

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060520\
 Data File : VX016605.D
 Acq On : 05 Jun 2020 12:53
 Operator : JC/SP
 Sample : L2922-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 06 05:59:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	230189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	368351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187261	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	137487	48.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	110208	48.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.18%	
50) Toluene-d8	8.70	98	457280	51.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.12	95	180630	52.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.90%	

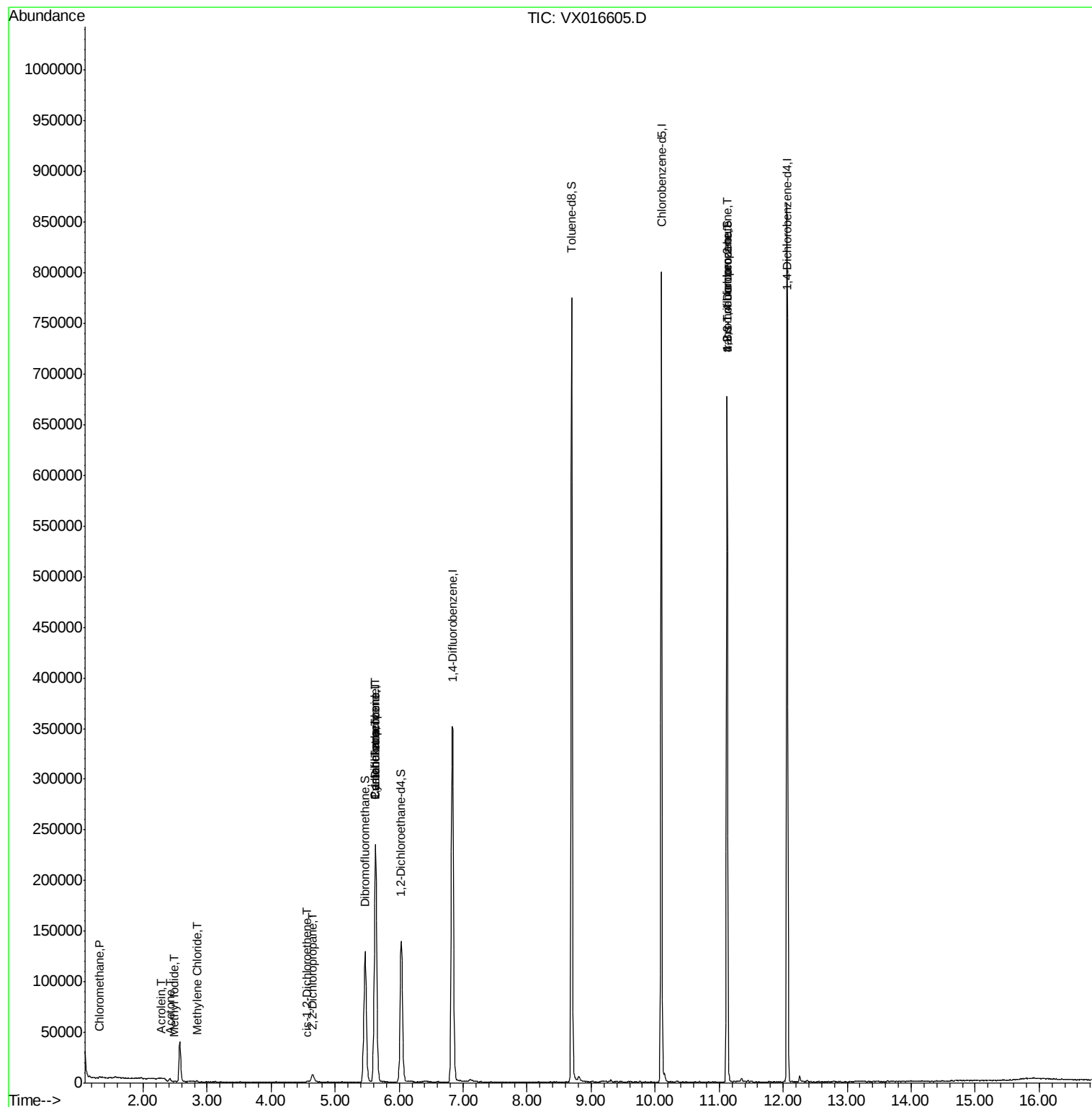
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	887	0.32	ug/l #	66
10) Methyl Iodide	2.50	142	83	3.09	ug/l #	40
13) Acrolein	2.27	56	246	0.79	ug/l	98
16) Acetone	2.42	43	2935	2.34	ug/l	94
20) Methylene Chloride	2.84	84	669	0.26	ug/l	89
26) 2,2-Dichloropropane	4.65	77	793	0.22	ug/l #	53
27) cis-1,2-Dichloroethene	4.56	96	690	0.24	ug/l	41
31) Cyclohexane	5.63	56	3995	1.01	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	15901	4.56	ug/l #	50
38) Carbon Tetrachloride	5.63	117	22009	6.01	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	88324	21.46	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	88324	52.78	ug/l #	14

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

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Quant Time: Jun 06 05:59:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

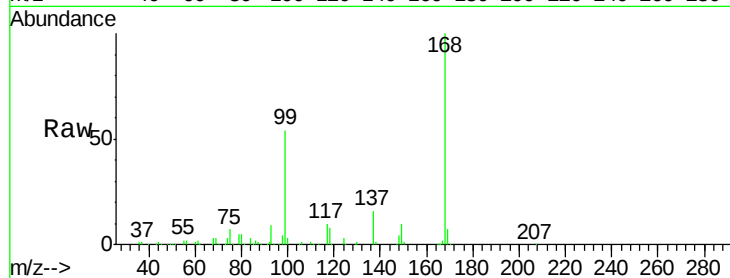
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 230189

Ion Ratio Lower Upper

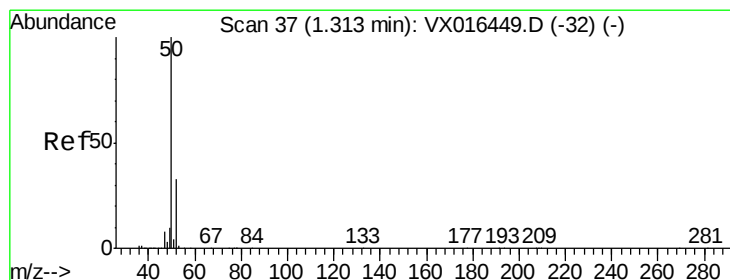
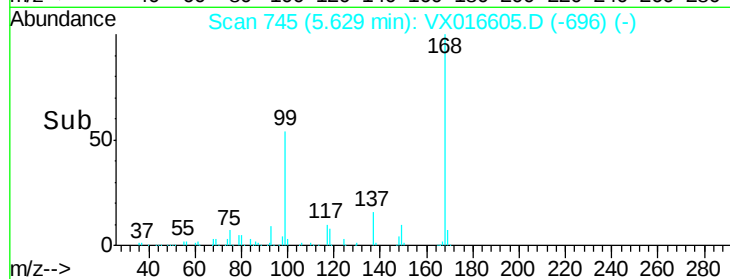
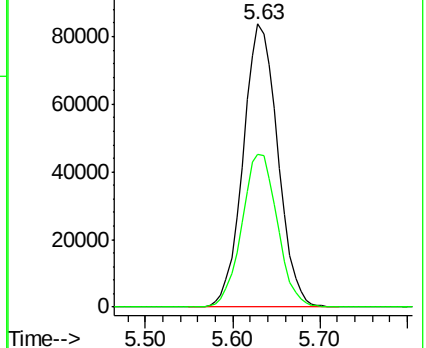
168 100

99 53.9 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.32 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016605.D

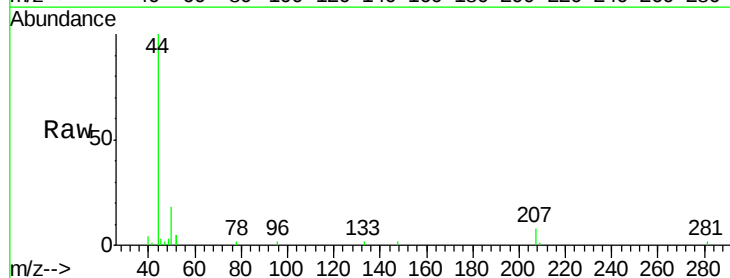
Acq: 05 Jun 2020 12:53

Tgt Ion: 50 Resp: 887

Ion Ratio Lower Upper

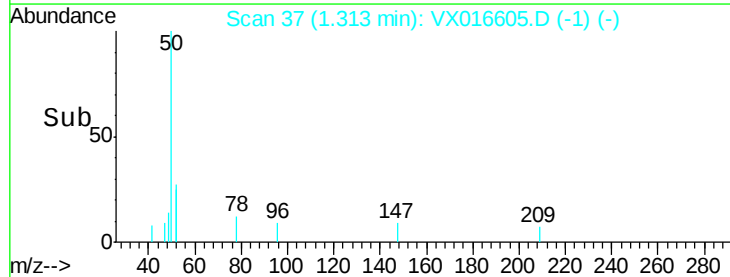
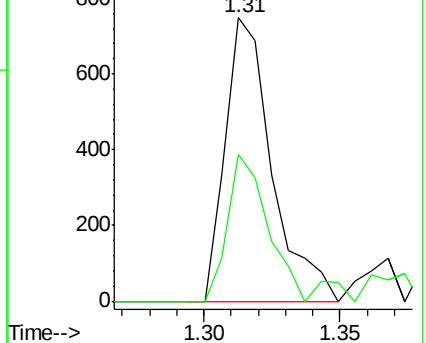
50 100

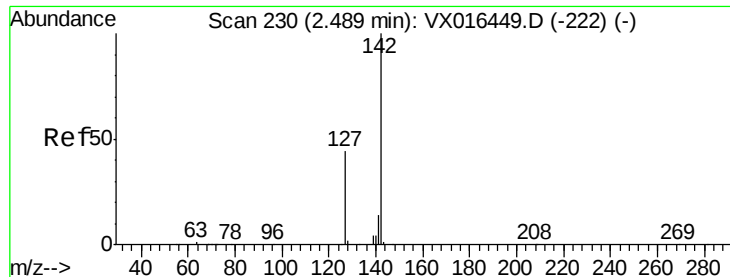
52 51.9 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

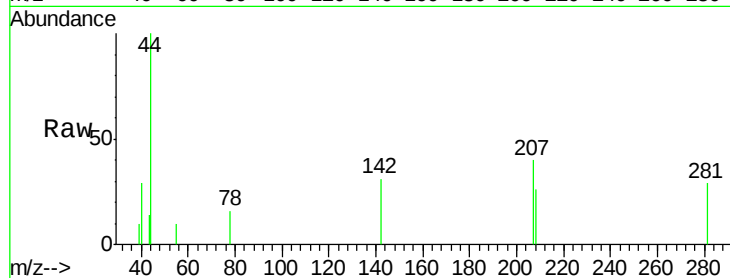




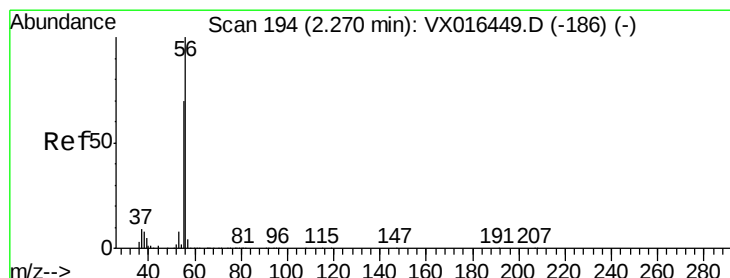
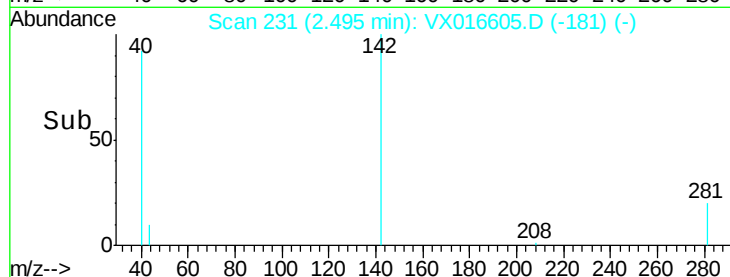
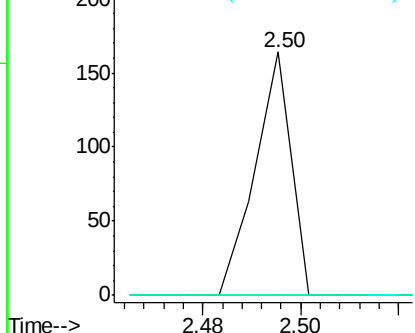
#10
Methyl Iodide
Concen: 3.09 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016605.D
Acq: 05 Jun 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 35.3 52.9#
141 0.0 11.4 17.2#

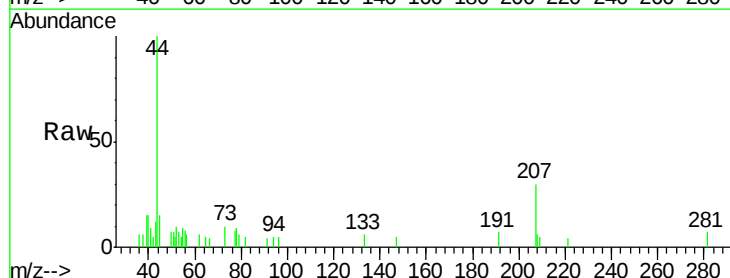


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

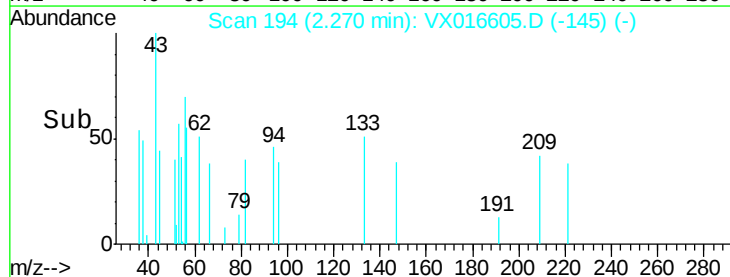
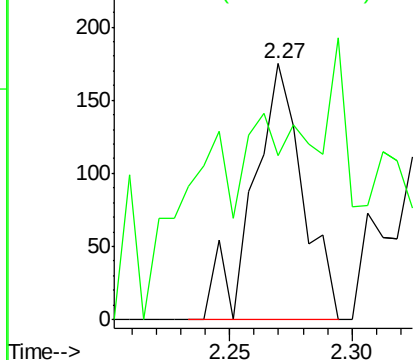


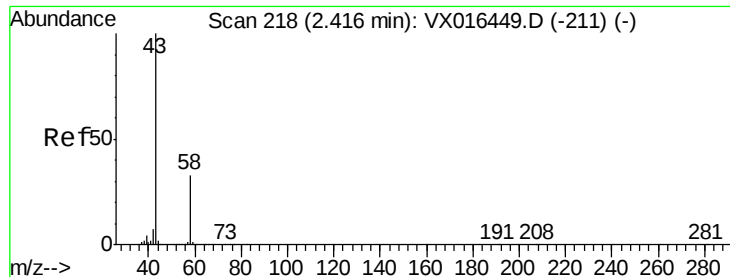
#13
Acrolein
Concen: 0.79 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016605.D
Acq: 05 Jun 2020 12:53

Tgt Ion: 56 Resp: 246
Ion Ratio Lower Upper
56 100
55 74.4 58.3 87.5



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





#16

Acetone

Concen: 2.34 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

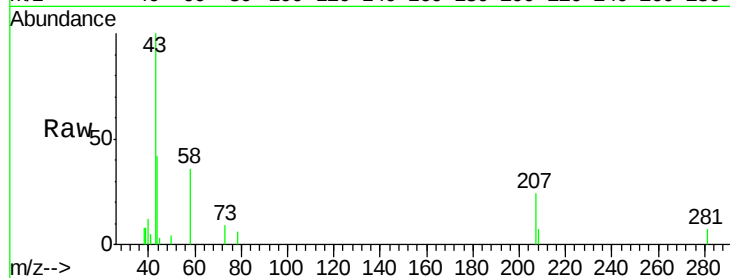
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 43 Resp: 2935

Ion Ratio Lower Upper

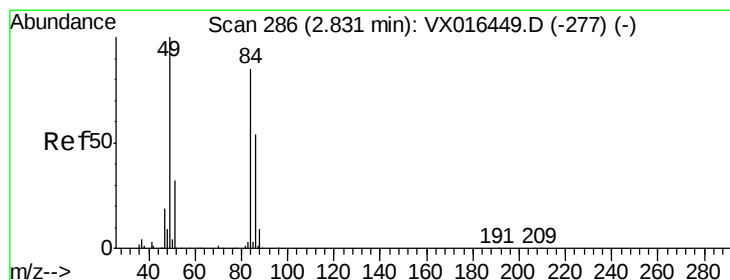
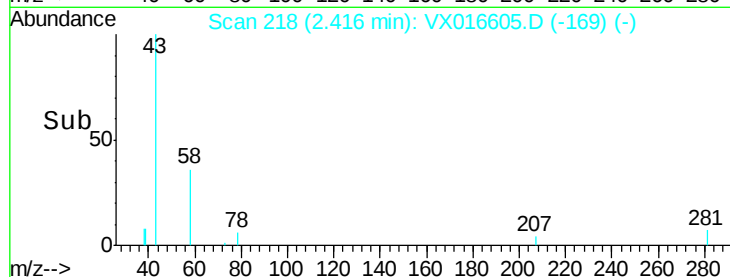
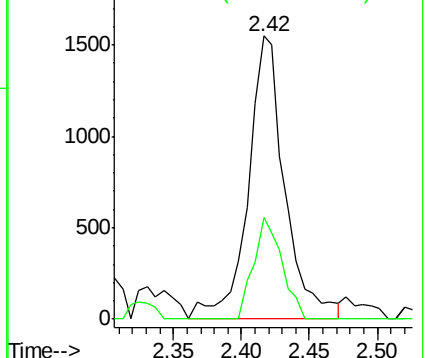
43 100

58 36.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Tgt Ion: 84 Resp: 669

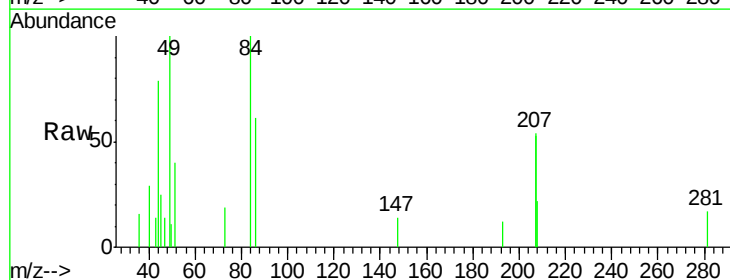
Ion Ratio Lower Upper

84 100

49 99.6 94.5 141.7

51 40.3 30.2 45.4

86 60.6 51.1 76.7

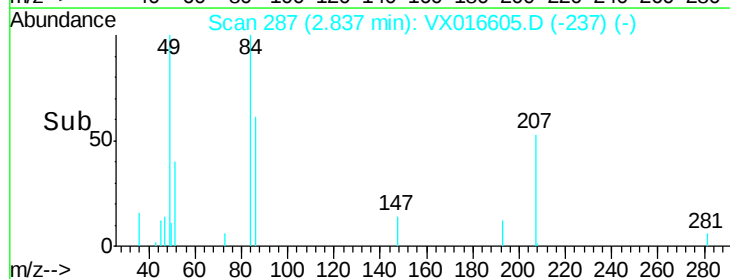
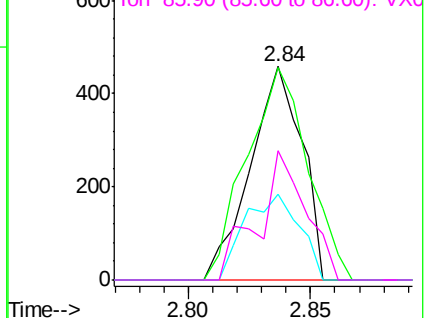


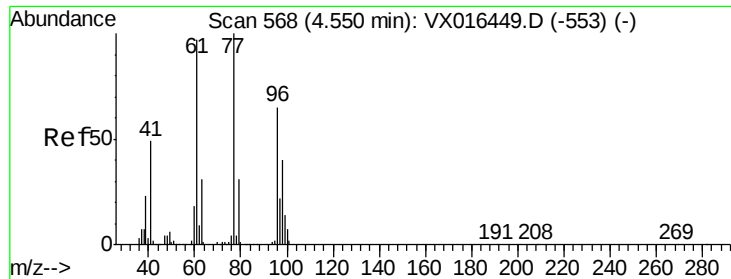
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

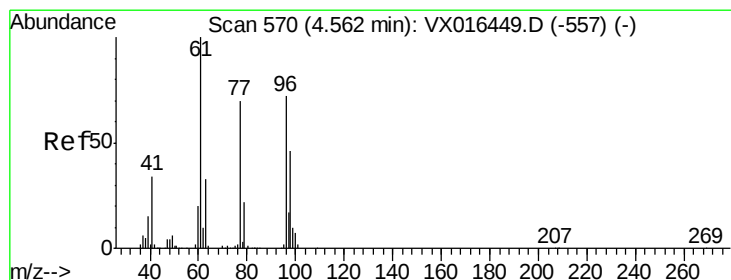
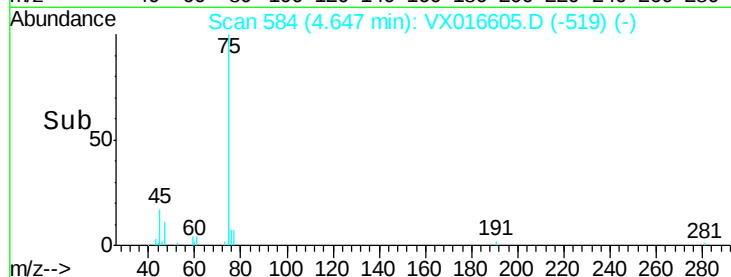
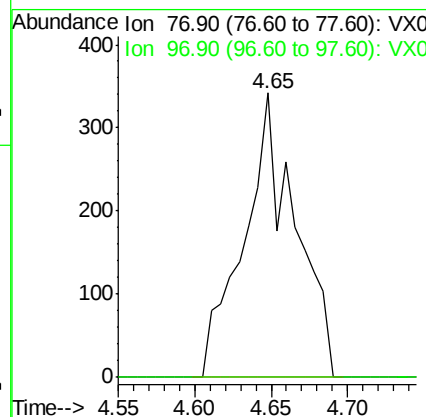
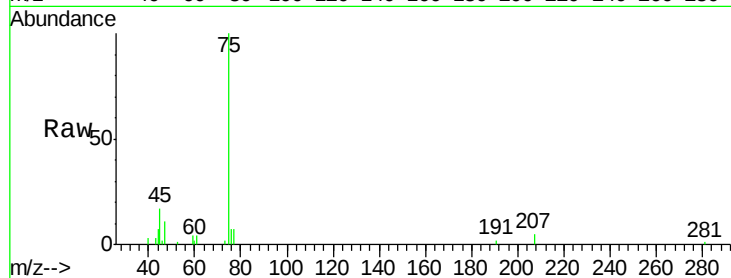




#26
 2,2-Dichloropropane
 Concen: 0.22 ug/l
 RT: 4.65 min Scan# 584
 Delta R.T. 0.10 min
 Lab File: VX016605.D
 Acq: 05 Jun 2020 12:53

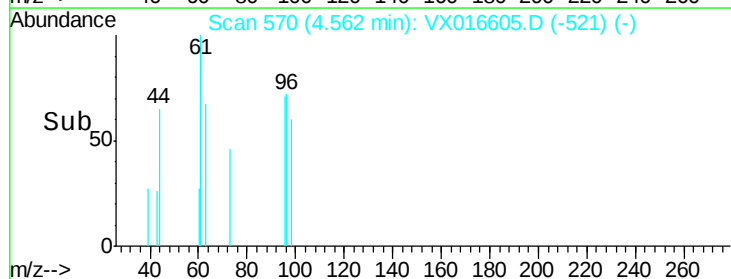
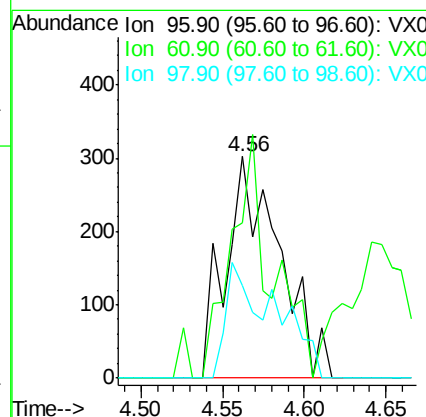
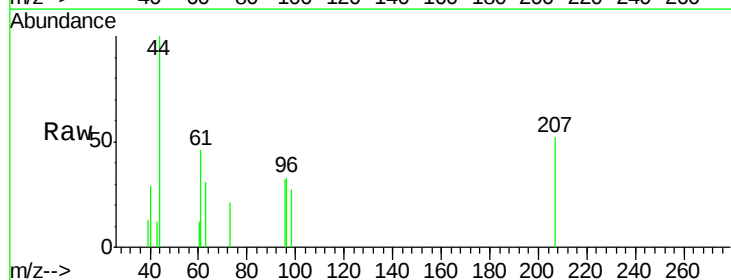
Instrument :
 MSVOA_X
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 STORAGE-BLANK-SAMPLE-MANA

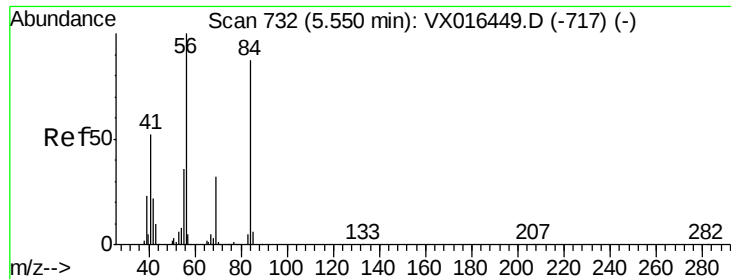
Tgt Ion: 77 Resp: 793
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.5 34.4#



#27
 cis-1,2-Dichloroethene
 Concen: 0.24 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016605.D
 Acq: 05 Jun 2020 12:53

Tgt Ion: 96 Resp: 690
 Ion Ratio Lower Upper
 96 100
 61 62.6 0.0 284.6
 98 27.2 0.0 127.2

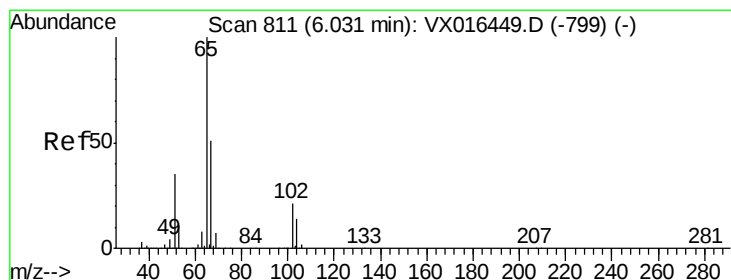
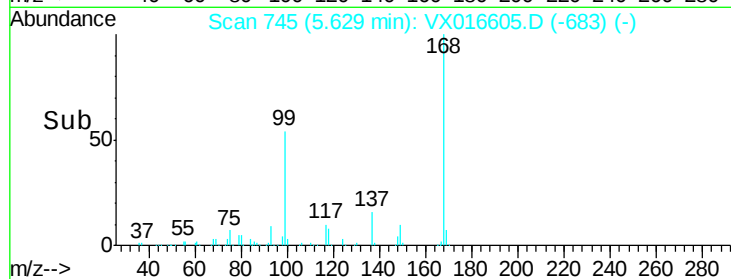
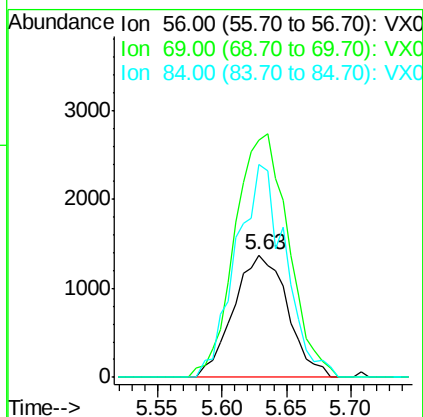
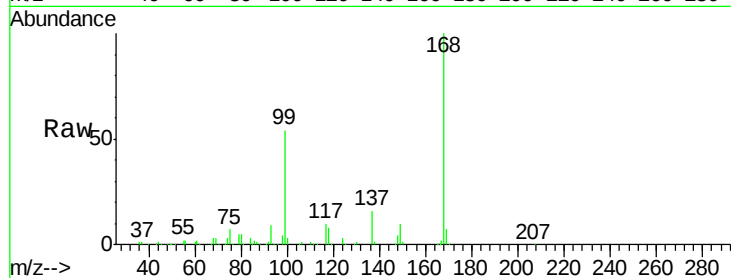




#31
Cyclohexane
Concen: 1.01 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016605.D
Acq: 05 Jun 2020 12:53

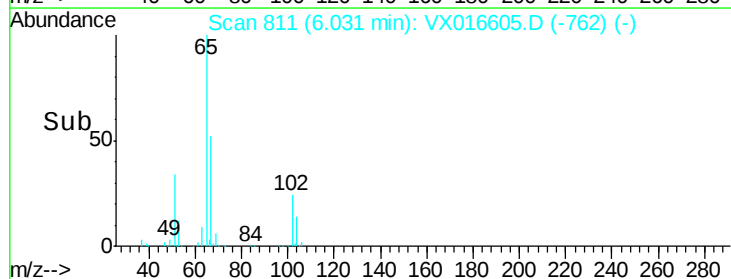
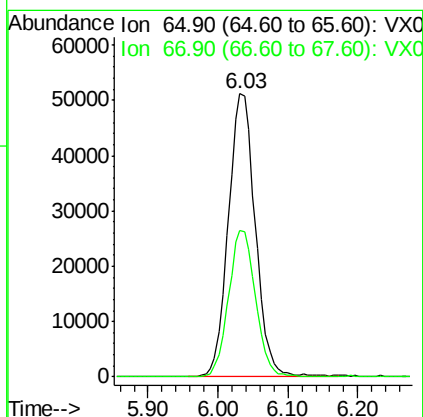
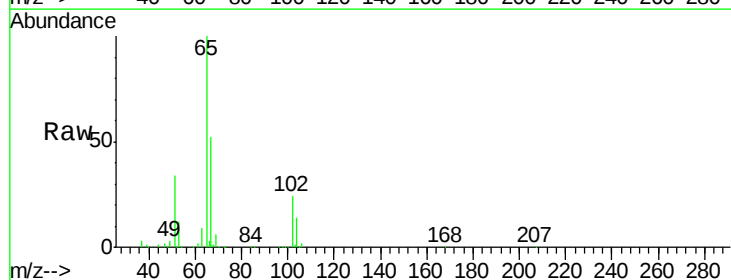
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

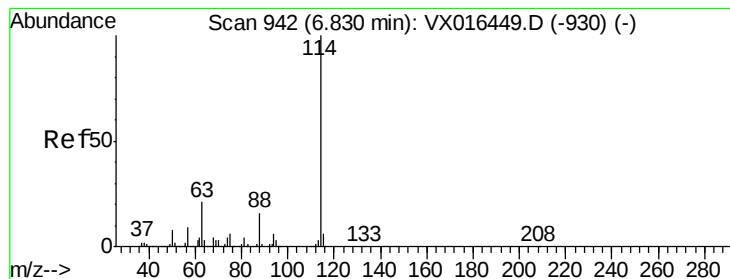
Tgt Ion: 56 Resp: 3995
Ion Ratio Lower Upper
56 100
69 194.2 25.7 38.5#
84 174.1 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.10 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016605.D
Acq: 05 Jun 2020 12:53

Tgt Ion: 65 Resp: 137487
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

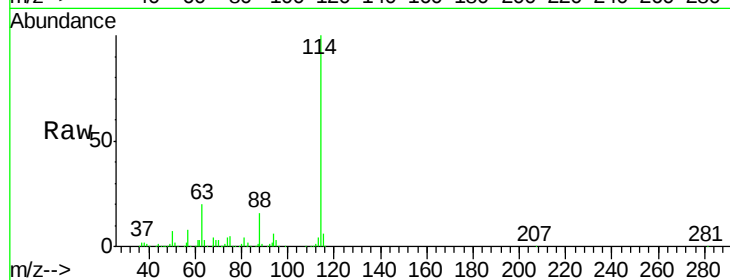
Tgt Ion:114 Resp: 368351

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

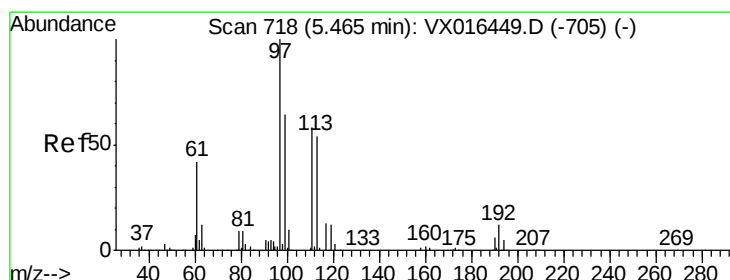
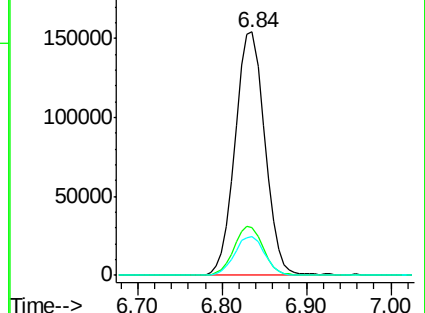
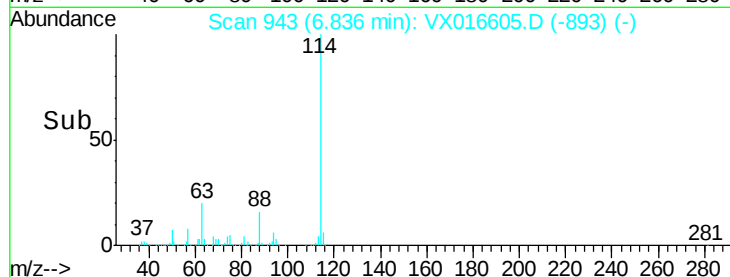
88 16.1 0.0 32.8



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: 48.59 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

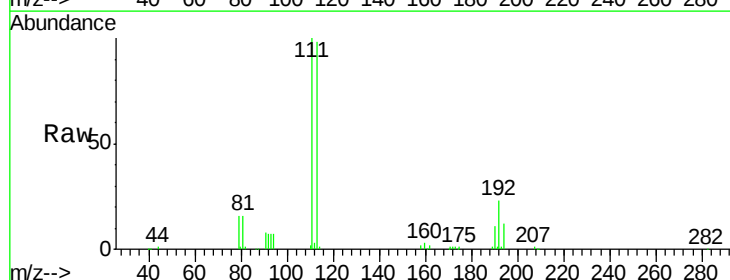
Tgt Ion:113 Resp: 110208

Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.6

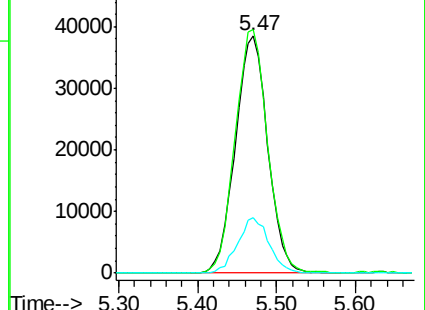
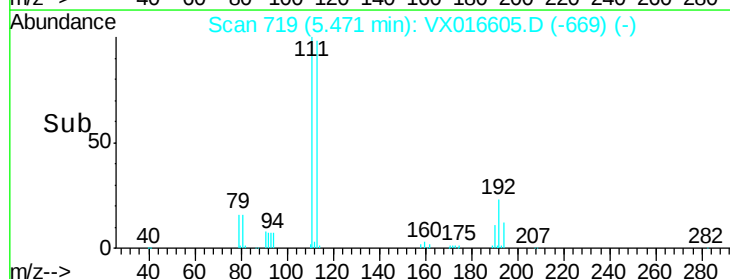
192 22.6 17.7 26.5

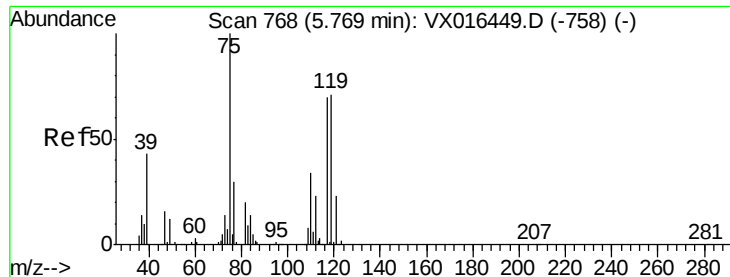


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.56 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

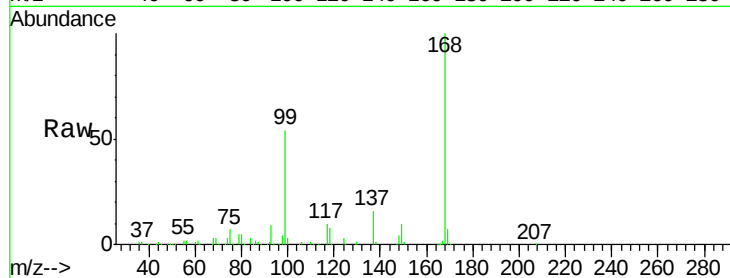
Tgt Ion: 75 Resp: 15901

Ion Ratio Lower Upper

75 100

110 9.0 17.4 52.3#

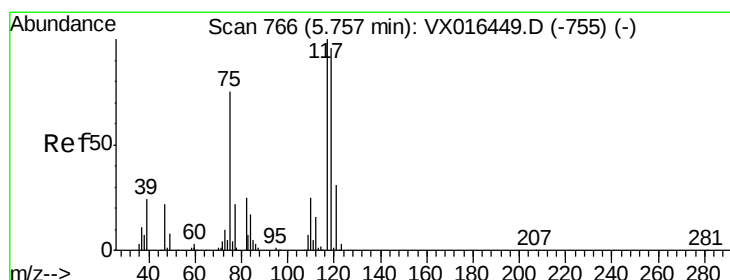
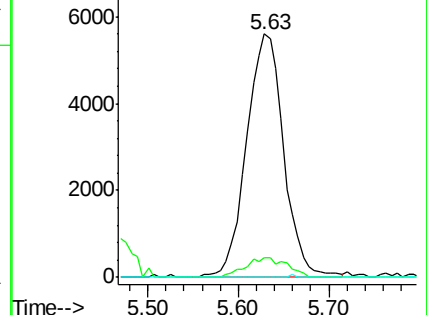
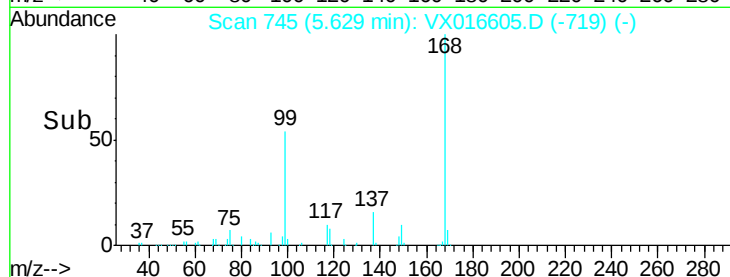
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX016605.D (-719) (-)

Ion 109.90 (109.60 to 110.60): VX016605.D (-719) (-)

Ion 76.90 (76.60 to 77.60): VX016605.D (-719) (-)



#38

Carbon Tetrachloride

Concen: 6.01 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

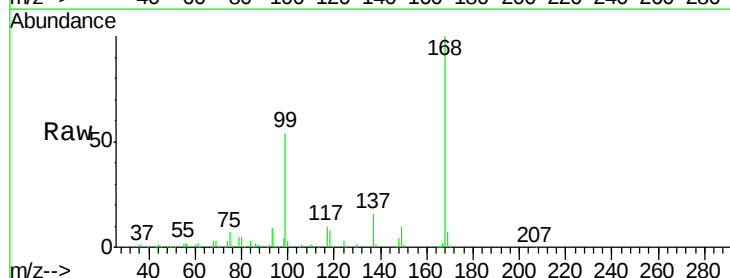
Tgt Ion: 117 Resp: 22009

Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

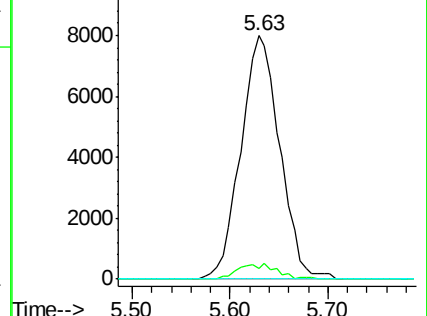
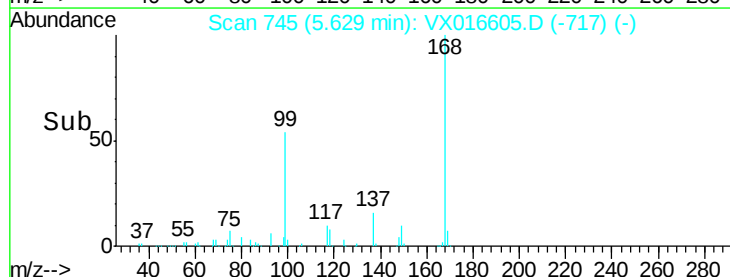
121 0.0 24.6 37.0#

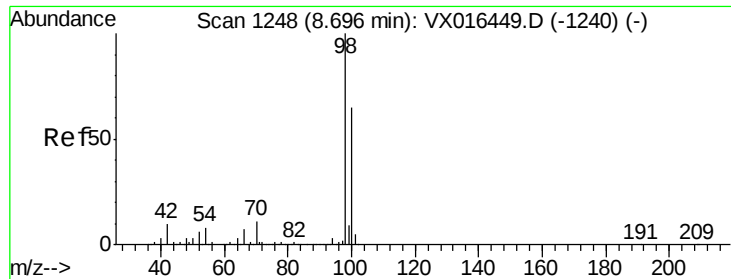


Abundance Ion 116.80 (116.50 to 117.50): VX016605.D (-717) (-)

Ion 118.80 (118.50 to 119.50): VX016605.D (-717) (-)

Ion 120.80 (120.50 to 121.50): VX016605.D (-717) (-)





#50

Toluene-d8

Concen: 51.80 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

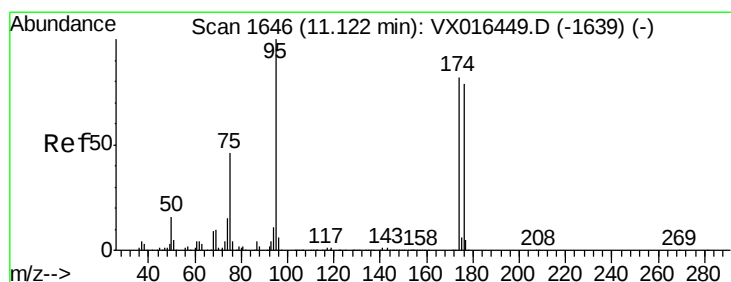
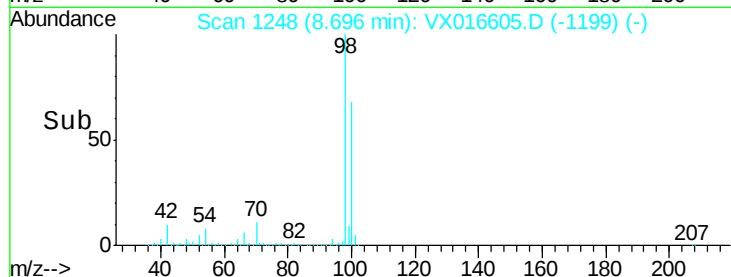
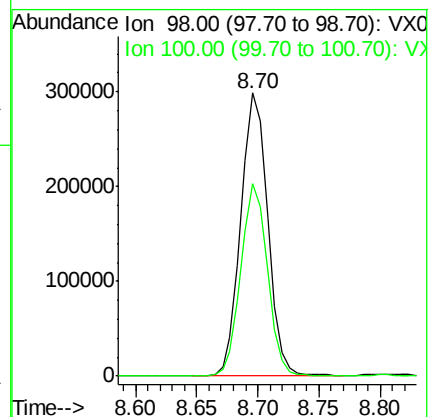
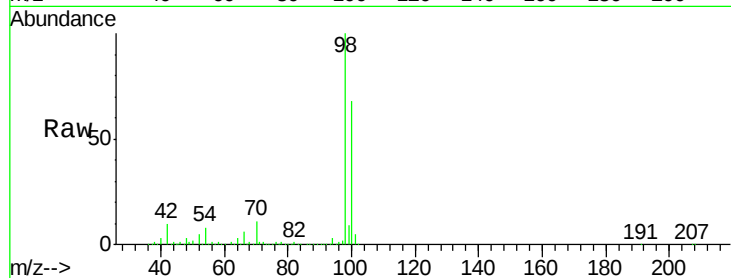
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 98 Resp: 457280

Ion Ratio Lower Upper

98 100

100 67.0 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 52.95 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

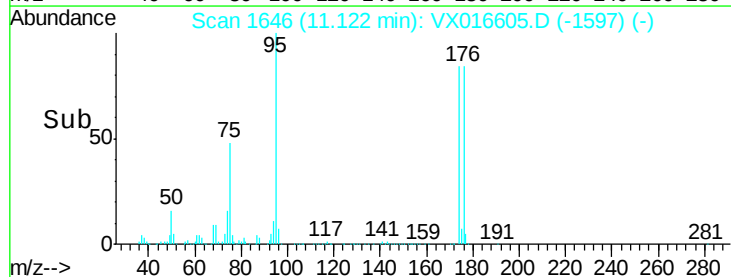
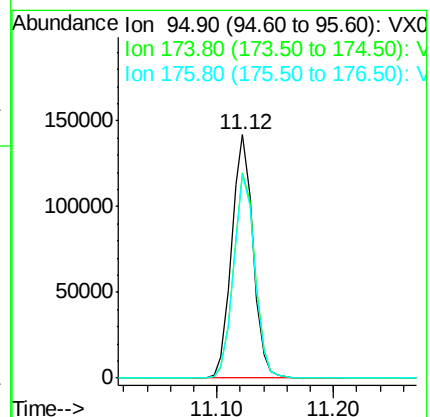
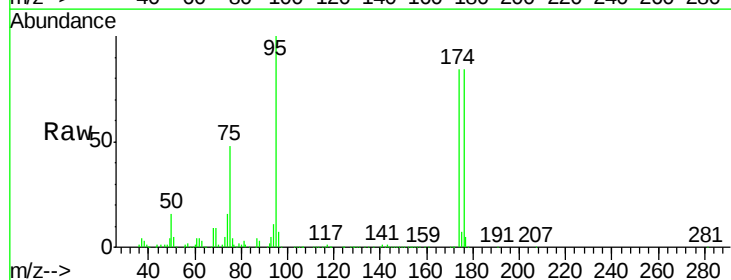
Tgt Ion: 95 Resp: 180630

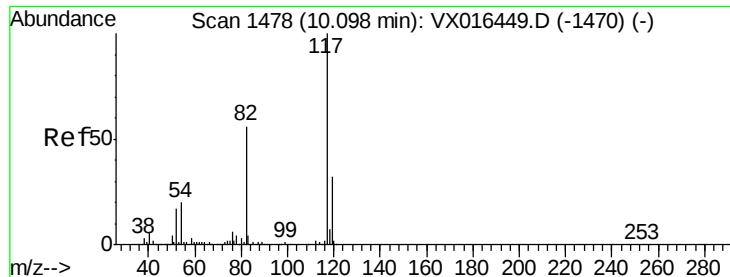
Ion Ratio Lower Upper

95 100

174 85.2 0.0 163.0

176 83.3 0.0 156.8

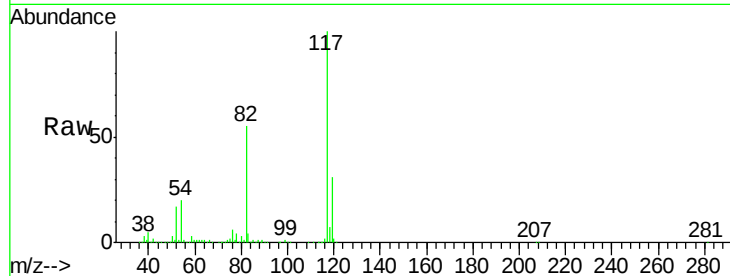




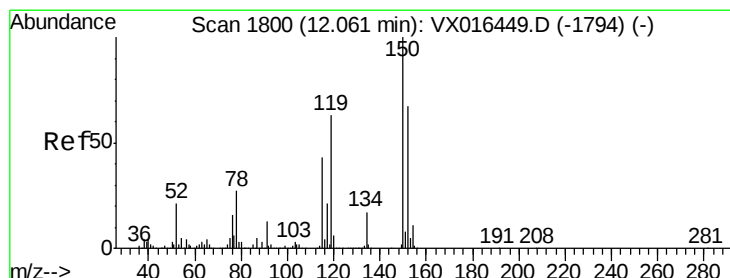
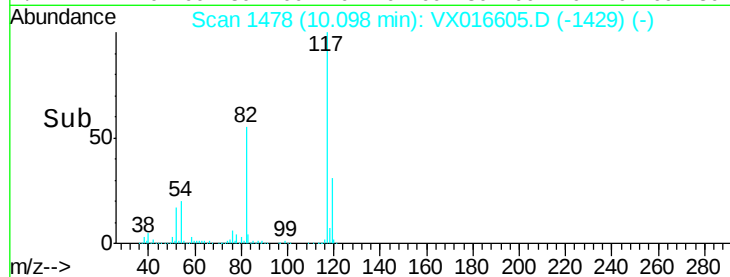
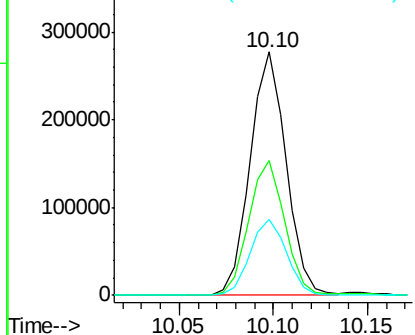
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016605.D
Acq: 05 Jun 2020 12:53

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:117 Resp: 366938
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.6
119 31.1 25.8 38.8

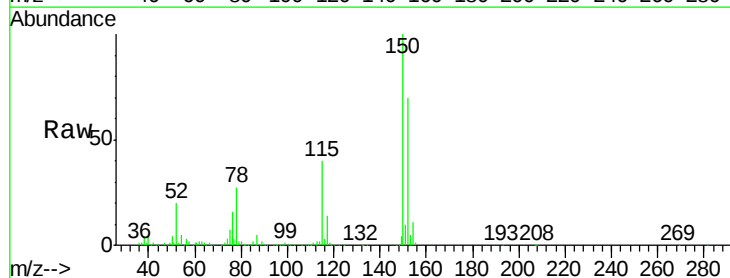


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

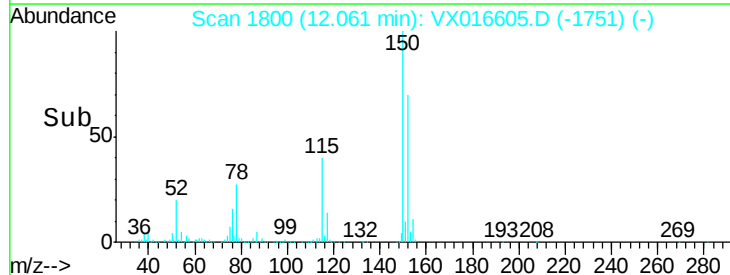
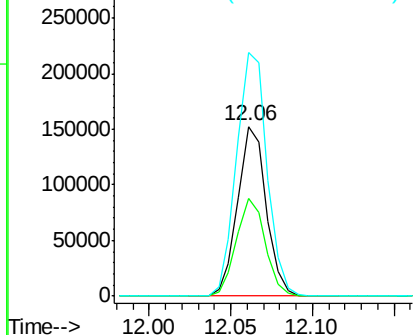


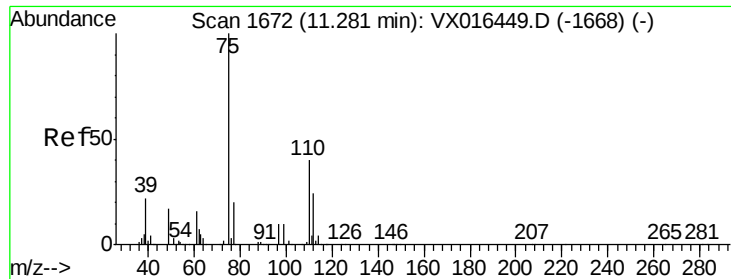
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016605.D
Acq: 05 Jun 2020 12:53

Tgt Ion:152 Resp: 187261
Ion Ratio Lower Upper
152 100
115 58.2 39.9 119.6
150 152.4 0.0 341.0



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: 21.46 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Instrument :

MSVOA_X

ClientSampleId :

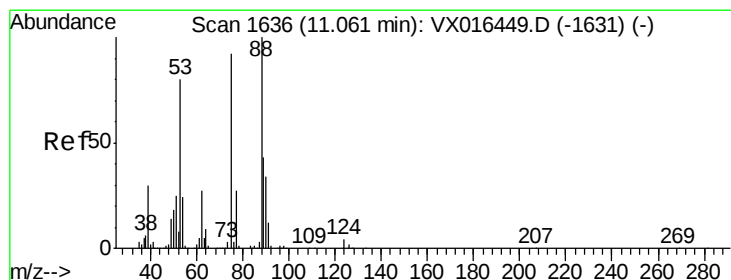
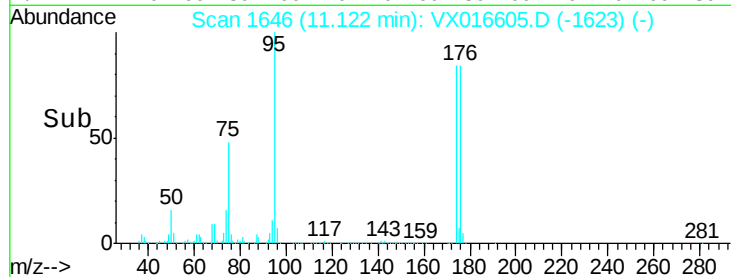
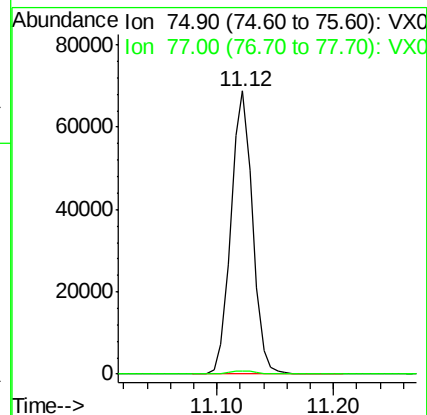
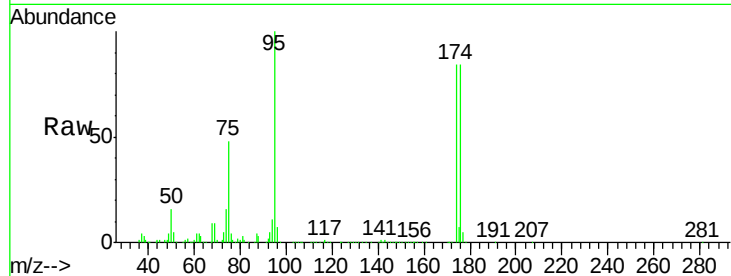
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 88324

Ion Ratio Lower Upper

75 100

77 1.4 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.78 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016605.D

Acq: 05 Jun 2020 12:53

Tgt Ion: 75 Resp: 88324

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.0 36.6 55.0#

