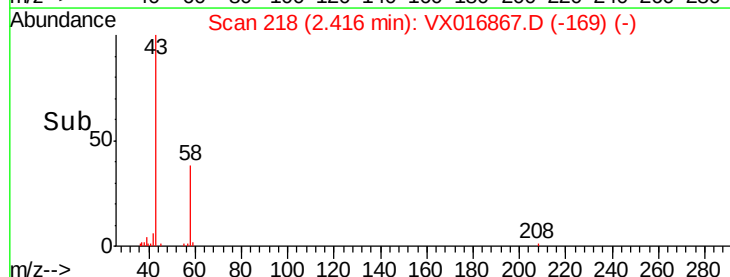
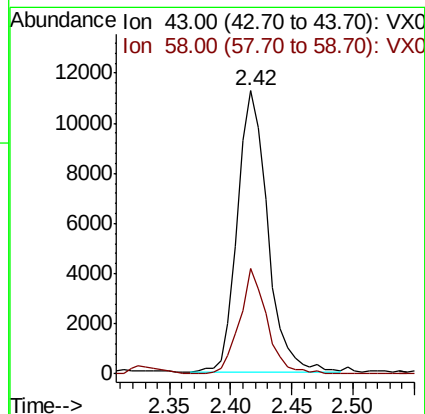
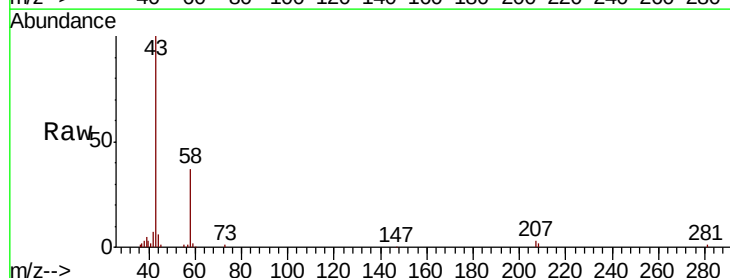
Acq: 19 Jun 2020 02:56

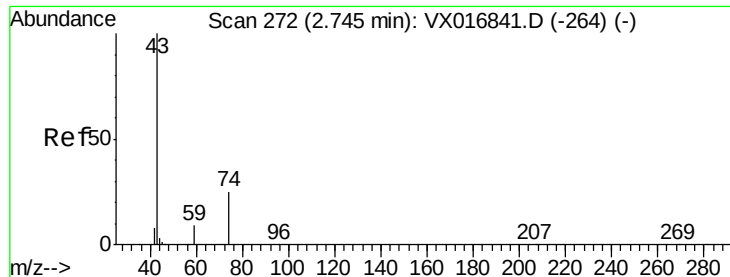
Tgt Ion: 43 Resp: 19166

Ion Ratio Lower Upper

43 100

58 37.6 26.6 39.8

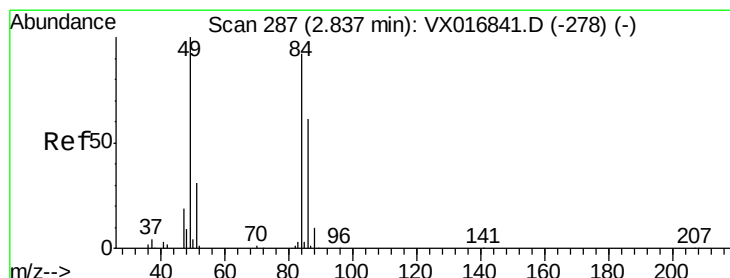
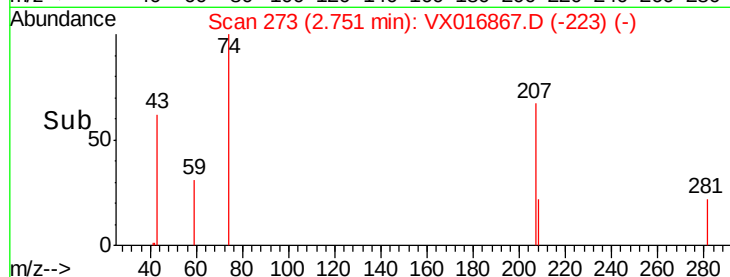
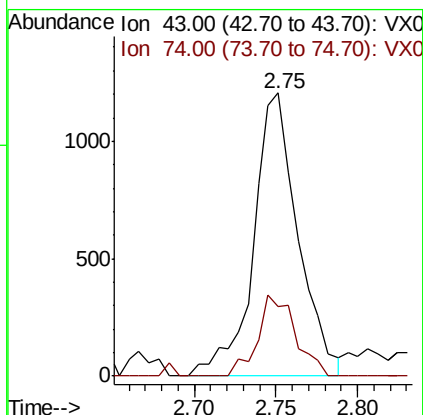
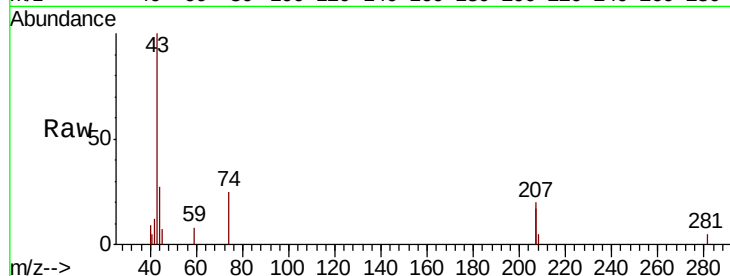




#18
Methyl Acetate
Concen: 0.920 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

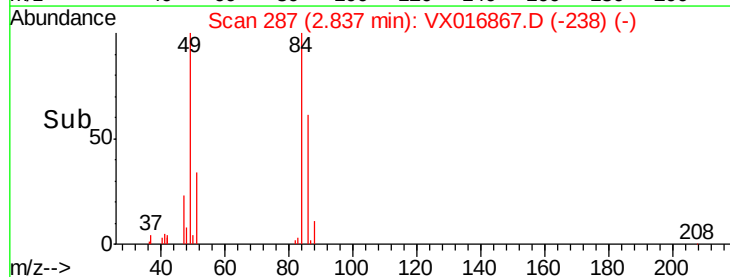
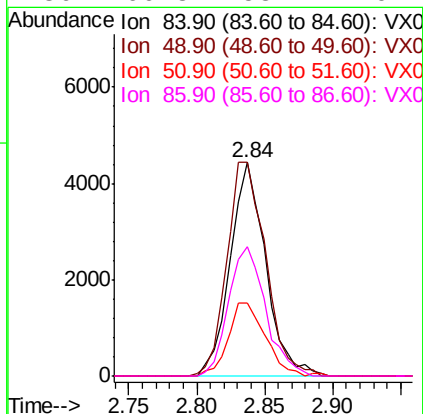
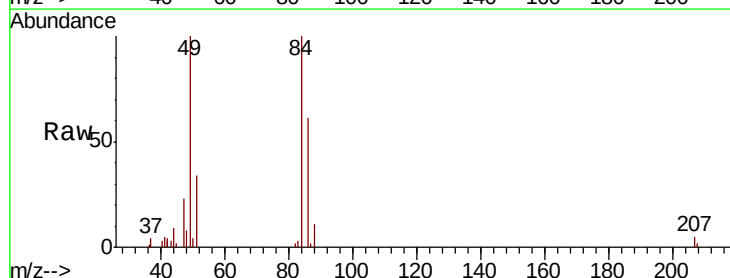
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

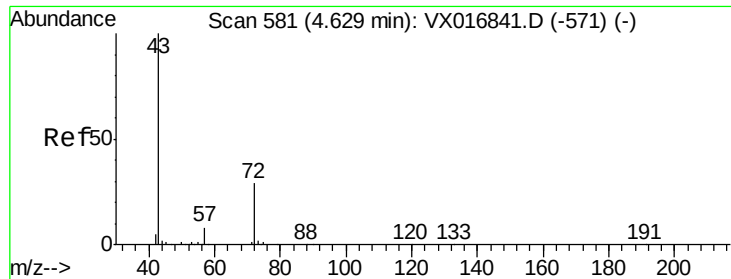
Tot Ion: 43 Resp: 2291
Ion Ratio Lower Upper
43 100
74 24.1 21.8 32.8



#20
Methylene Chloride
Concen: 3.439 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

Tgt Ion: 84 Resp: 8078
Ion Ratio Lower Upper
84 100
49 100.0 86.6 129.8
51 34.3 27.1 40.7
86 60.8 53.1 79.7





#25

2-Butanone

Concen: 4.110 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

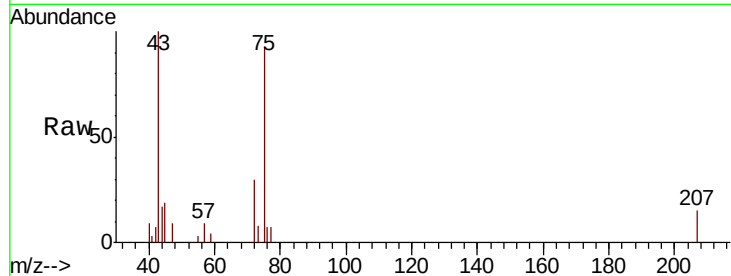
SOIL-CUTTINGS

Tot Ion: 43 Resp: 5540

Ion Ratio Lower Upper

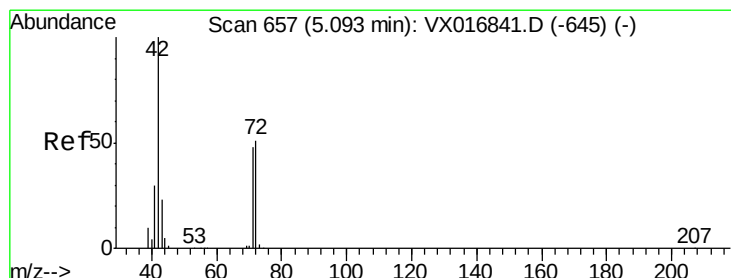
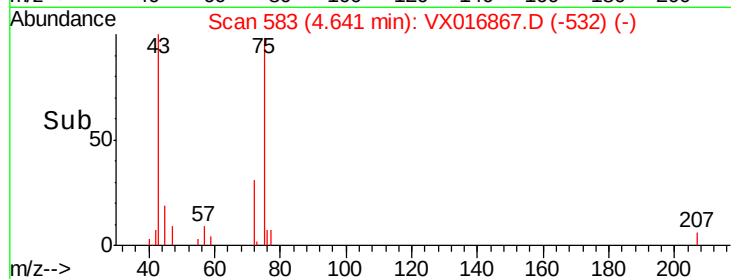
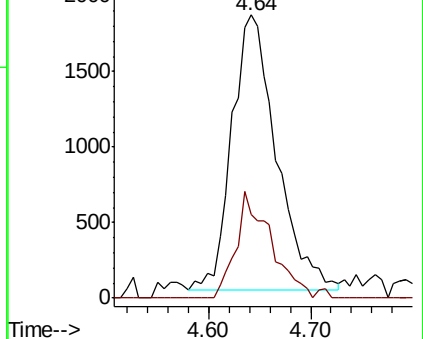
43 100

72 30.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 0.829 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

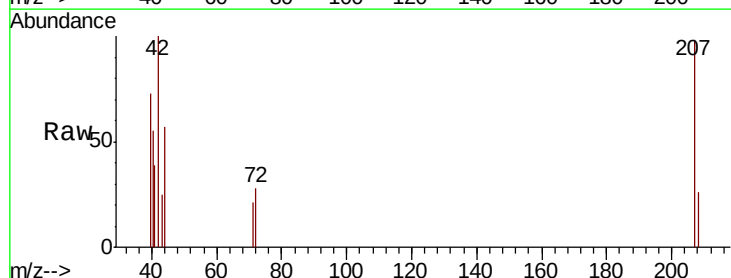
Tgt Ion: 42 Resp: 704

Ion Ratio Lower Upper

42 100

72 18.6 41.1 61.7#

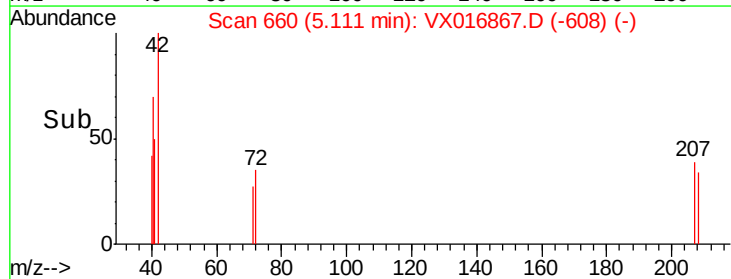
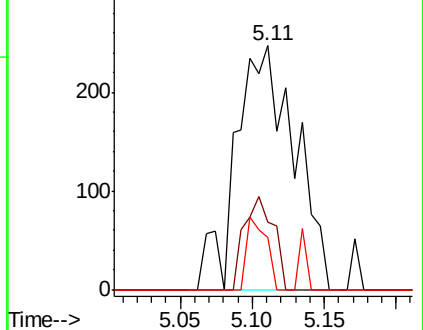
71 9.7 38.4 57.6#

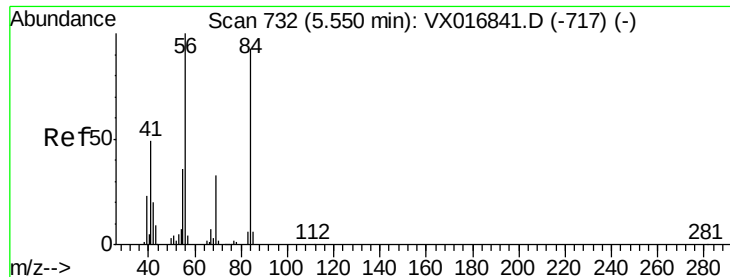


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

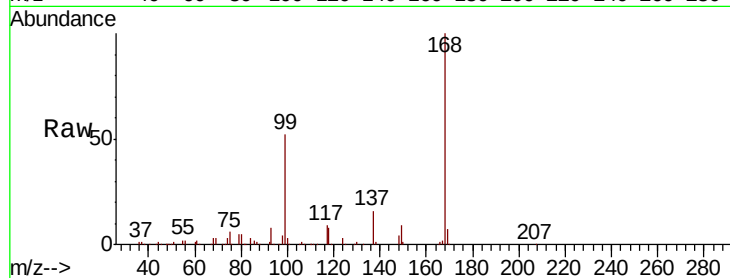




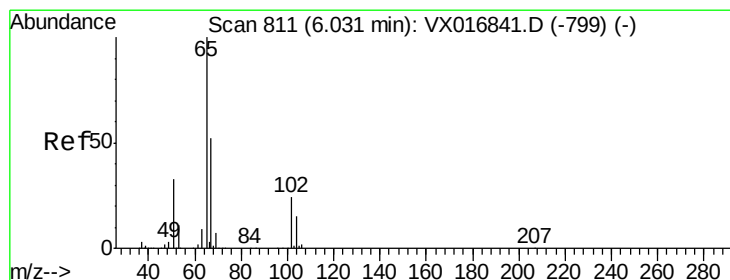
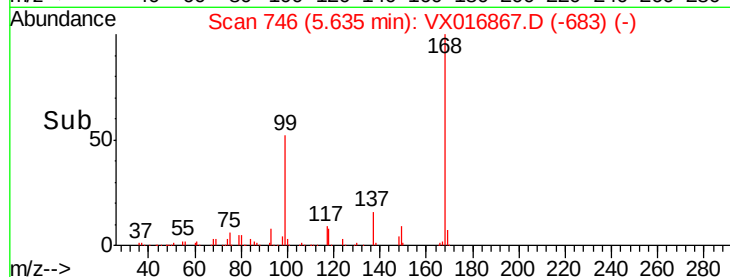
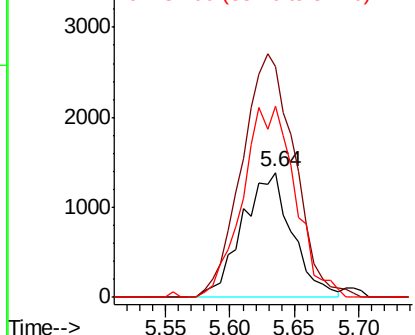
#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

Tot Ion: 56 Resp: 3734
Ion Ratio Lower Upper
56 100
69 185.4 26.1 39.1#
84 153.4 73.0 109.6#

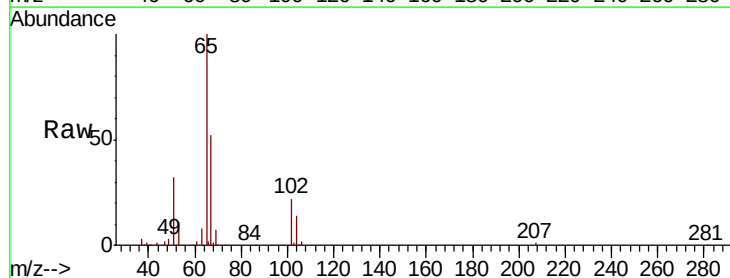


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

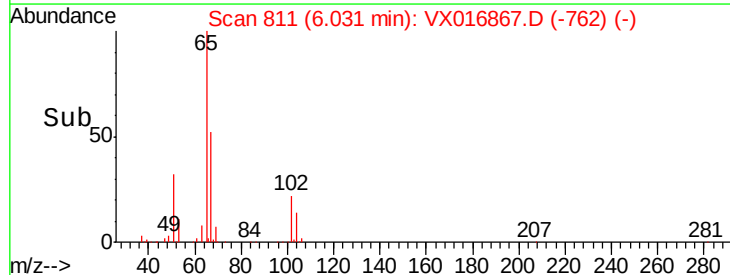
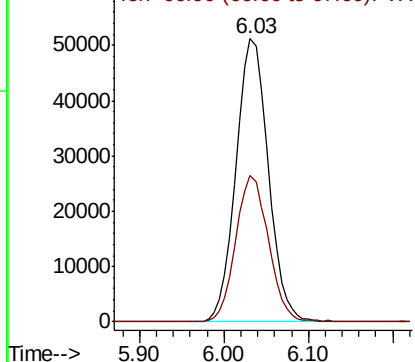


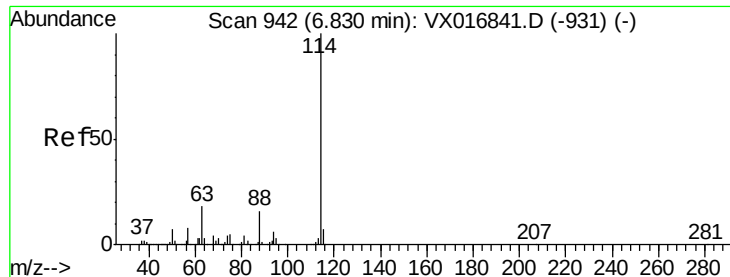
#33
1,2-Dichloroethane-d4
Concen: 49.255 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

Tgt Ion: 65 Resp: 132893
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.6



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

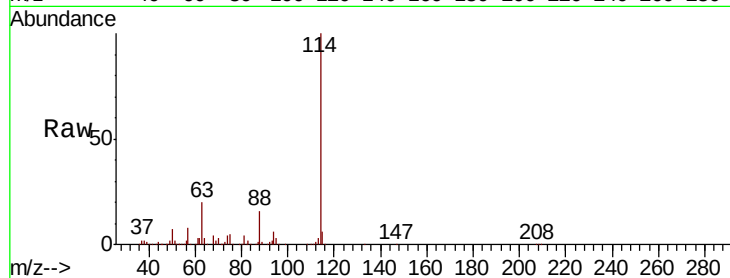
Tot Ion:114 Resp: 443353

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.0

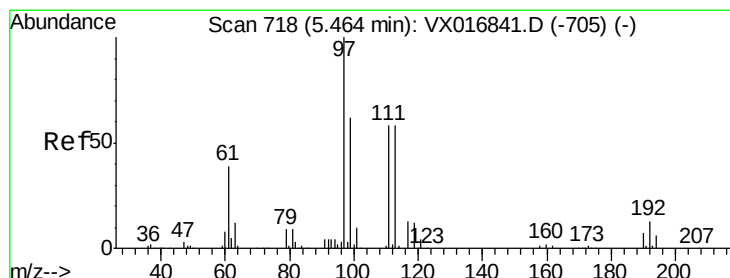
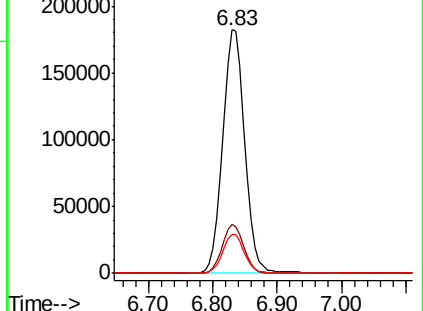
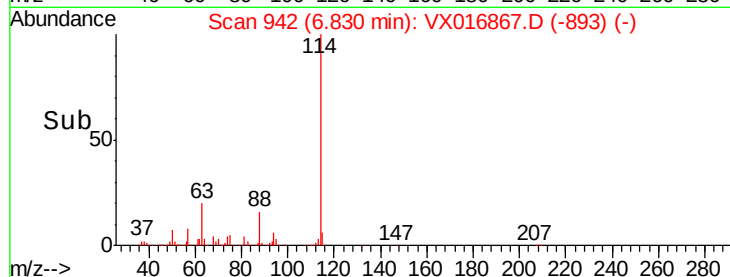
88 15.9 0.0 32.0



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: 40.968 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

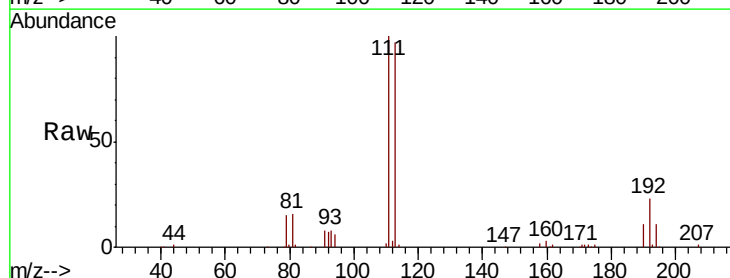
Tgt Ion:113 Resp: 116191

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

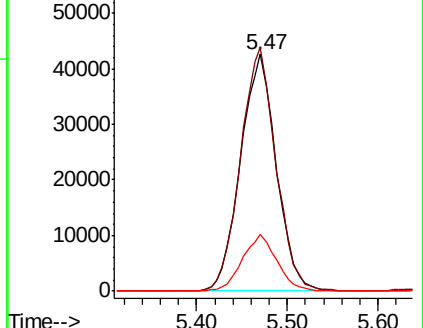
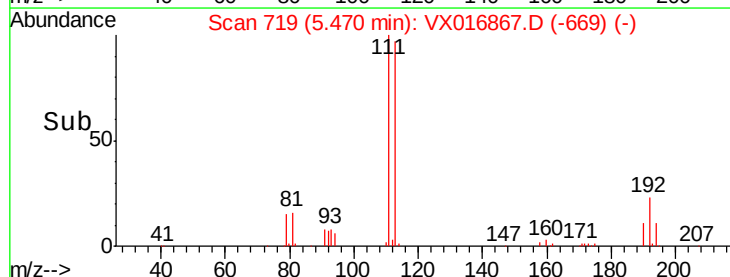
192 23.1 18.5 27.7

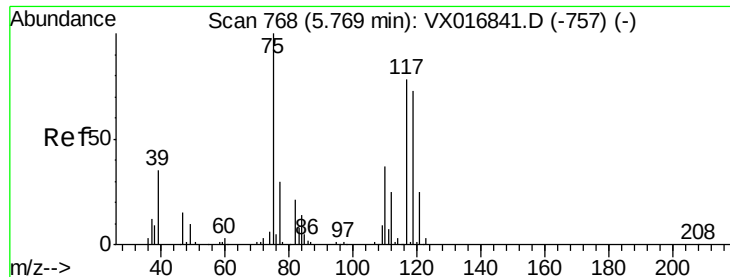


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

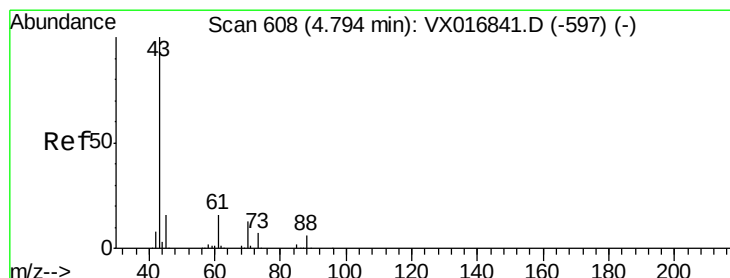
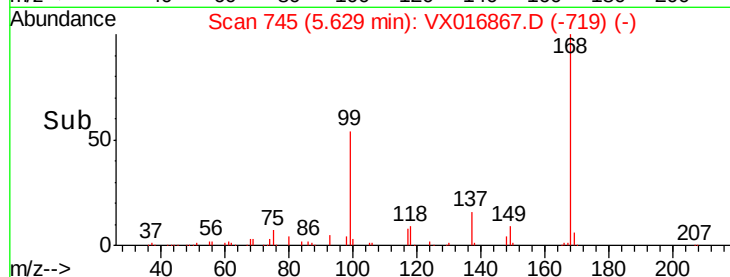
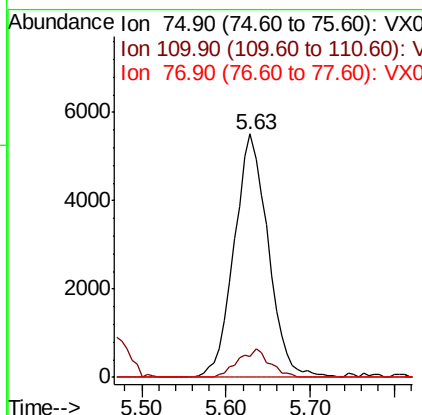
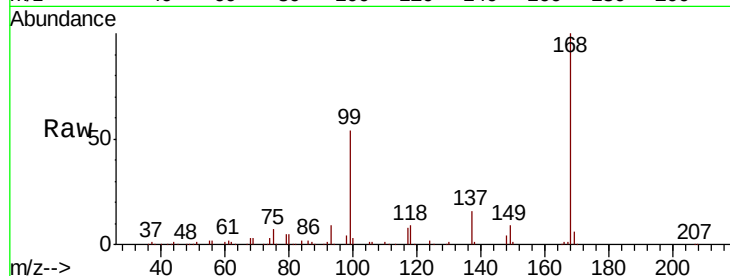




#36
 1,1-Dichloropropene
 Concen: 3.677 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016867.D
 Acq: 19 Jun 2020 02:56

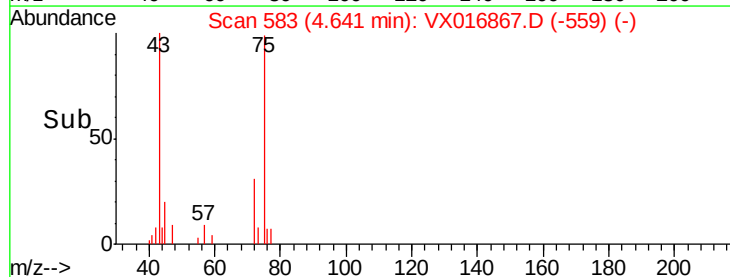
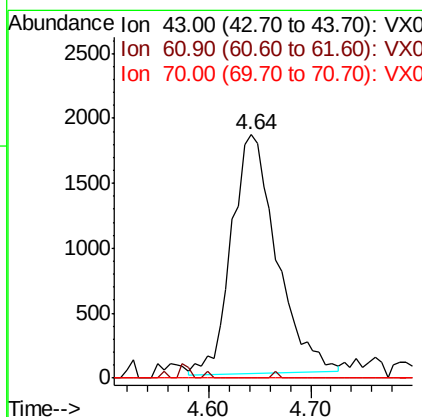
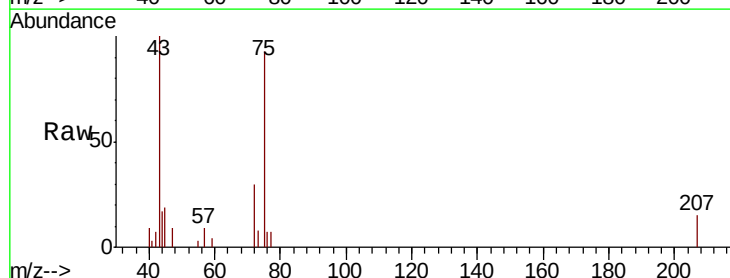
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

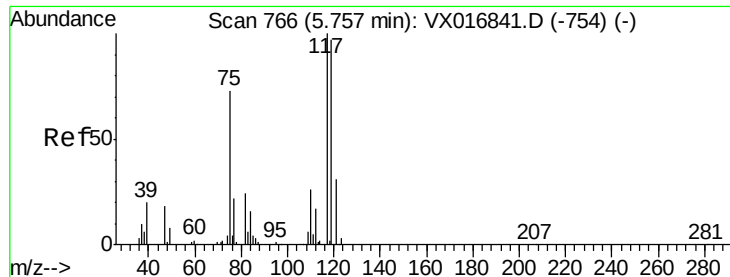
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.9	56.9#
77	0.0	25.6	38.4#



#37
 Ethyl Acetate
 Concen: 1.569 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. -0.15 min
 Lab File: VX016867.D
 Acq: 19 Jun 2020 02:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.2#
70	0.0	10.5	15.7#





#38

Carbon Tetrachloride

Concen: 4.538 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

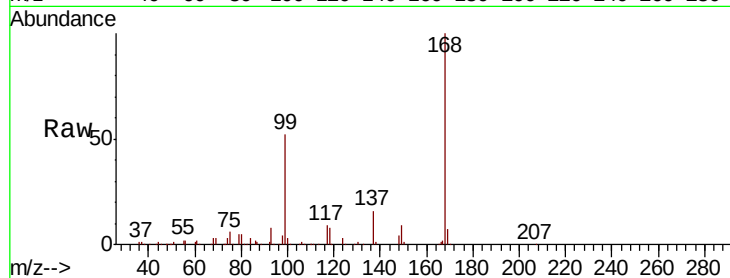
Tot Ion:117 Resp: 20842

Ion Ratio Lower Upper

117 100

119 4.7 77.4 116.2#

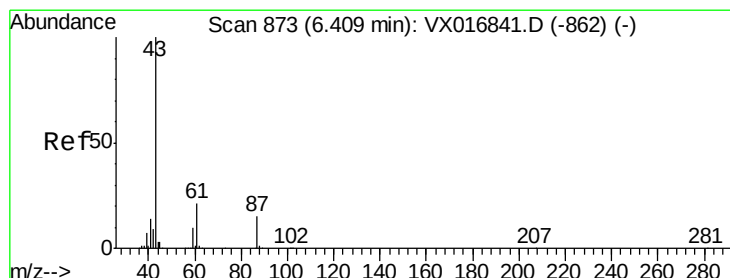
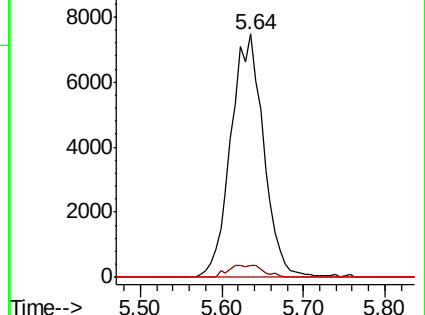
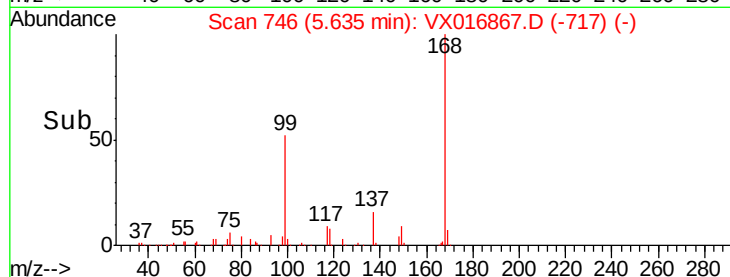
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 7.773 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

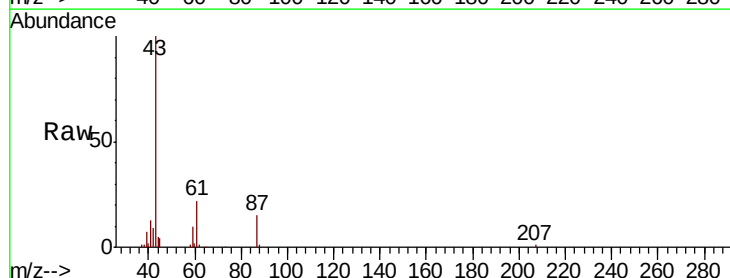
Tgt Ion: 43 Resp: 49095

Ion Ratio Lower Upper

43 100

61 21.8 17.9 26.9

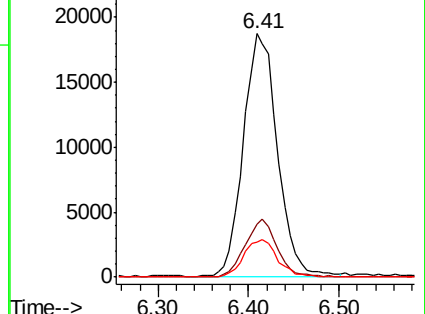
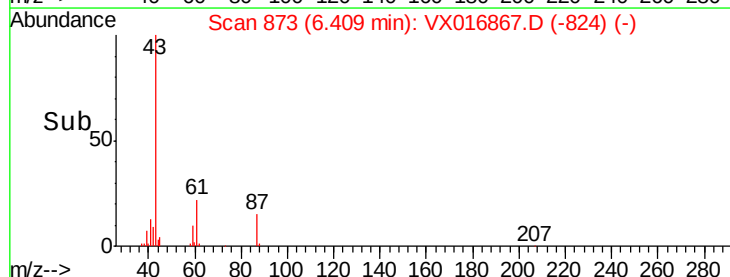
87 15.1 12.4 18.6

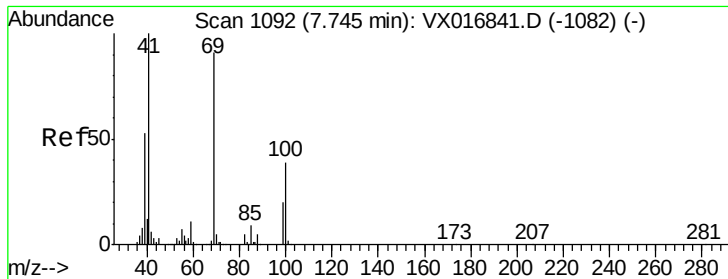


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

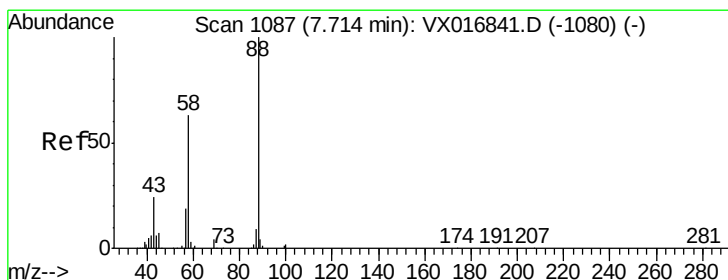
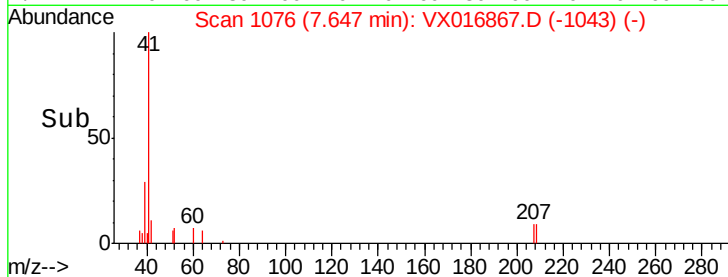
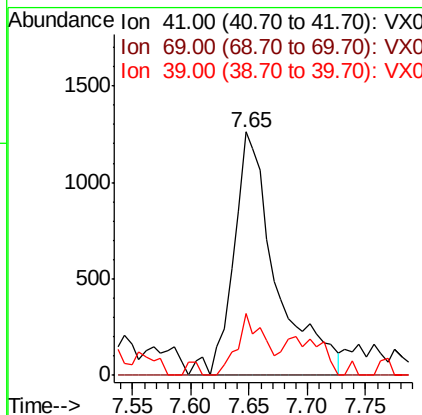
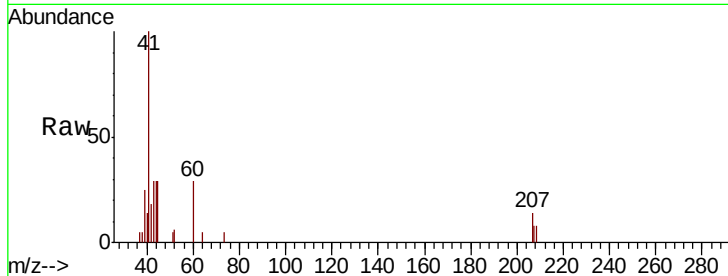




#48
Methvl methacrylate
Concen: 1.076 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.10 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

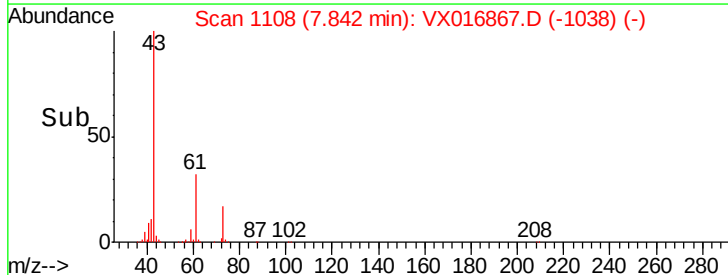
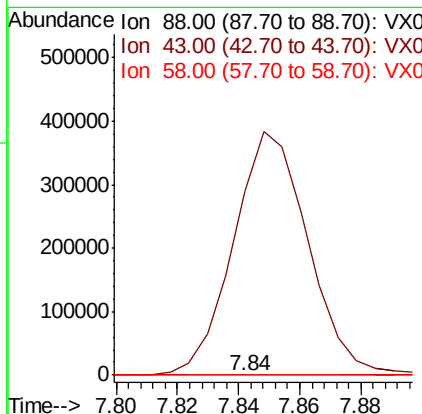
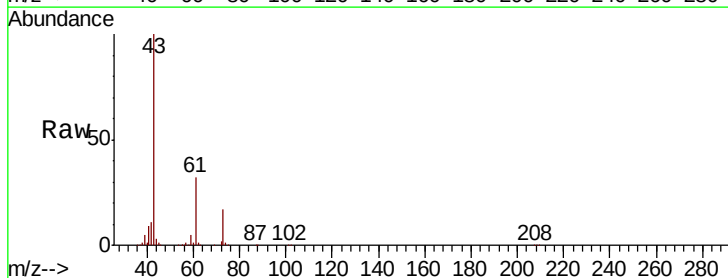
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

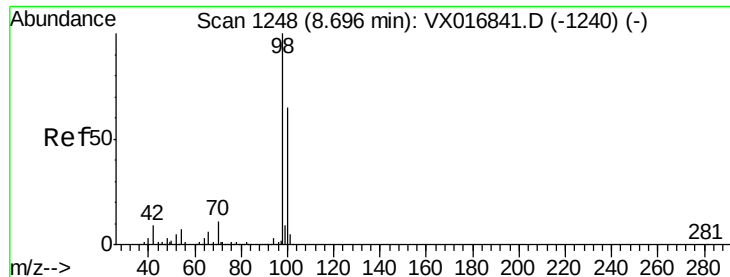
Tot Ion: 41 Resp: 3199
Ion Ratio Lower Upper
41 100
69 0.0 73.3 109.9#
39 0.0 42.4 63.6#



#49
1,4-Dioxane
Concen: 1.968 ug/l
RT: 7.84 min Scan# 1108
Delta R.T. 0.13 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
43 500350.4 22.7 34.1#
58 2328.2 53.1 79.7#

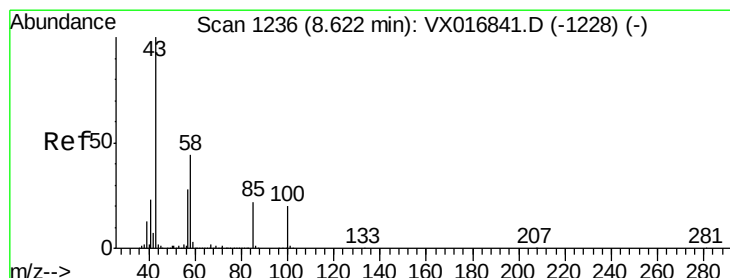
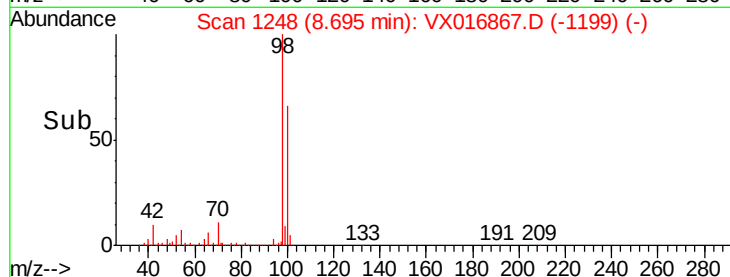
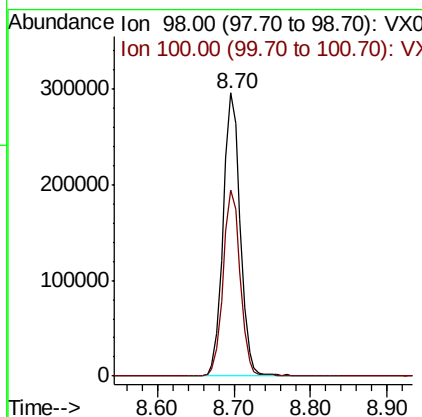
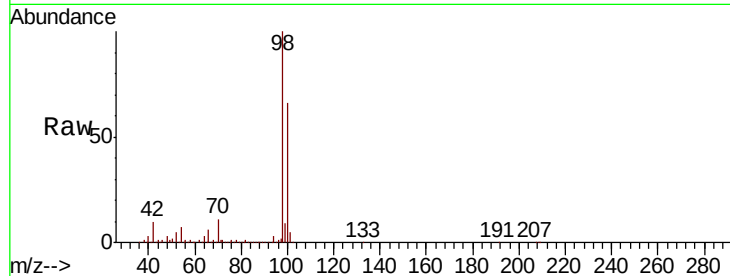




#50
Toluene-d8
Concen: 40.404 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

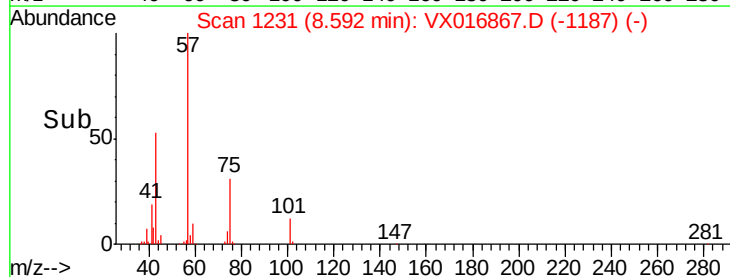
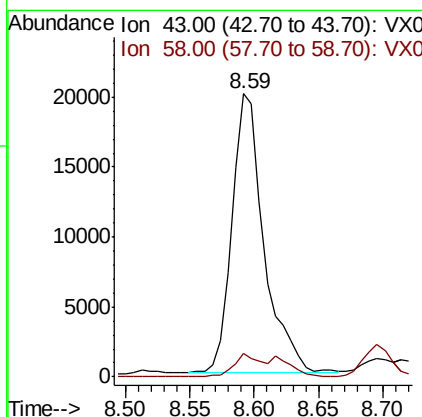
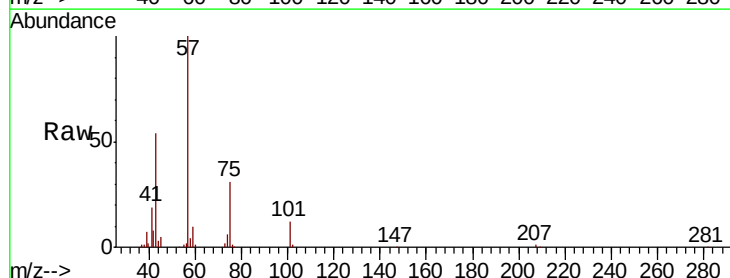
Instrument :
MSVOA_X
ClientSampleId :
SOIL-CUTTINGS

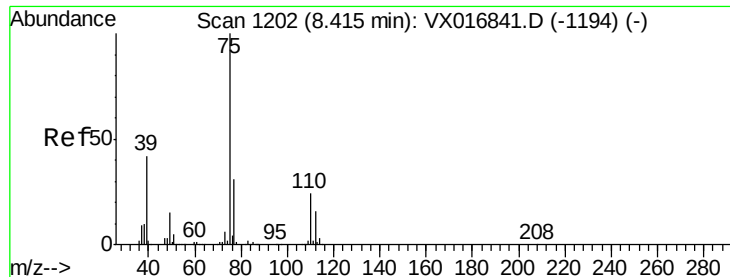
Tot Ion: 98 Resp: 458461
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 9.119 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016867.D
Acq: 19 Jun 2020 02:56

Tgt Ion: 43 Resp: 34641
Ion Ratio Lower Upper
43 100
58 7.2 34.3 51.5#



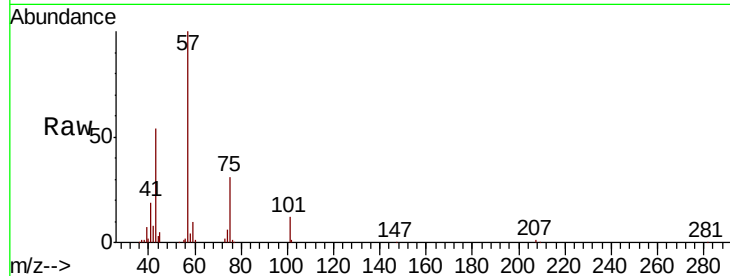


#54

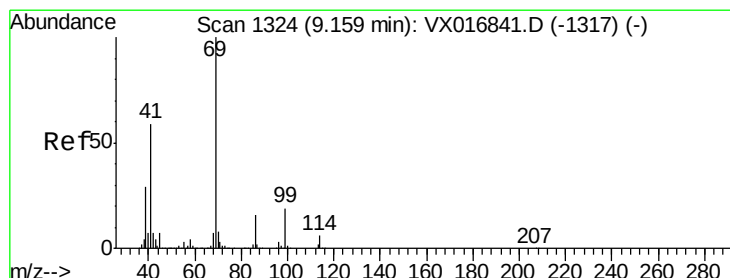
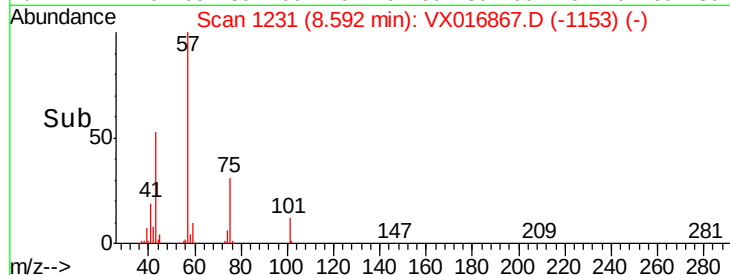
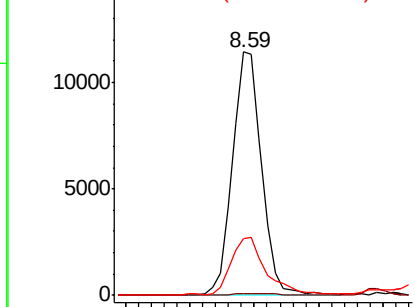
cis-1,3-Dichloropropene
 Concen: 3.440 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. 0.18 min
 Lab File: VX016867.D
 Acq: 19 Jun 2020 02:56

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

Tot Ion: 75 Resp: 18017
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.9 37.3#
 39 22.7 33.4 50.0#



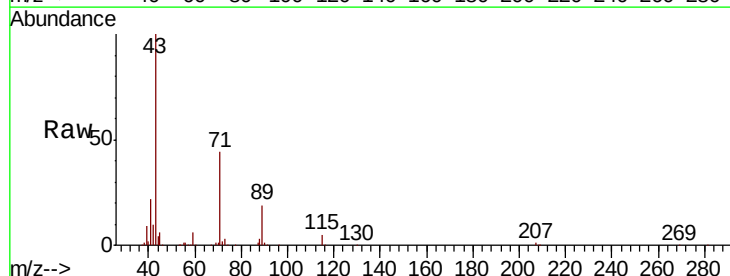
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



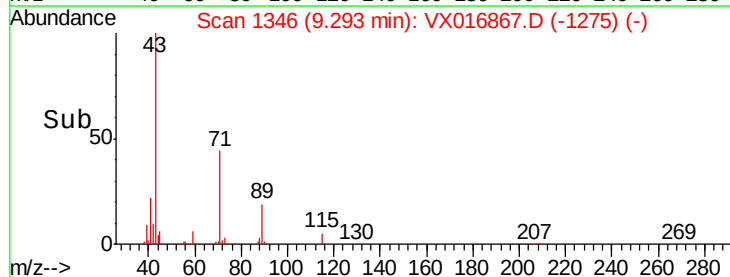
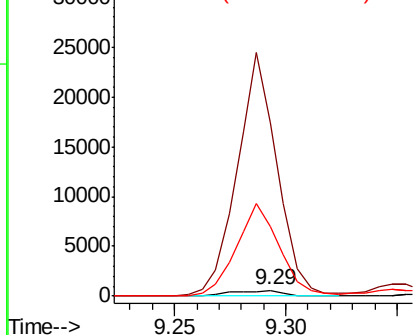
#56

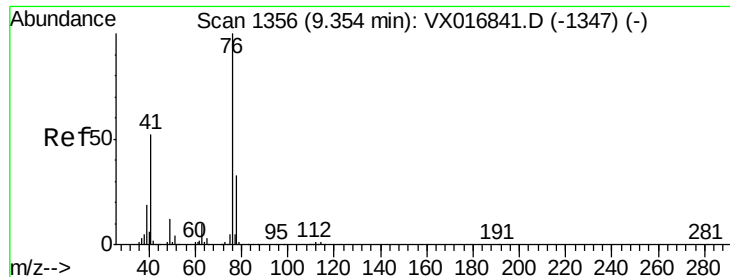
Ethyl methacrylate
 Concen: 0.205 ug/l
 RT: 9.29 min Scan# 1346
 Delta R.T. 0.13 min
 Lab File: VX016867.D
 Acq: 19 Jun 2020 02:56

Tgt Ion: 69 Resp: 915
 Ion Ratio Lower Upper
 69 100
 41 3364.9 47.9 71.9#
 39 1374.1 24.2 36.4#



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

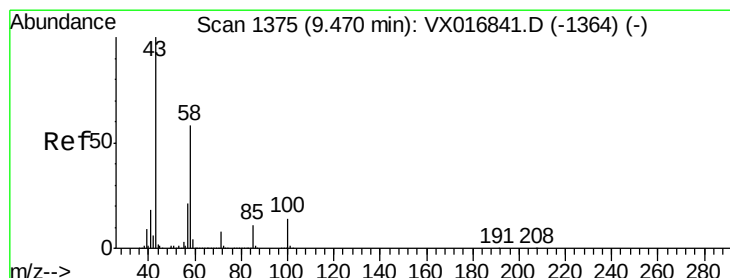
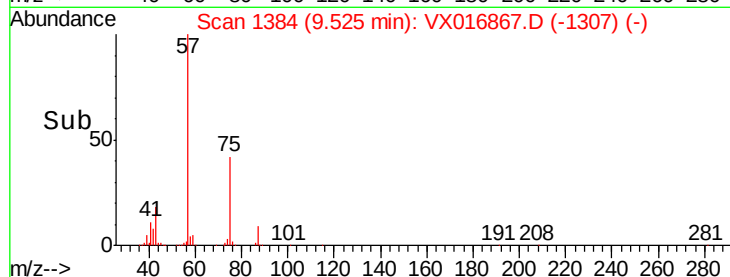
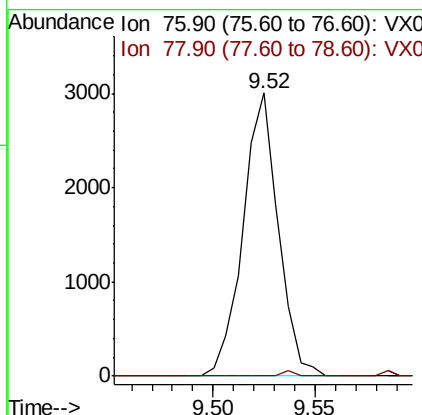
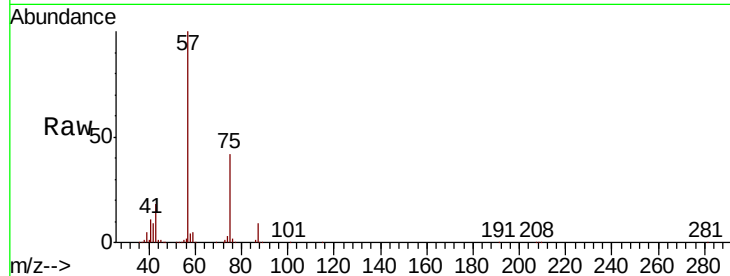




#57
 1,3-Dichloropropane
 Concen: 0.692 ug/l
 RT: 9.52 min Scan# 1384
 Delta R.T. 0.17 min
 Lab File: VX016867.D
 Acq: 19 Jun 2020 02:56

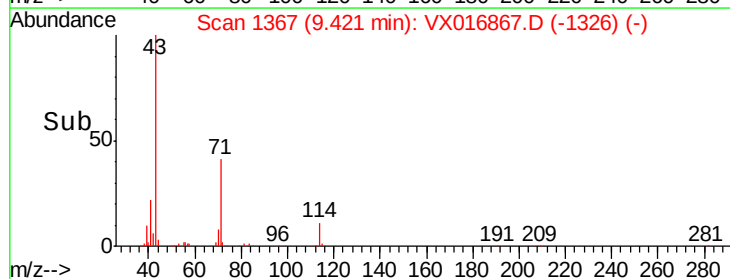
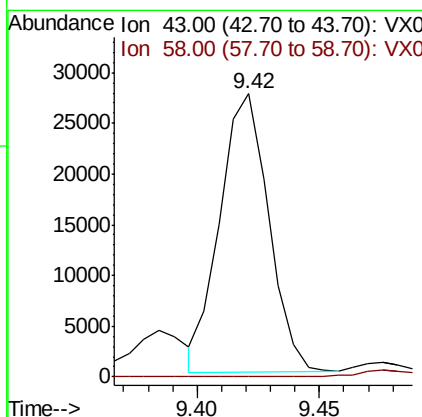
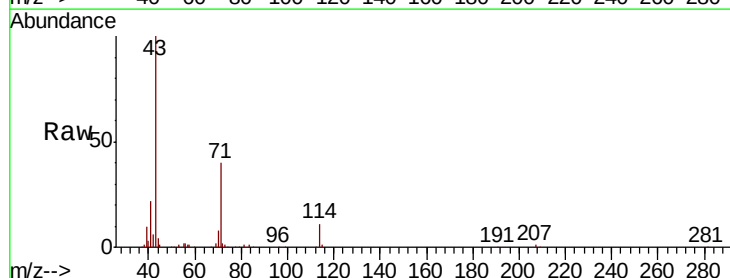
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-CUTTINGS

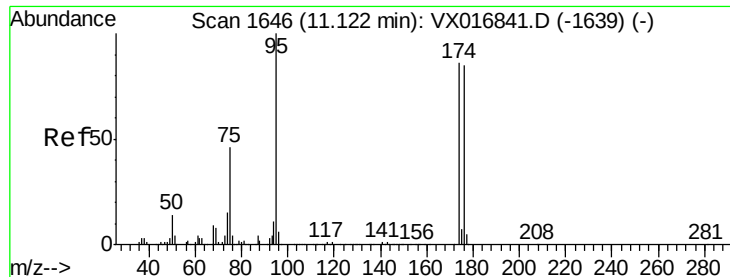
Tot Ion: 76 Resp: 3609
 Ion Ratio Lower Upper
 76 100
 78 0.7 25.8 38.6#



#59
 2-Hexanone
 Concen: 3.927 ug/l
 RT: 9.42 min Scan# 1367
 Delta R.T. -0.05 min
 Lab File: VX016867.D
 Acq: 19 Jun 2020 02:56

Tgt Ion: 43 Resp: 38053
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.8 89.4#





#62

4-Bromofluorobenzene

Concen: 43.687 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

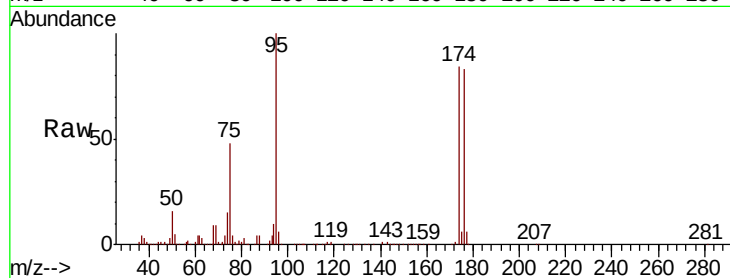
Tot Ion: 95 Resp: 189930

Ion Ratio Lower Upper

95 100

174 85.1 0.0 174.2

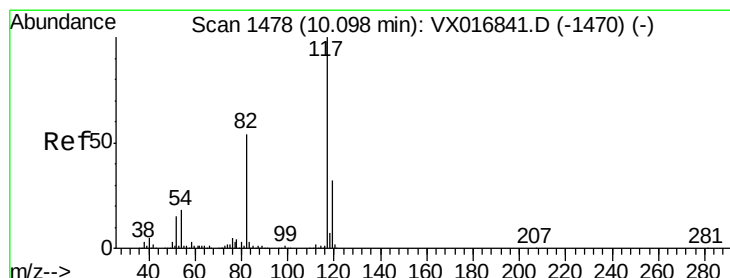
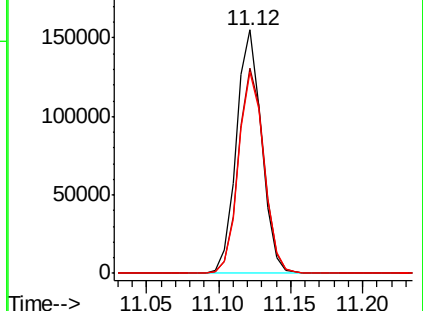
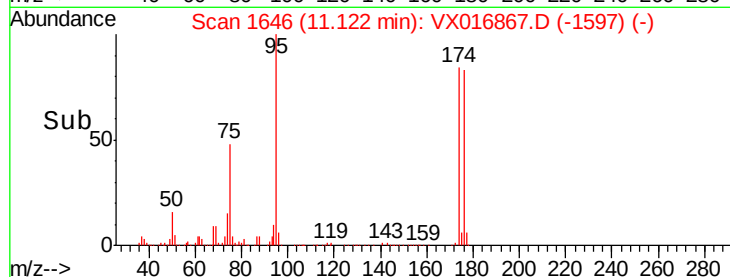
176 83.4 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX016867.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016867.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016867.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

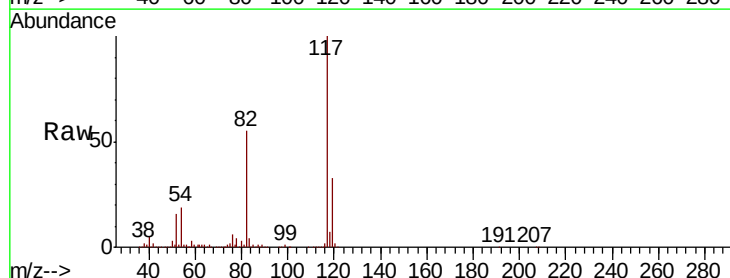
Tgt Ion: 117 Resp: 445104

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

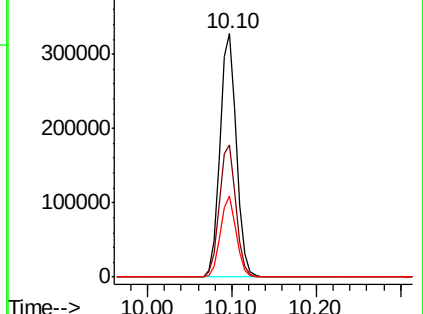
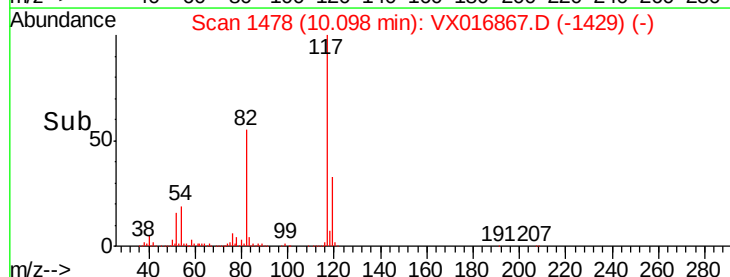
119 33.3 25.7 38.5

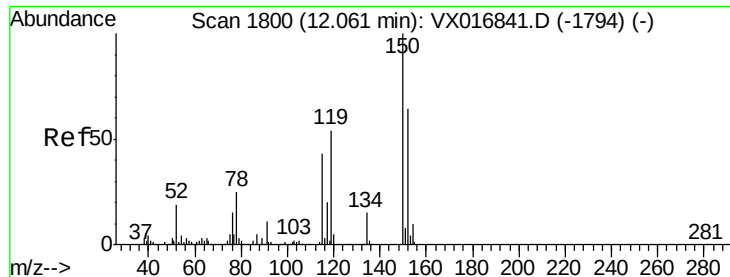


Abundance Ion 116.90 (116.60 to 117.60): VX016867.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016867.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016867.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

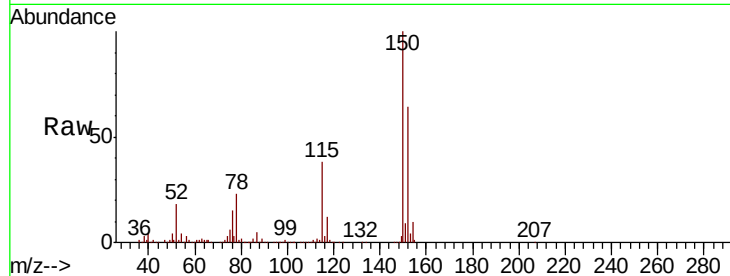
Tot Ion:152 Resp: 197592

Ion Ratio Lower Upper

152 100

115 59.6 40.9 122.8

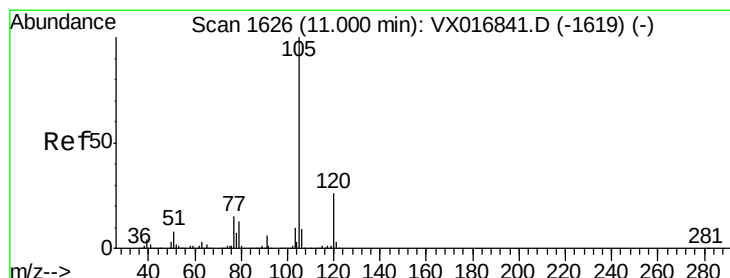
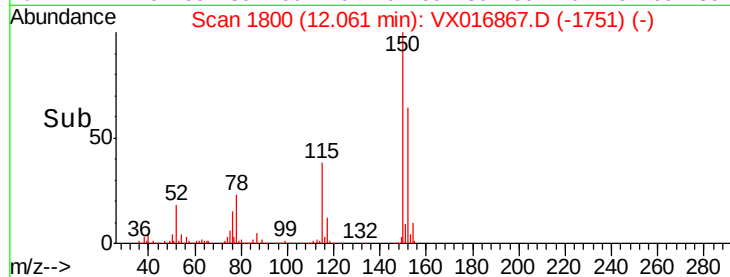
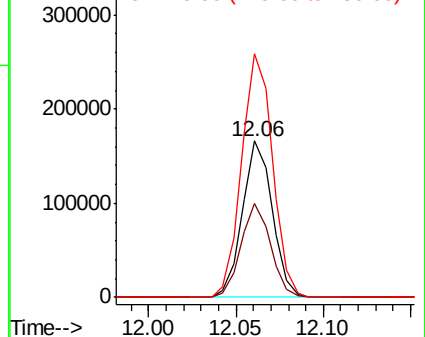
150 160.8 0.0 344.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016867.D

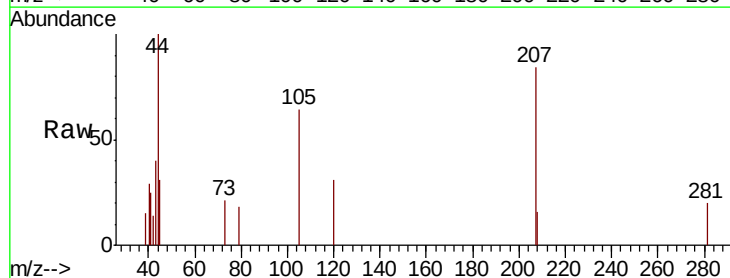
Acq: 19 Jun 2020 02:56

Tgt Ion:105 Resp: 362

Ion Ratio Lower Upper

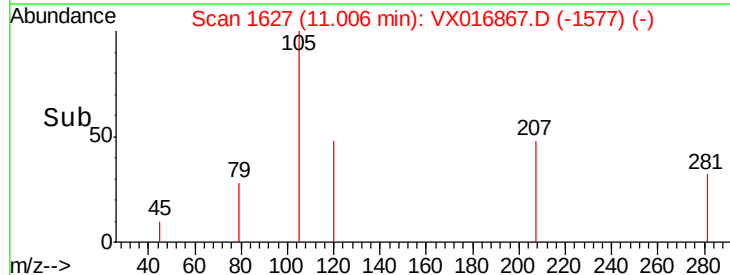
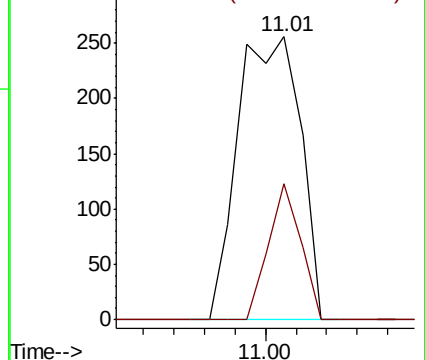
105 100

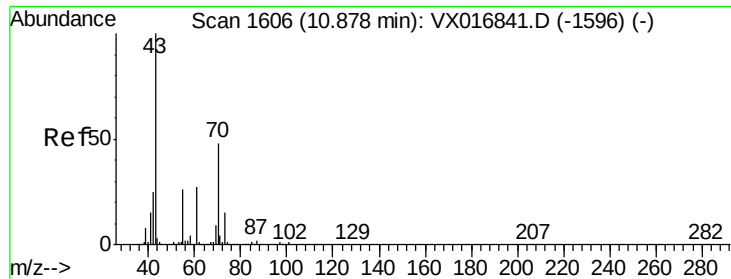
120 24.9 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.371 ug/l

RT: 10.81 min Scan# 1595

Delta R.T. -0.07 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

Tot Ion: 43 Resp: 1649

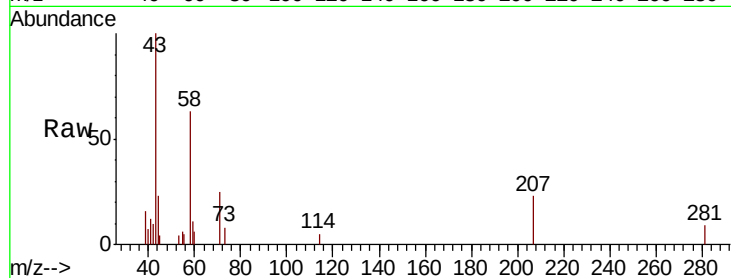
Ion Ratio Lower Upper

43 100

70 0.0 39.9 59.9#

55 7.9 21.8 32.6#

61 0.0 22.2 33.4#

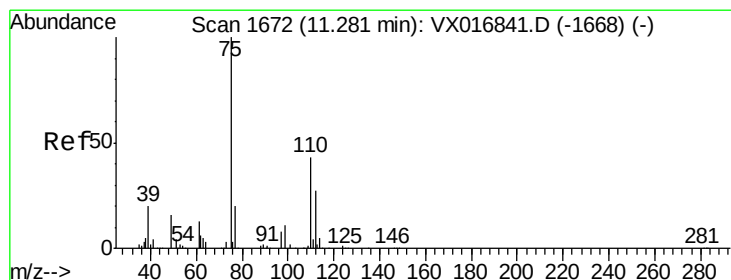
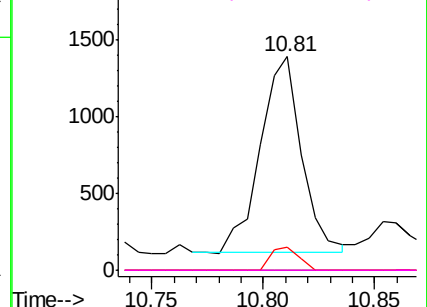
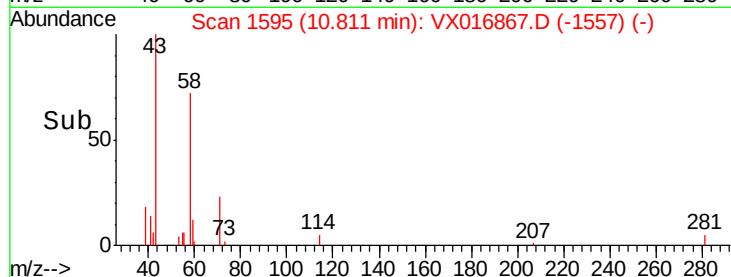


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 25.041 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016867.D

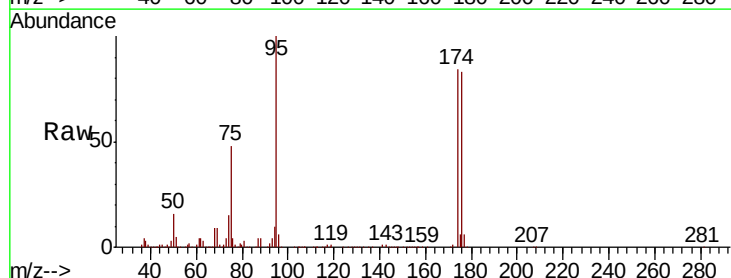
Acq: 19 Jun 2020 02:56

Tgt Ion: 75 Resp: 90616

Ion Ratio Lower Upper

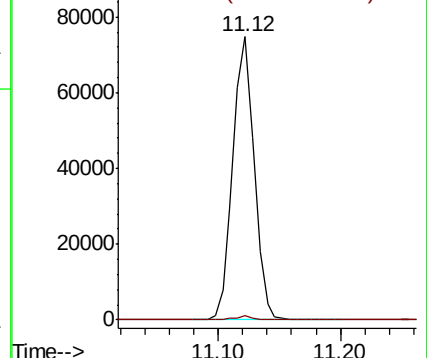
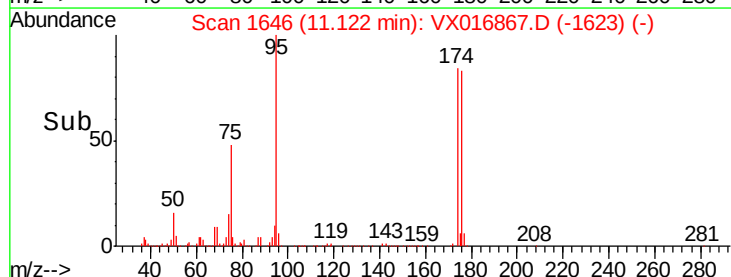
75 100

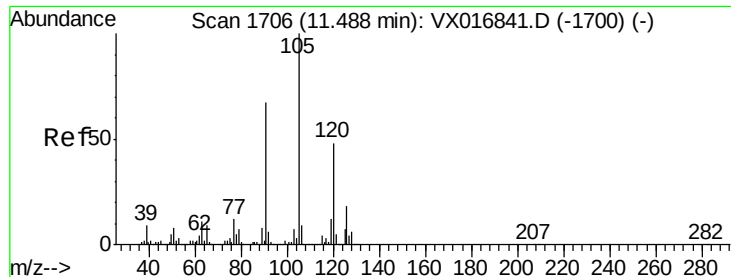
77 1.2 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.267 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

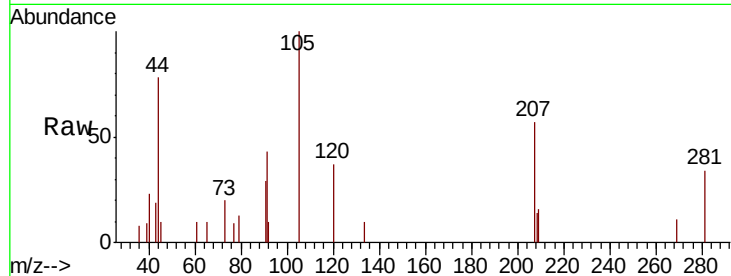
SOIL-CUTTINGS

Tot Ion:105 Resp: 699

Ion Ratio Lower Upper

105 100

120 35.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

600

400

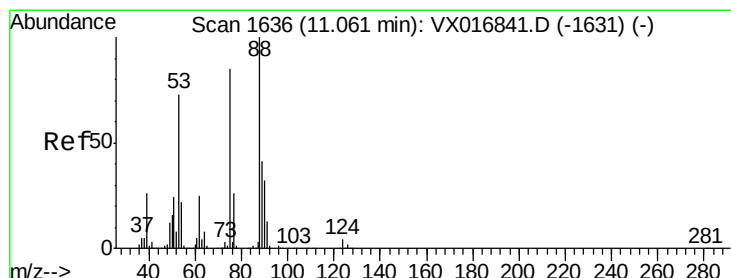
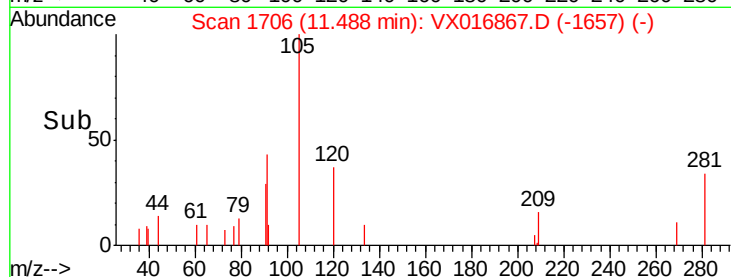
200

0

11.45

11.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 61.492 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

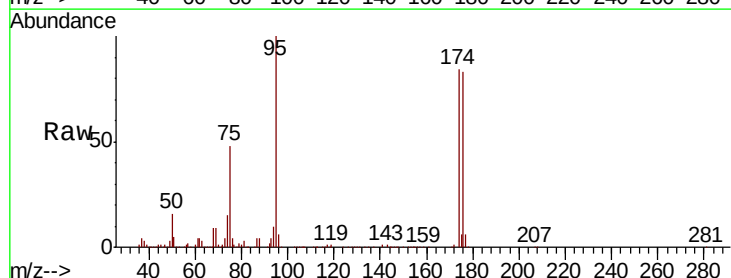
Tgt Ion: 75 Resp: 90616

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.8#

89 0.0 38.3 57.5#



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

100000

80000

60000

40000

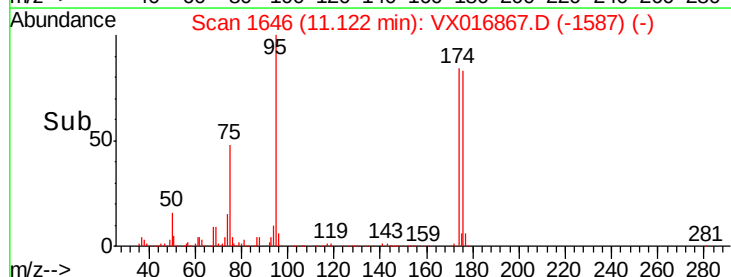
20000

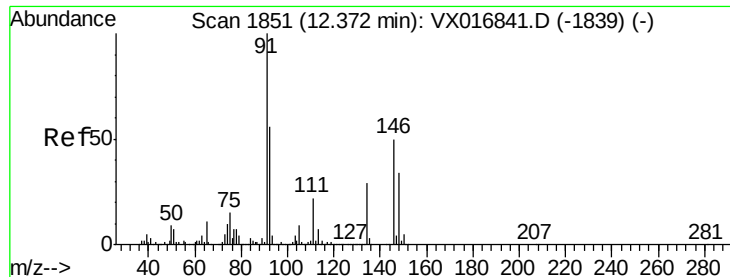
0

11.10

11.20

Time-->





#89

n-Butylbenzene

Concen: 3.094 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016867.D

Acq: 19 Jun 2020 02:56

Instrument :

MSVOA_X

ClientSampleId :

SOIL-CUTTINGS

Tot Ion: 91 Resp: 934

Ion Ratio Lower Upper

91 100

92 43.1 27.4 82.2

134 27.7 13.9 41.6

