

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009507.D
 Acq On : 11 May 2019 01:30
 Operator : JC/SP
 Sample : K2805-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: May 11 03:34:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124106	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
35) Dibromofluoromethane	5.50	113	91354	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	377052	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	124503	44.54	ug/l	0.00
Spiked Amount			Recovery	=	89.08%	

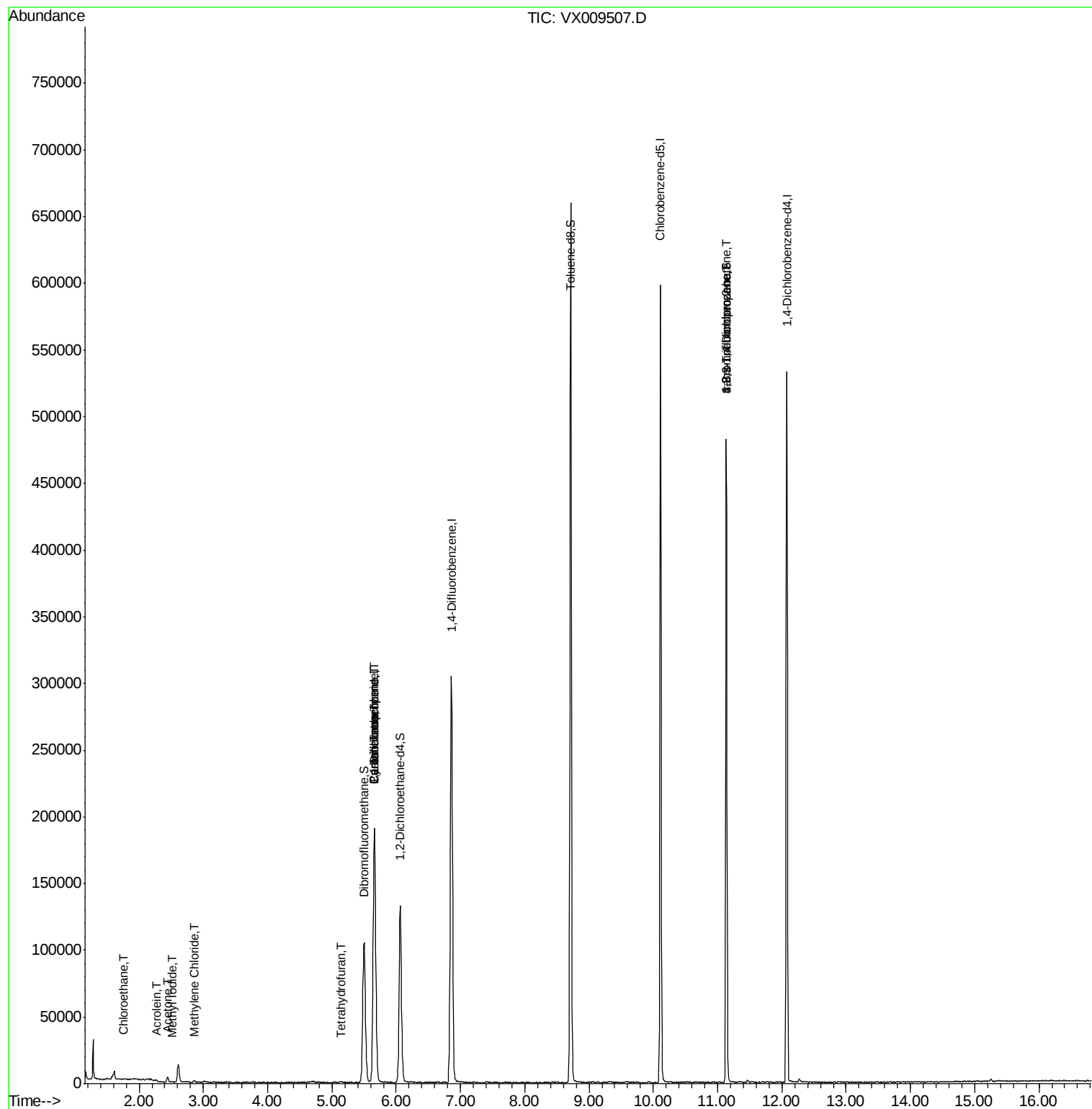
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.75	64	337	0.227	ug/l #	43
10) Methyl Iodide	2.51	142	19	4.602	ug/l #	42
13) Acrolein	2.28	56	162	0.300	ug/l #	62
16) Acetone	2.45	43	4318	3.122	ug/l	98
20) Methylene Chloride	2.85	84	451	0.201	ug/l #	81
28) Bromochloromethane	5.00	49	20	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	391	0.283	ug/l #	75
31) Cyclohexane	5.66	56	3946	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14204	5.043	ug/l #	49
38) Carbon Tetrachloride	5.66	117	17637	6.891	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	64099	24.423	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	64099	62.491	ug/l #	10

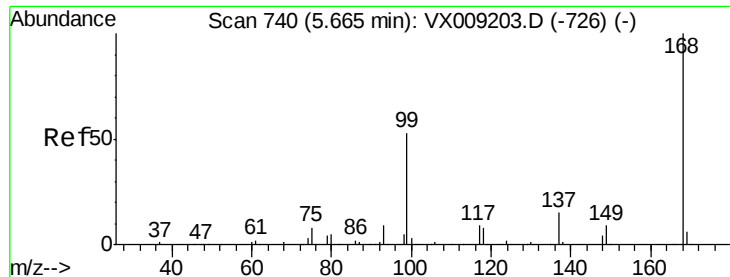
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051019\
Data File : VX009507.D
Acq On : 11 May 2019 01:30
Operator : JC/SP
Sample : K2805-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: May 11 03:34:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

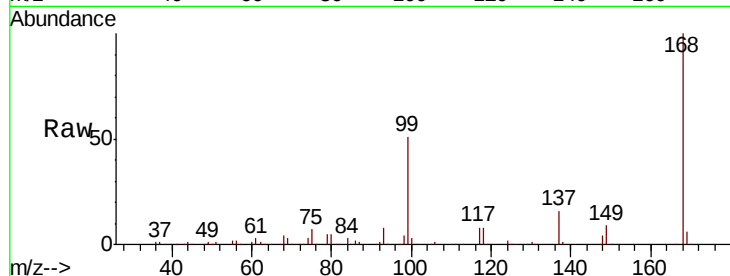
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 188674

Ion Ratio Lower Upper

168 100

99 51.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

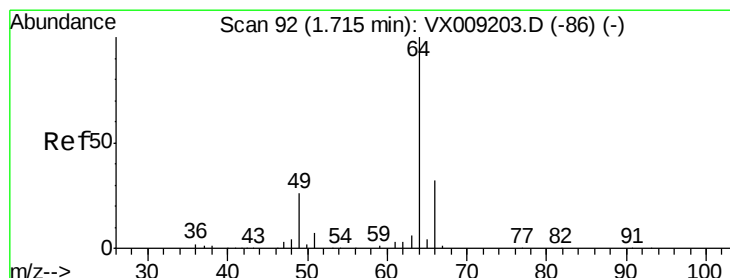
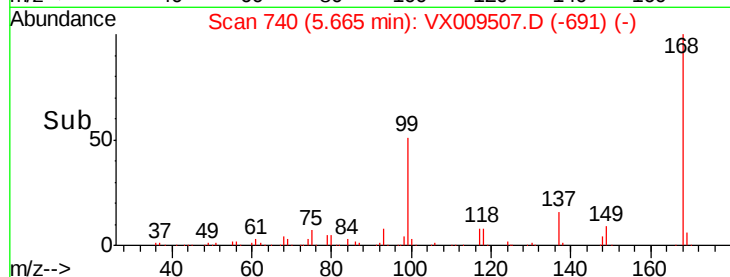
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.227 ug/l

RT: 1.75 min Scan# 97

Delta R.T. 0.03 min

Lab File: VX009507.D

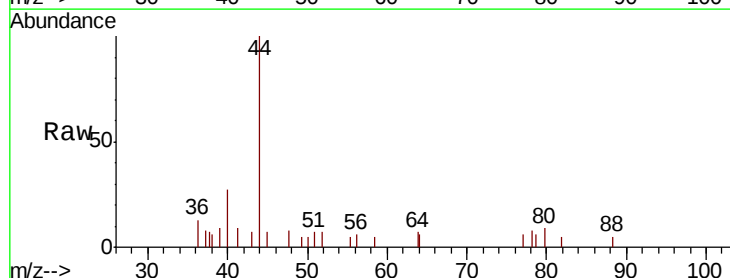
Acq: 11 May 2019 01:30

Tgt Ion: 64 Resp: 337

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

200

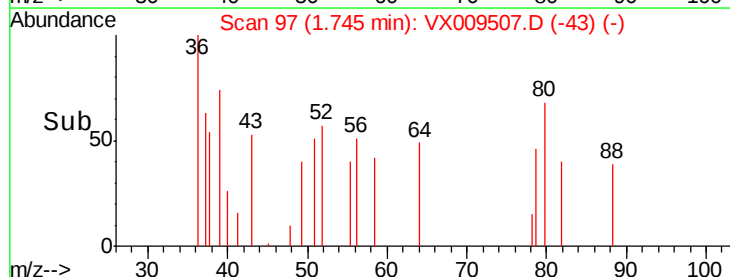
150

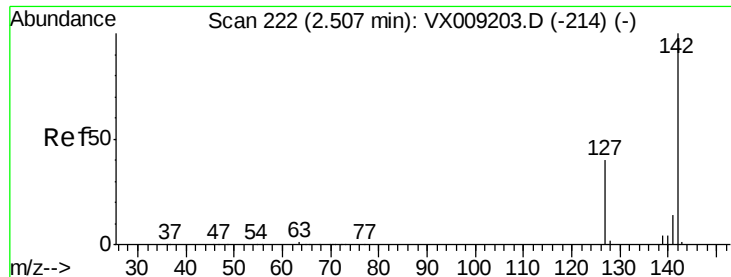
100

50

0

Time--> 1.70 1.75

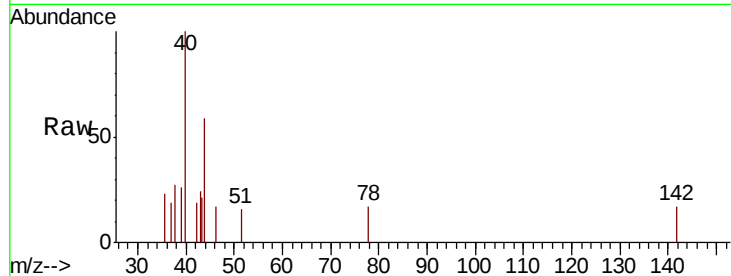




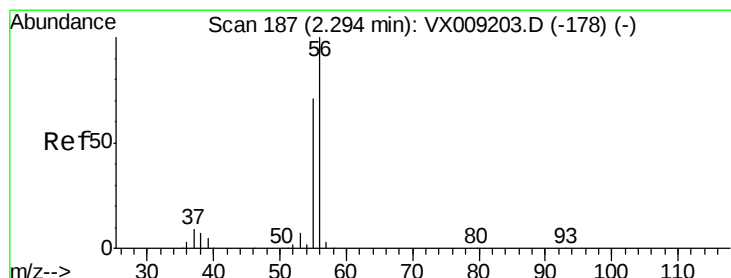
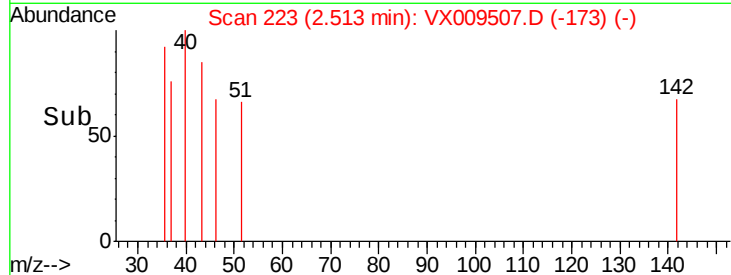
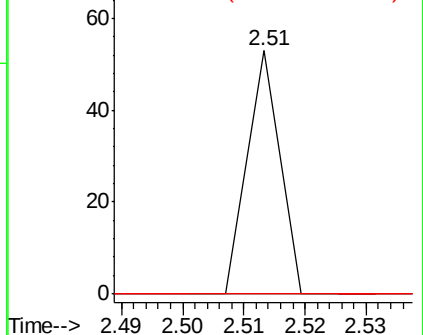
#10
Methyl Iodide
Concen: 4.602 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009507.D
Acq: 11 May 2019 01:30

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 32.7 49.1#
141 0.0 11.5 17.3#

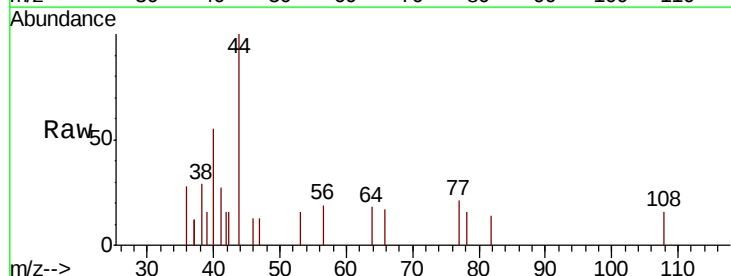


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

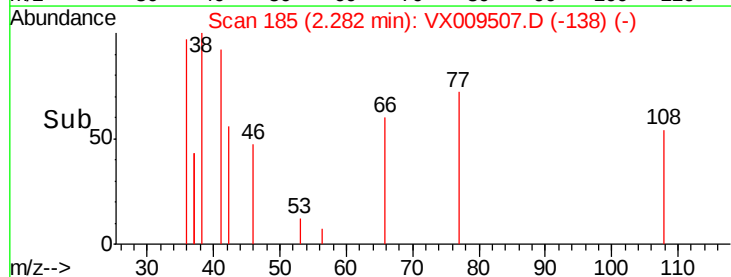
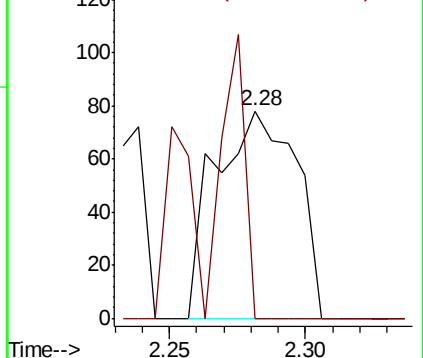


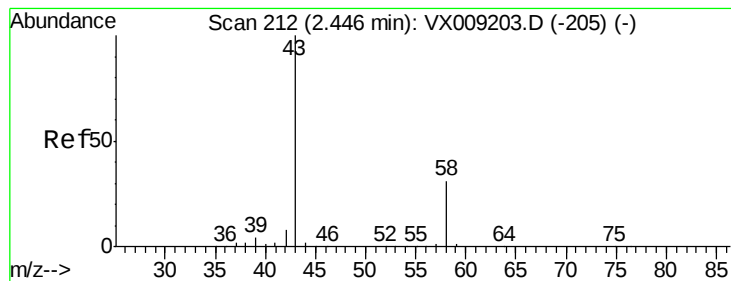
#13
Acrolein
Concen: 0.300 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX009507.D
Acq: 11 May 2019 01:30

Tgt Ion: 56 Resp: 162
Ion Ratio Lower Upper
56 100
55 39.5 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 3.122 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

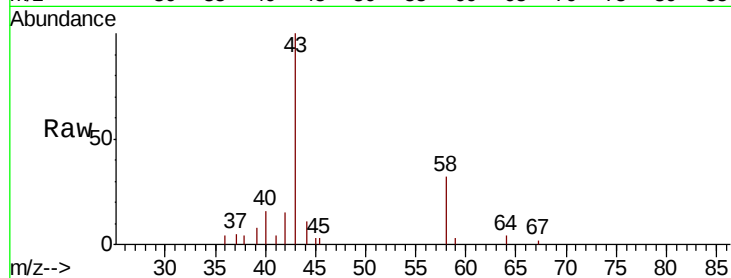
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 43 Resp: 4318

Ion Ratio Lower Upper

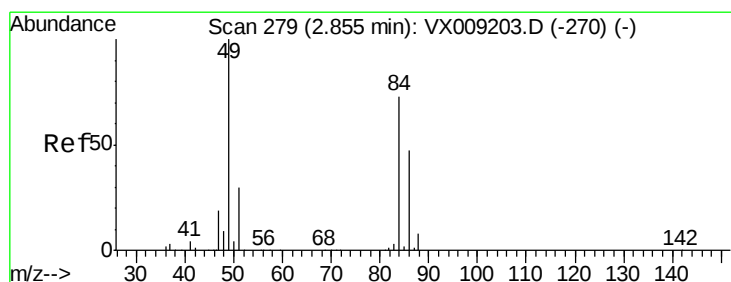
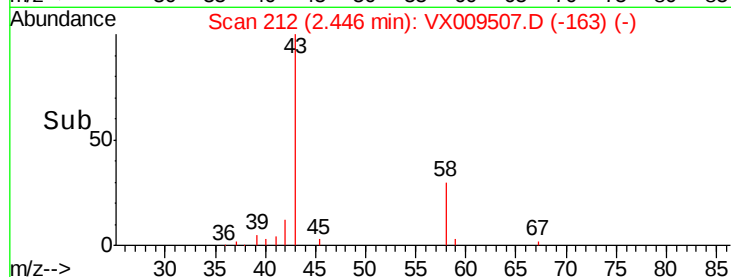
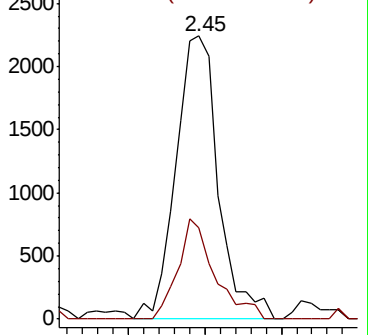
43 100

58 32.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.201 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Tgt Ion: 84 Resp: 451

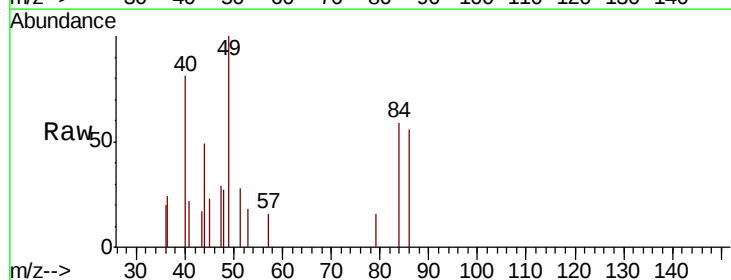
Ion Ratio Lower Upper

84 100

49 141.5 109.9 164.9

51 14.4 32.7 49.1#

86 93.8 52.0 78.0#

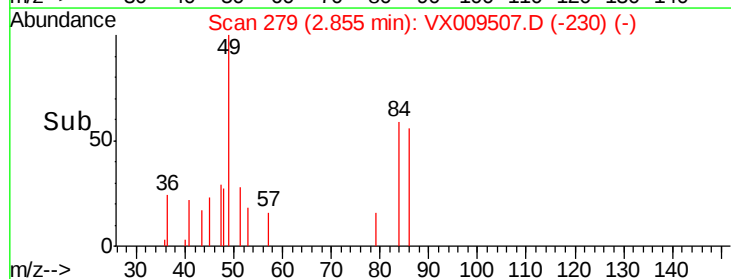
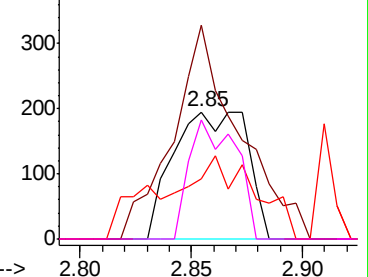


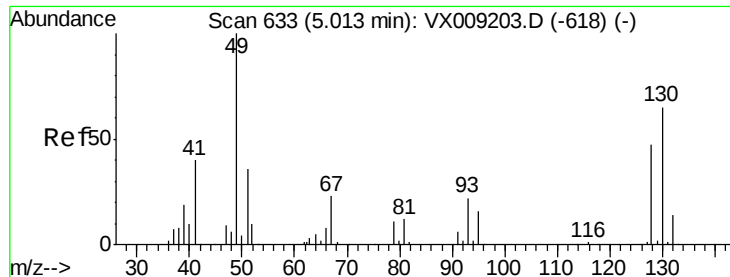
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#28

Bromochloromethane

Concen: Below Cal

RT: 5.00 min Scan# 631

Delta R.T. -0.01 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

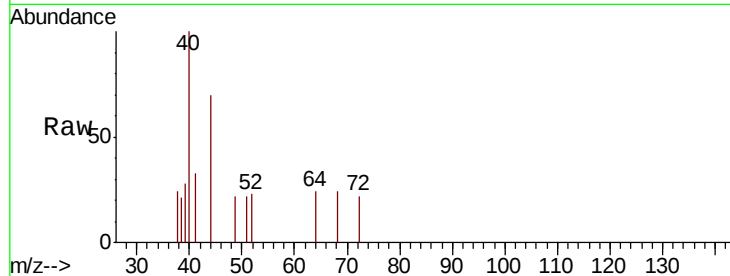
Tot Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

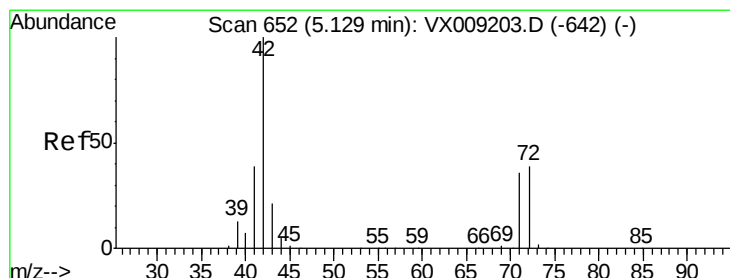
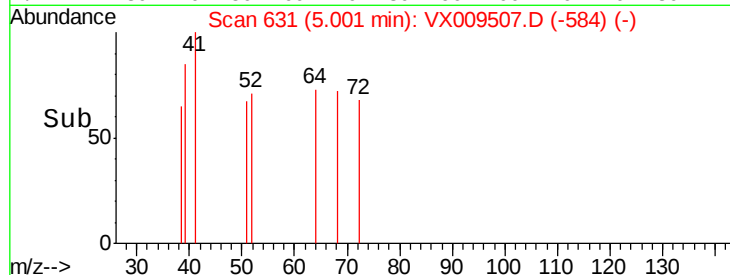
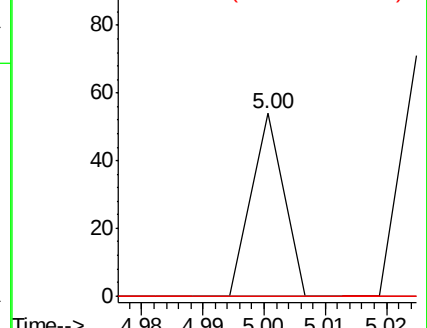
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.283 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

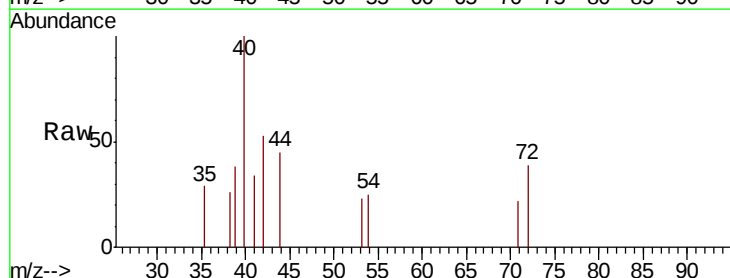
Tgt Ion: 42 Resp: 391

Ion Ratio Lower Upper

42 100

72 23.5 30.4 45.6#

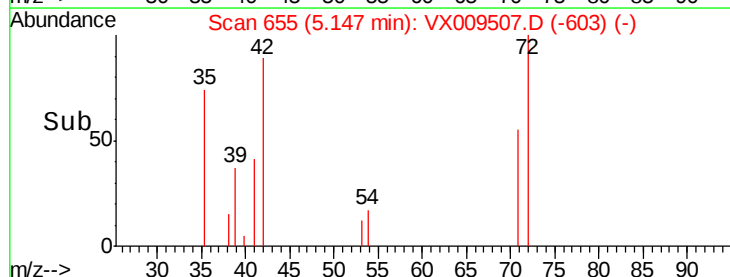
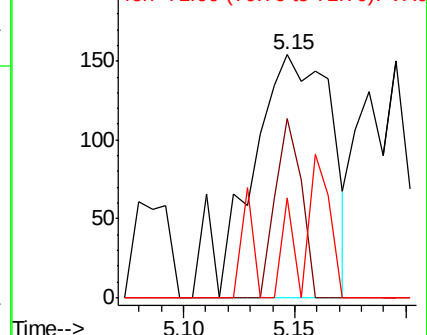
71 20.5 28.6 43.0#

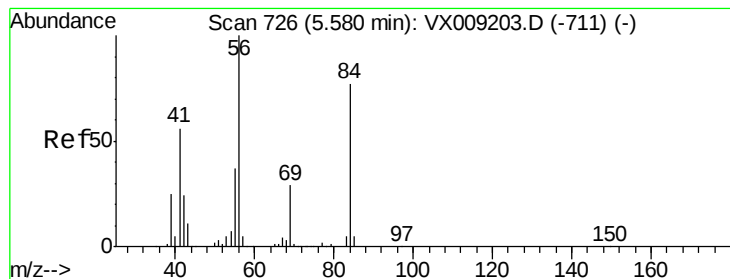


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 1.036 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

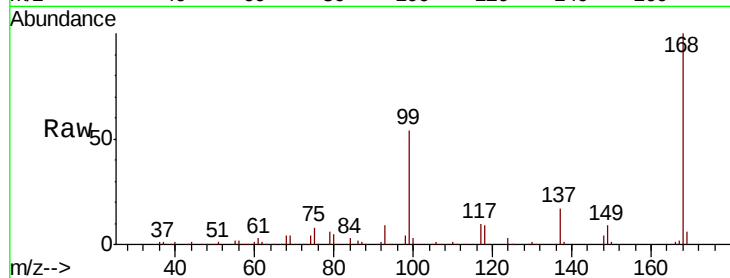
Tot Ion: 56 Resp: 3946

Ion Ratio Lower Upper

56 100

69 207.8 23.4 35.0#

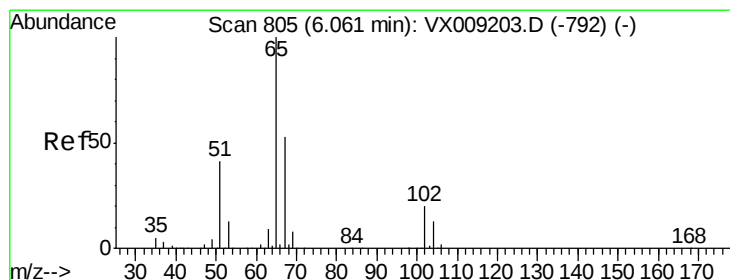
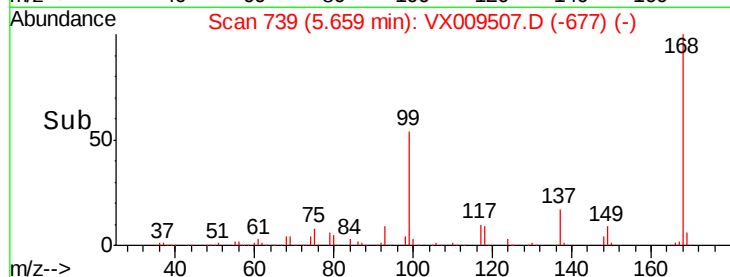
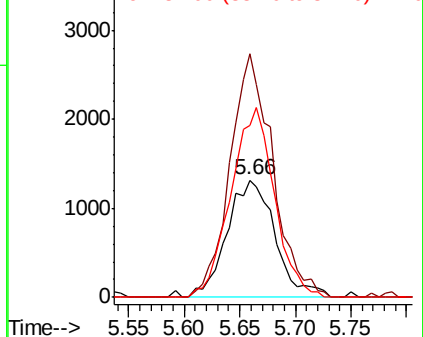
84 147.0 61.9 92.9#



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: 48.185 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009507.D

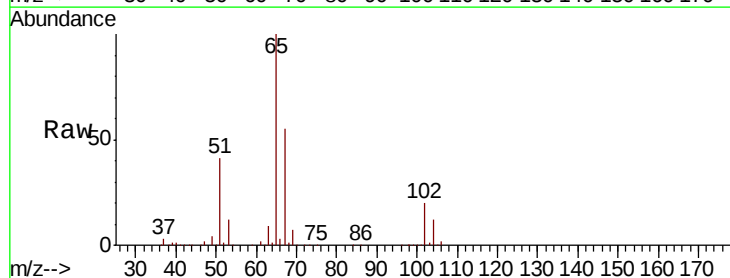
Acq: 11 May 2019 01:30

Tgt Ion: 65 Resp: 124106

Ion Ratio Lower Upper

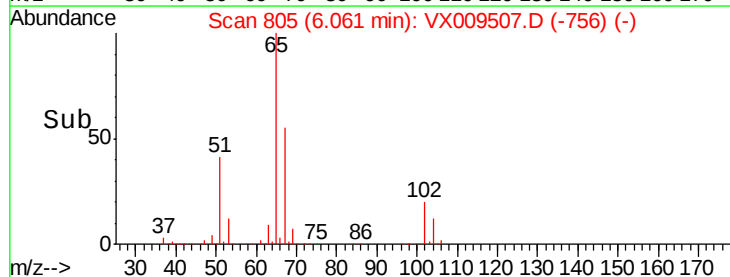
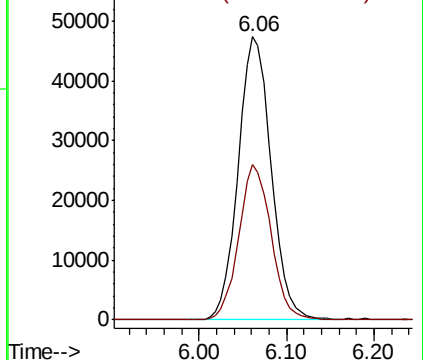
65 100

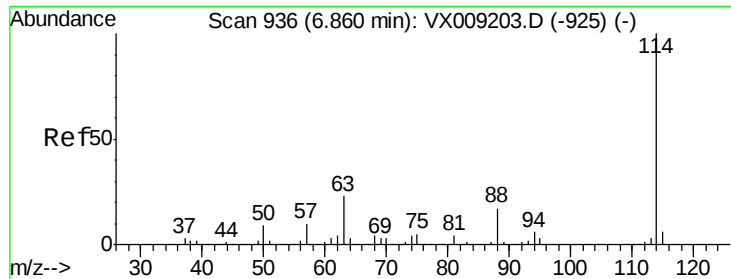
67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

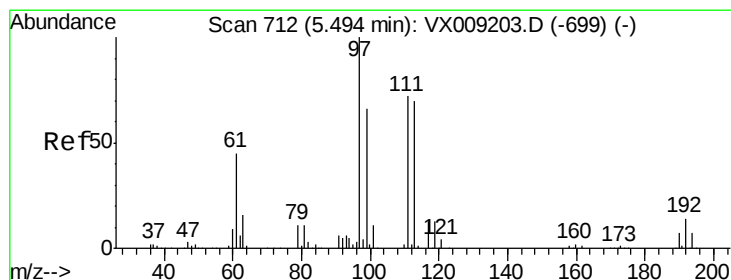
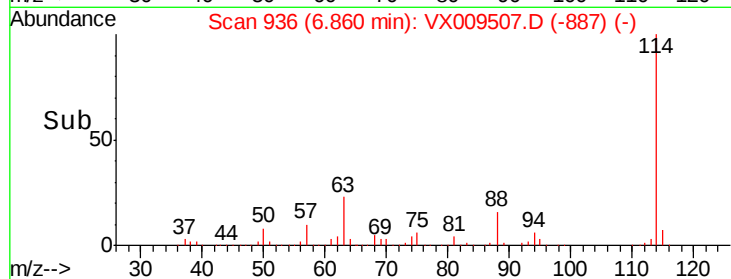
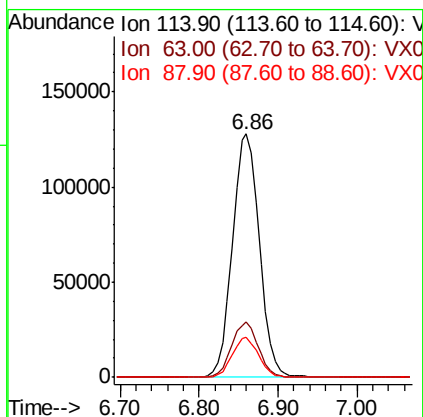
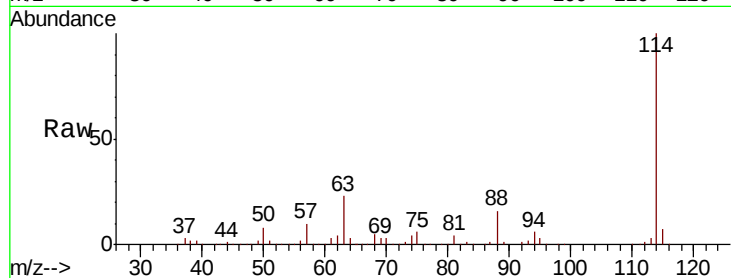




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009507.D
 Acq: 11 May 2019 01:30

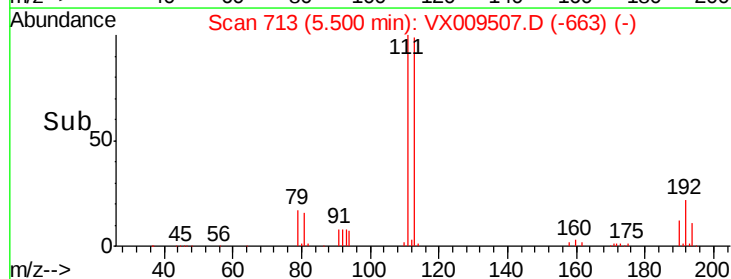
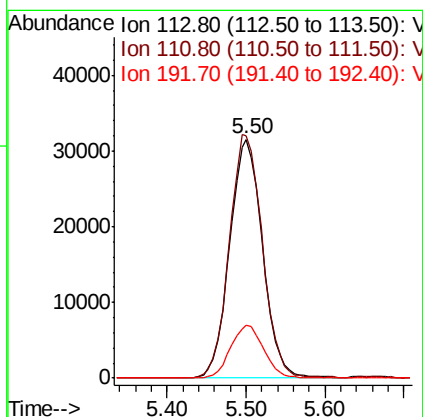
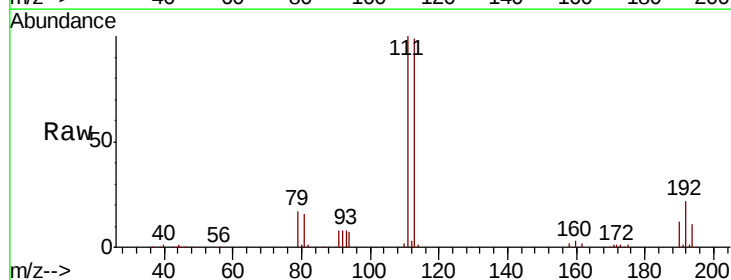
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

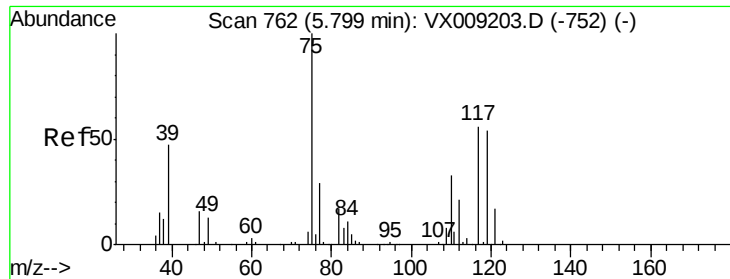
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.3	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 47.943 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009507.D
 Acq: 11 May 2019 01:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	22.3	17.0	25.6





#36

1,1-Dichloropropene

Concen: 5.043 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

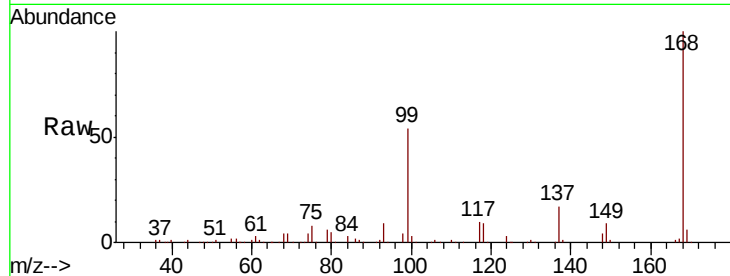
Tot Ion: 75 Resp: 14204

Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.6#

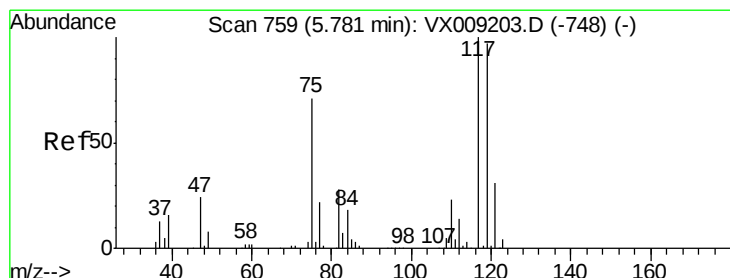
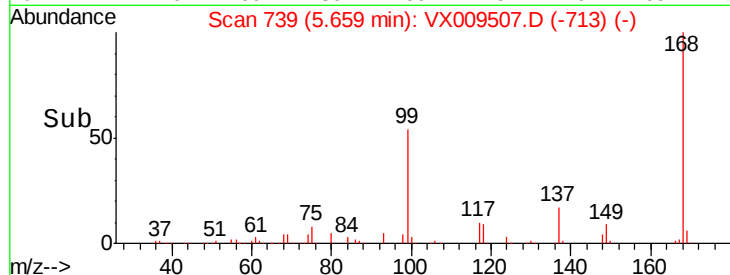
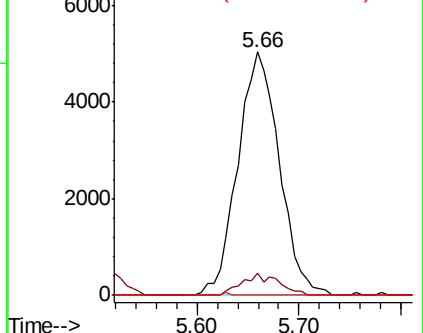
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX009507.D (-713) (-)

Ion 109.90 (109.60 to 110.60): VX009507.D (-713) (-)

Ion 76.90 (76.60 to 77.60): VX009507.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 6.891 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

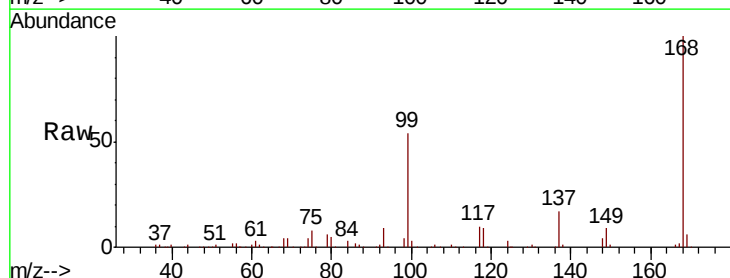
Tgt Ion: 117 Resp: 17637

Ion Ratio Lower Upper

117 100

119 4.1 77.5 116.3#

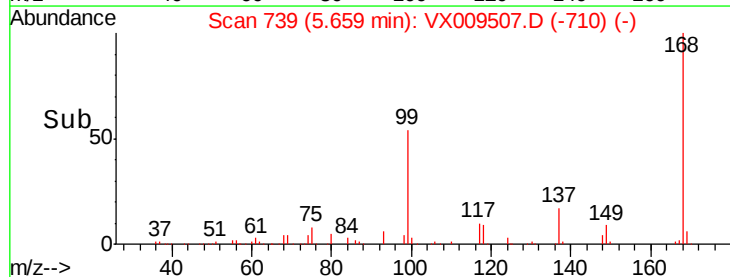
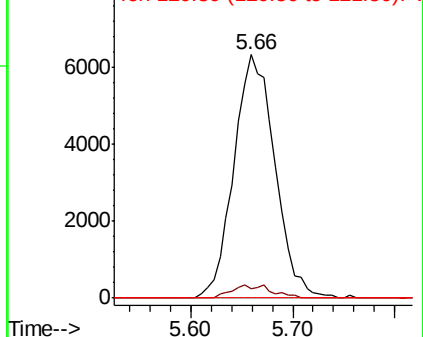
121 0.0 24.7 37.1#

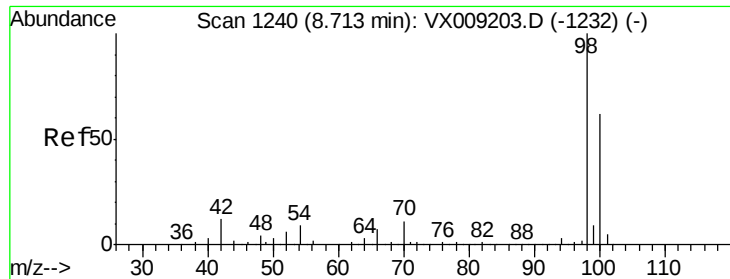


Abundance Ion 116.80 (116.50 to 117.50): VX009507.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009507.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009507.D (-710) (-)





#50

Toluene-d8

Concen: 49.013 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

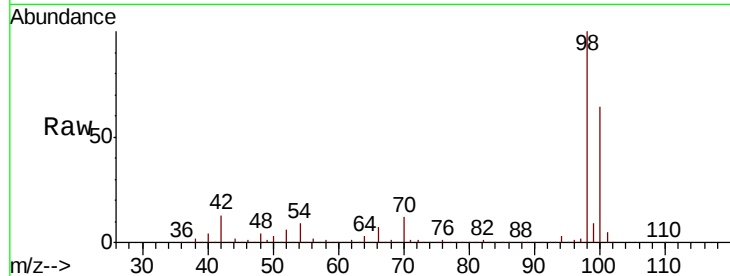
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 377052

Ion Ratio Lower Upper

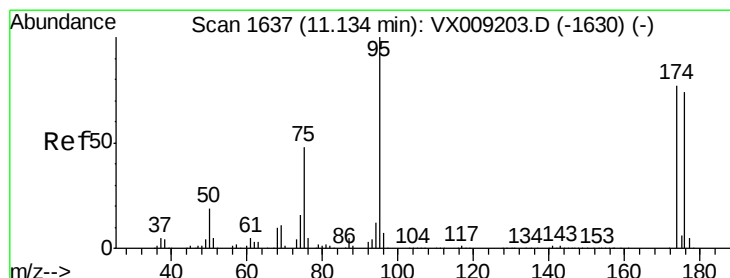
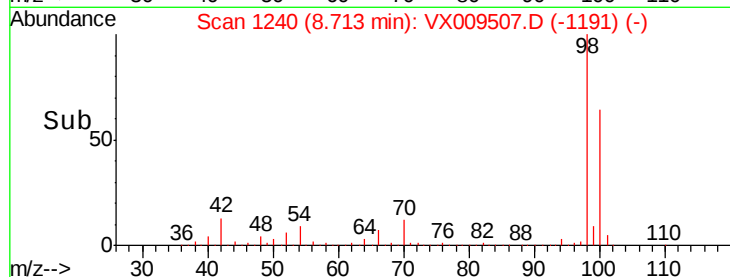
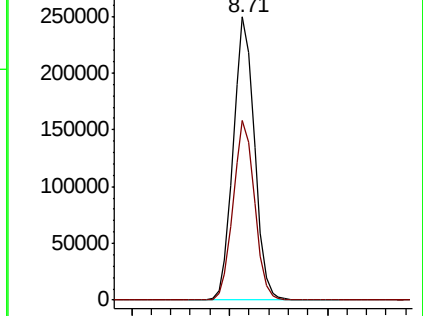
98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

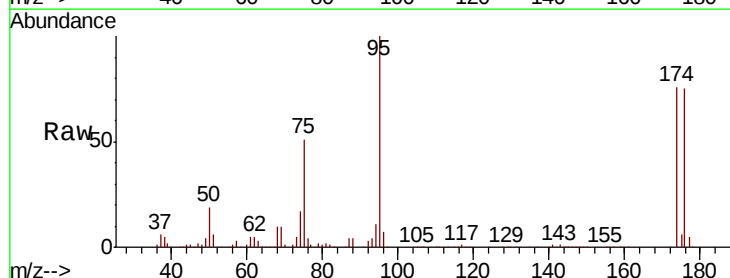
Tgt Ion: 95 Resp: 124503

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.6

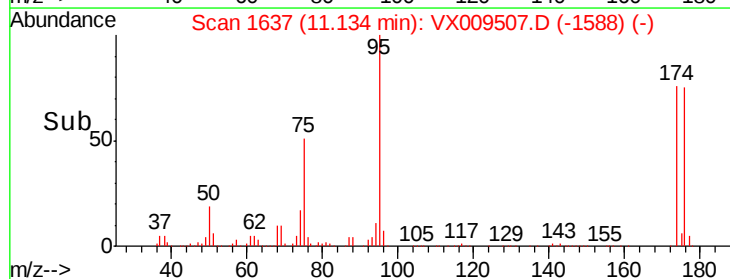
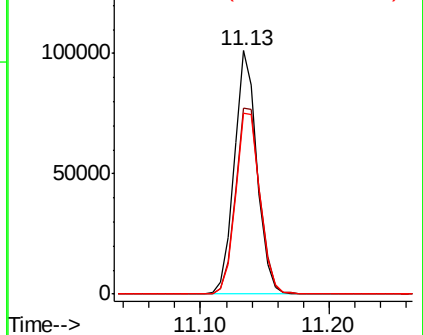
176 79.9 0.0 159.2

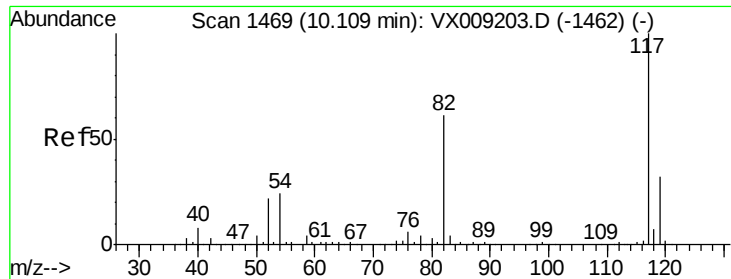


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

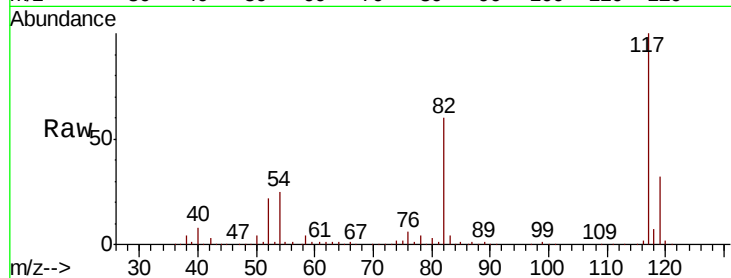




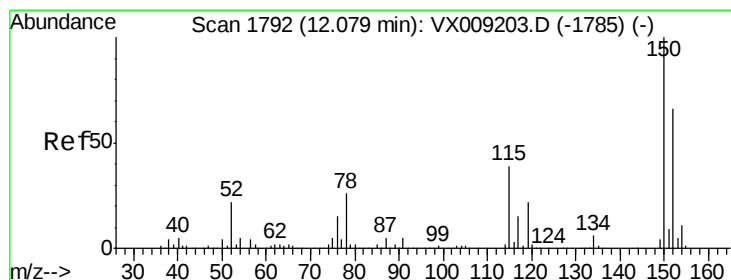
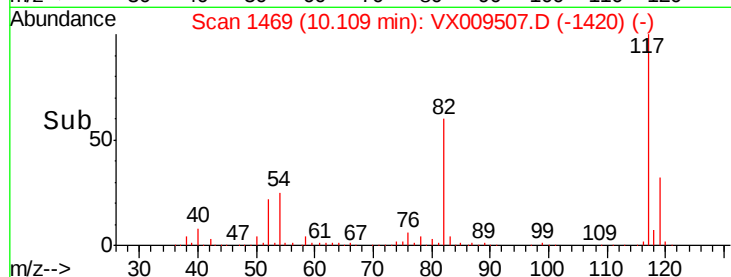
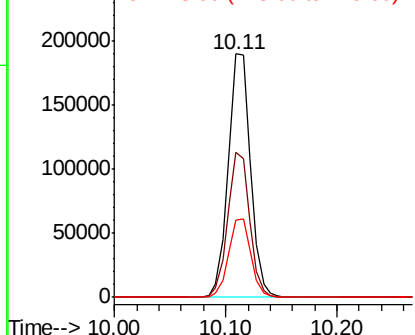
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009507.D
Acq: 11 May 2019 01:30

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 263835
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 31.9 25.8 38.6

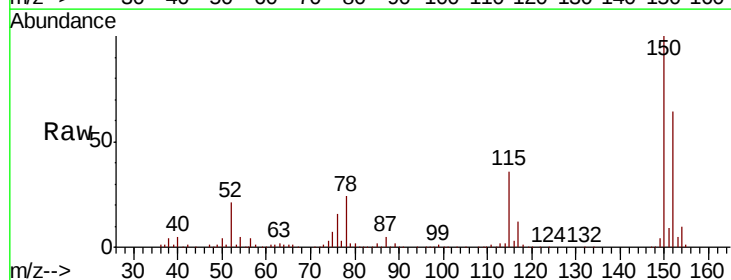


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

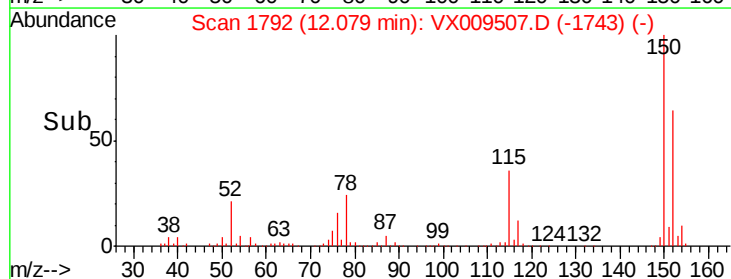
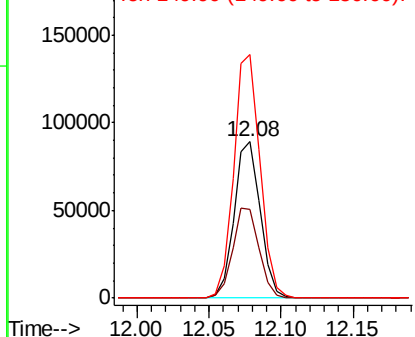


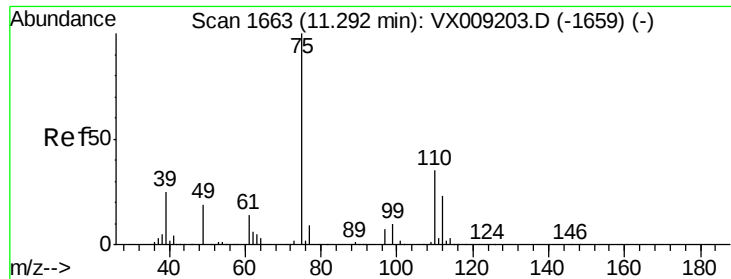
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009507.D
Acq: 11 May 2019 01:30

Tgt Ion:152 Resp: 113142
Ion Ratio Lower Upper
152 100
115 58.4 41.2 123.6
150 157.0 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.423 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

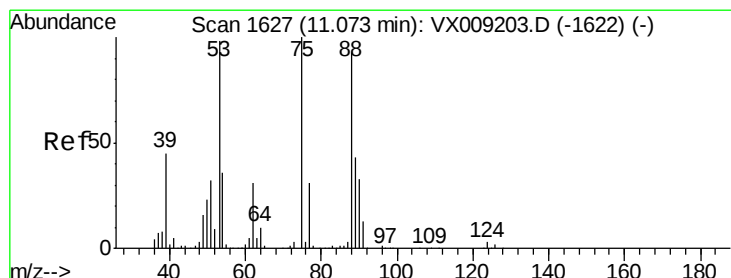
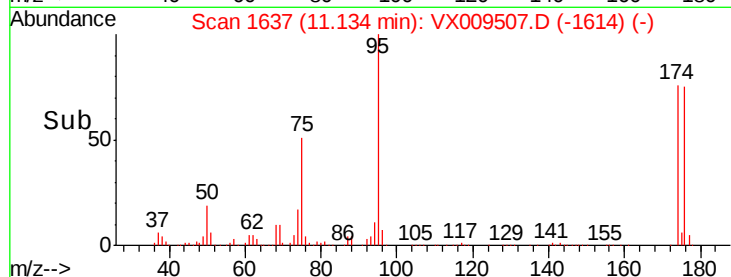
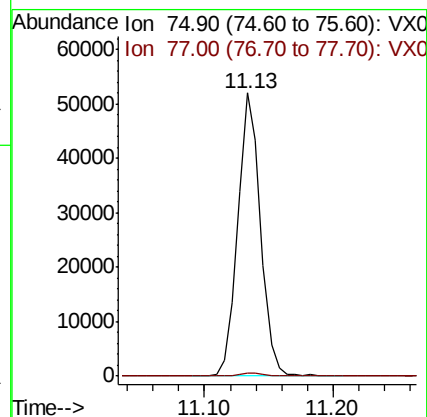
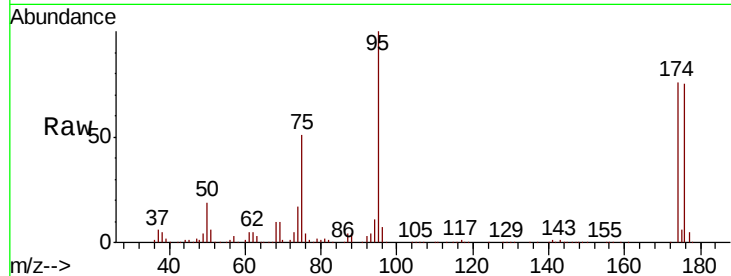
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 75 Resp: 64099

Ion Ratio Lower Upper

75 100

77 1.3 22.1 66.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.491 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Tgt Ion: 75 Resp: 64099

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

