

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083120\
 Data File : VX018153.D
 Acq On : 31 Aug 2020 17:25
 Operator : JC/SP
 Sample : L3835-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-SOILREF-6

Quant Time: Sep 01 05:32:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	486193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	794060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	750750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	353406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	339979	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	5.47	113	276338	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
50) Toluene-d8	8.70	98	960005	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.12	95	355807	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	

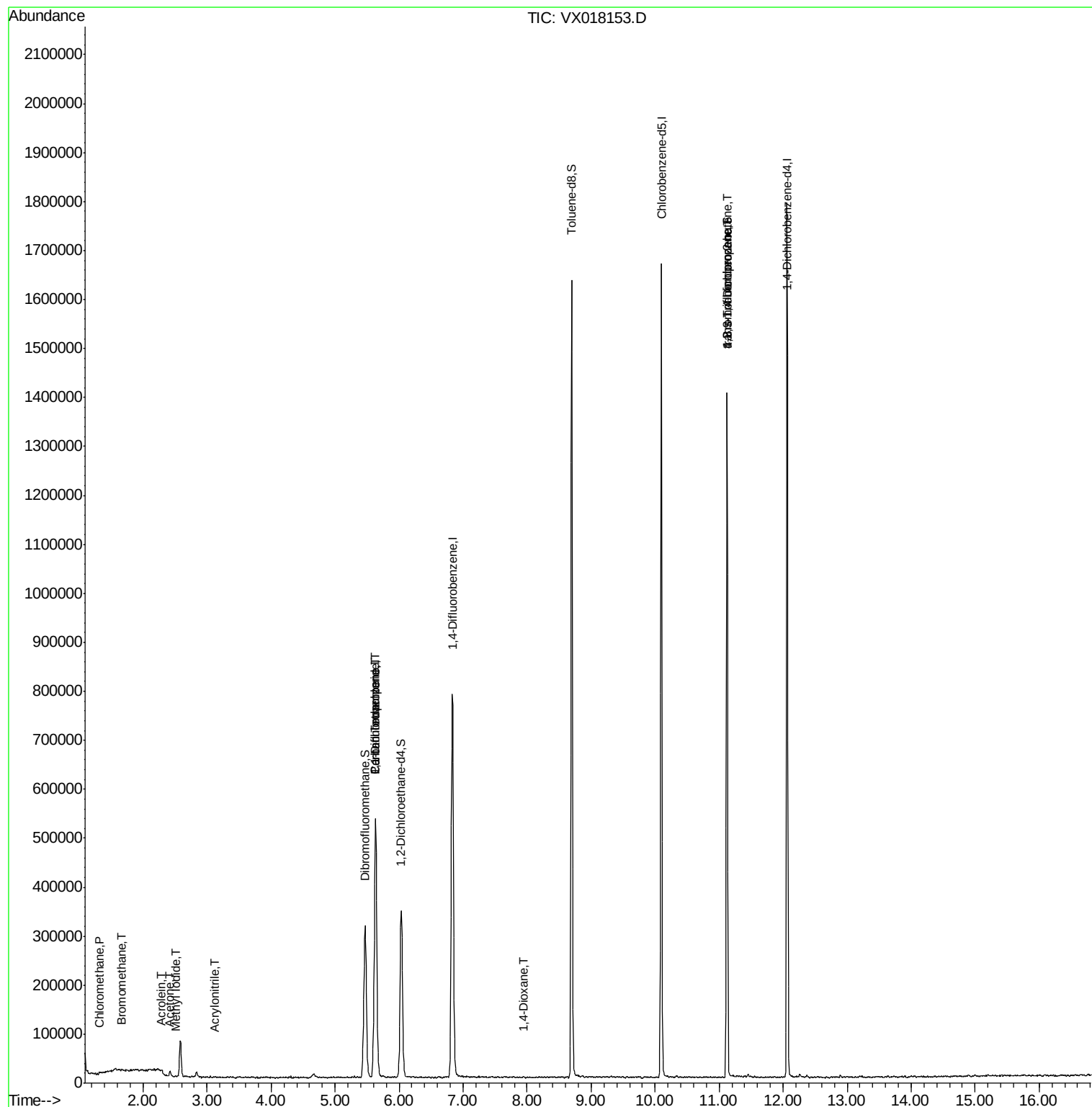
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	3176	0.509	ug/l	92
5) Bromomethane	1.65	94	876	0.292	ug/l #	25
10) Methyl Iodide	2.51	142	176	5.319	ug/l	96
13) Acrolein	2.29	56	543	0.998	ug/l #	1
15) Acrylonitrile	3.12	53	701	0.235	ug/l #	31
16) Acetone	2.42	43	12113	4.606	ug/l	90
20) Methylene Chloride	2.84	84	4981	Below Cal	#	84
36) 1,1-Dichloropropene	5.64	75	37085	5.063	ug/l #	53
38) Carbon Tetrachloride	5.62	117	50622	6.133	ug/l #	16
49) 1,4-Dioxane	7.95	88	522	4.213	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	182682	23.237	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	182682	62.760	ug/l #	12

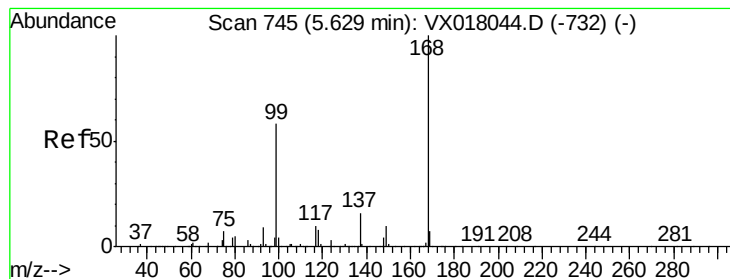
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

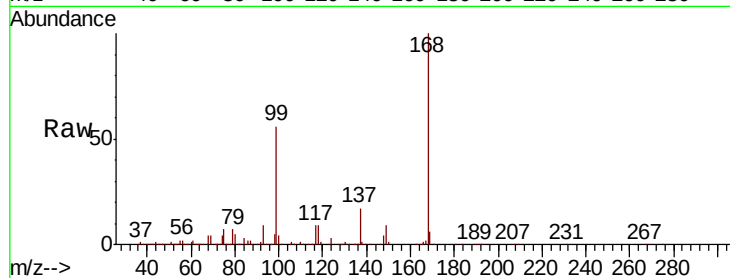
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 486193

Ion Ratio Lower Upper

168 100

99 56.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

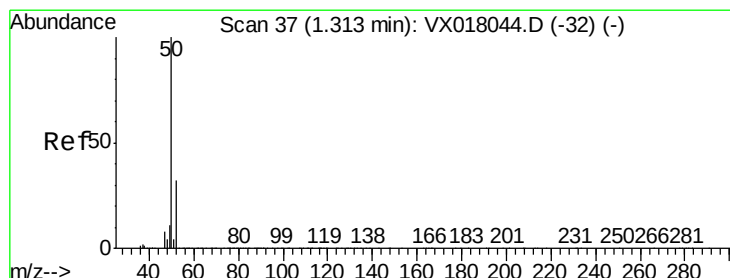
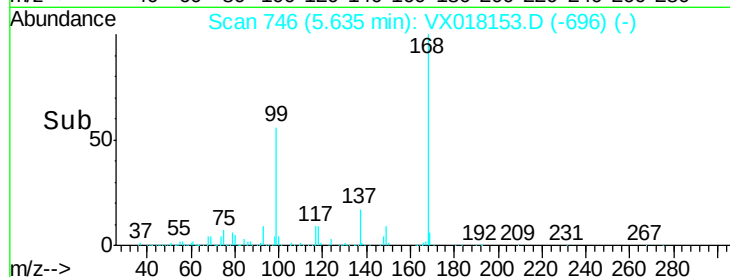
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.509 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018153.D

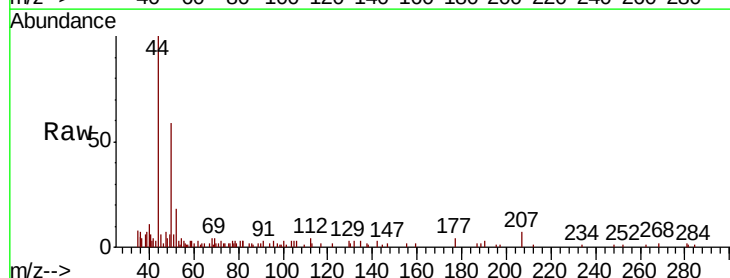
Acq: 31 Aug 2020 17:25

Tgt Ion: 50 Resp: 3176

Ion Ratio Lower Upper

50 100

52 27.5 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

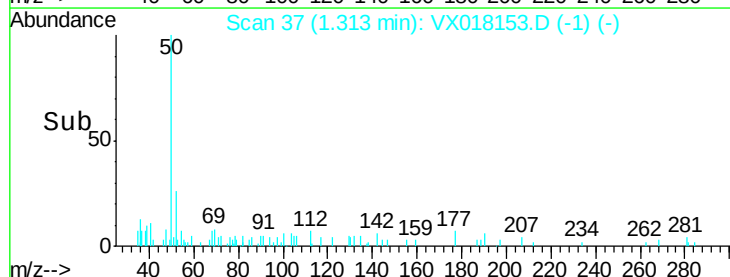
3000

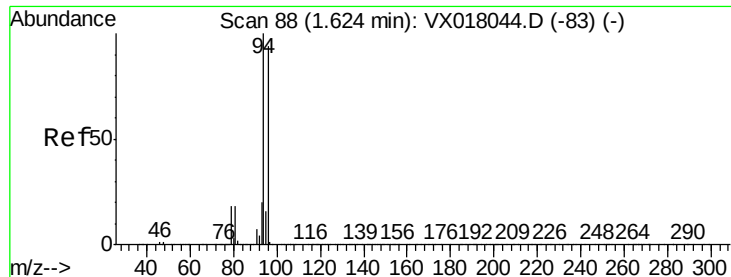
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.292 ug/l

RT: 1.65 min Scan# 93

Delta R.T. 0.03 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

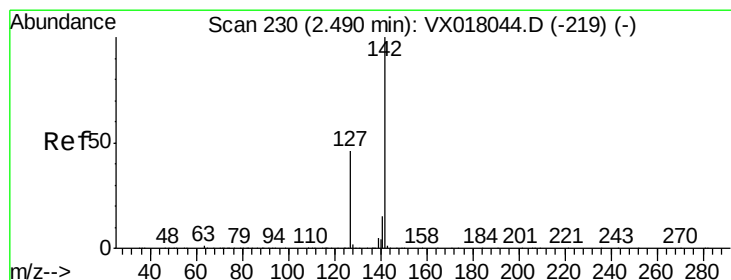
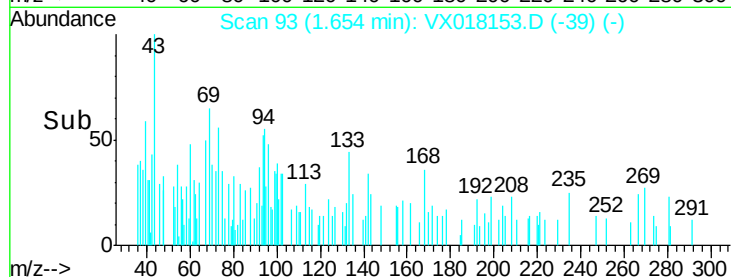
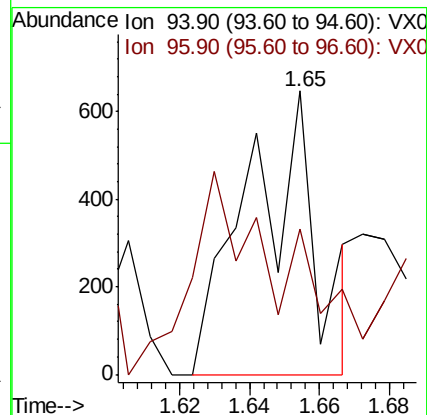
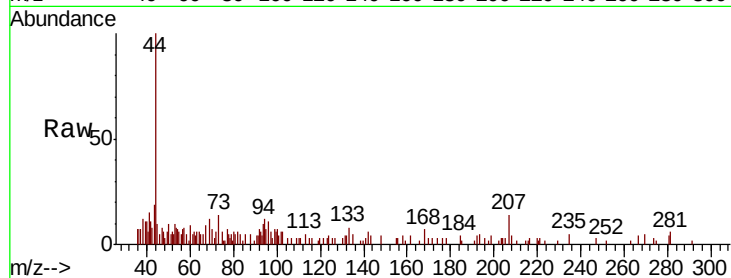
STORAGEBLANK-SOILREF-6

Tot Ion: 94 Resp: 876

Ion Ratio Lower Upper

94 100

96 21.5 74.8 112.2#



#10

Methyl Iodide

Concen: 5.319 ug/l

RT: 2.51 min Scan# 234

Delta R.T. 0.02 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

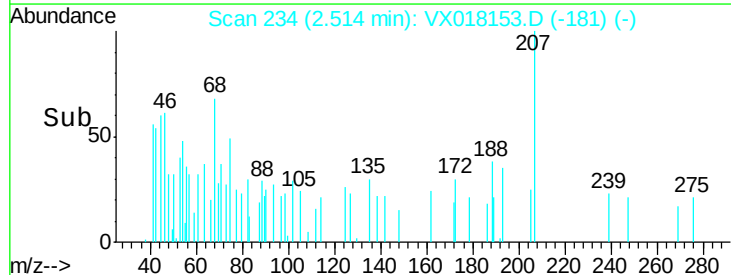
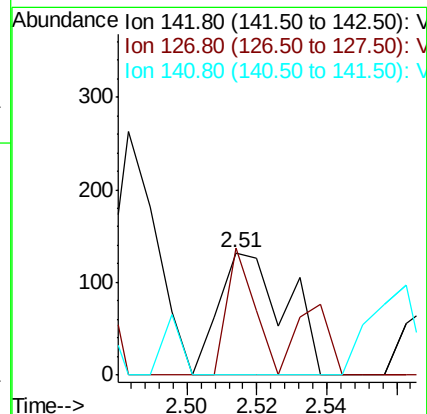
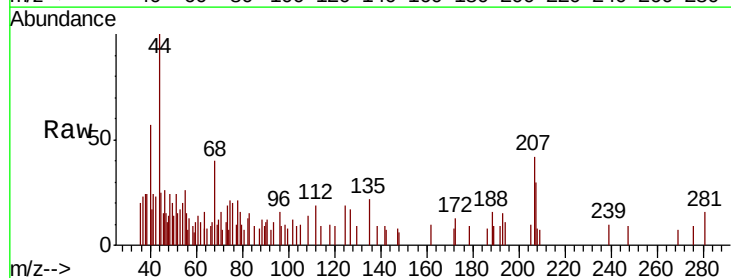
Tgt Ion: 142 Resp: 176

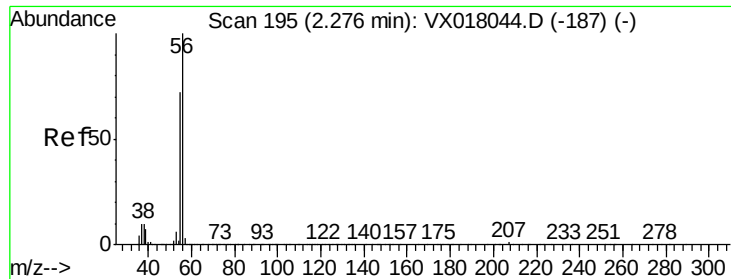
Ion Ratio Lower Upper

142 100

127 43.2 37.0 55.6

141 13.6 11.5 17.3





#13

Acrolein

Concen: 0.998 ug/l

RT: 2.29 min Scan# 197

Delta R.T. 0.01 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

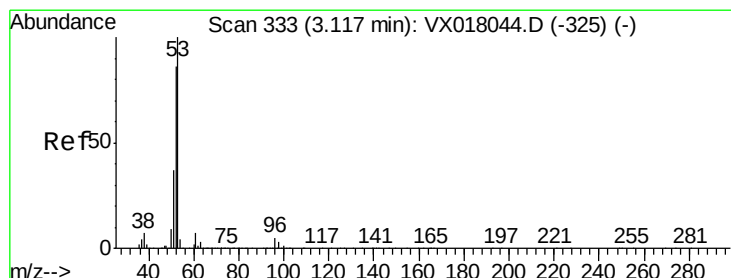
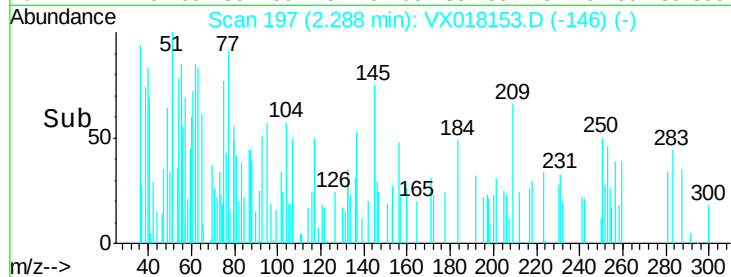
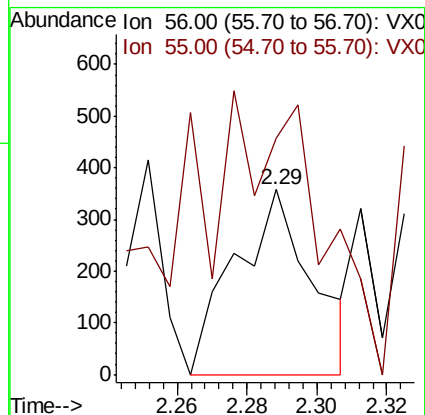
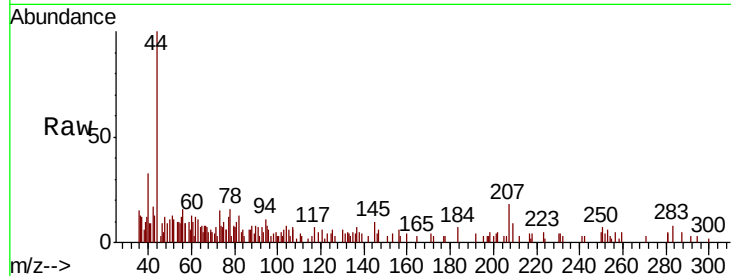
STORAGEBLANK-SOILREF-6

Tot Ion: 56 Resp: 543

Ion Ratio Lower Upper

56 100

55 171.8 57.0 85.6#



#15

Acrylonitrile

Concen: 0.235 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

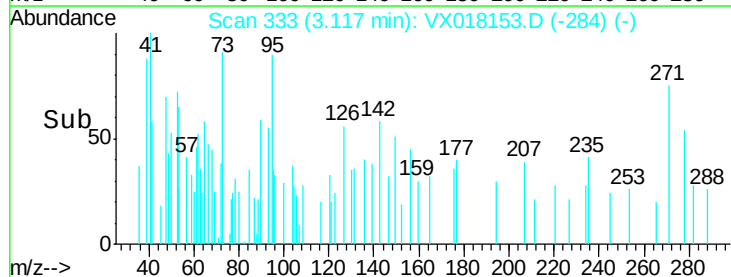
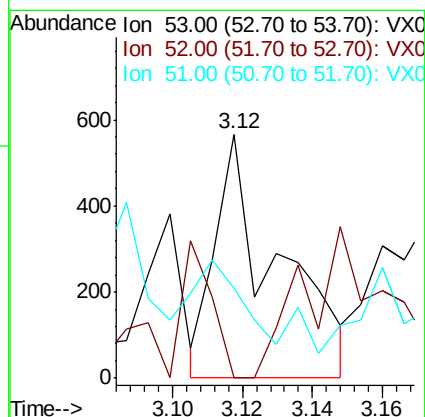
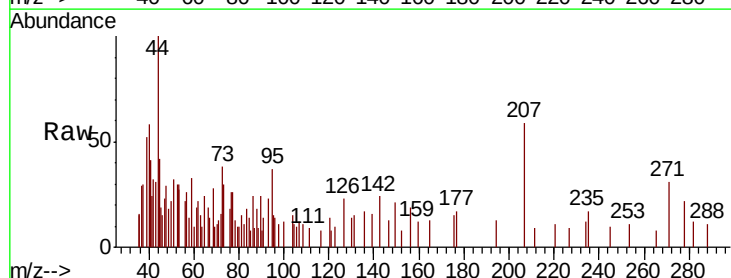
Tgt Ion: 53 Resp: 701

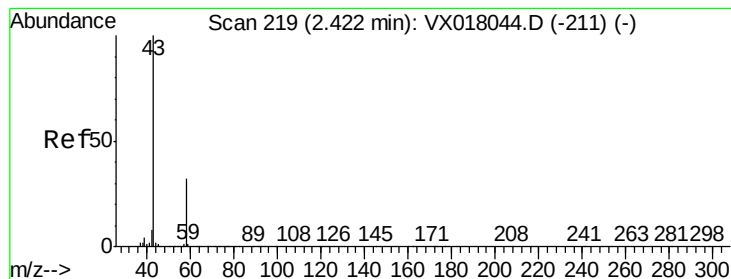
Ion Ratio Lower Upper

53 100

52 0.0 66.9 100.3#

51 27.4 28.7 43.1#





#16

Acetone

Concen: 4.606 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

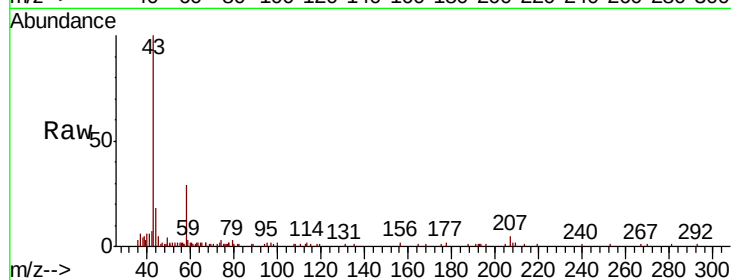
STORAGEBLANK-SOILREF-6

Tot Ion: 43 Resp: 12113

Ion Ratio Lower Upper

43 100

58 26.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

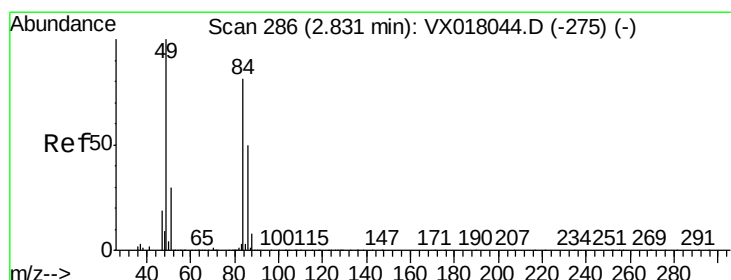
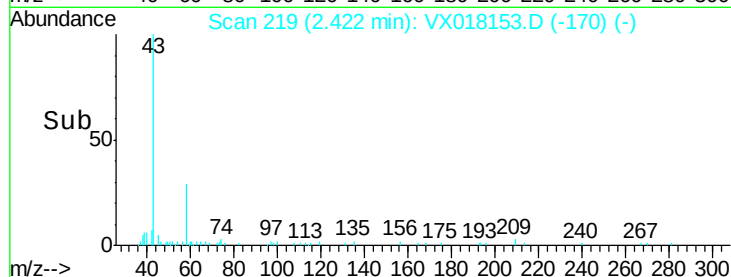
6000

4000

2000

0

Time--> 2.30 2.35 2.40 2.45 2.50



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Tgt Ion: 84 Resp: 4981

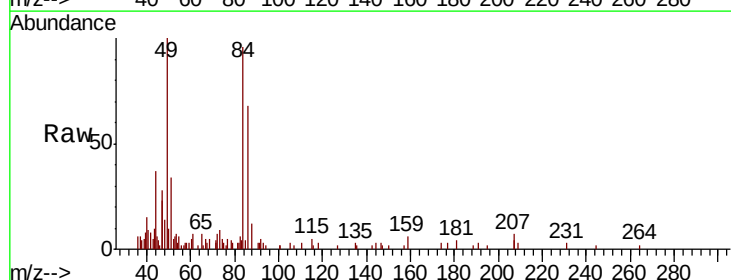
Ion Ratio Lower Upper

84 100

49 103.4 98.6 148.0

51 27.2 29.6 44.4#

86 72.9 49.8 74.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

5000

4000

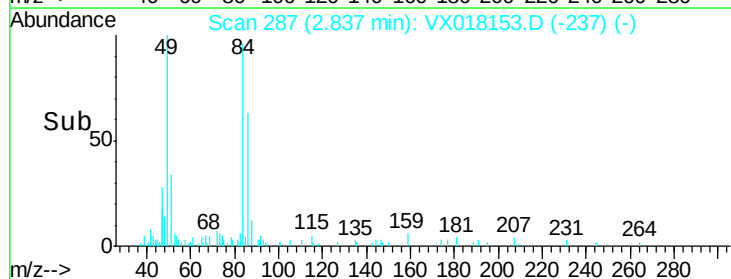
3000

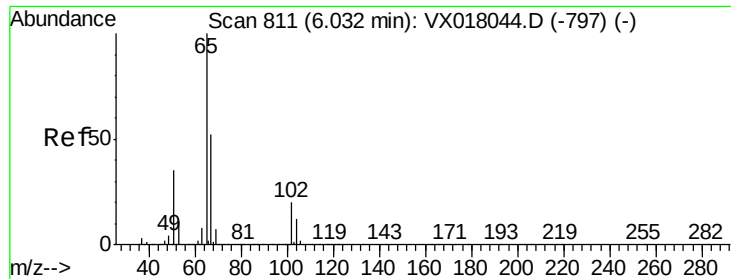
2000

1000

0

Time--> 2.75 2.80 2.85 2.90

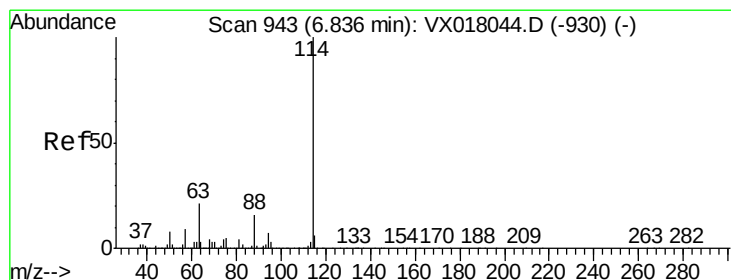
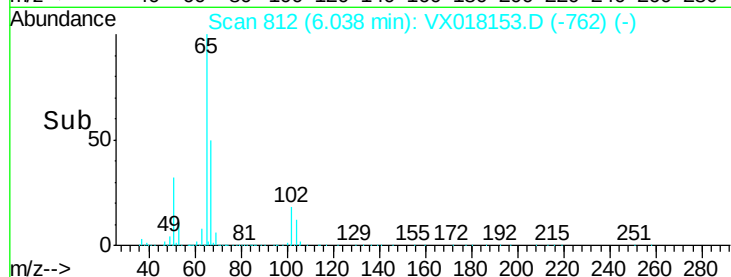
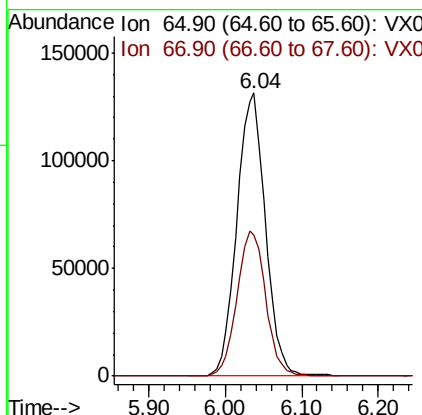
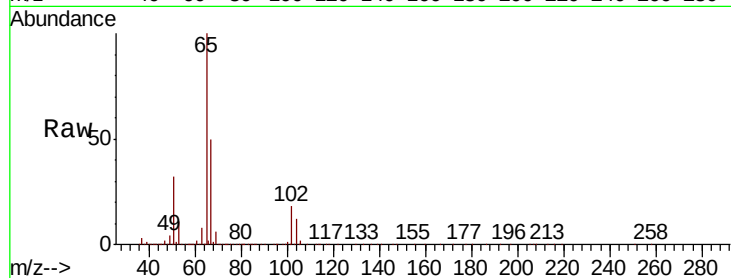




#33
 1,2-Dichloroethane-d4
 Concen: 50.370 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018153.D
 Acq: 31 Aug 2020 17:25

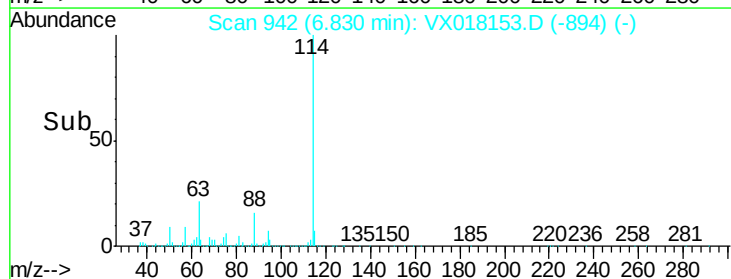
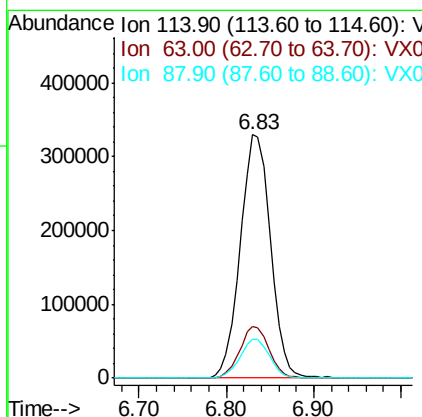
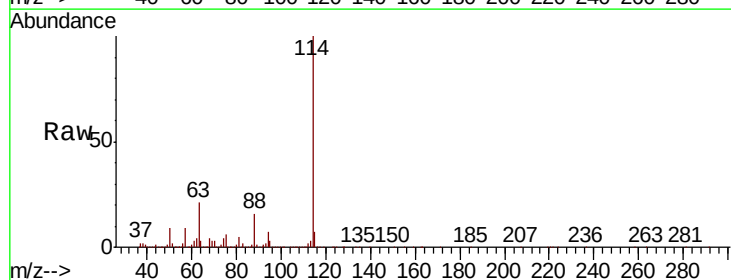
Instrument :
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 STORAGEBLANK-SOILREF-6

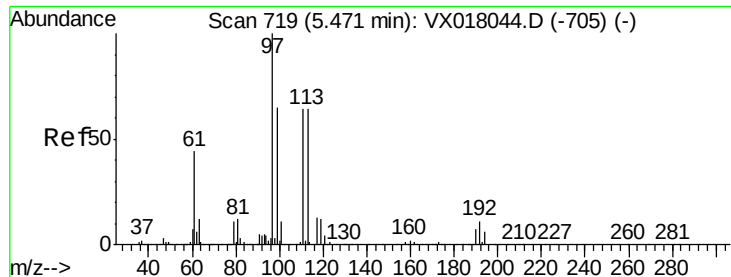
Tot Ion: 65 Resp: 339979
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018153.D
 Acq: 31 Aug 2020 17:25

Tgt Ion: 114 Resp: 794060
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.6
 88 16.0 0.0 31.8

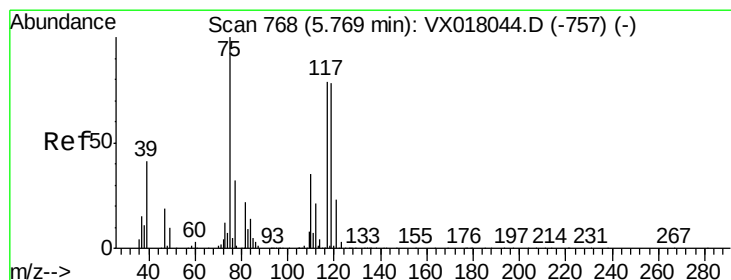
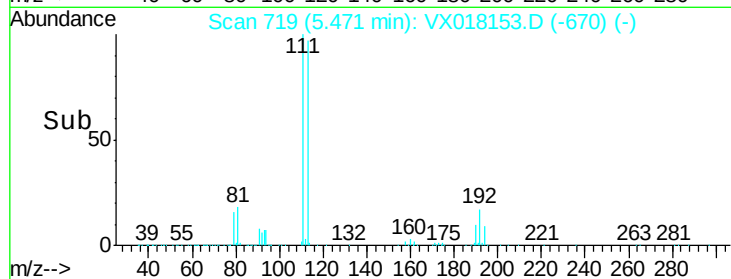
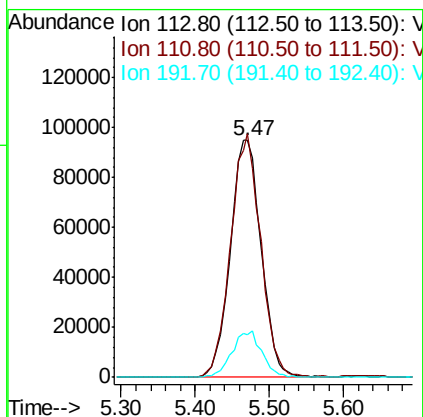
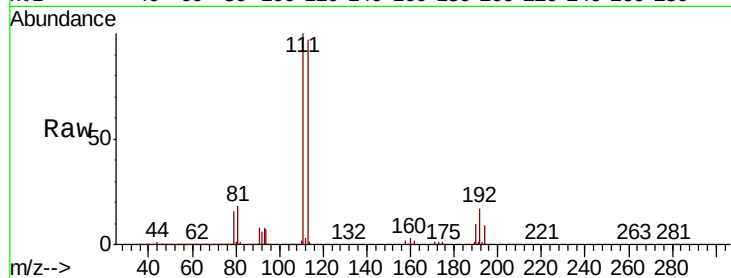




#35
 Dibromofluoromethane
 Concen: 51.099 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018153.D
 Acq: 31 Aug 2020 17:25

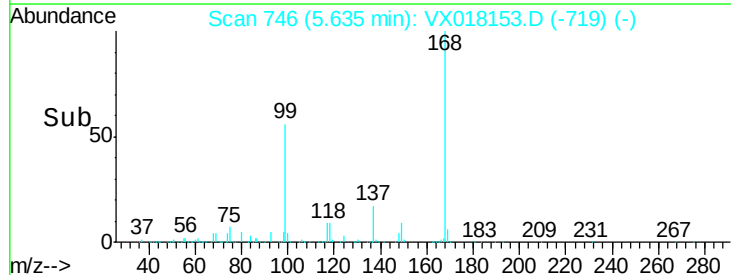
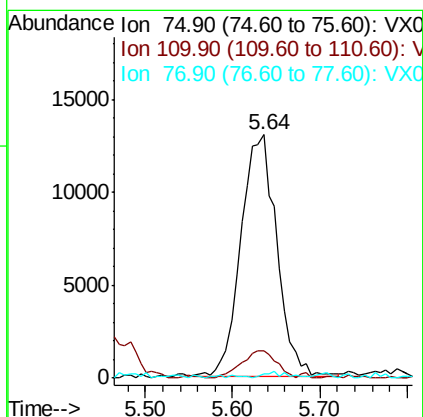
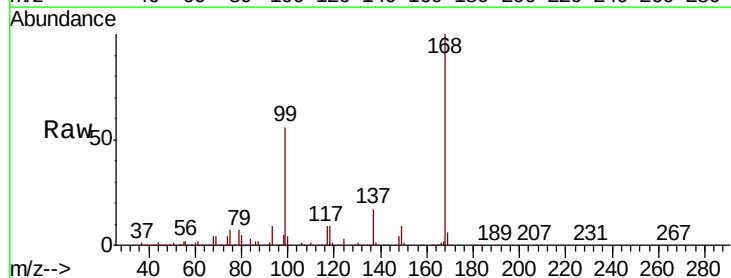
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

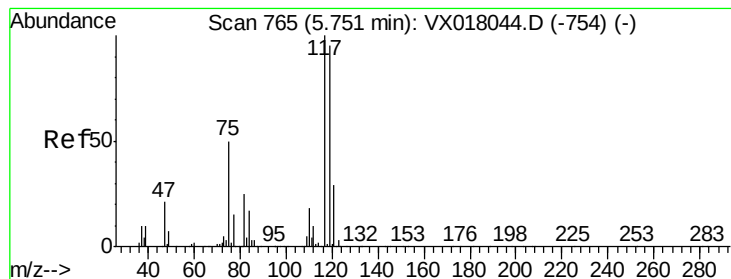
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.6	122.4
192	18.9	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX018153.D
 Acq: 31 Aug 2020 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.0	54.0#
77	1.8	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 6.133 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

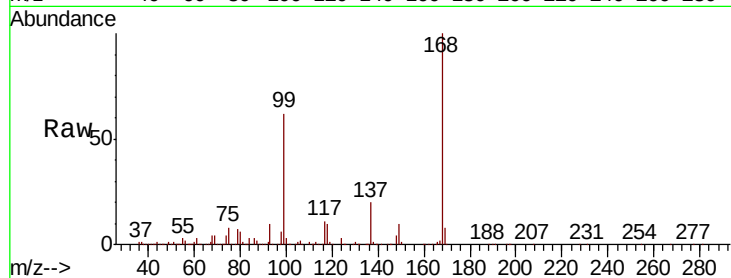
Tot Ion:117 Resp: 50622

Ion Ratio Lower Upper

117 100

119 5.0 75.8 113.6#

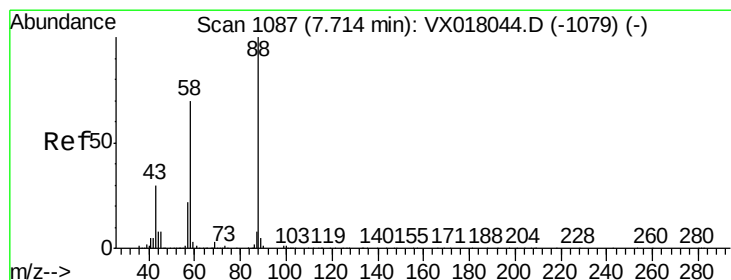
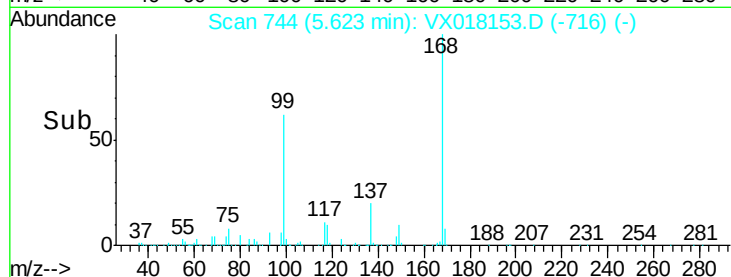
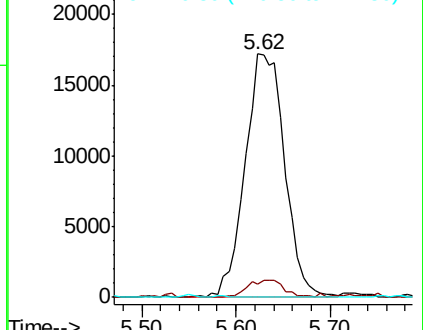
121 0.0 23.4 35.0#



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



#49

1,4-Dioxane

Concen: 4.213 ug/l

RT: 7.95 min Scan# 1126

Delta R.T. 0.24 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

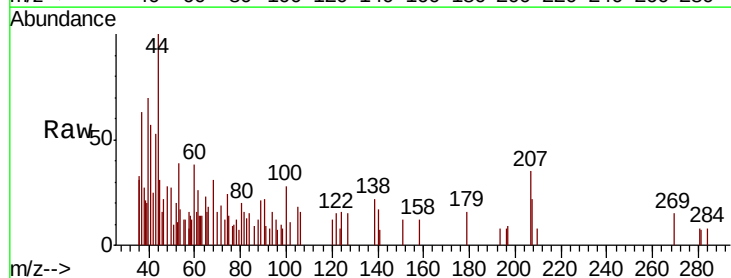
Tgt Ion: 88 Resp: 522

Ion Ratio Lower Upper

88 100

43 30.7 27.4 41.0

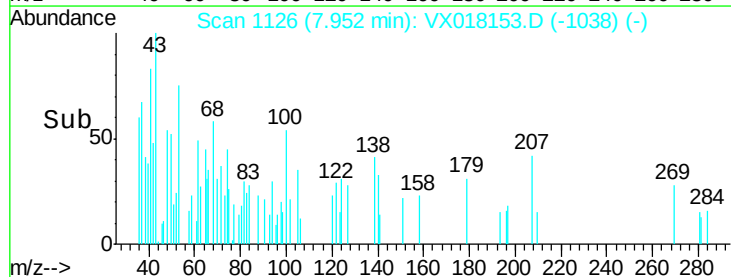
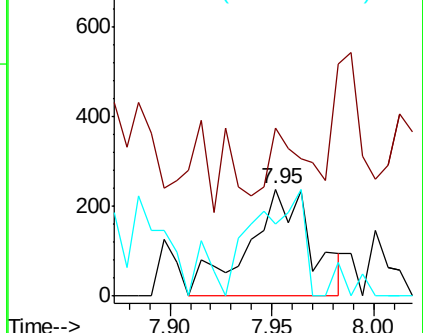
58 74.3 56.4 84.6

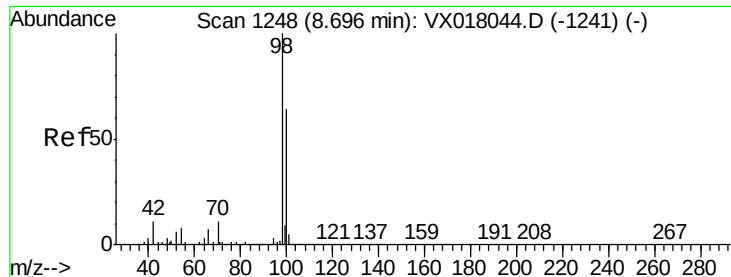


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 47.661 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

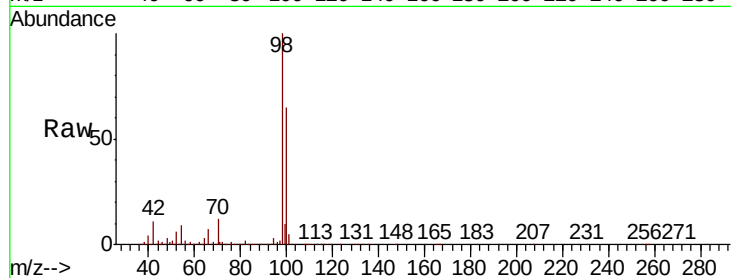
STORAGEBLANK-SOILREF-6

Tot Ion: 98 Resp: 960005

Ion Ratio Lower Upper

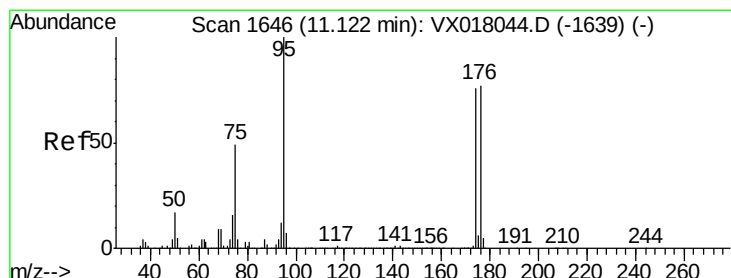
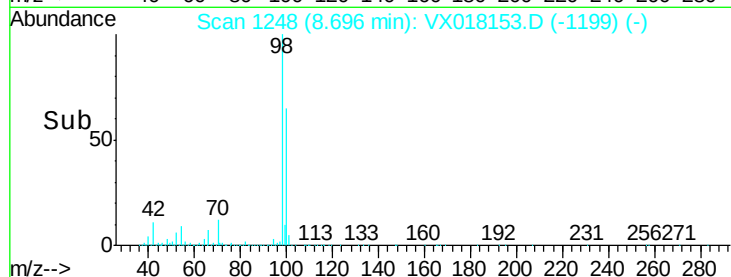
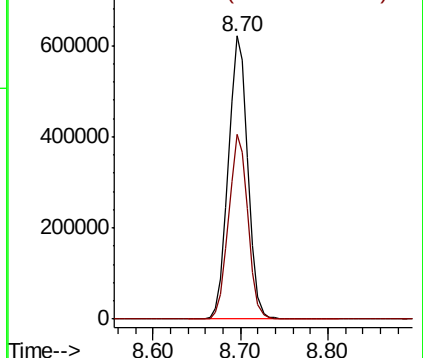
98 100

100 64.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.898 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

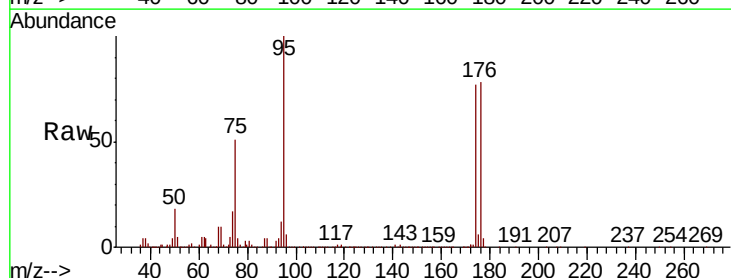
Tgt Ion: 95 Resp: 355807

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.2

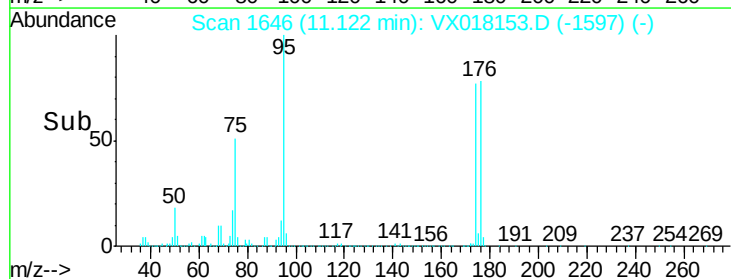
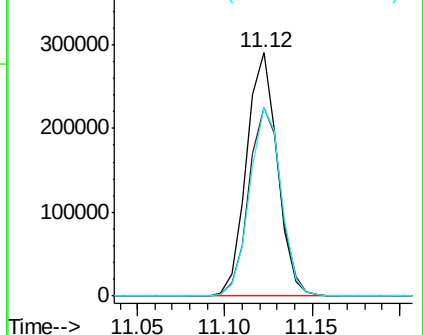
176 79.1 0.0 155.8

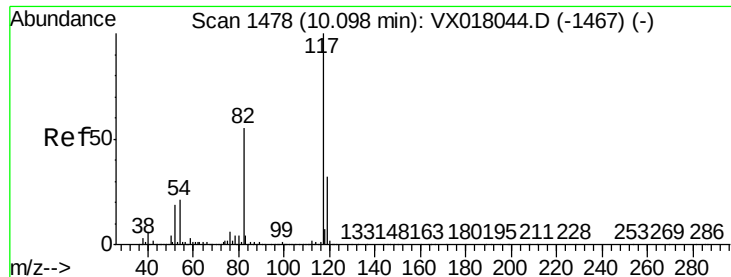


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

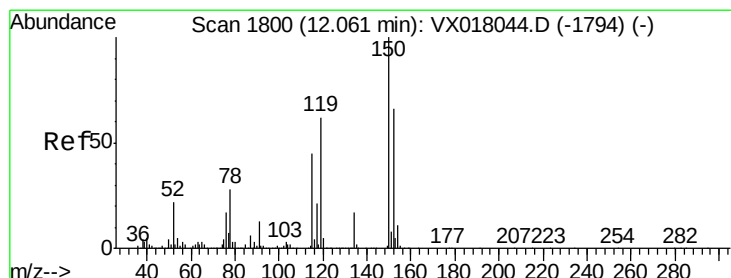
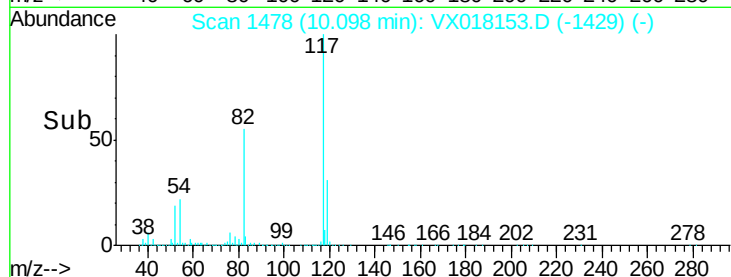
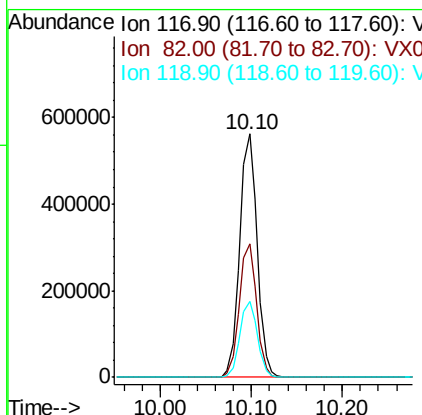
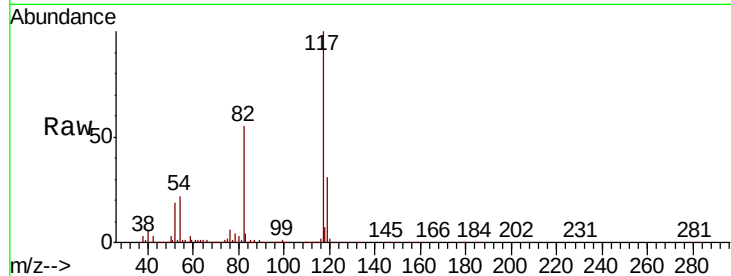




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018153.D
Acq: 31 Aug 2020 17:25

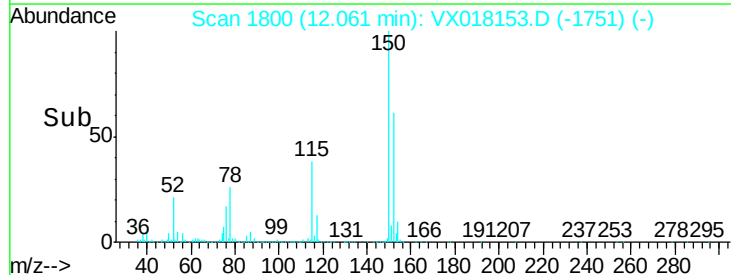
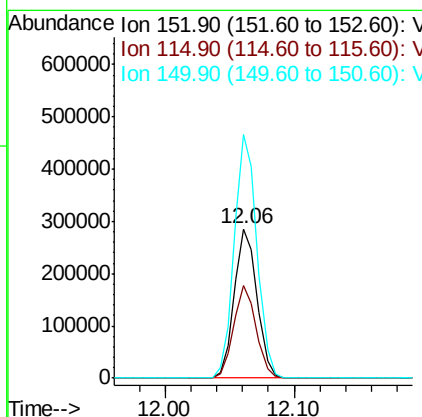
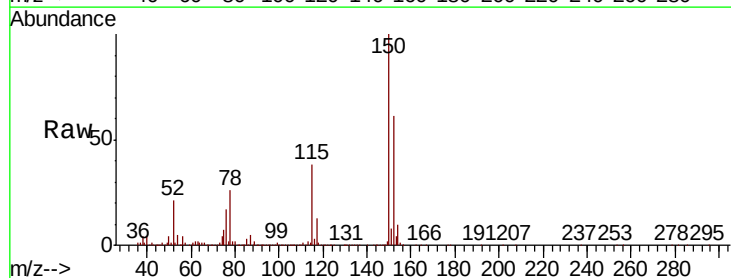
Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

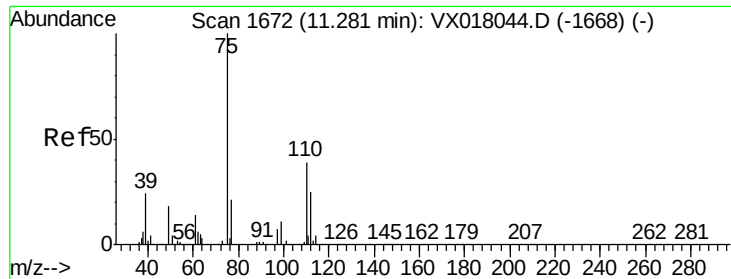
Tot Ion:117 Resp: 750750
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018153.D
Acq: 31 Aug 2020 17:25

Tgt Ion:152 Resp: 353406
Ion Ratio Lower Upper
152 100
115 61.2 41.5 124.5
150 161.5 0.0 343.8





#76

1,2,3-Trichloropropane

Concen: 23.237 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

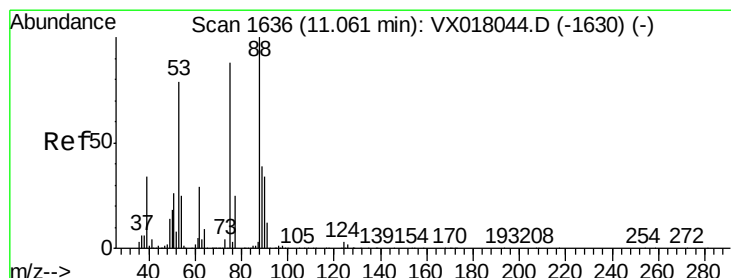
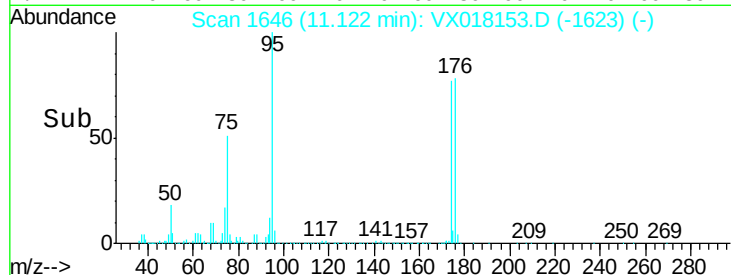
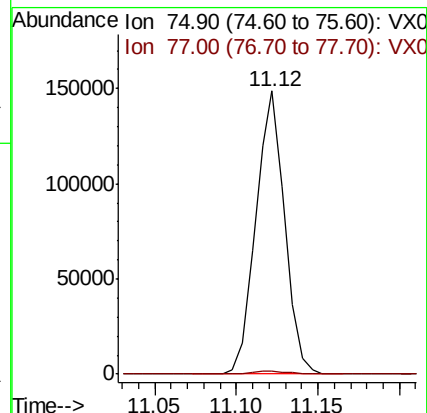
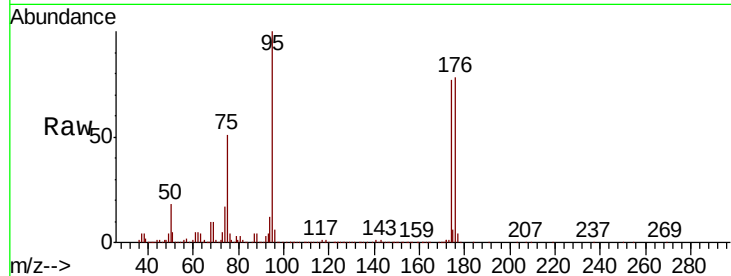
STORAGEBLANK-SOILREF-6

Tot Ion: 75 Resp: 182682

Ion Ratio Lower Upper

75 100

77 1.5 20.8 62.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.760 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Tgt Ion: 75 Resp: 182682

Ion Ratio Lower Upper

75 100

53 0.2 74.7 112.1#

89 0.1 36.6 54.8#

