

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016012.D
 Acq On : 01 May 2020 15:31
 Operator : JC/SP
 Sample : L2470-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

Quant Time: May 02 06:59:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	280719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	460672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226041	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	181078	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.47	113	135590	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
50) Toluene-d8	8.70	98	557550	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.12	95	222762	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	

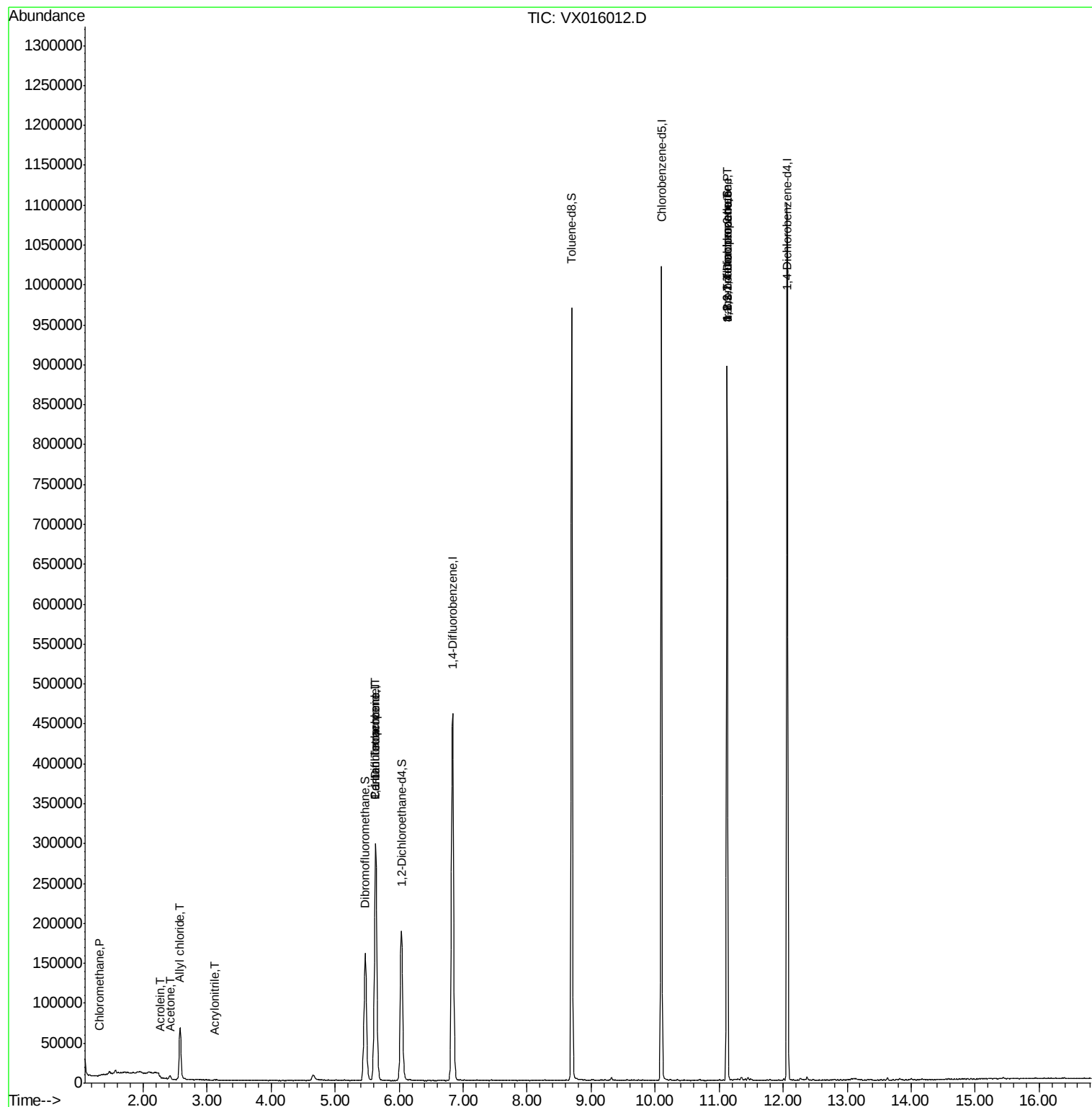
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	670	0.220	ug/l #	73
13) Acrolein	2.27	56	433	1.934	ug/l #	14
14) Allyl chloride	2.58	41	6819	1.408	ug/l #	67
15) Acrylonitrile	3.12	53	587	0.332	ug/l #	83
16) Acetone	2.42	43	4636	2.954	ug/l	99
36) 1,1-Dichloropropene	5.63	75	21568	4.916	ug/l #	50
38) Carbon Tetrachloride	5.63	117	28185	6.082	ug/l #	17
75) 1,1,2,2-Tetrachloroethane	11.12	83	168	3.744	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	116785	24.622	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	116785	58.186	ug/l #	10

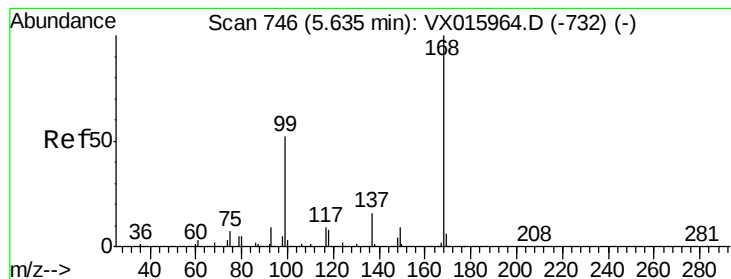
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX050120\
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Quant Time: May 02 06:59:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

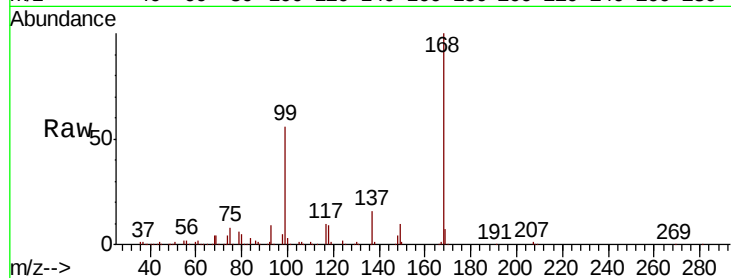
STORAGE-BLANK-SOIL-REF-4

Tot Ion:168 Resp: 280719

Ion Ratio Lower Upper

168 100

99 55.5 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

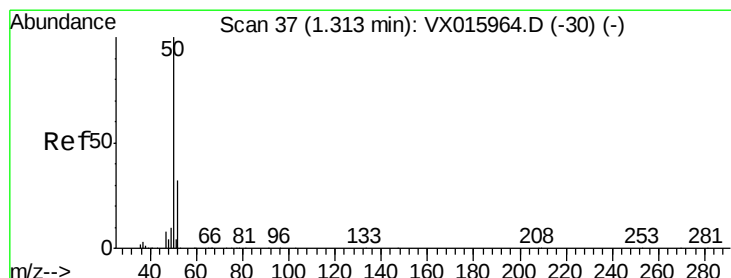
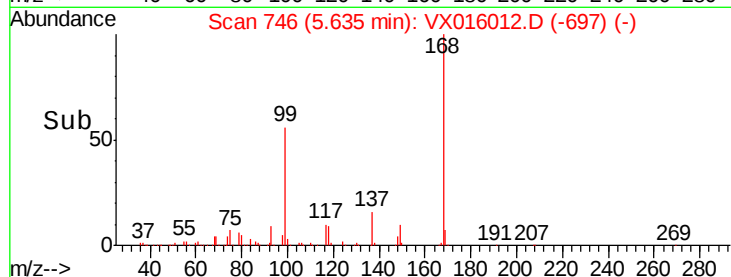
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.220 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016012.D

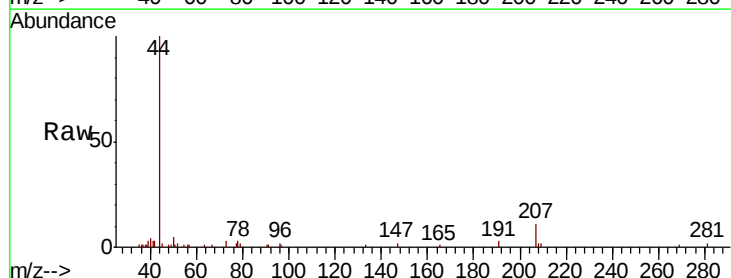
Acq: 01 May 2020 15:31

Tgt Ion: 50 Resp: 670

Ion Ratio Lower Upper

50 100

52 47.1 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

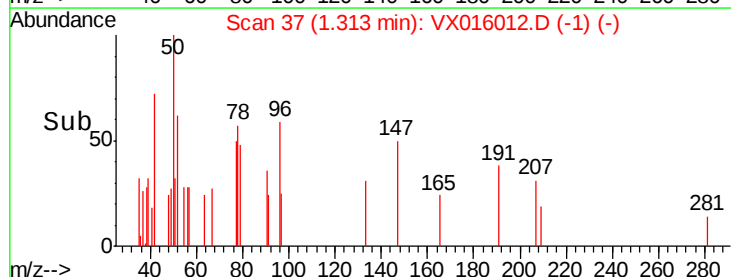
300

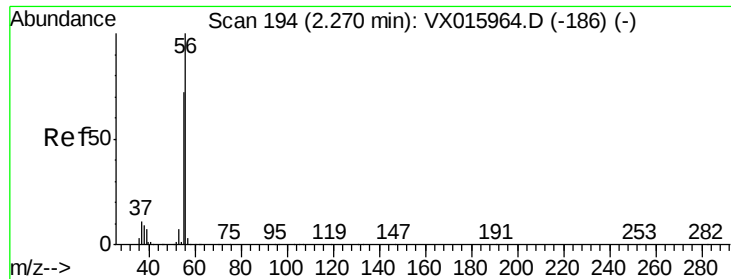
200

100

0

Time-->





#13

Acrolein

Concen: 1.934 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

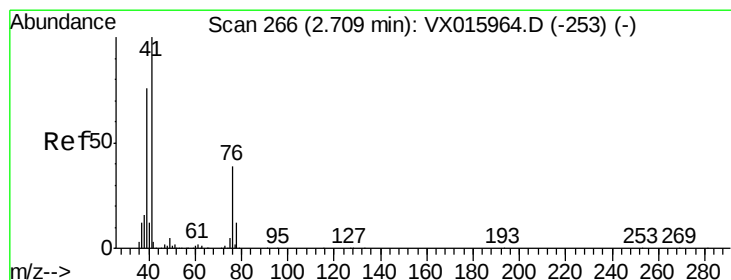
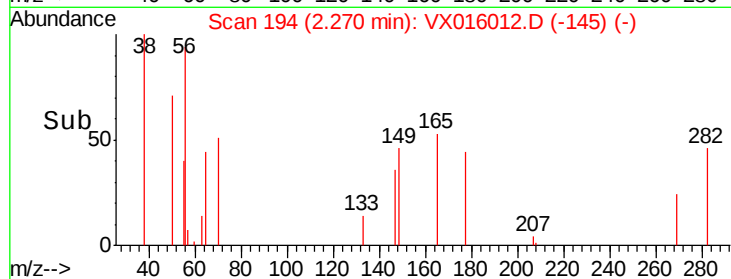
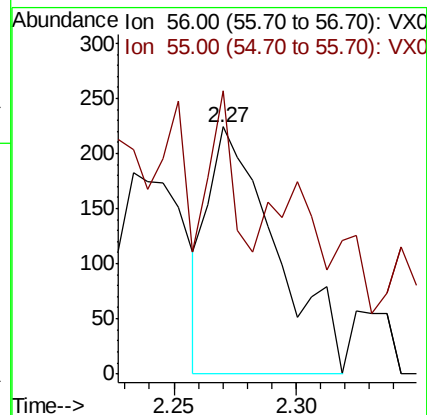
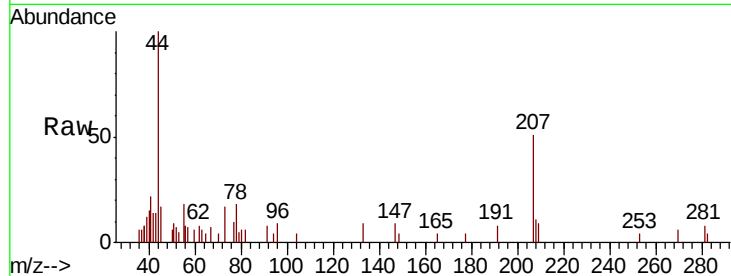
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 56 Resp: 433

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#14

Allyl chloride

Concen: 1.408 ug/l

RT: 2.58 min Scan# 245

Delta R.T. -0.13 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

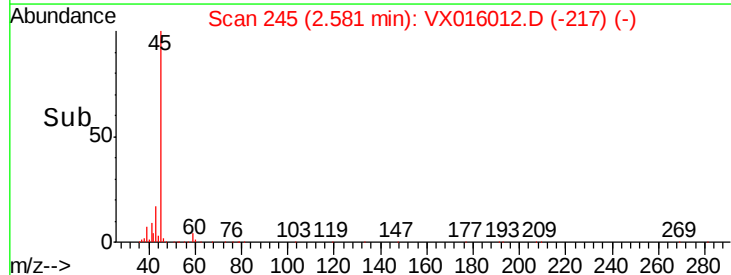
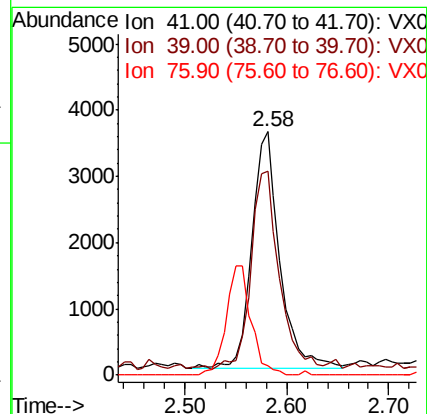
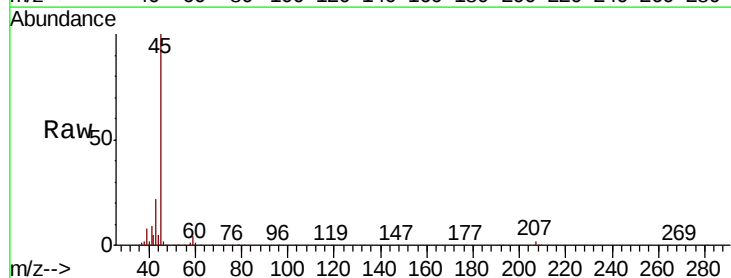
Tgt Ion: 41 Resp: 6819

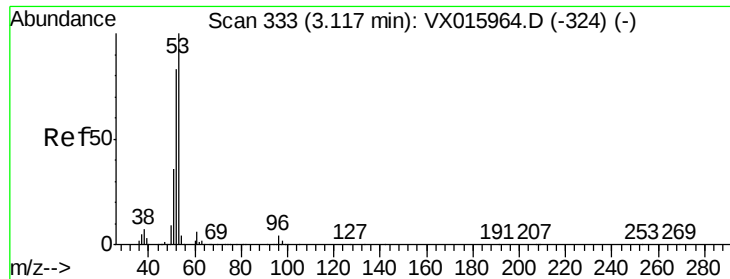
Ion Ratio Lower Upper

41 100

39 86.0 55.4 83.0#

76 0.0 27.1 40.7#





#15

Acrylonitrile

Concen: 0.332 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

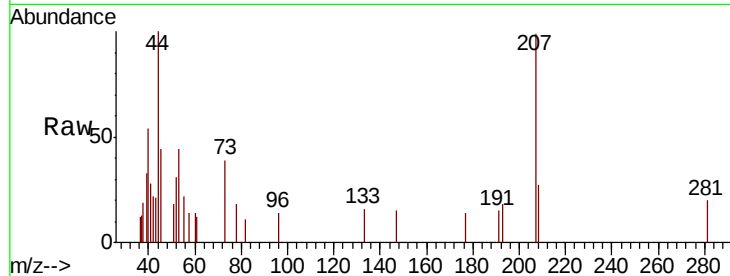
Tot Ion: 53 Resp: 587

Ion Ratio Lower Upper

53 100

52 66.4 65.5 98.3

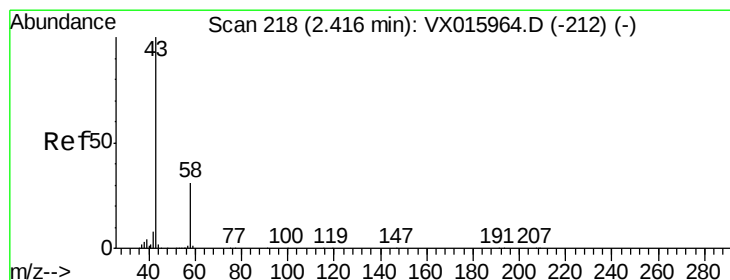
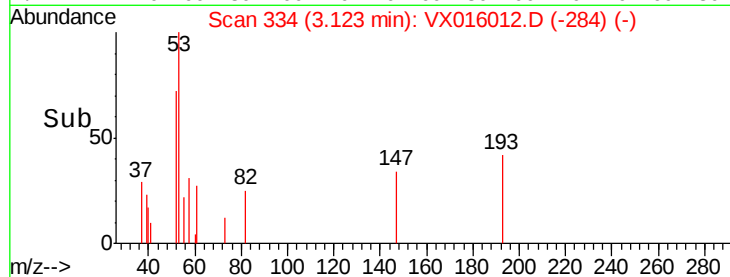
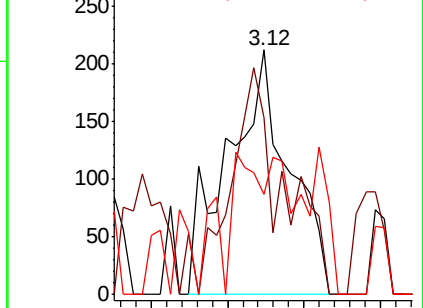
51 26.6 28.7 43.1#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 2.954 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016012.D

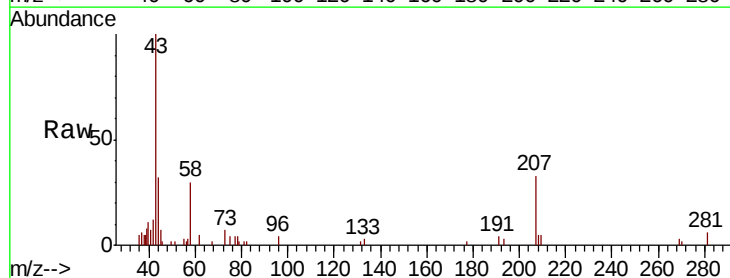
Acq: 01 May 2020 15:31

Tgt Ion: 43 Resp: 4636

Ion Ratio Lower Upper

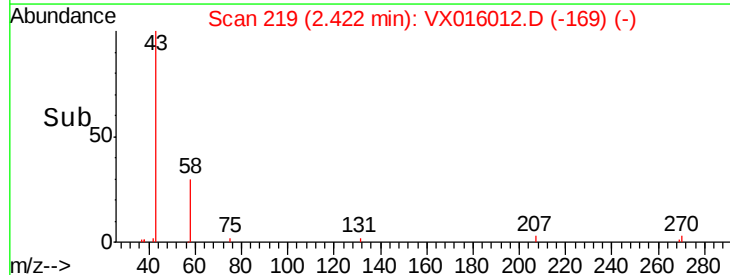
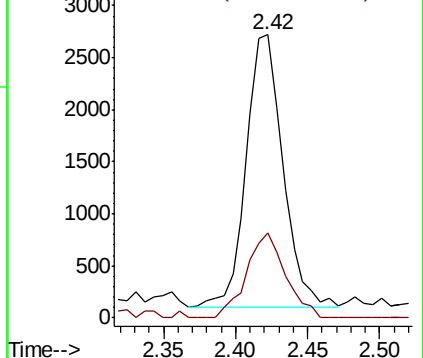
43 100

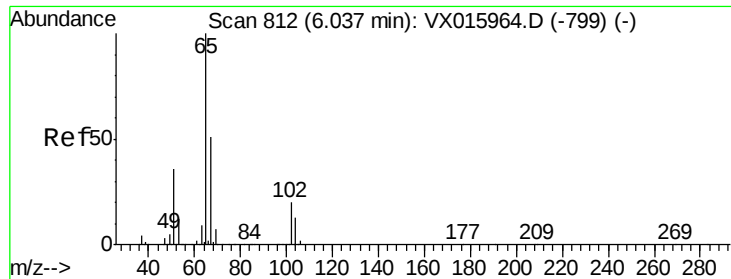
58 31.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

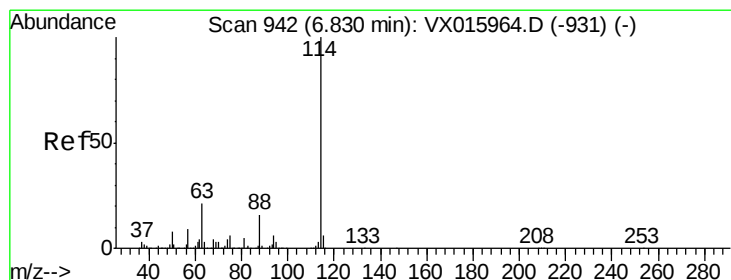
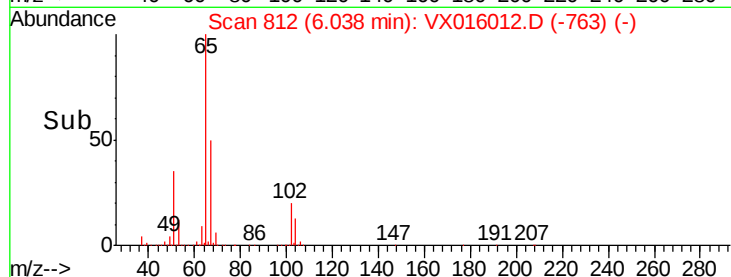
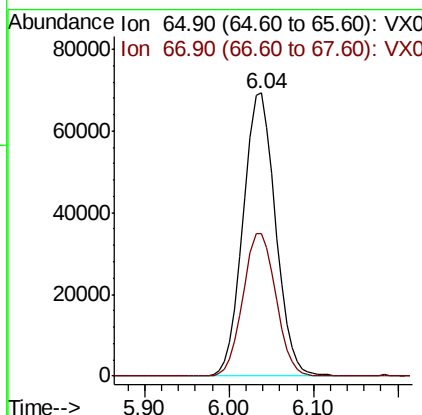
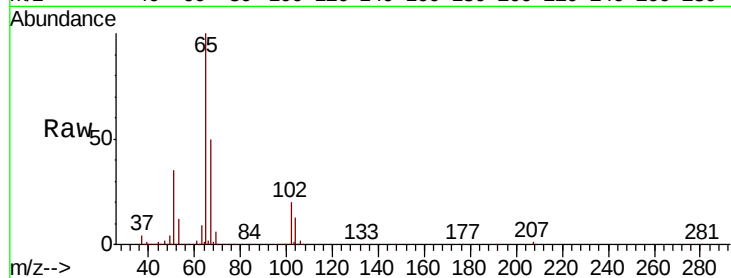




#33
 1,2-Dichloroethane-d4
 Concen: 49.336 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX016012.D
 Acq: 01 May 2020 15:31

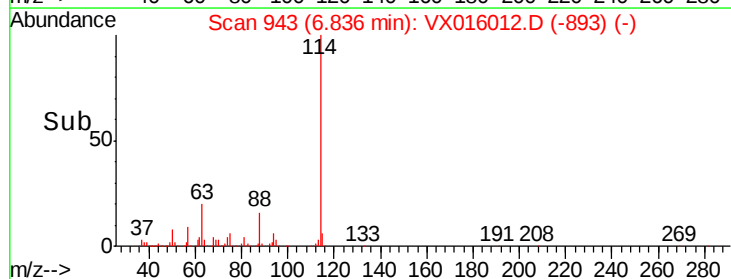
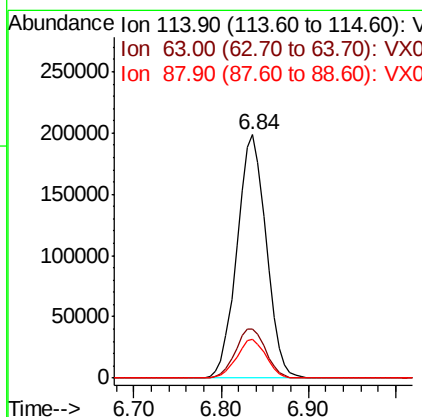
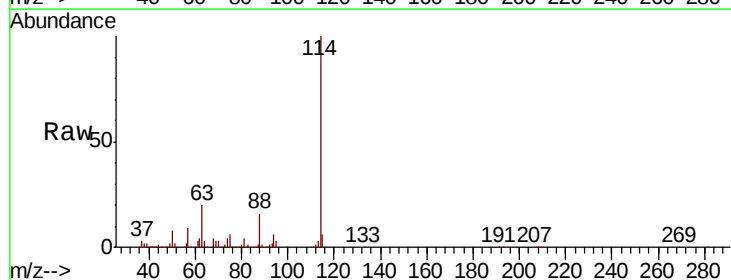
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

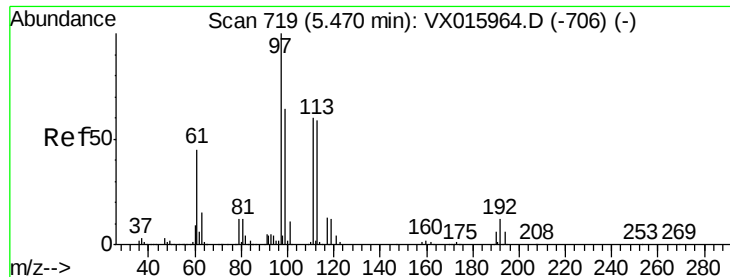
Tot Ion: 65 Resp: 181078
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016012.D
 Acq: 01 May 2020 15:31

Tgt Ion: 114 Resp: 460672
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 16.2 0.0 31.8

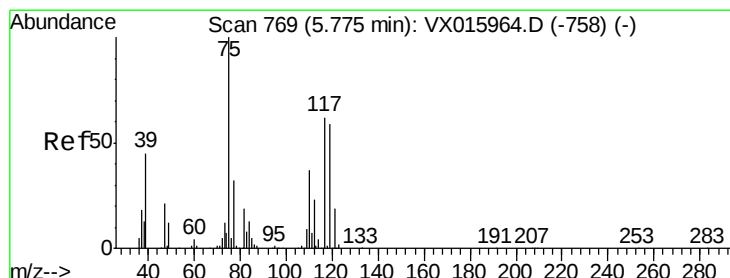
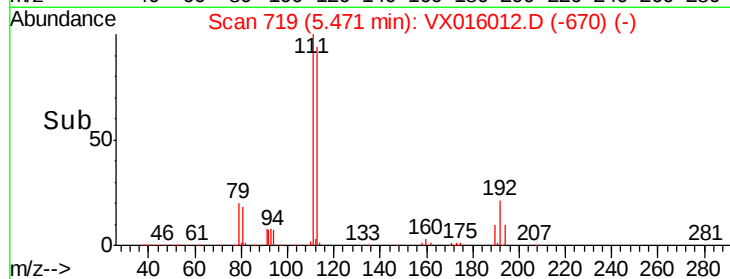
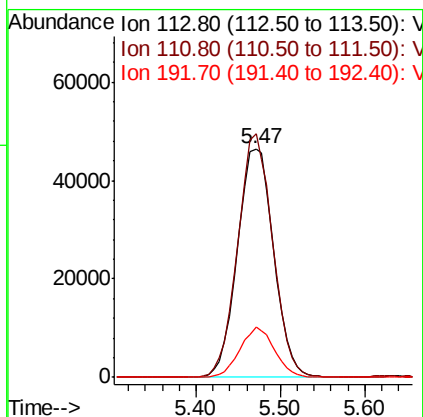
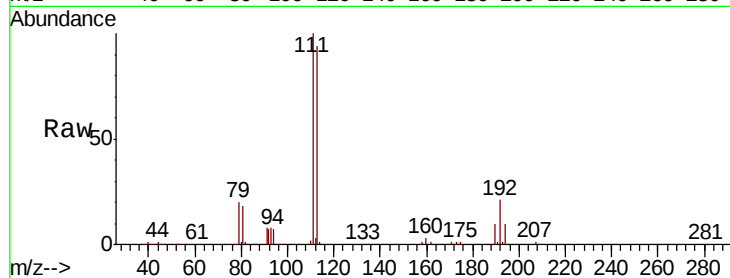




#35
 Dibromofluoromethane
 Concen: 47.183 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016012.D
 Acq: 01 May 2020 15:31

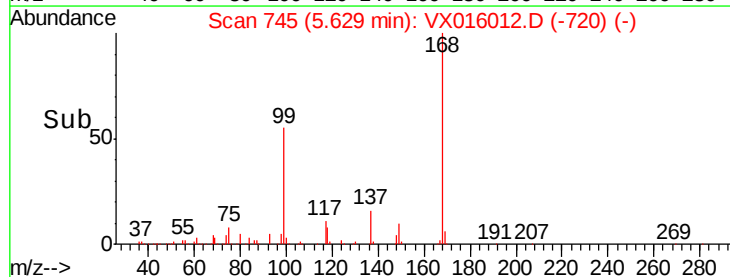
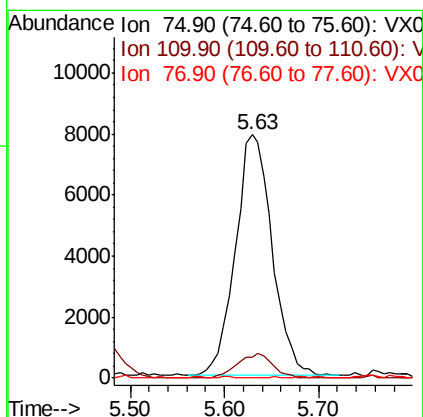
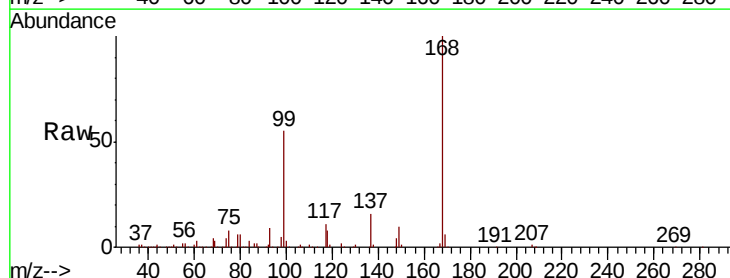
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

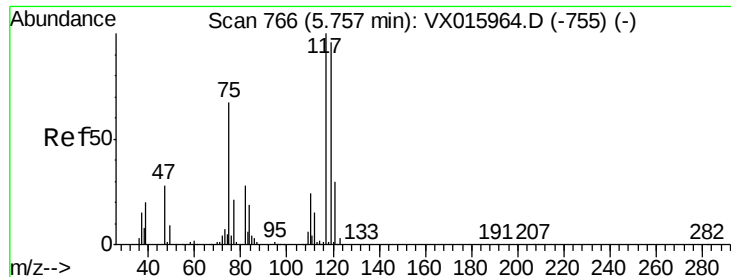
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	20.9	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.916 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.15 min
 Lab File: VX016012.D
 Acq: 01 May 2020 15:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.9	53.7#
77	0.0	25.2	37.8#

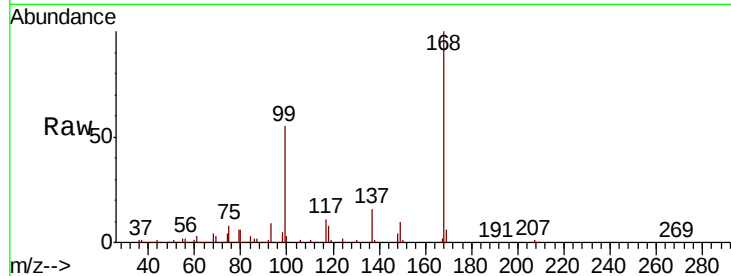




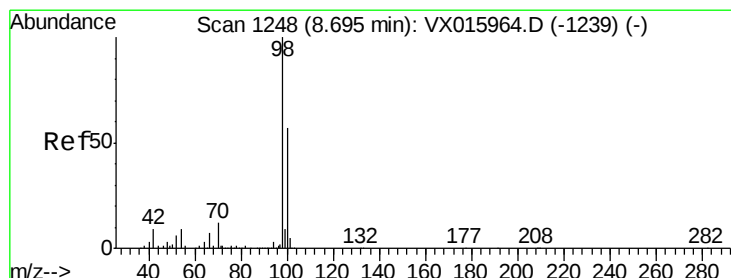
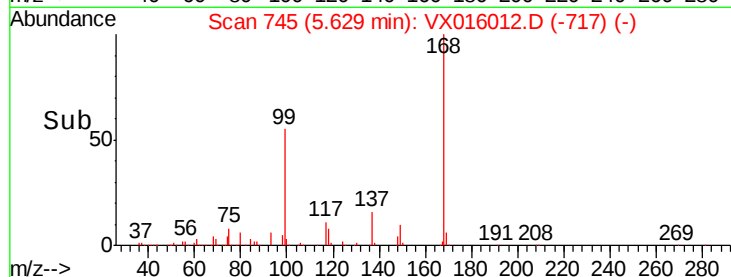
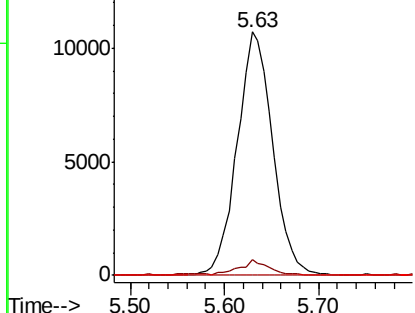
#38
Carbon Tetrachloride
Concen: 6.082 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016012.D
Acq: 01 May 2020 15:31

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

Tot Ion:117 Resp: 28185
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.4#
121 0.0 24.2 36.4#

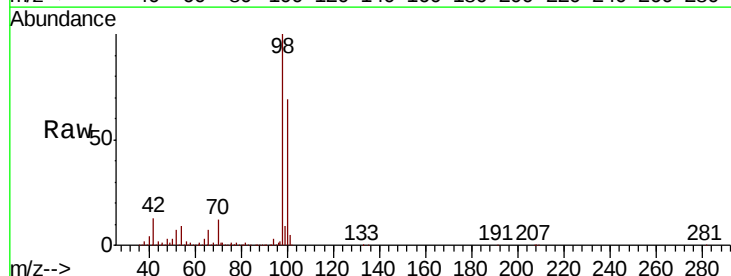


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

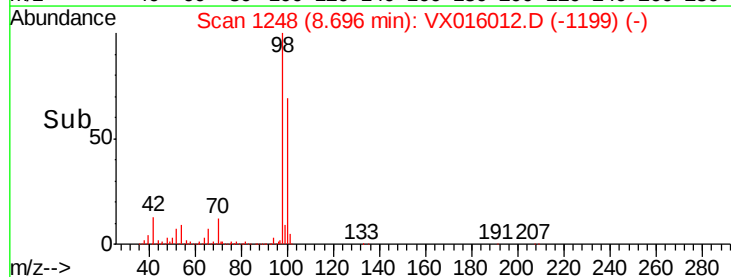
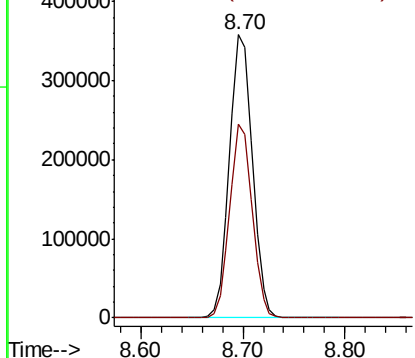


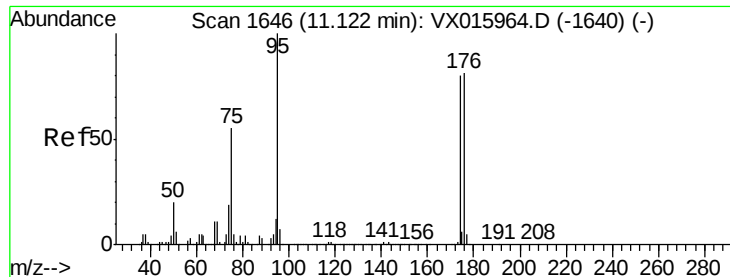
#50
Toluene-d8
Concen: 51.892 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016012.D
Acq: 01 May 2020 15:31

Tgt Ion: 98 Resp: 557550
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.861 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

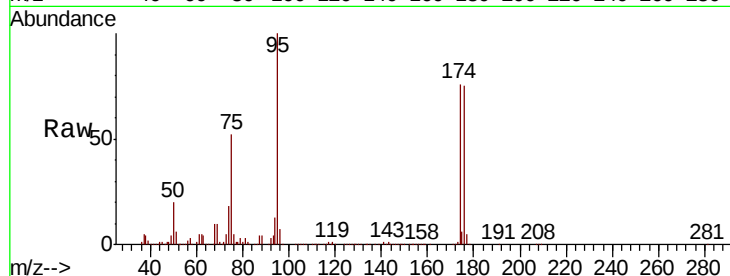
Tot Ion: 95 Resp: 222762

Ion Ratio Lower Upper

95 100

174 80.3 0.0 165.0

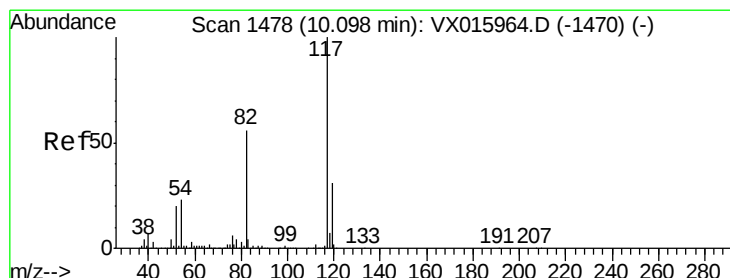
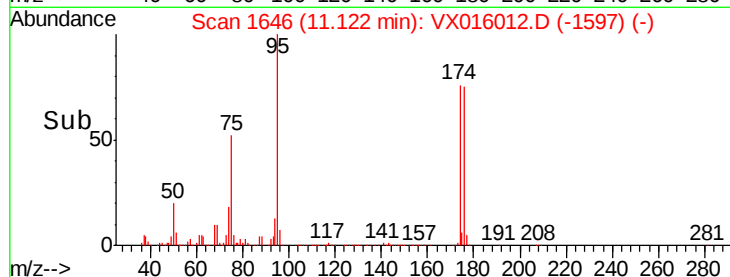
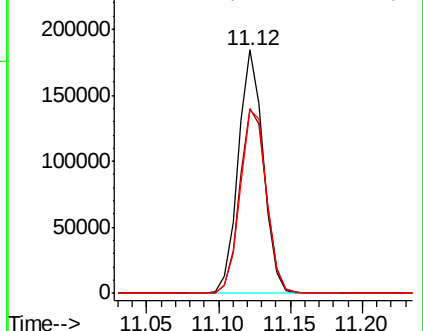
176 79.2 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX015964.D (-1640) (-)

Ion 173.80 (173.50 to 174.50): VX015964.D (-1640) (-)

Ion 175.80 (175.50 to 176.50): VX015964.D (-1640) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

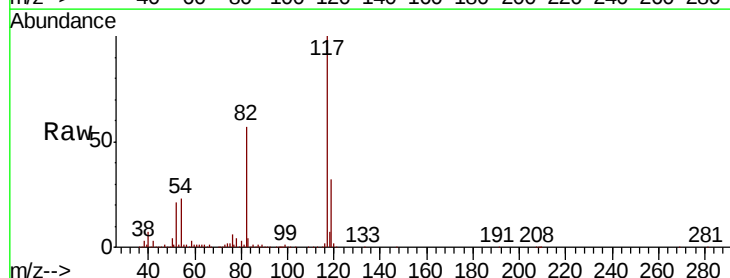
Tgt Ion: 117 Resp: 437182

Ion Ratio Lower Upper

117 100

82 56.8 44.5 66.7

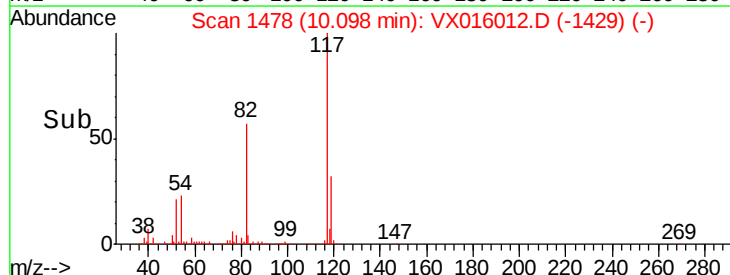
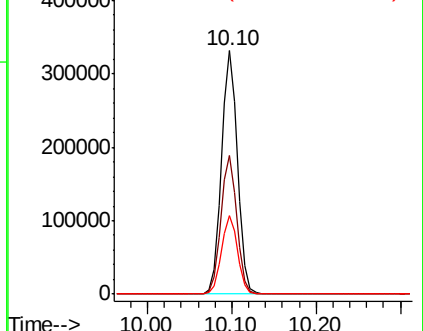
119 32.4 25.0 37.6

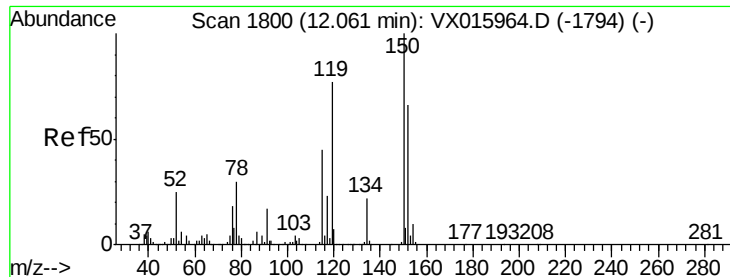


Abundance Ion 116.90 (116.60 to 117.60): VX015964.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX015964.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX015964.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4

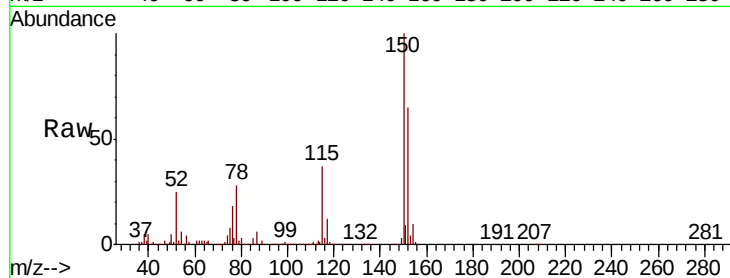
Tot Ion:152 Resp: 226041

Ion Ratio Lower Upper

152 100

115 58.5 40.9 122.7

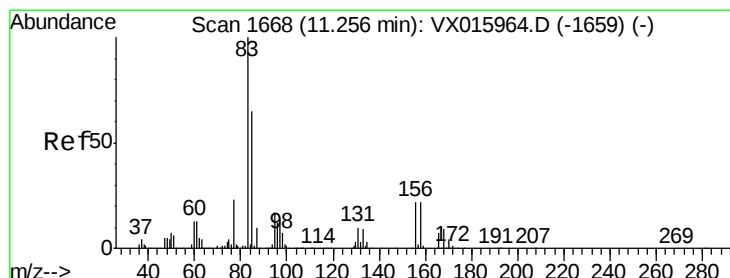
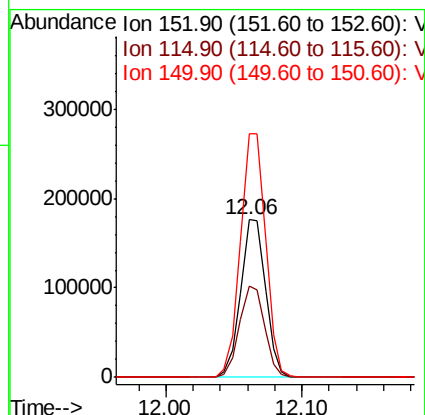
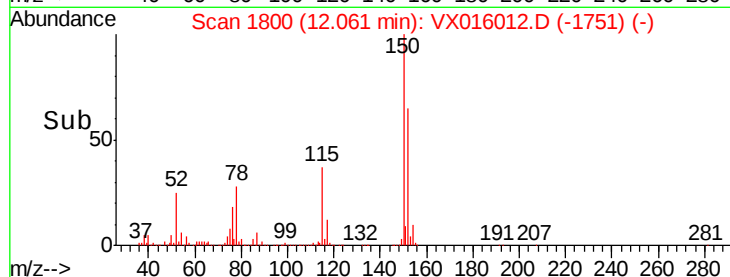
150 156.0 0.0 342.4



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



#75

1,1,2,2-Tetrachloroethane

Concen: 3.744 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.14 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

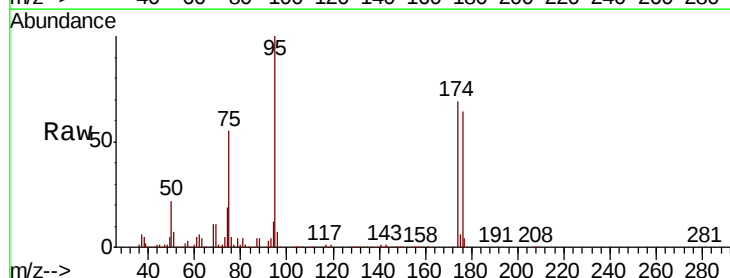
Tgt Ion: 83 Resp: 168

Ion Ratio Lower Upper

83 100

131 203.0 5.1 15.4#

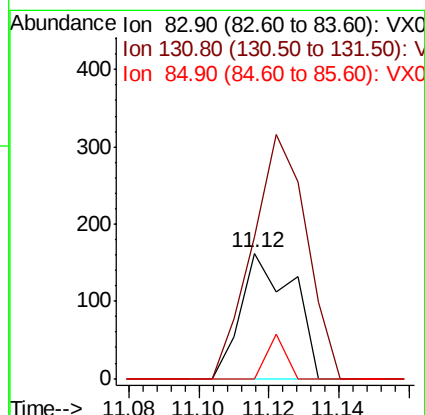
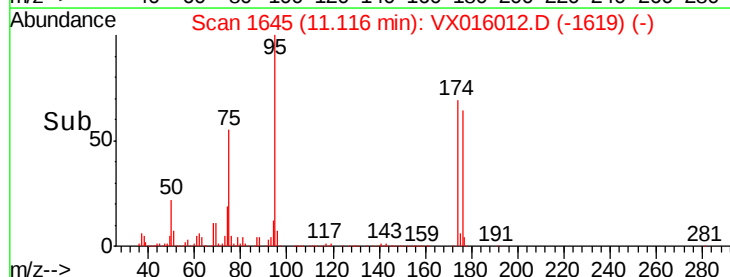
85 12.5 32.2 96.6#

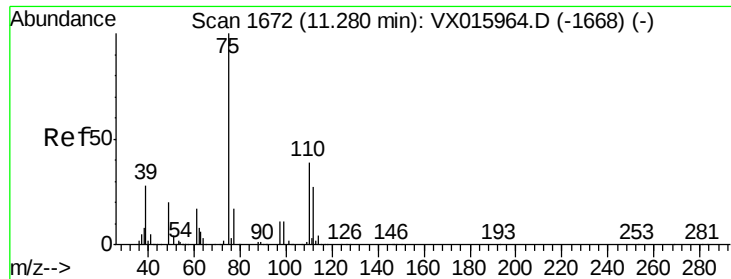


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 24.622 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Instrument :

MSVOA_X

ClientSampleId :

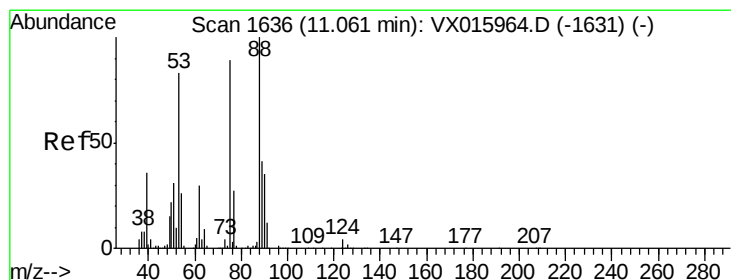
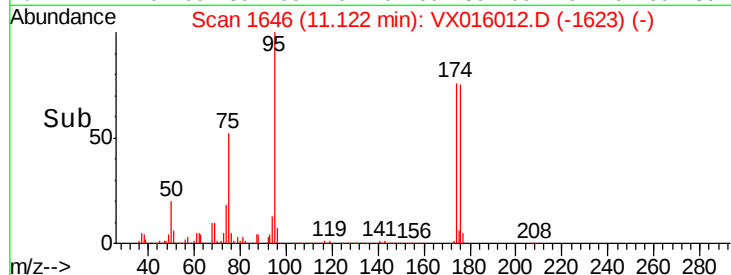
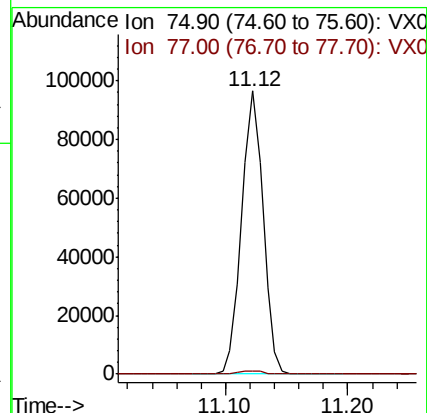
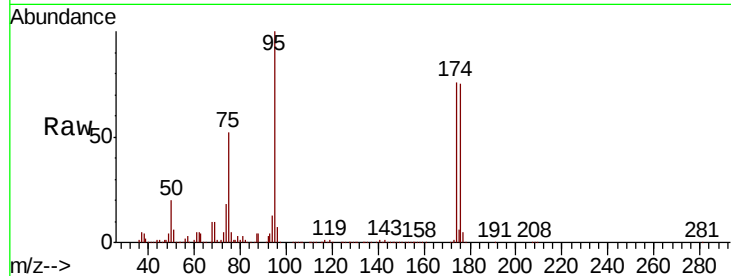
STORAGE-BLANK-SOIL-REF-4

Tot Ion: 75 Resp: 116785

Ion Ratio Lower Upper

75 100

77 1.4 21.6 65.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.186 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016012.D

Acq: 01 May 2020 15:31

Tgt Ion: 75 Resp: 116785

Ion Ratio Lower Upper

75 100

53 0.1 78.3 117.5#

89 0.0 37.2 55.8#

