

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
 Data File : VX005322.D
 Acq On : 13 Oct 2018 04:57
 Operator : JC/MD
 Sample : J5392-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

Quant Time: Oct 13 05:29:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384760	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154260	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
35) Dibromofluoromethane	5.51	113	122434	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
50) Toluene-d8	8.71	98	461684	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.14	95	150567	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	317	0.767	ug/l #	80
6) Chloroethane	1.71	64	462	0.567	ug/l #	76
10) Methyl Iodide	2.52	142	29	2.500	ug/l #	60
11) Tert butyl alcohol	3.02	59	2402	2.901	ug/l #	76
13) Acrolein	2.29	56	53	Below Cal	#	1
16) Acetone	2.45	43	20535	12.100	ug/l	93
18) Methyl Acetate	2.78	43	9098	1.884	ug/l	96
20) Methylene Chloride	2.86	84	245502	100.607	ug/l	96
25) 2-Butanone	4.70	43	3864	1.556	ug/l	94
29) Tetrahydrofuran	5.16	42	1583	0.999	ug/l #	81
30) Chloroform	5.21	83	2308	0.508	ug/l	97
31) Cyclohexane	5.66	56	4851	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17358	4.658	ug/l #	50
38) Carbon Tetrachloride	5.67	117	23229	6.204	ug/l #	15
43) Isopropyl Acetate	6.46	43	148532	23.267	ug/l	96
44) Trichloroethene	7.22	130	231	Below Cal		72
47) Bromodichloromethane	7.90	83	681	0.203	ug/l #	63
48) Methyl methacrylate	7.69	41	5778	1.745	ug/l #	23
51) 4-Methyl-2-Pentanone	8.62	43	2170	0.491	ug/l #	34
54) cis-1,3-Dichloropropene	8.62	75	799	0.204	ug/l #	55
59) 2-Hexanone	9.44	43	1008	0.283	ug/l #	22
67) Ethyl Benzene	10.25	91	5184	0.428	ug/l	93
68) m/p-Xylenes	10.36	106	5806	1.234	ug/l	94
69) o-Xylene	10.70	106	3109	0.685	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	73998	22.835	ug/l #	37
78) n-propylbenzene	11.36	91	3958	0.346	ug/l	99
79) 2-Chlorotoluene	11.44	91	1915	0.274	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	5929	0.697	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	73998	69.383	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	17927	2.048	ug/l	97
89) n-Butylbenzene	12.38	91	1972	0.236	ug/l #	39
90) Hexachloroethane	12.58	117	387	0.244	ug/l #	3
95) Naphthalene	13.83	128	289576	25.133	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101218\
Data File : VX005322.D
Acq On : 13 Oct 2018 04:57
Operator : JC/MD
Sample : J5392-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

Quant Time: Oct 13 05:29:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

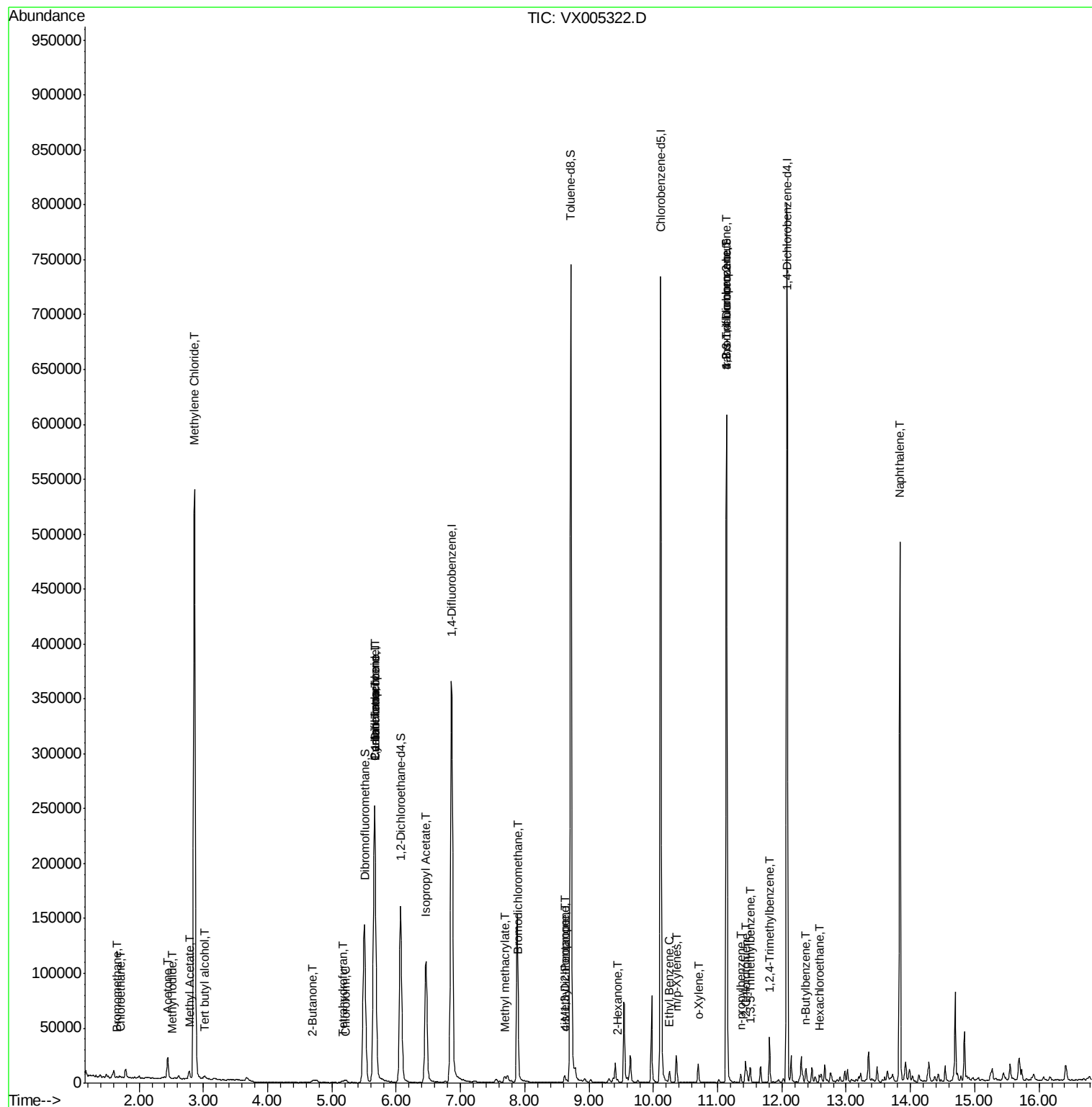
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

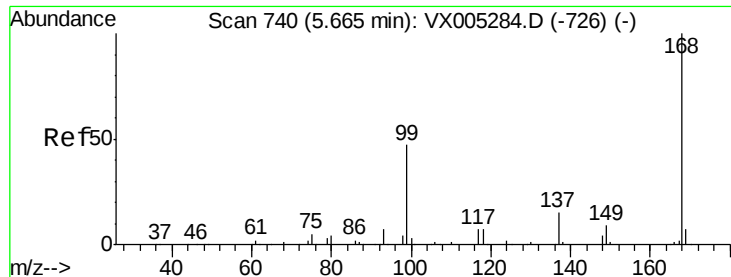
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101218\
Data File : VX005322.D
Acq On : 13 Oct 2018 04:57
Operator : JC/MD
Sample : J5392-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

Quant Time: Oct 13 05:29:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

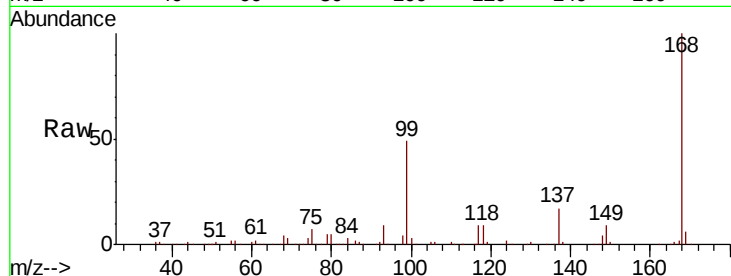
SOIL-DRUM

Tot Ion:168 Resp: 264465

Ion Ratio Lower Upper

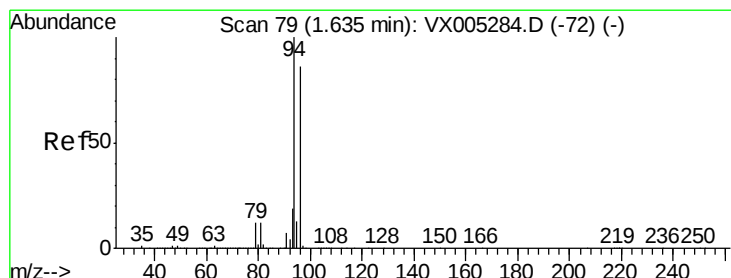
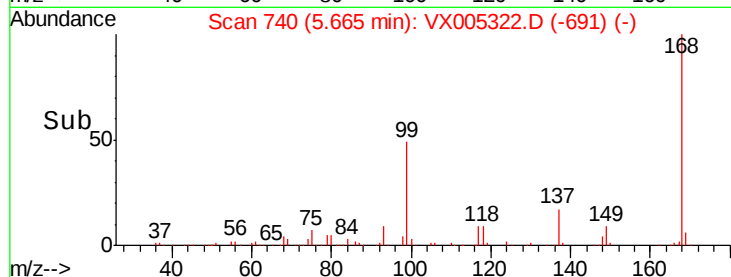
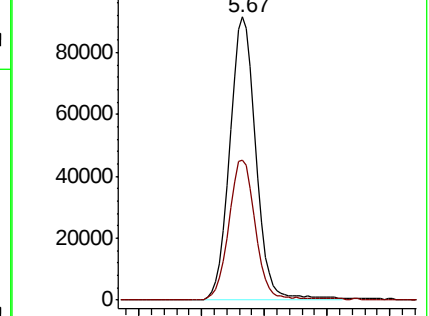
168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.767 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005322.D

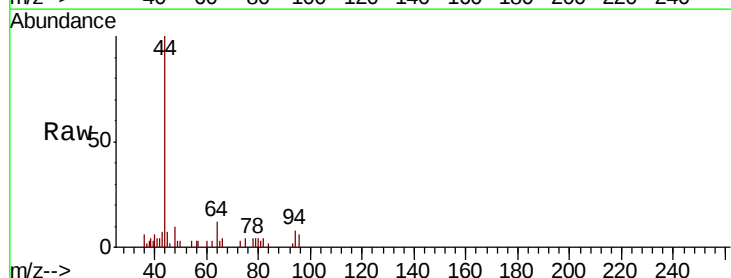
Acq: 13 Oct 2018 04:57

Tgt Ion: 94 Resp: 317

Ion Ratio Lower Upper

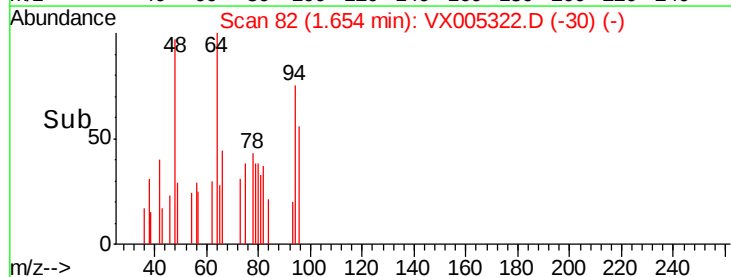
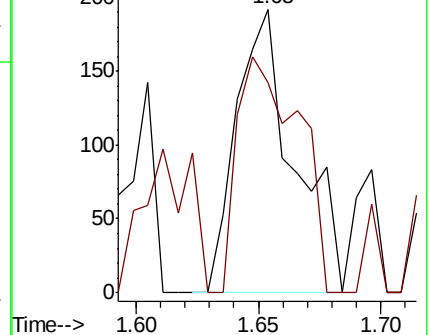
94 100

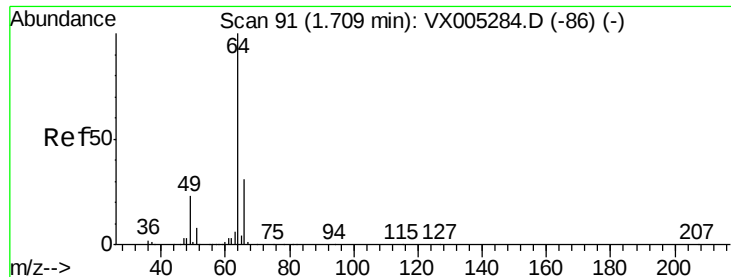
96 74.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.567 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

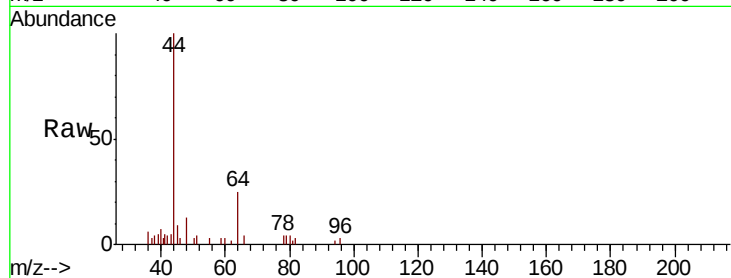
SOIL-DRUM

Tot Ion: 64 Resp: 462

Ion Ratio Lower Upper

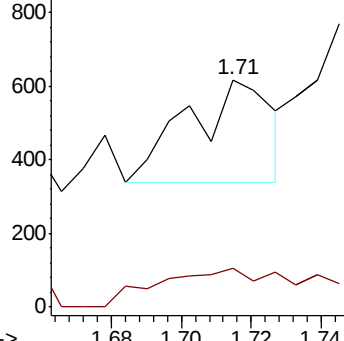
64 100

66 17.7 24.6 36.8#

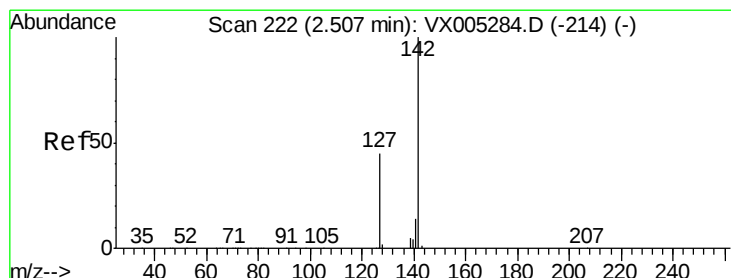
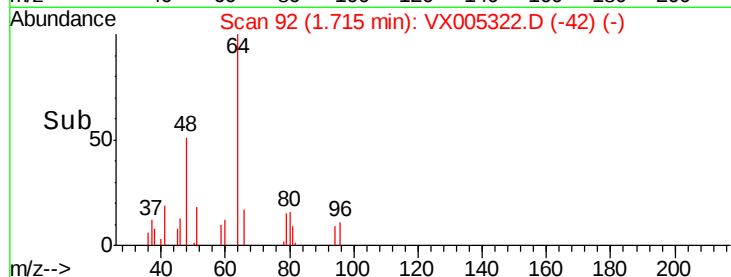


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#10

Methyl Iodide

Concen: 2.500 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

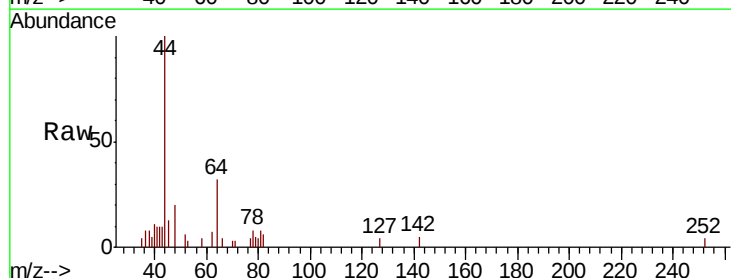
Tgt Ion: 142 Resp: 29

Ion Ratio Lower Upper

142 100

127 69.0 33.8 50.6#

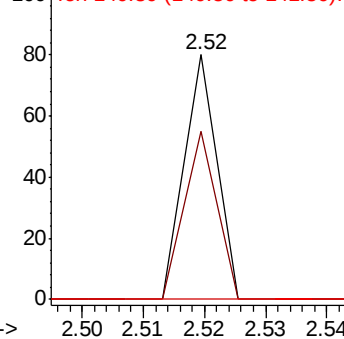
141 0.0 11.4 17.0#



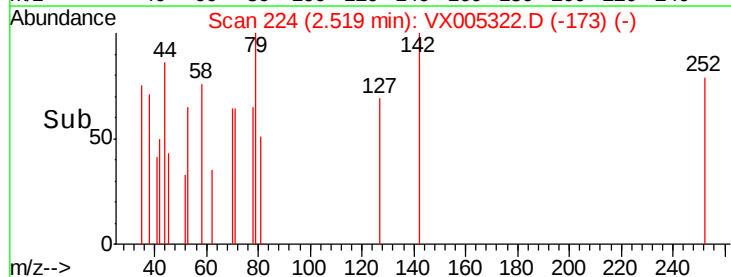
Abundance Ion 141.80 (141.50 to 142.50): V

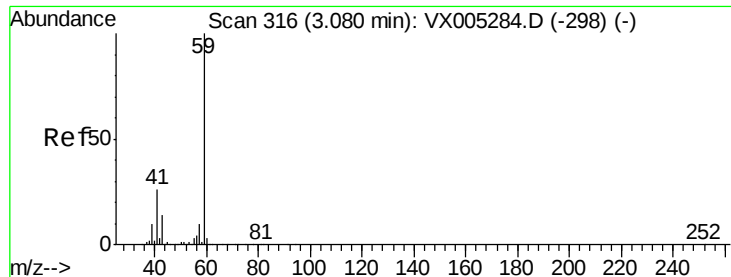
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



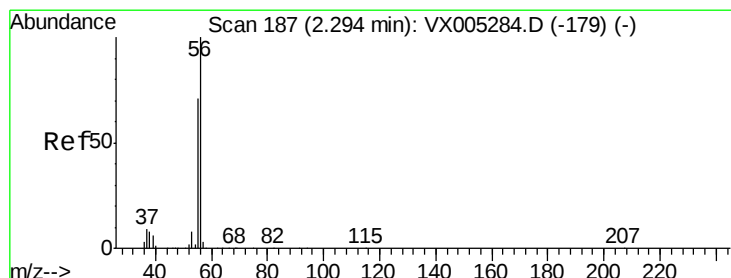
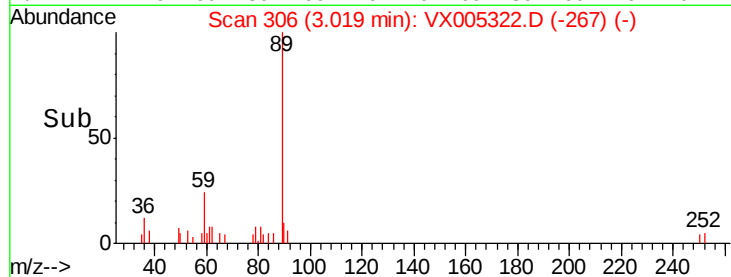
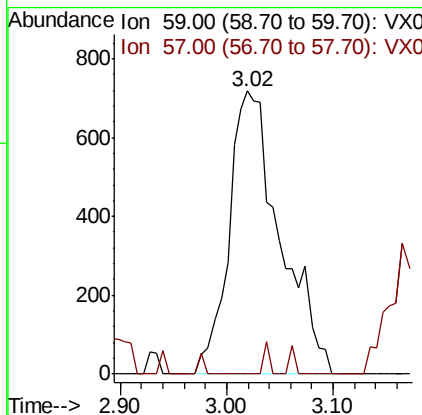
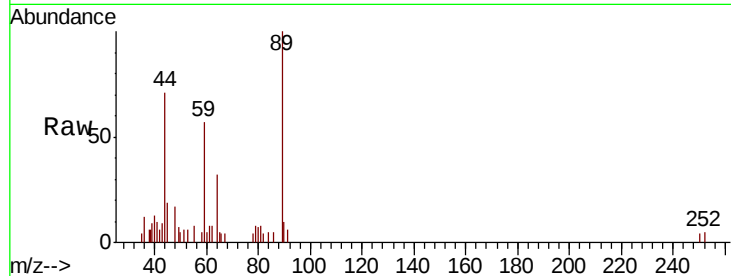


#11

Tert butyl alcohol
 Concen: 2.901 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

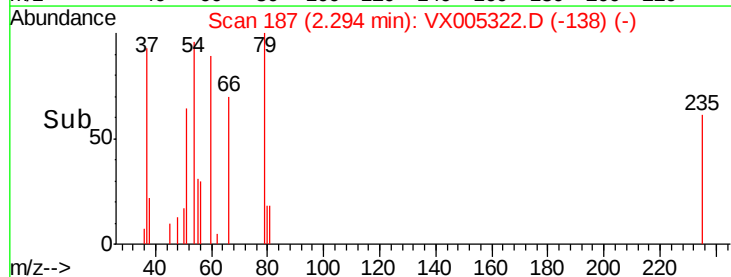
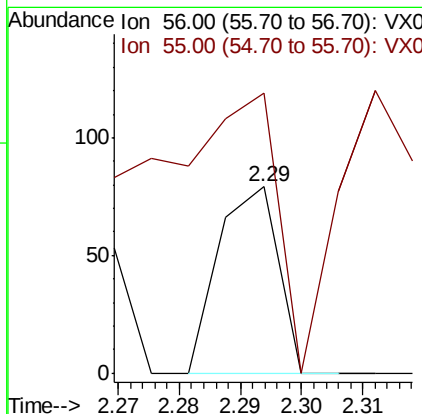
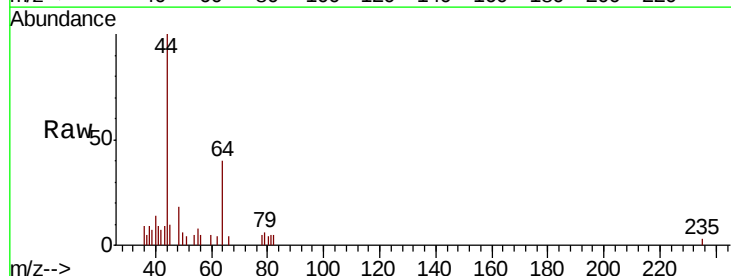
Tot Ion: 59 Resp: 2402
 Ion Ratio Lower Upper
 59 100
 57 1.2 8.2 12.4#

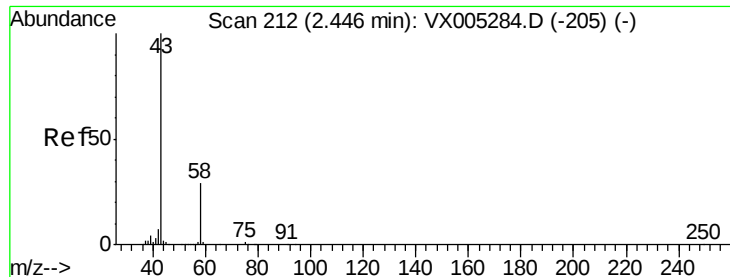


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Tgt Ion: 56 Resp: 53
 Ion Ratio Lower Upper
 56 100
 55 539.6 54.7 82.1#





#16

Acetone

Concen: 12.100 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

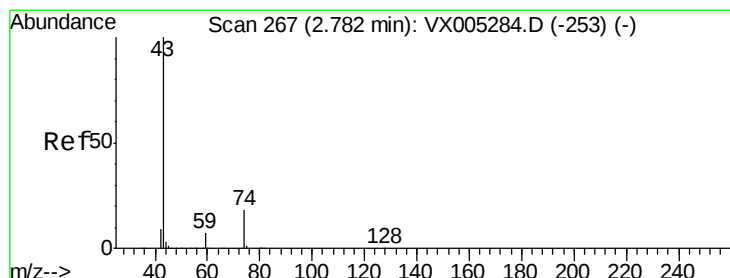
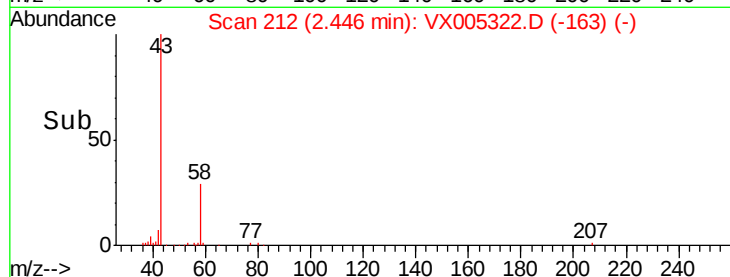
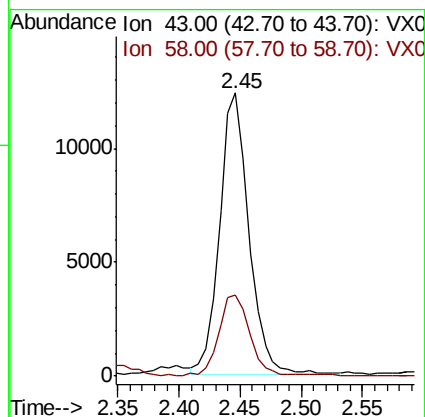
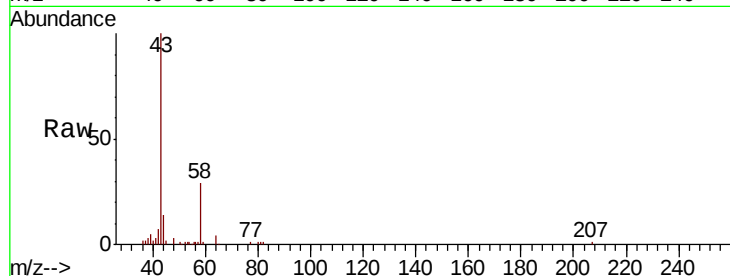
SOIL-DRUM

Tot Ion: 43 Resp: 20535

Ion Ratio Lower Upper

43 100

58 29.1 26.2 39.4



#18

Methyl Acetate

Concen: 1.884 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005322.D

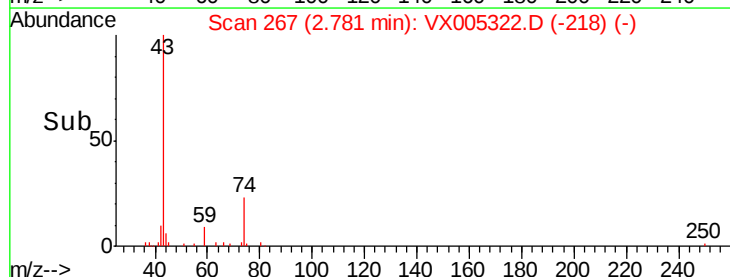
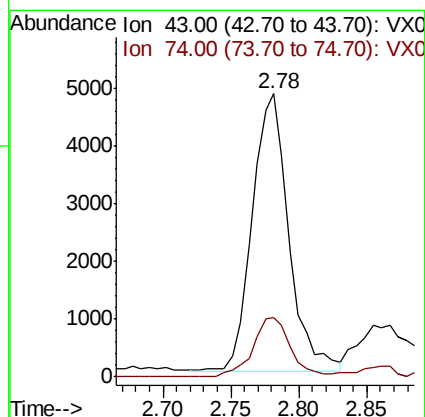
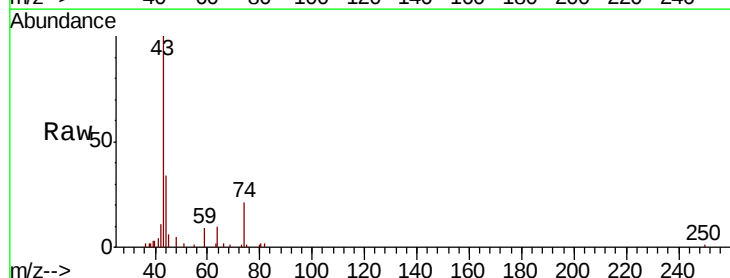
Acq: 13 Oct 2018 04:57

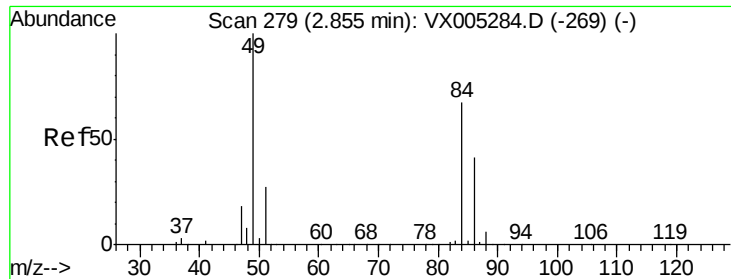
Tgt Ion: 43 Resp: 9098

Ion Ratio Lower Upper

43 100

74 22.1 19.4 29.2



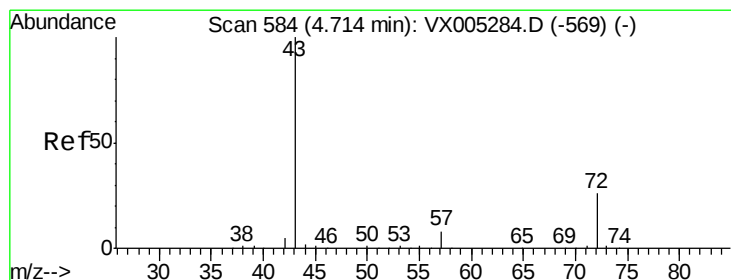
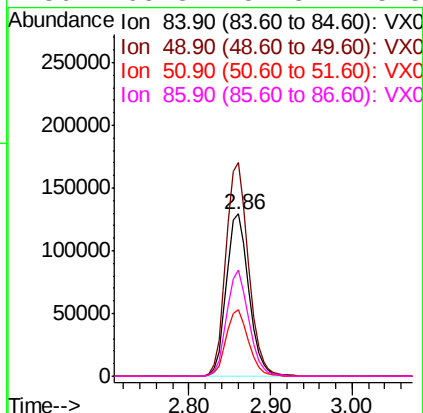
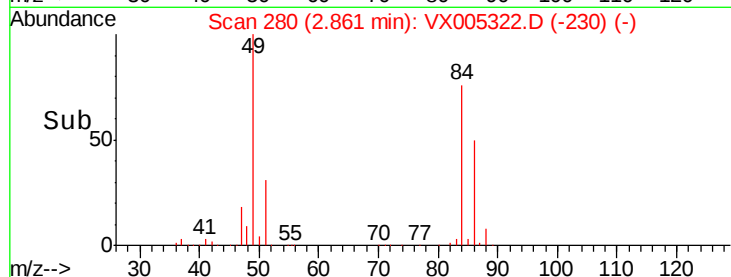
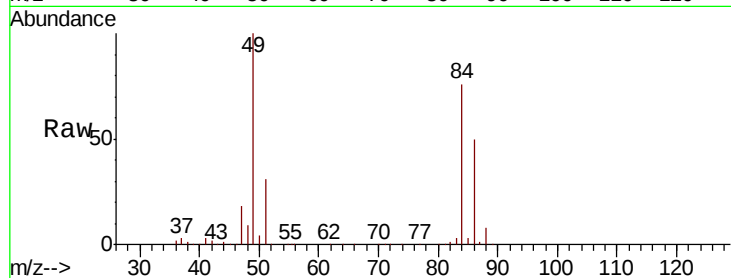


#20
Methvlene Chloride
Concen: 100.607 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Instrument :
MSVOA_X
ClientSampled :
SOIL-DRUM

Tot Ion: 84 Resp: 245502

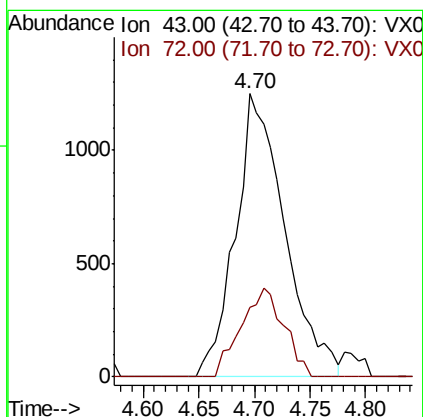
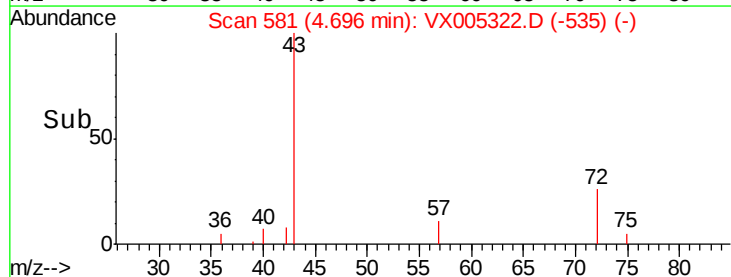
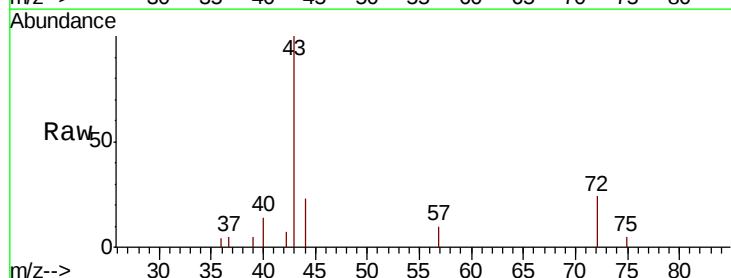
Ion	Ratio	Lower	Upper
84	100		
49	131.8	101.2	151.8
51	40.9	29.5	44.3
86	65.3	52.3	78.5

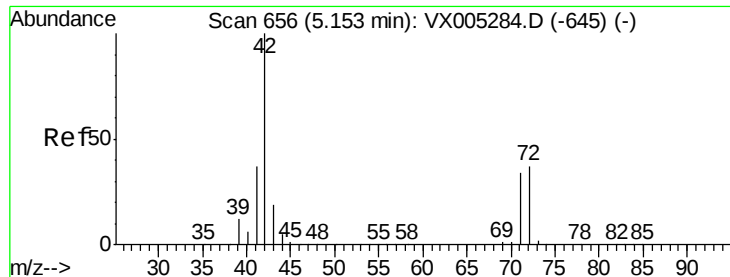


#25
2-Butanone
Concen: 1.556 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.02 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion: 43 Resp: 3864

Ion	Ratio	Lower	Upper
43	100		
72	24.5	22.0	33.0





#29

Tetrahydrofuran

Concen: 0.999 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampled :

SOIL-DRUM

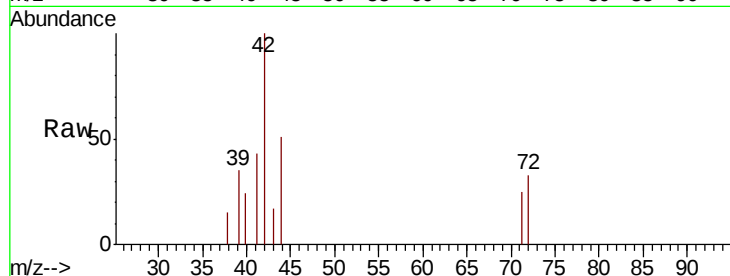
Tot Ion: 42 Resp: 1583

Ion Ratio Lower Upper

42 100

72 44.3 37.4 56.0

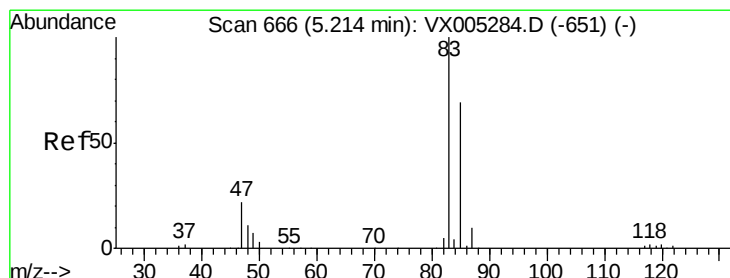
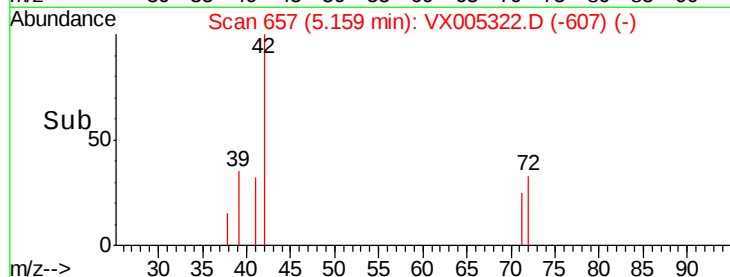
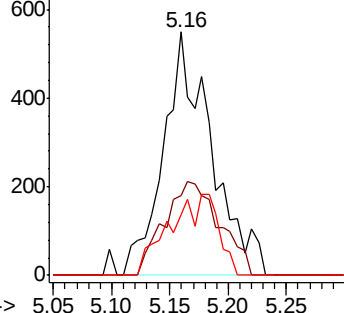
71 19.6 34.5 51.7#



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



#30

Chloroform

Concen: 0.508 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005322.D

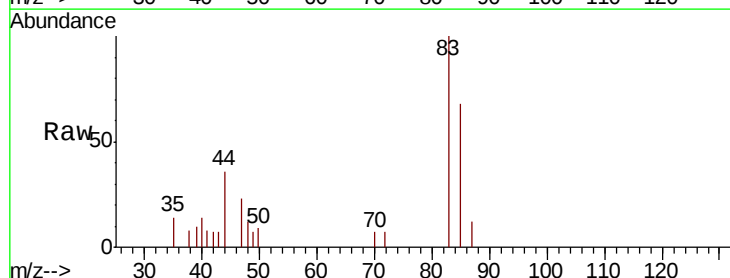
Acq: 13 Oct 2018 04:57

Tgt Ion: 83 Resp: 2308

Ion Ratio Lower Upper

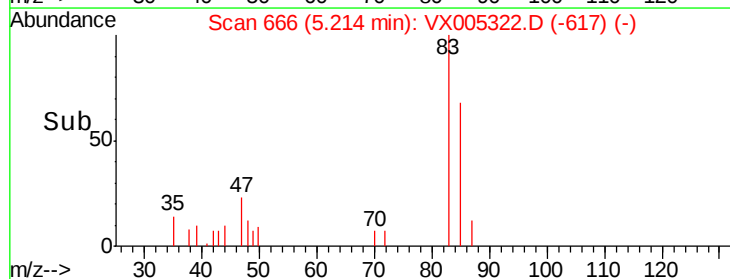
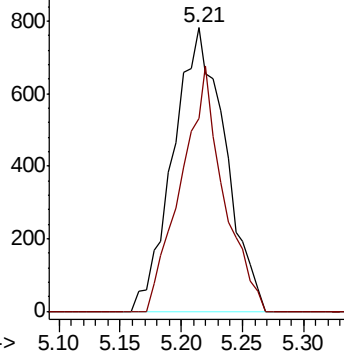
83 100

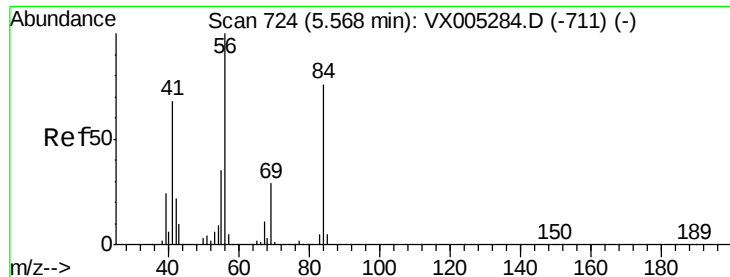
85 67.9 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

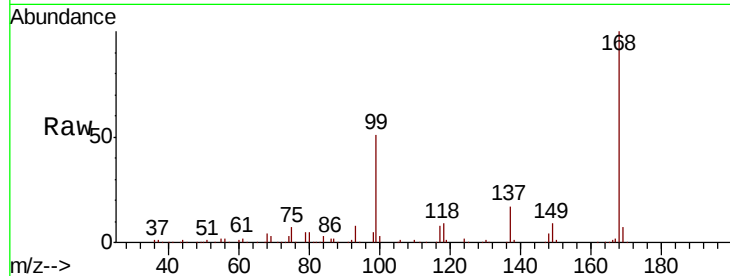




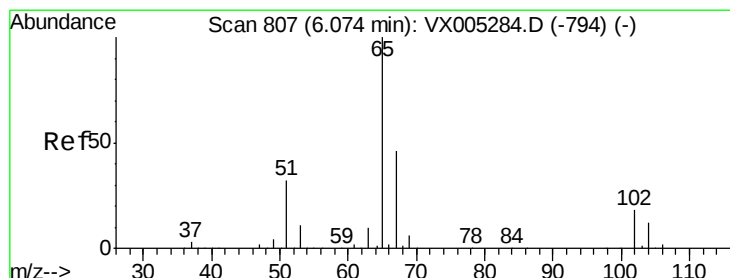
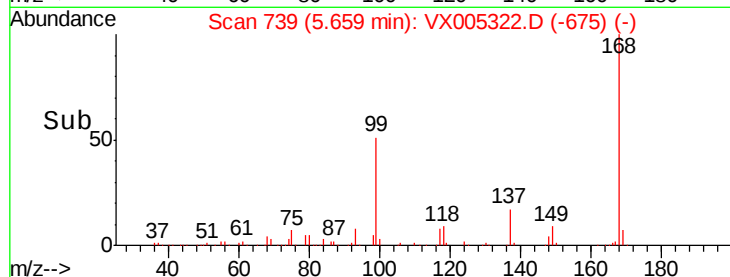
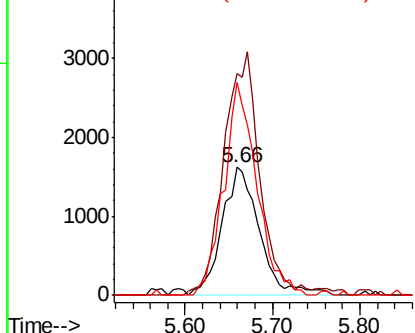
#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

Tot Ion: 56 Resp: 4851
Ion Ratio Lower Upper
56 100
69 169.4 25.4 38.2#
84 165.9 71.4 107.2#

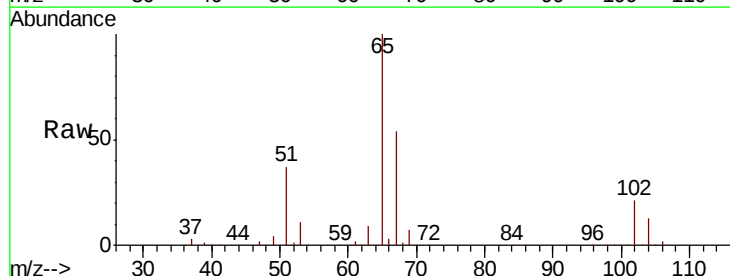


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

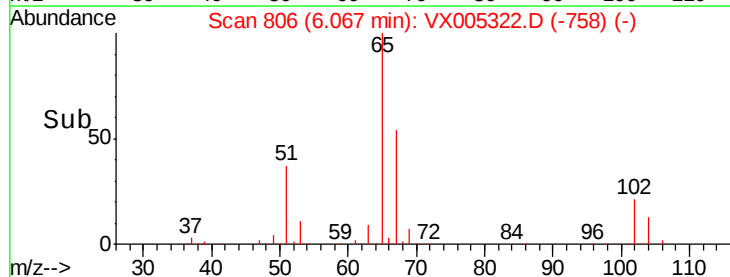
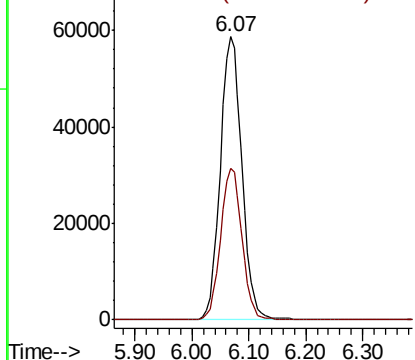


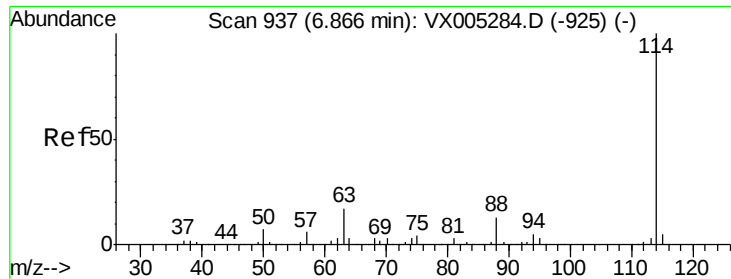
#33
1,2-Dichloroethane-d4
Concen: 52.556 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion: 65 Resp: 154260
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

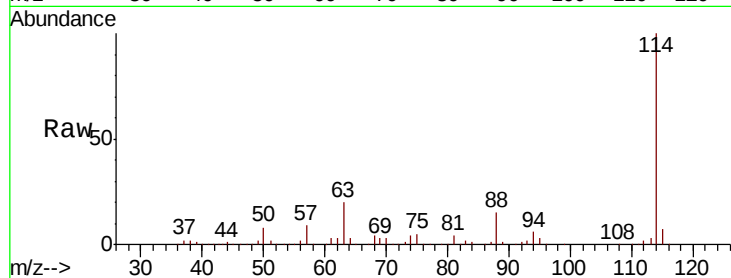




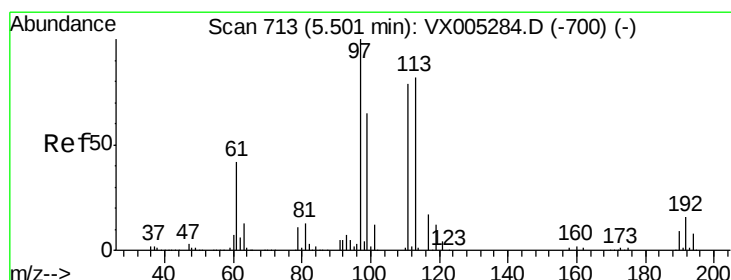
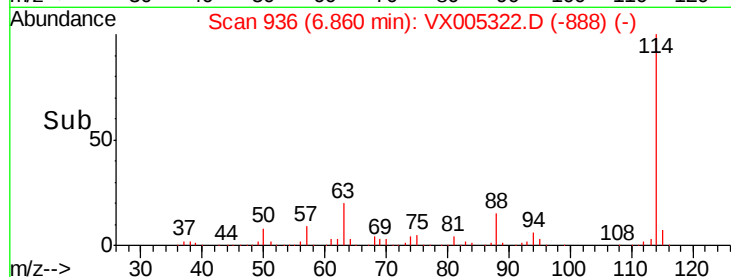
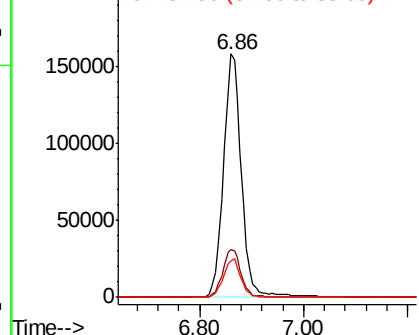
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

Tot Ion:114 Resp: 384760
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.1 0.0 30.4

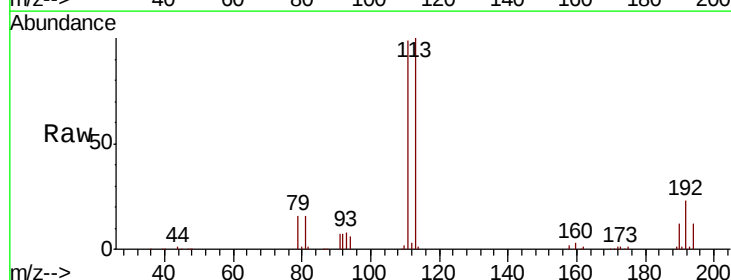


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

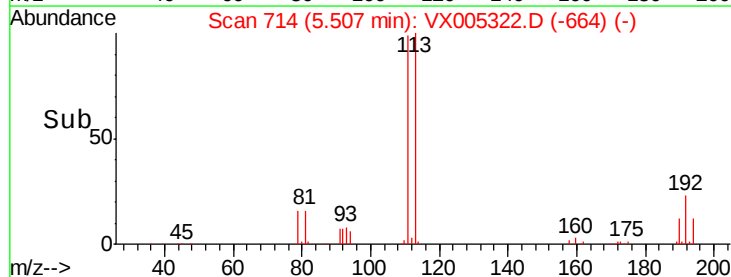
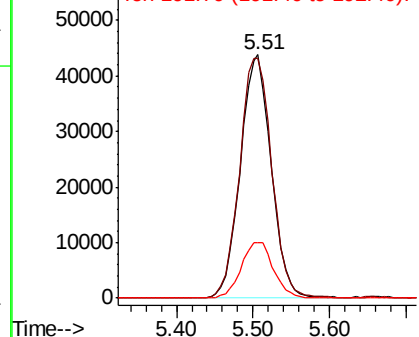


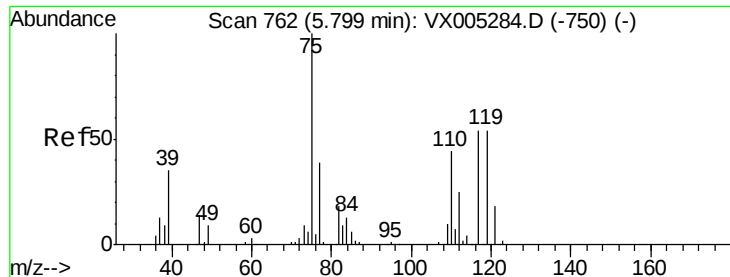
#35
 Dibromofluoromethane
 Concen: 48.044 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Tgt Ion:113 Resp: 122434
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 23.9 19.4 29.2



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: 4.658 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

SOIL-DRUM

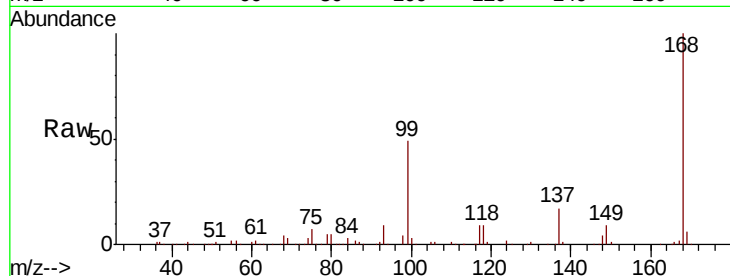
Tot Ion: 75 Resp: 17358

Ion Ratio Lower Upper

75 100

110 9.0 18.0 54.0#

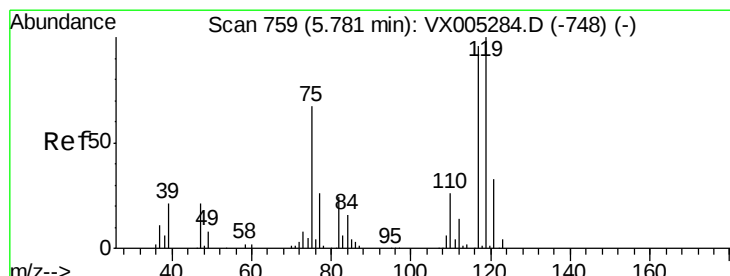
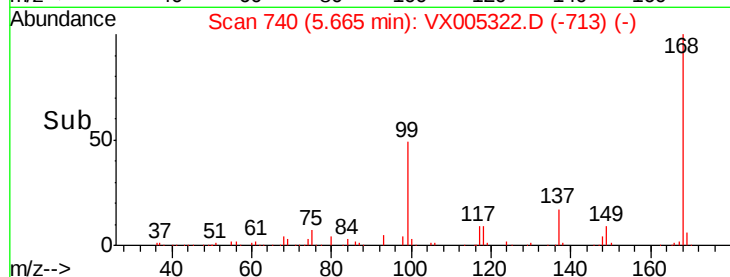
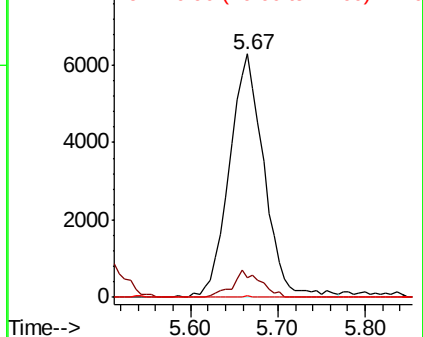
77 0.1 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.204 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

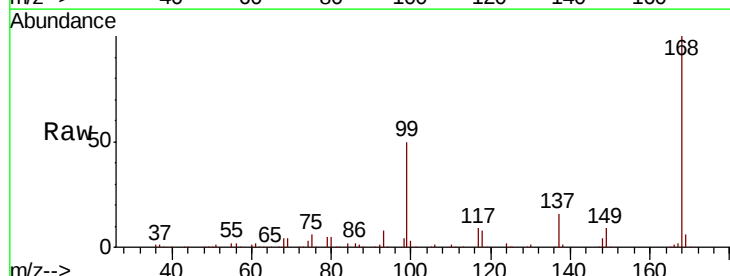
Tgt Ion: 117 Resp: 23229

Ion Ratio Lower Upper

117 100

119 5.3 78.8 118.2#

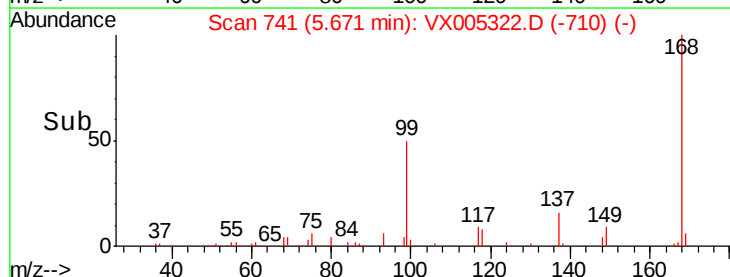
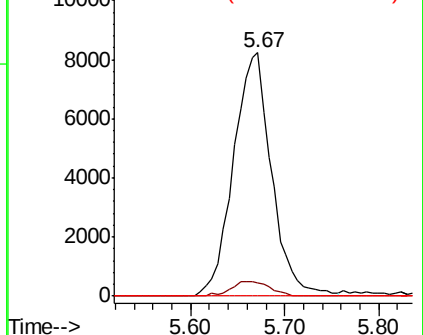
121 0.0 24.9 37.3#

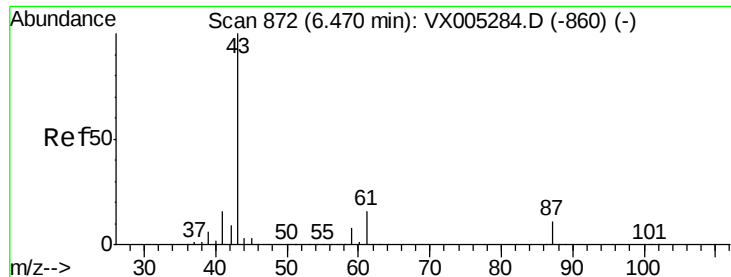


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



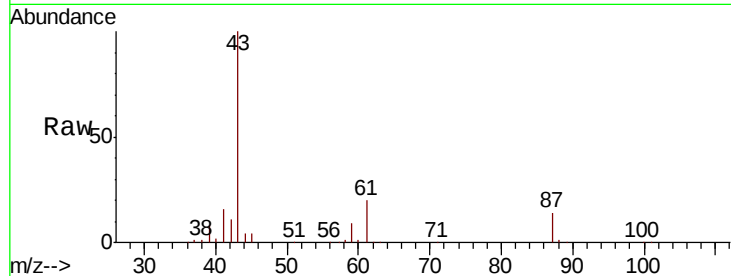


#43

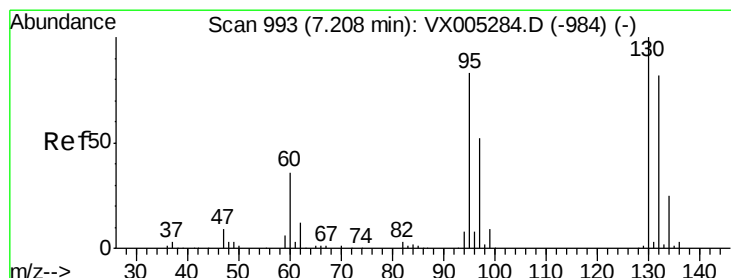
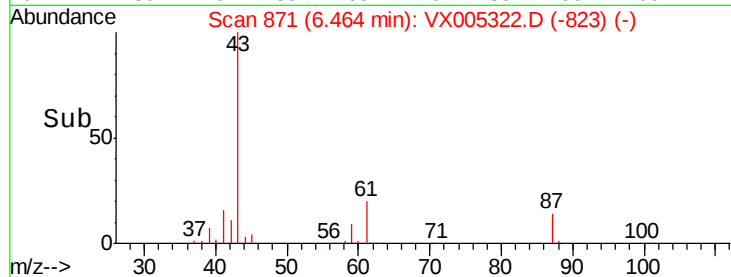
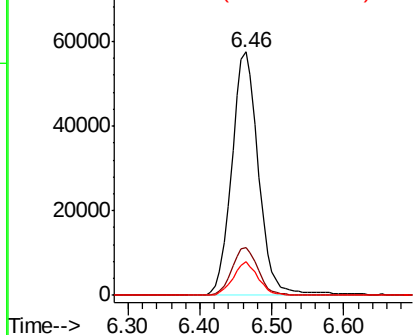
Isopropyl Acetate
 Concen: 23.267 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

Tot Ion: 43 Resp: 148532
 Ion Ratio Lower Upper
 43 100
 61 19.5 17.0 25.4
 87 12.9 11.4 17.2



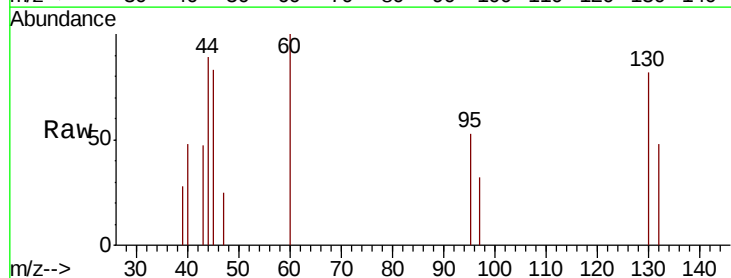
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



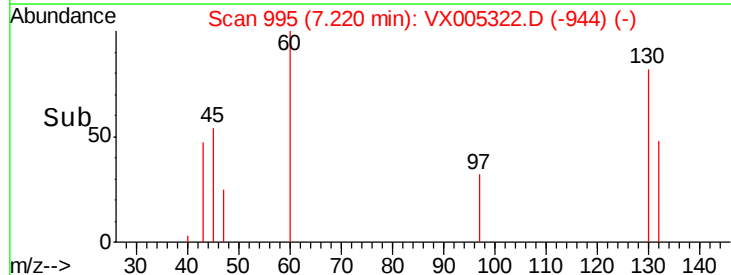
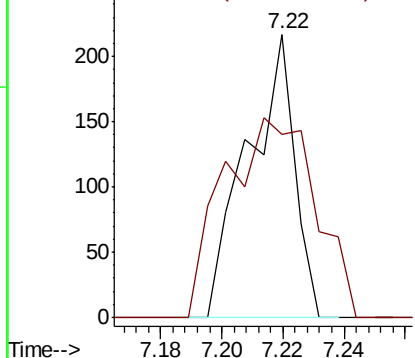
#44

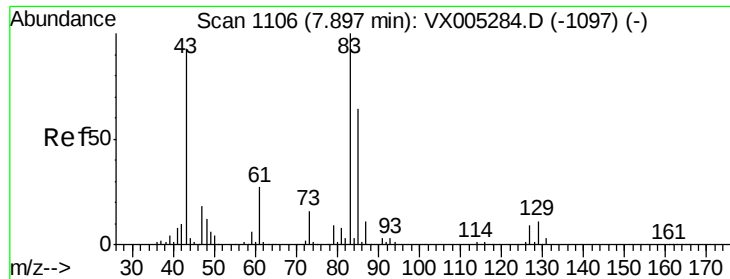
Trichloroethene
 Concen: Below Cal
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Tgt Ion:130 Resp: 231
 Ion Ratio Lower Upper
 130 100
 95 64.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#47

Bromodichloromethane

Concen: 0.203 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

SOIL-DRUM

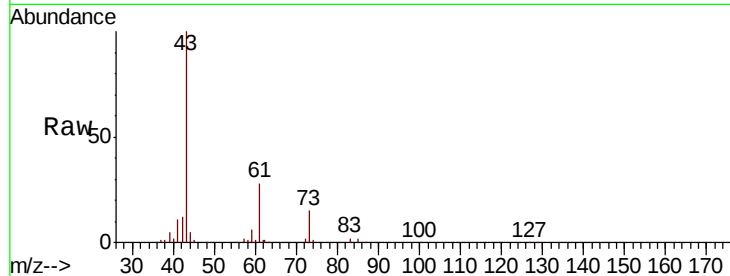
Tot Ion: 83 Resp: 681

Ion Ratio Lower Upper

83 100

85 94.2 50.9 76.3#

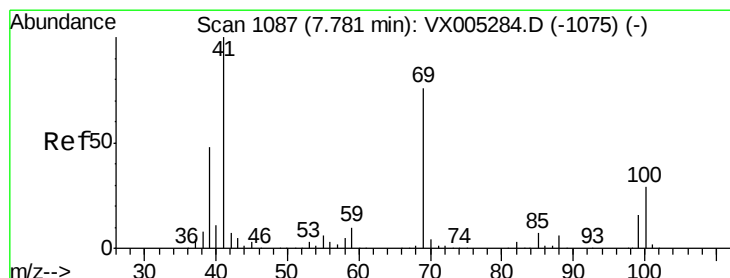
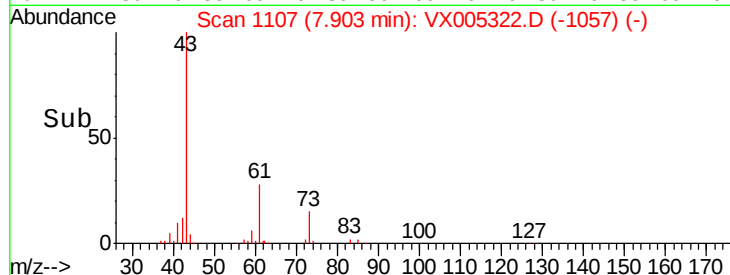
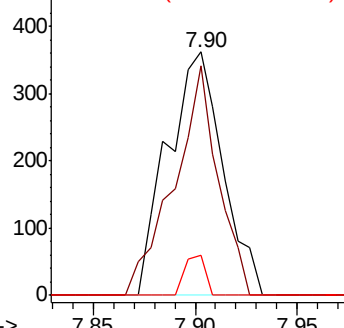
127 16.6 7.3 10.9#



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



#48

Methyl methacrylate

Concen: 1.745 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

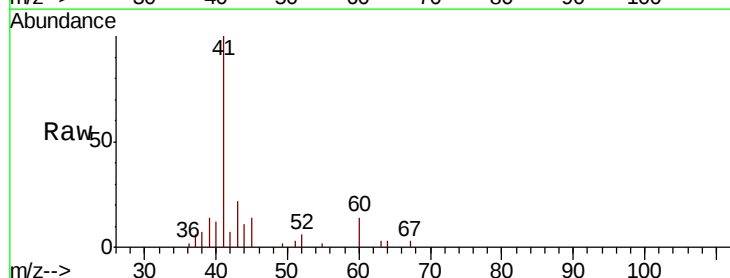
Tgt Ion: 41 Resp: 5778

Ion Ratio Lower Upper

41 100

69 0.3 70.2 105.4#

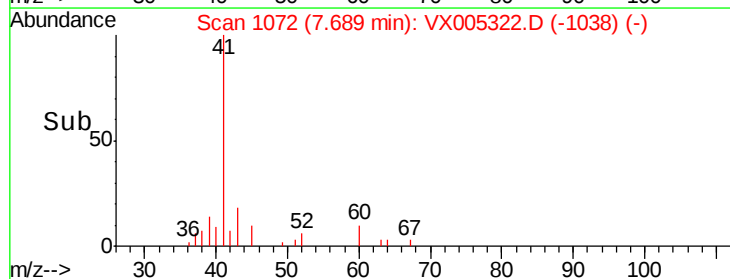
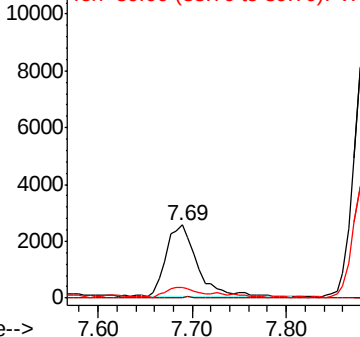
39 18.1 42.7 64.1#

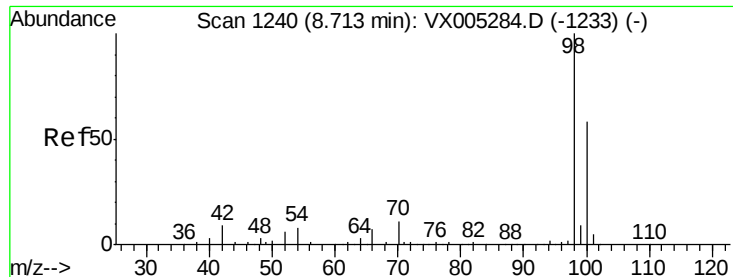


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

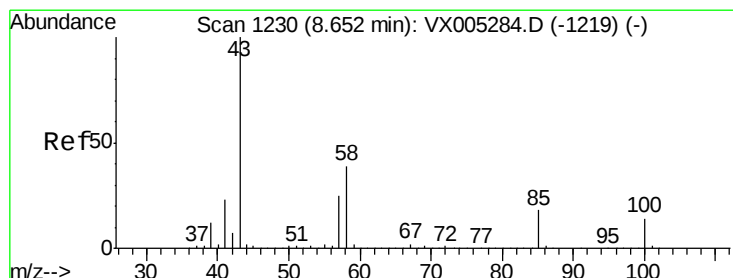
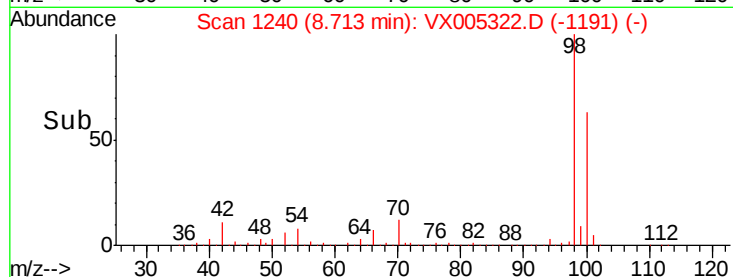
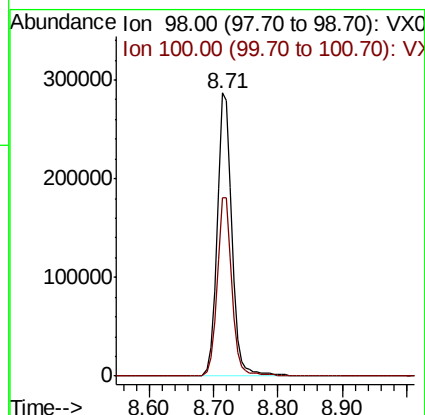
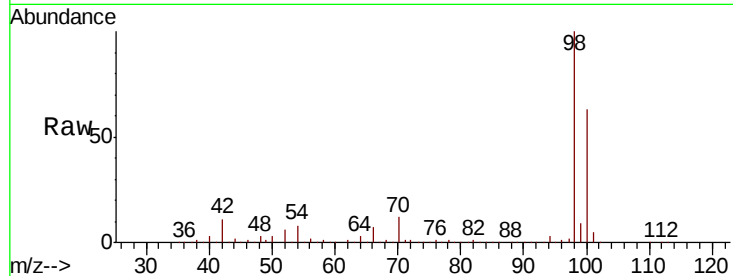




#50
Toluene-d8
Concen: 52.772 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

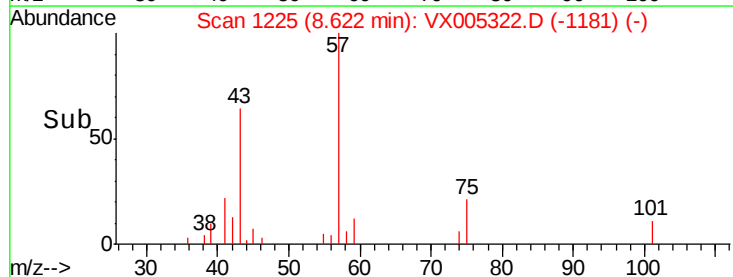
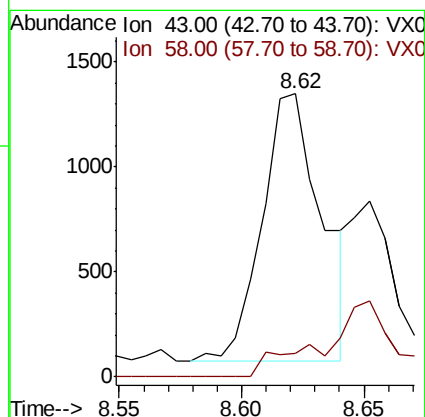
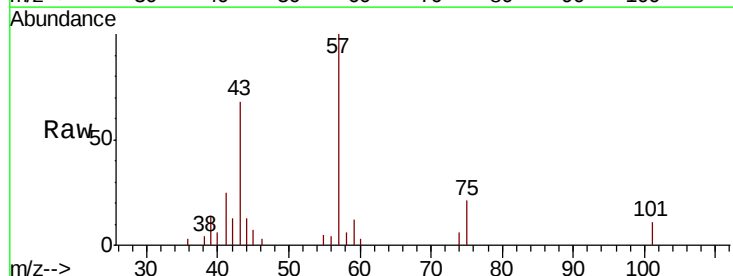
Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

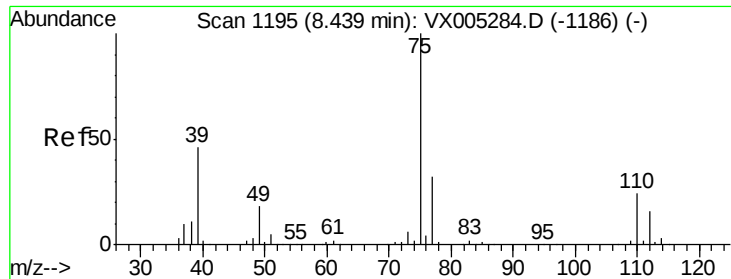
Tot Ion: 98 Resp: 461684
Ion Ratio Lower Upper
98 100
100 63.0 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion: 43 Resp: 2170
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



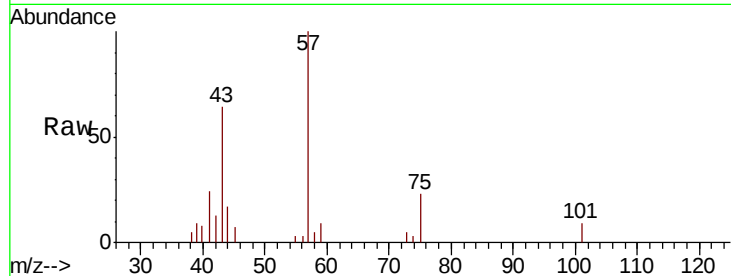


#54

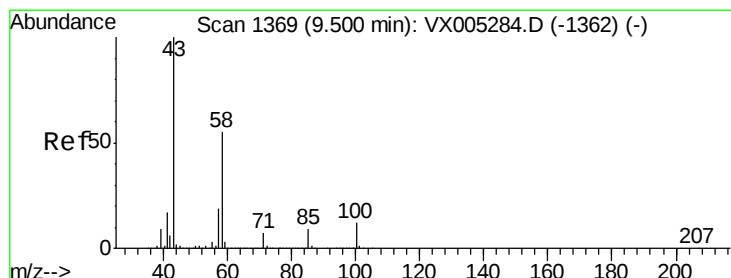
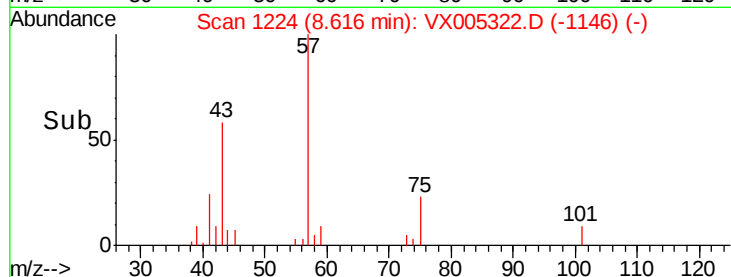
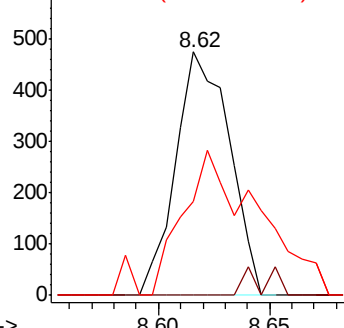
cis-1,3-Dichloropropene
 Concen: 0.204 ug/l
 RT: 8.62 min Scan# 1224
 Delta R.T. 0.18 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

Tot Ion: 75 Resp: 799
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 22.1 36.4 54.6#



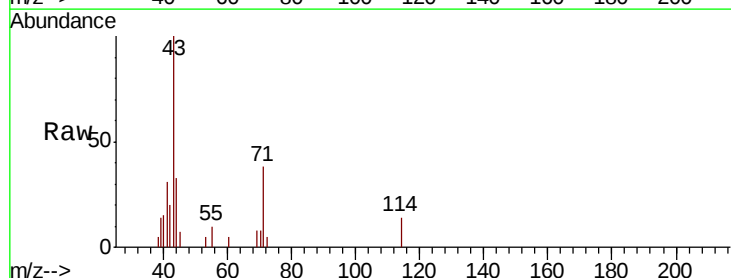
Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



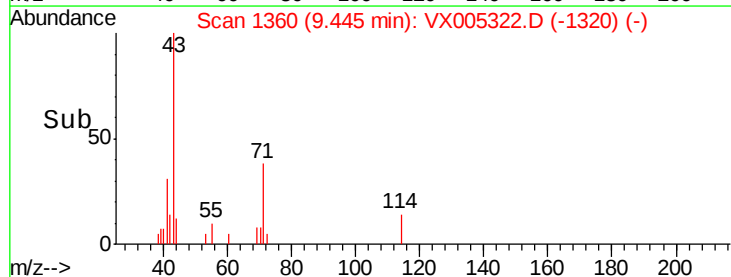
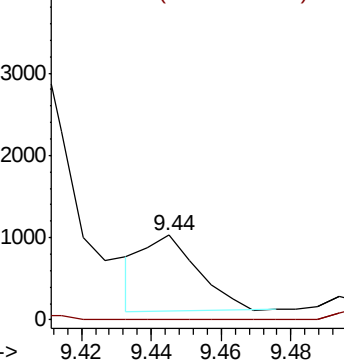
#59

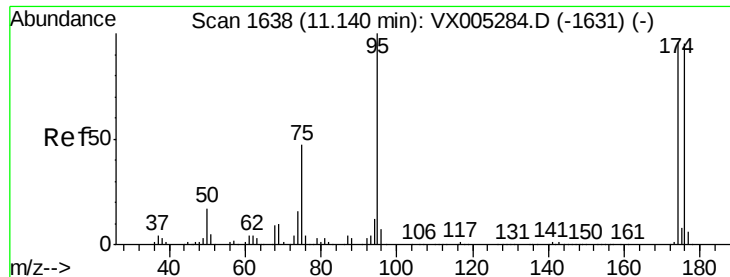
2-Hexanone
 Concen: 0.283 ug/l
 RT: 9.44 min Scan# 1360
 Delta R.T. -0.05 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Tgt Ion: 43 Resp: 1008
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.0 87.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.813 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

SOIL-DRUM

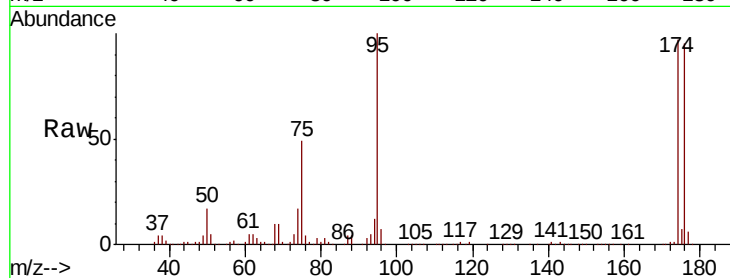
Tot Ion: 95 Resp: 150567

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.2

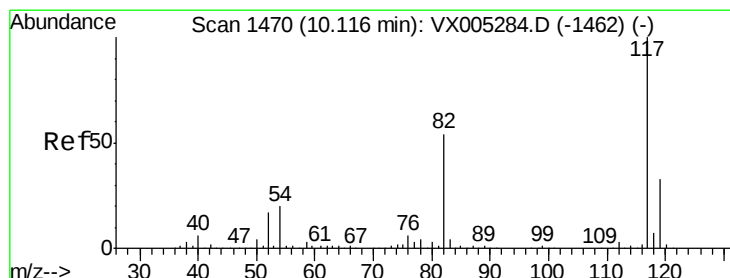
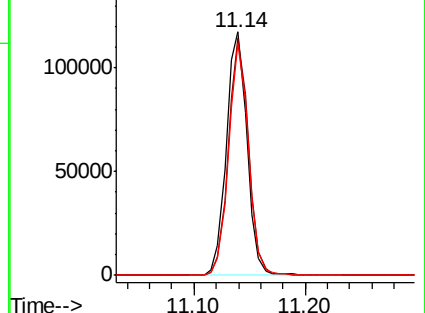
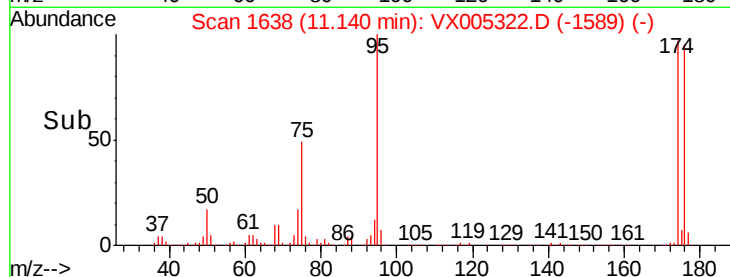
176 91.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005322.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005322.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005322.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

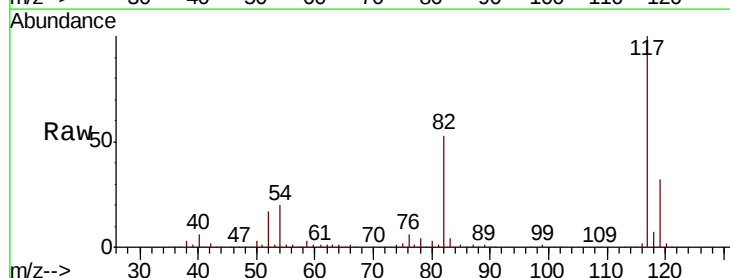
Tgt Ion: 117 Resp: 350567

Ion Ratio Lower Upper

117 100

82 52.8 47.8 71.6

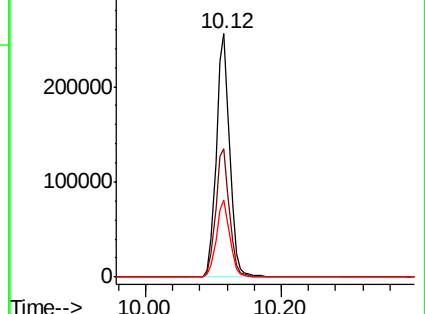
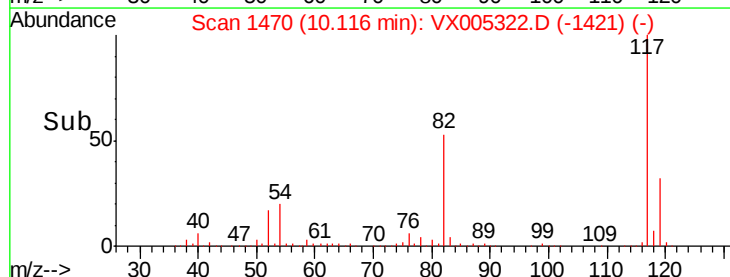
119 31.8 29.3 43.9

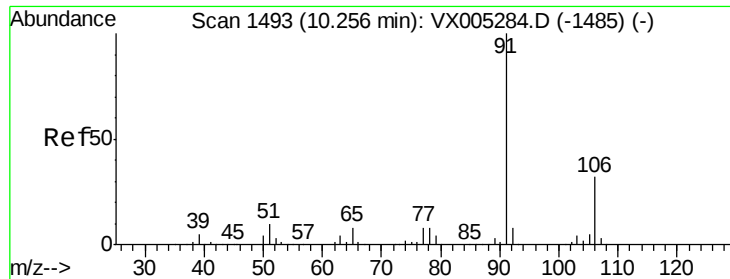


Abundance Ion 116.90 (116.60 to 117.60): VX005322.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005322.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005322.D (-1421) (-)

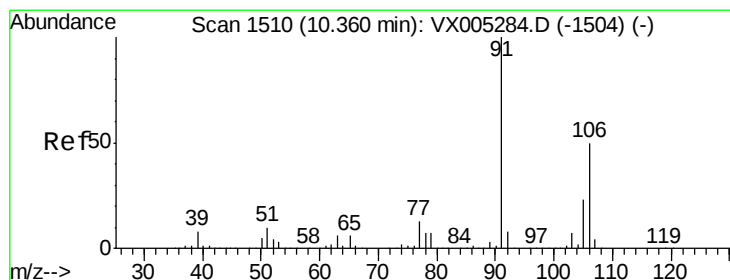
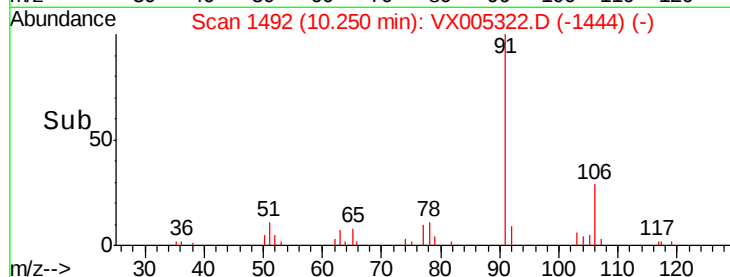
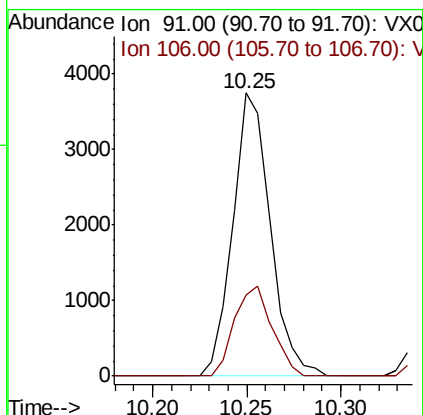
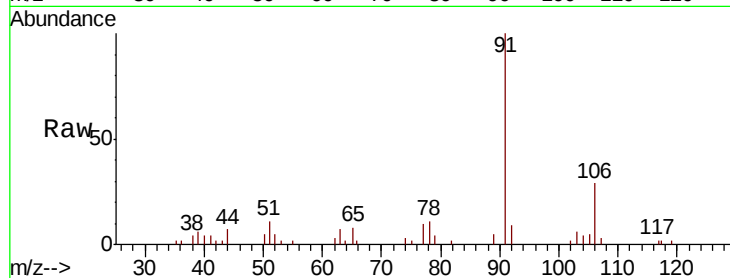




#67
Ethyl Benzene
Concen: 0.428 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

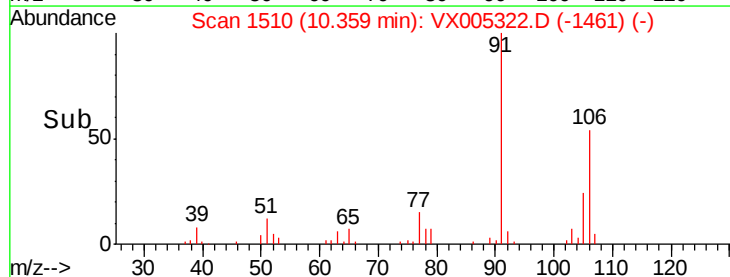
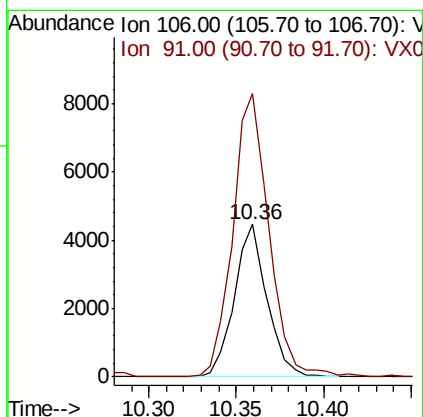
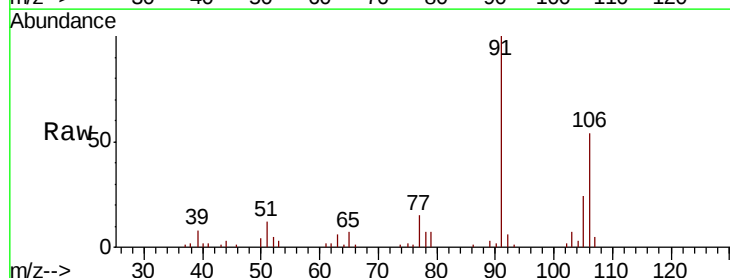
Instrument :
MSVOA_X
ClientSampled :
SOIL-DRUM

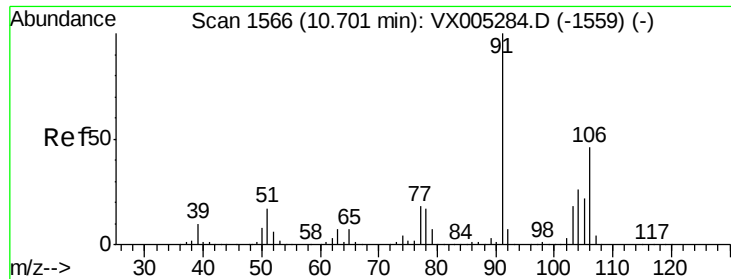
Tot Ion: 91 Resp: 5184
Ion Ratio Lower Upper
91 100
106 28.7 25.9 38.9



#68
m/p-Xylenes
Concen: 1.234 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion: 106 Resp: 5806
Ion Ratio Lower Upper
106 100
91 205.2 157.1 235.7

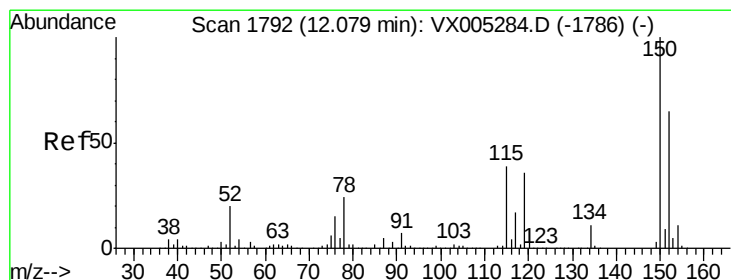
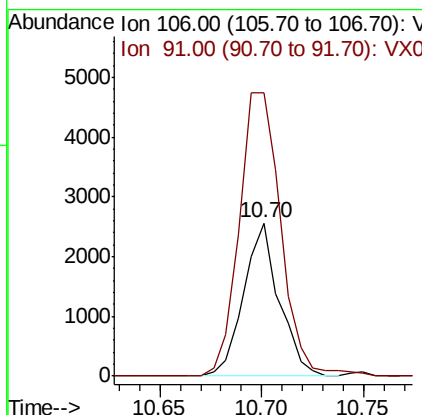
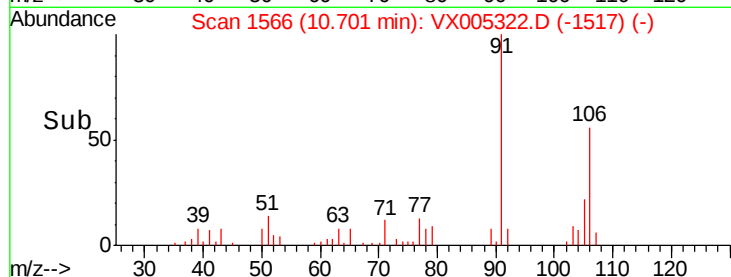
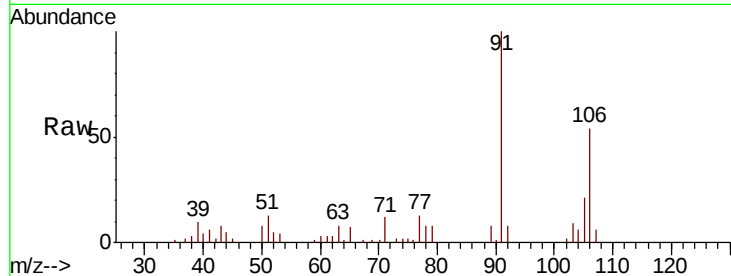




#69
o-Xylene
Concen: 0.685 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

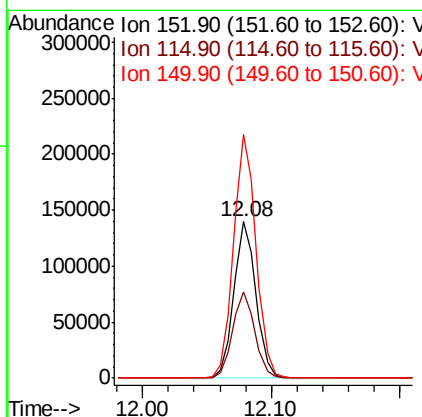
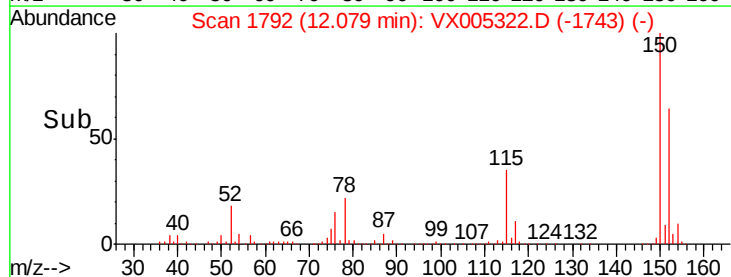
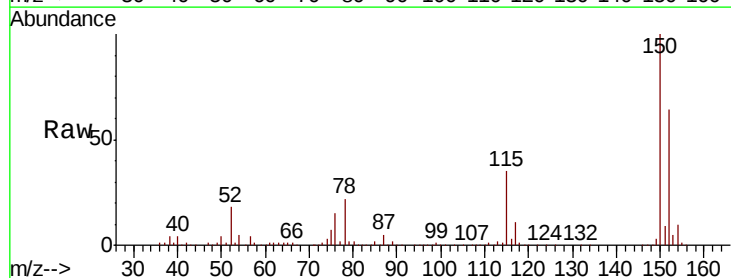
Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

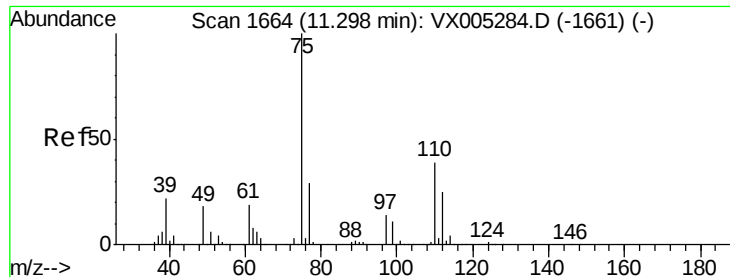
Tot Ion:106 Resp: 3109
Ion Ratio Lower Upper
106 100
91 216.3 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion:152 Resp: 167066
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 158.1 0.0 351.0

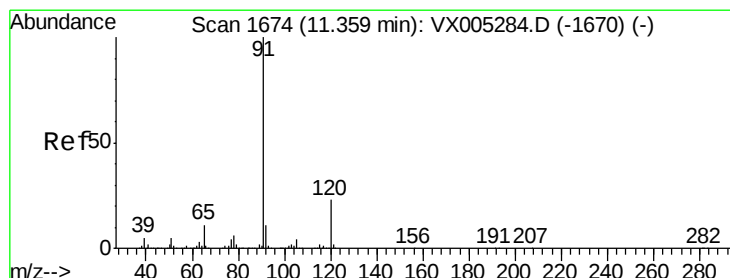
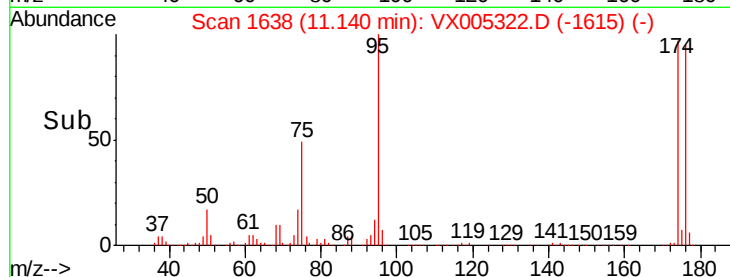
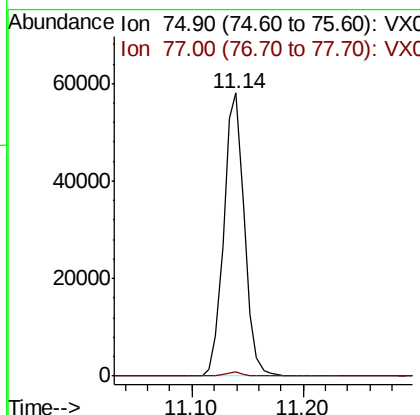
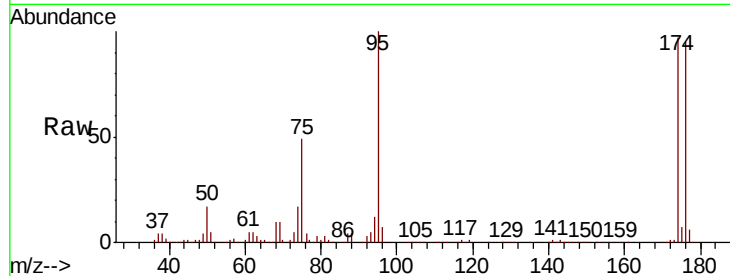




#76
 1,2,3-Trichloropropane
 Concen: 22.835 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

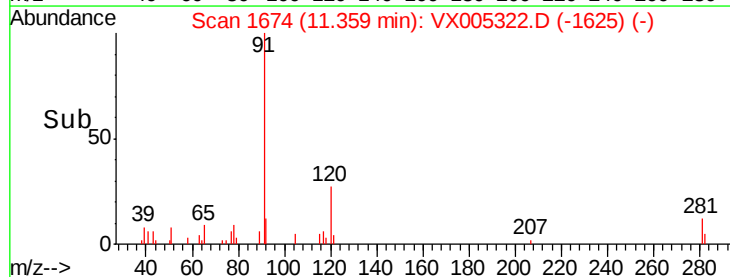
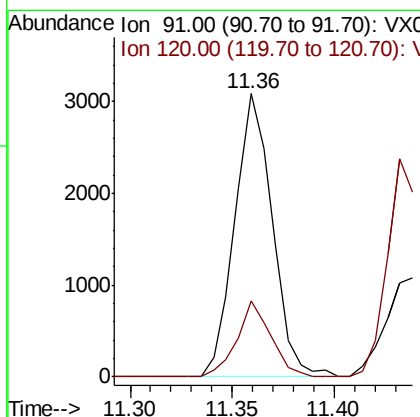
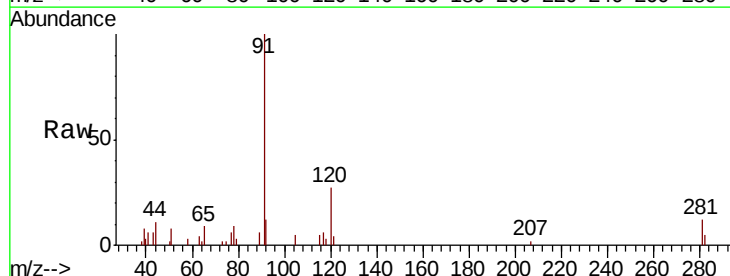
Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-DRUM

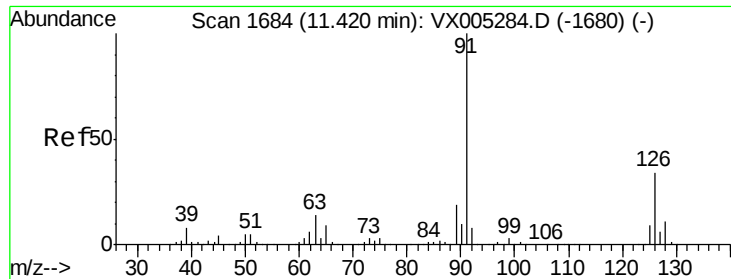
Tot Ion: 75 Resp: 73998
 Ion Ratio Lower Upper
 75 100
 77 1.5 20.2 60.6#



#78
 n-propylbenzene
 Concen: 0.346 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX005322.D
 Acq: 13 Oct 2018 04:57

Tgt Ion: 91 Resp: 3958
 Ion Ratio Lower Upper
 91 100
 120 24.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 0.274 ug/l

RT: 11.44 min Scan# 1687

Delta R.T. 0.02 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

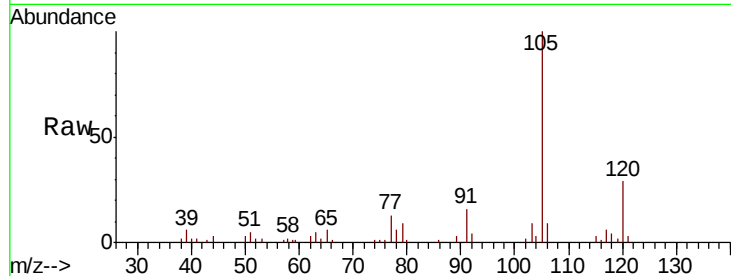
SOIL-DRUM

Tot Ion: 91 Resp: 1915

Ion Ratio Lower Upper

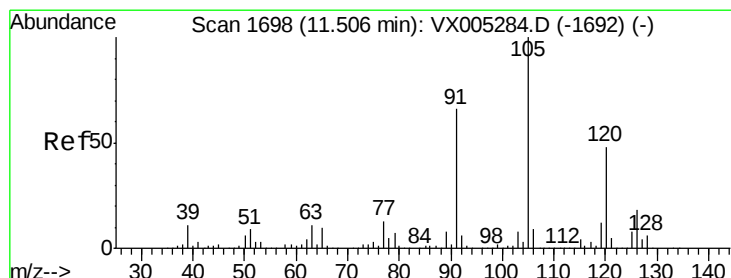
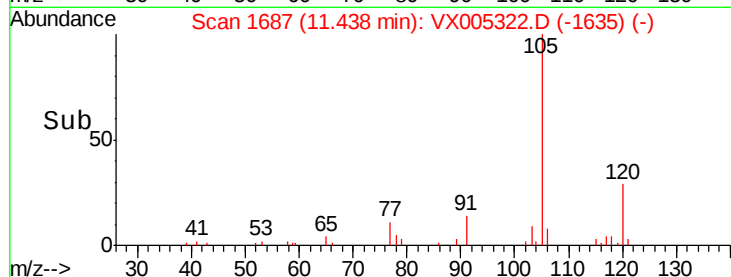
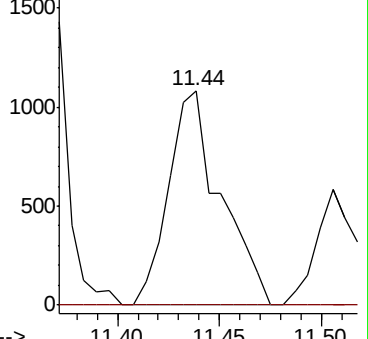
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX005284.D (-1680) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.697 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX005322.D

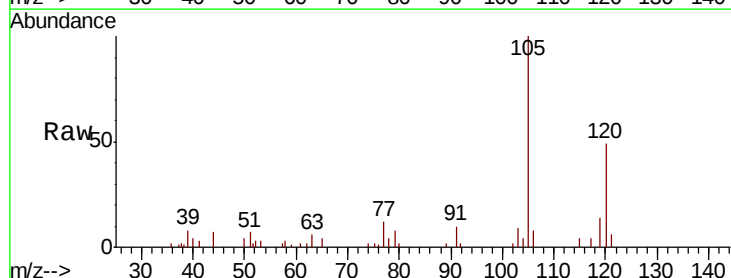
Acq: 13 Oct 2018 04:57

Tgt Ion: 105 Resp: 5929

Ion Ratio Lower Upper

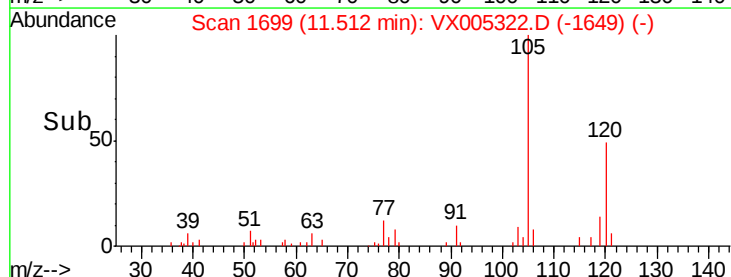
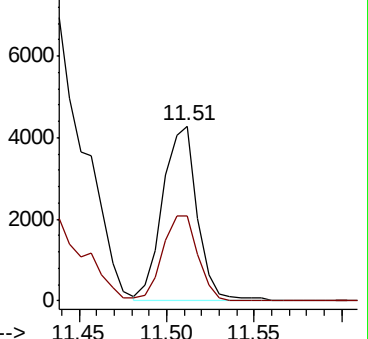
105 100

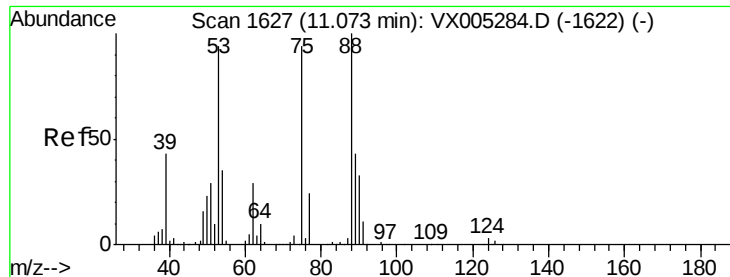
120 49.3 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX005284.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005284.D (-1692) (-)

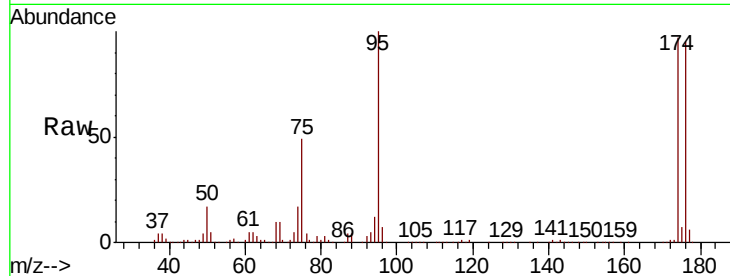




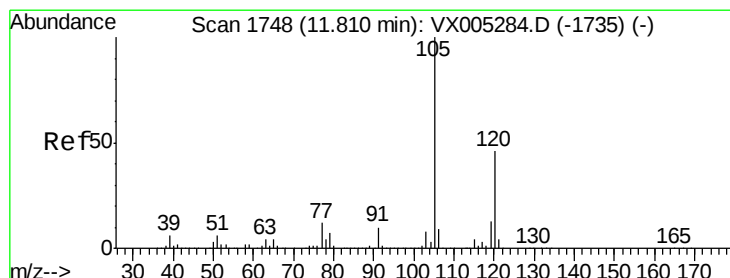
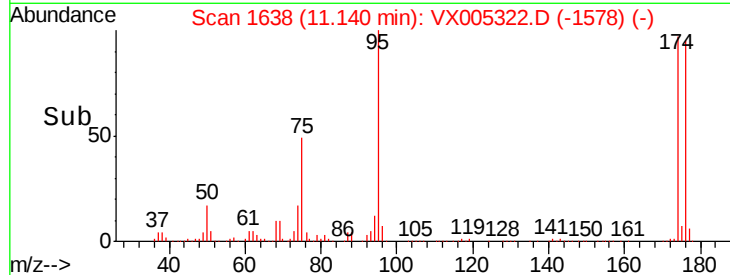
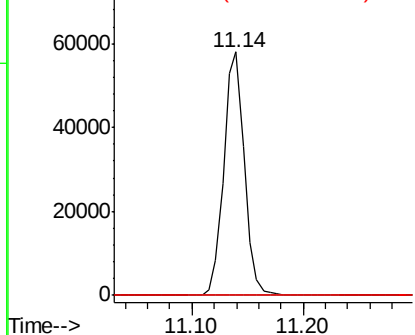
#81
trans-1,4-Dichloro-2-butene
Concen: 69.383 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

Tot Ion: 75 Resp: 73998
Ion Ratio Lower Upper
75 100
53 0.3 80.1 120.1#
89 0.0 37.2 55.8#

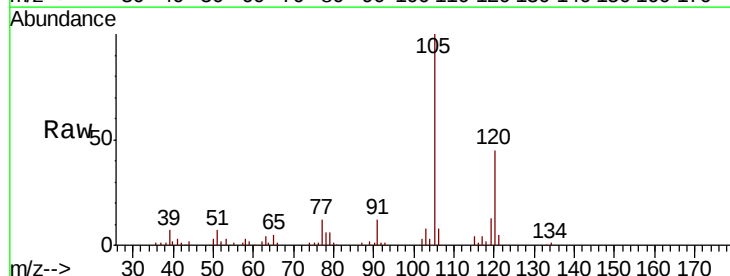


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

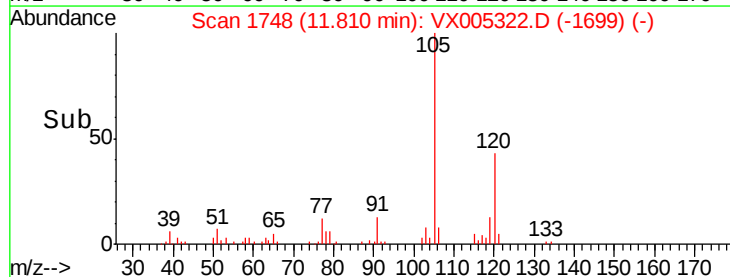
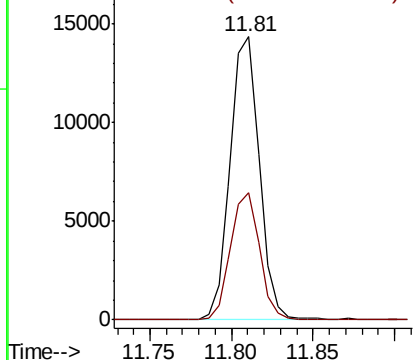


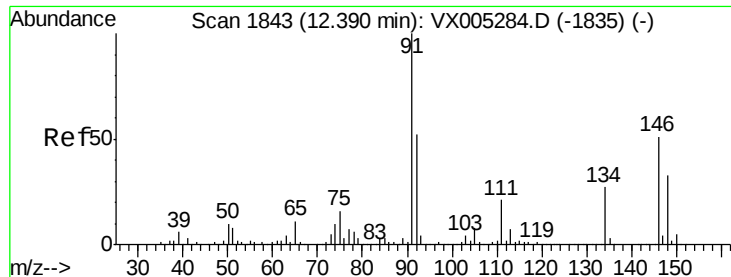
#84
1,2,4-Trimethylbenzene
Concen: 2.048 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Tgt Ion: 105 Resp: 17927
Ion Ratio Lower Upper
105 100
120 44.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#89

n-Butylbenzene

Concen: 0.236 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX005322.D

Acq: 13 Oct 2018 04:57

Instrument :

MSVOA_X

ClientSampleId :

SOIL-DRUM

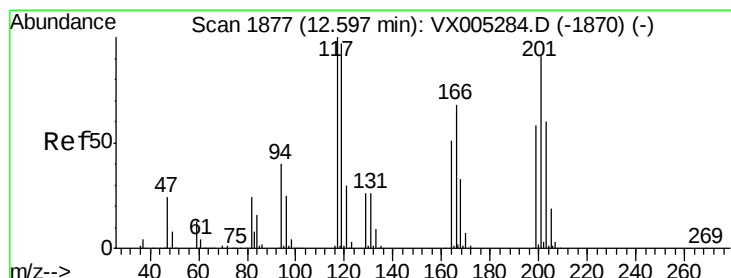
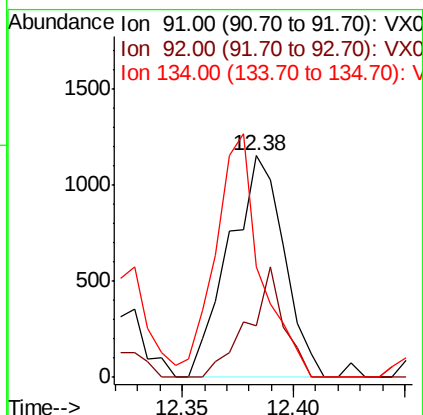
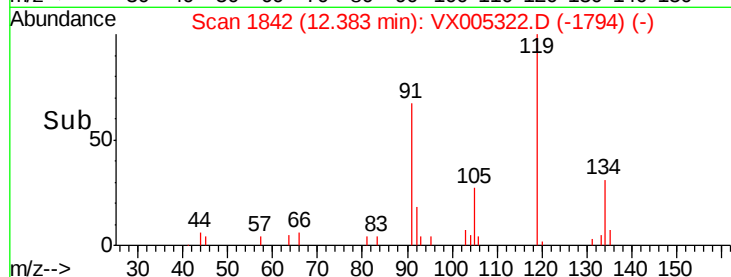
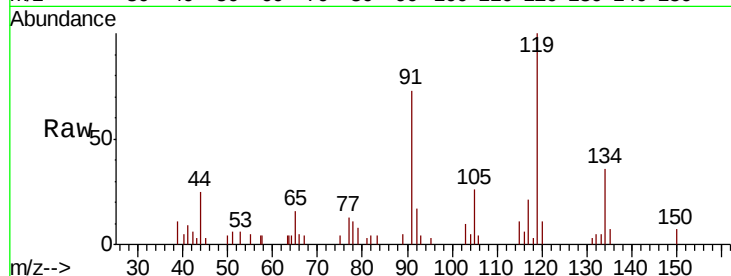
Tot Ion: 91 Resp: 1972

Ion Ratio Lower Upper

91 100

92 32.6 27.3 81.9

134 90.4 13.6 40.7#



#90

Hexachloroethane

Concen: 0.244 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX005322.D

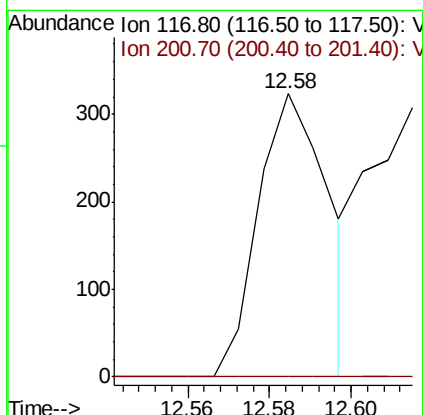
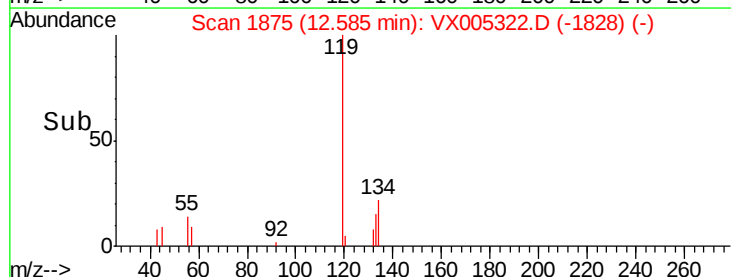
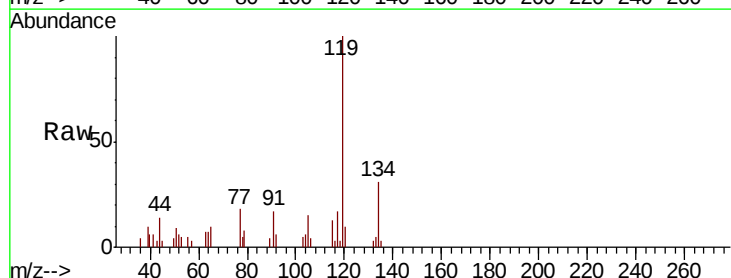
Acq: 13 Oct 2018 04:57

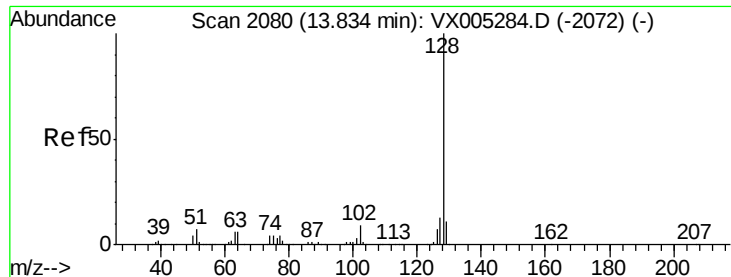
Tgt Ion: 117 Resp: 387

Ion Ratio Lower Upper

117 100

201 0.0 46.9 140.6#





#95
Naphthalene
Concen: 25.133 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005322.D
Acq: 13 Oct 2018 04:57

Instrument :
MSVOA_X
ClientSampleId :
SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.0	8.6	12.8

