

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010395.D
 Acq On : 21 Jun 2019 19:19
 Operator : JC/SP
 Sample : K3477-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 21 23:15:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	292410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	406339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184792	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	137797	50.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.52%	
35) Dibromofluoromethane	5.50	113	138375	49.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.74%	
50) Toluene-d8	8.71	98	529980	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	175558	45.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.62%	

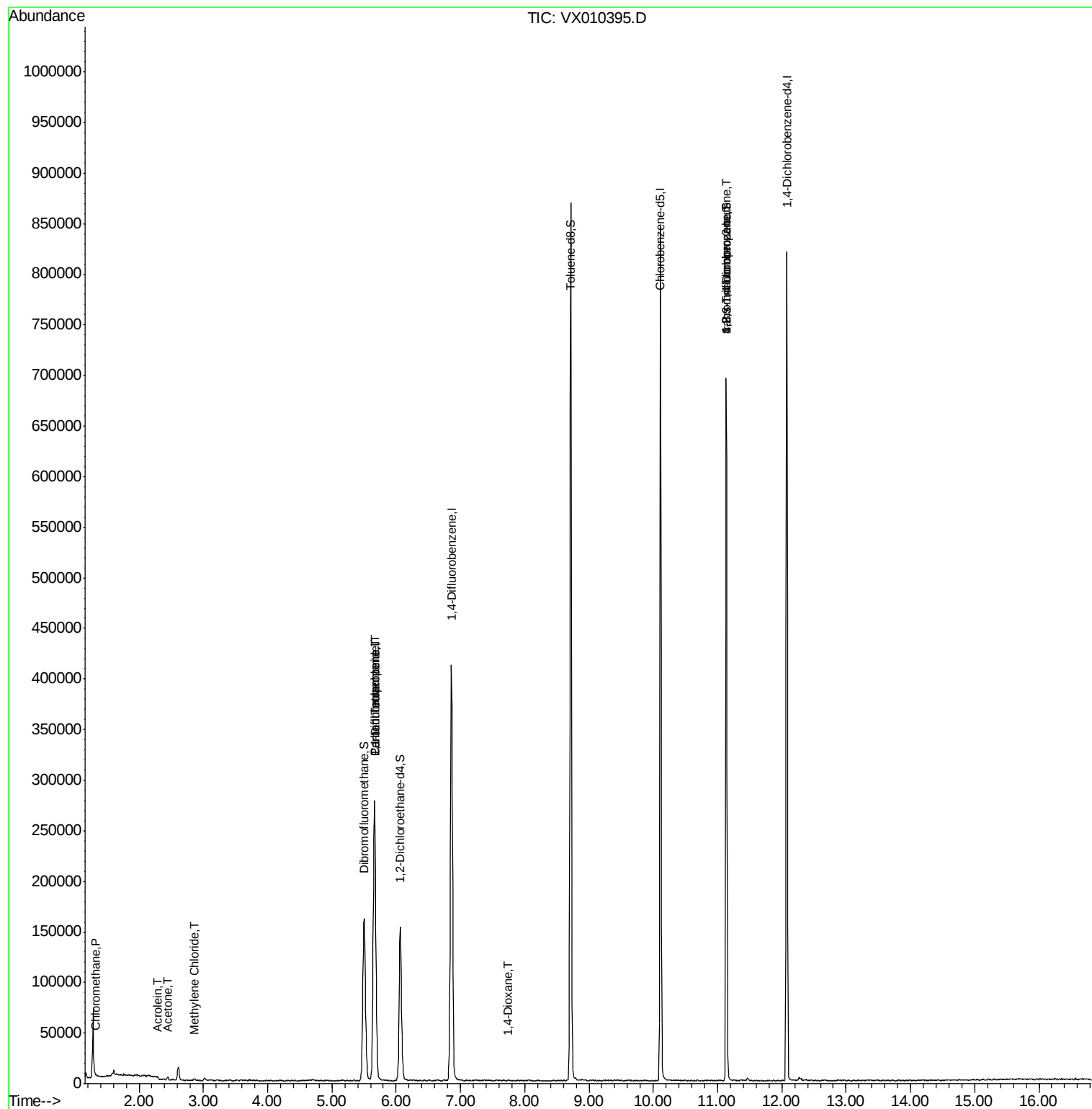
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	927	0.392	ug/l #	66
13) Acrolein	2.29	56	118	0.248	ug/l #	14
16) Acetone	2.44	43	3206	2.333	ug/l	93
20) Methylene Chloride	2.86	84	601	0.213	ug/l #	79
36) 1,1-Dichloropropene	5.67	75	17805	4.940	ug/l #	47
38) Carbon Tetrachloride	5.67	117	26071	6.680	ug/l #	15
49) 1,4-Dioxane	7.73	88	33	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	83660	24.844	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	83660	57.959	ug/l #	16

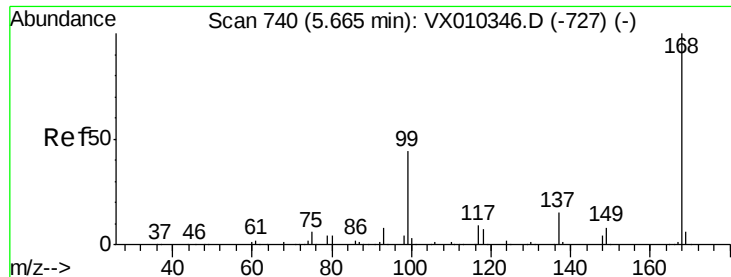
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062119\
Data File : VX010395.D
Acq On : 21 Jun 2019 19:19
Operator : JC/SP
Sample : K3477-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 21 23:15:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

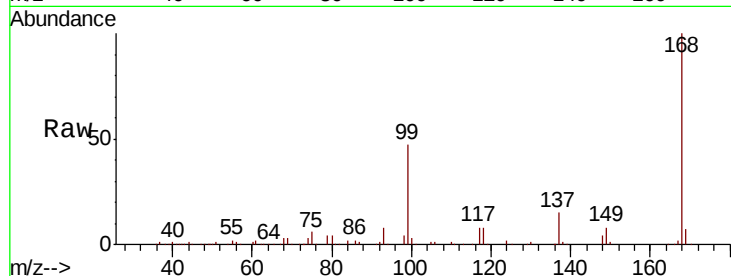
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 292410

Ion Ratio Lower Upper

168 100

99 46.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

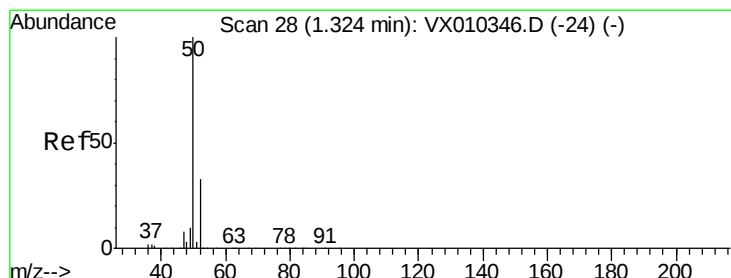
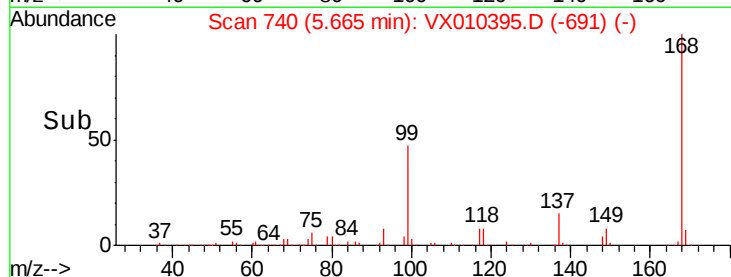
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.392 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010395.D

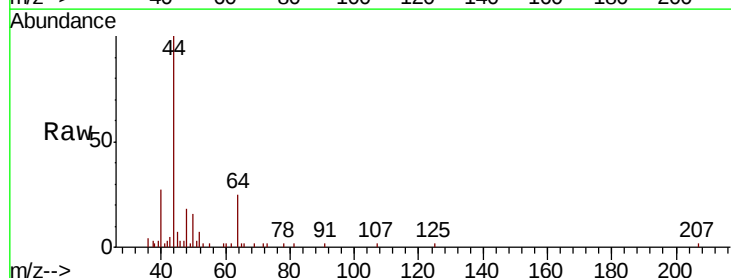
Acq: 21 Jun 2019 19:19

Tgt Ion: 50 Resp: 927

Ion Ratio Lower Upper

50 100

52 52.4 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

800

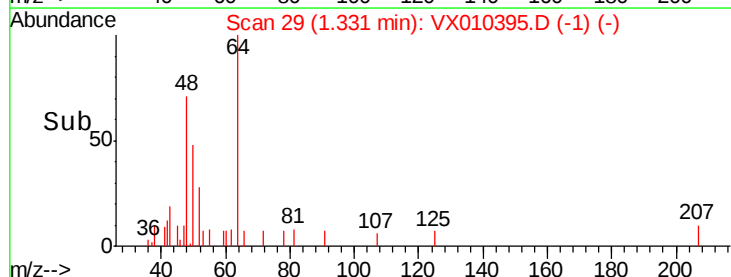
600

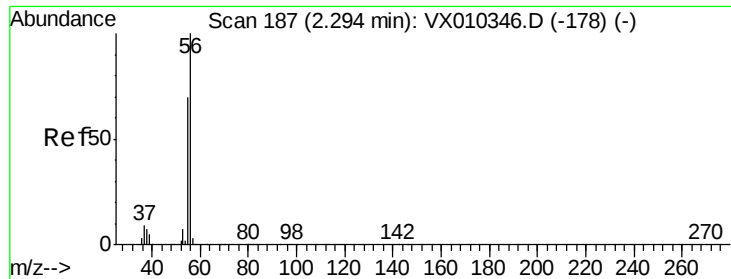
400

200

0

Time--> 1.30 1.35 1.40





#13

Acrolein

Concen: 0.248 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

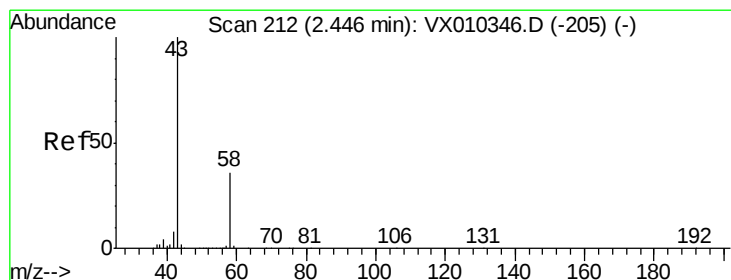
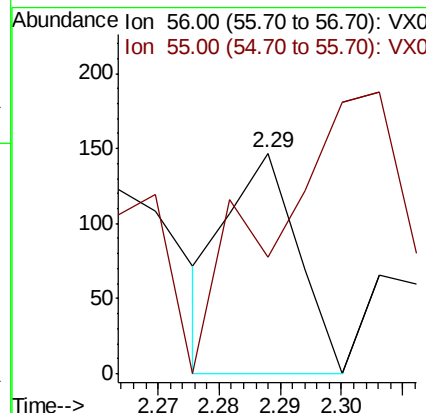
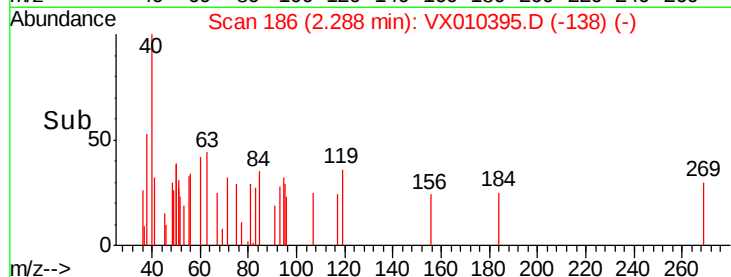
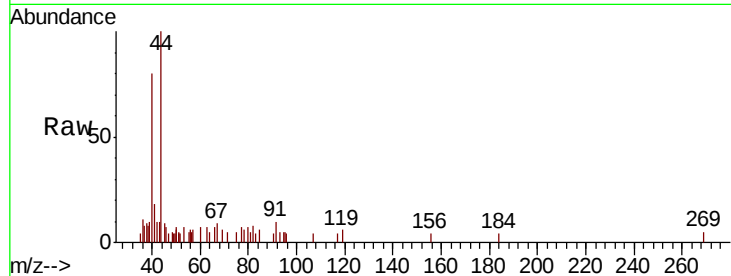
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 56 Resp: 118

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 2.333 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010395.D

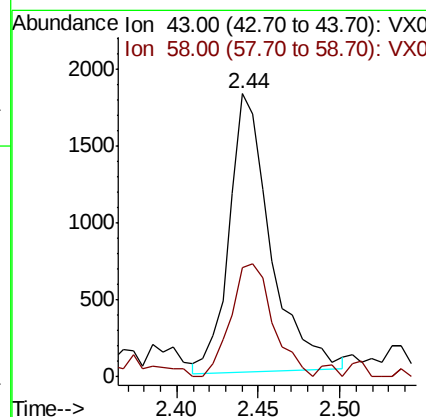
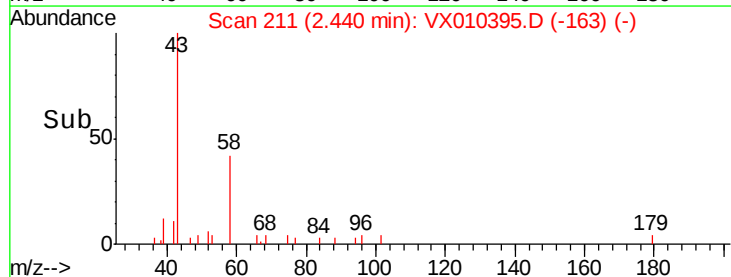
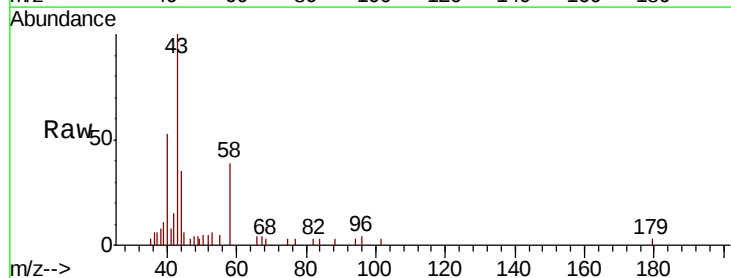
Acq: 21 Jun 2019 19:19

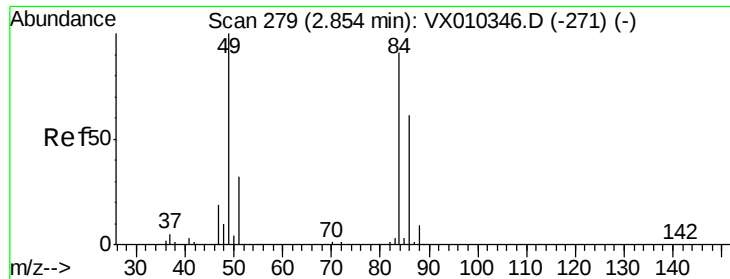
Tgt Ion: 43 Resp: 3206

Ion Ratio Lower Upper

43 100

58 40.5 28.9 43.3

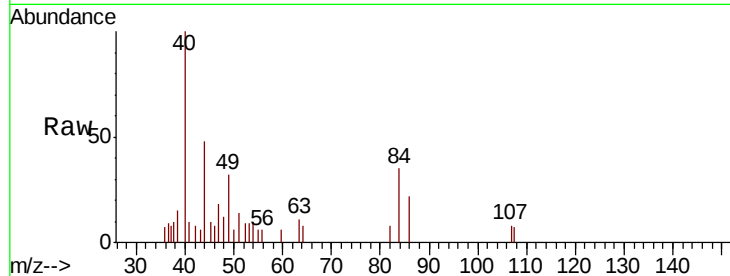




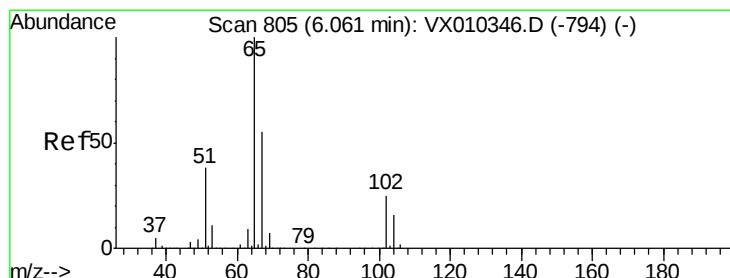
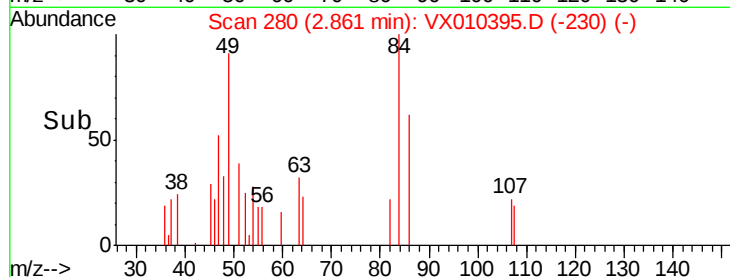
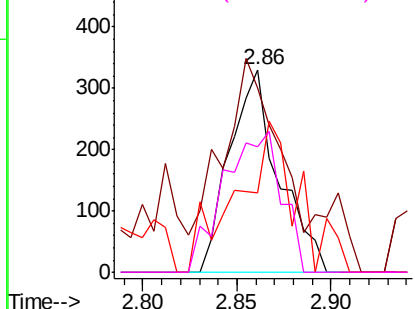
#20
Methvlene Chloride
Concen: 0.213 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010395.D
Acq: 21 Jun 2019 19:19

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

Tot Ion: 84 Resp: 601
Ion Ratio Lower Upper
84 100
49 72.7 87.5 131.3#
51 39.4 27.7 41.5
86 62.1 53.4 80.0

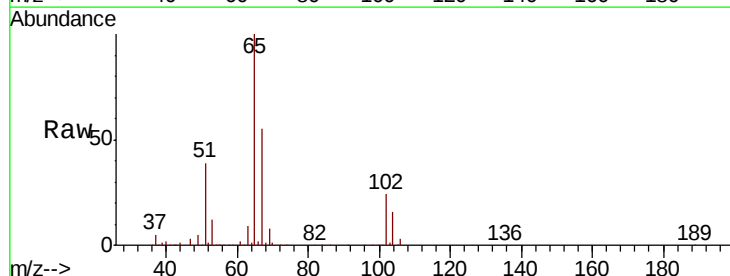


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

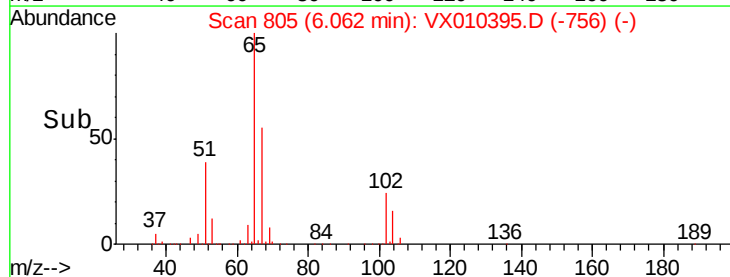
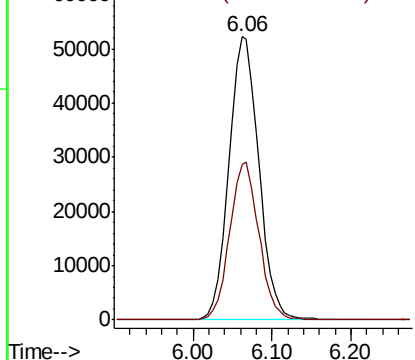


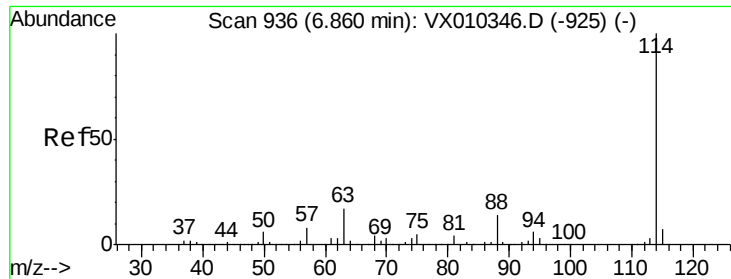
#33
1,2-Dichloroethane-d4
Concen: 50.261 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010395.D
Acq: 21 Jun 2019 19:19

Tgt Ion: 65 Resp: 137797
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2



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

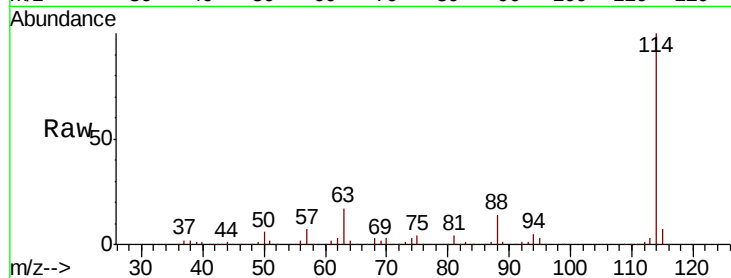




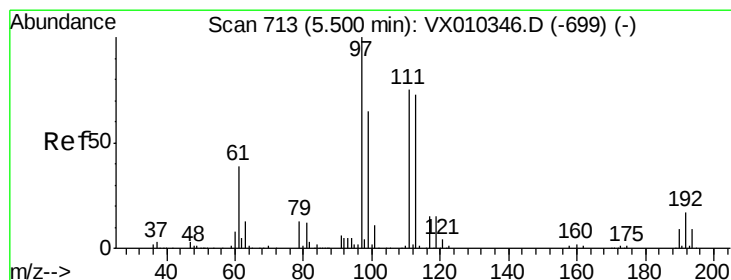
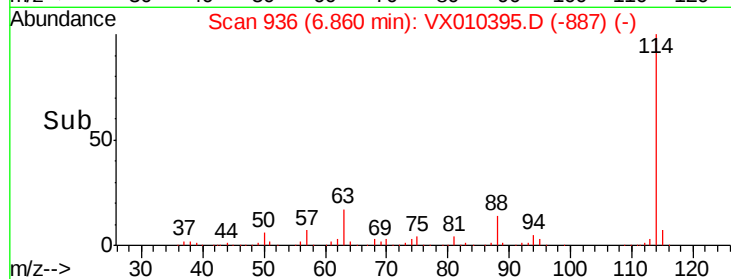
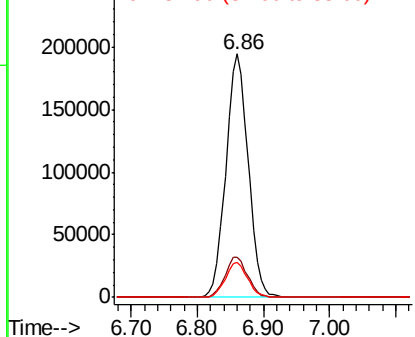
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010395.D
Acq: 21 Jun 2019 19:19

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

Tot Ion:114 Resp: 453525
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.8
88 14.1 0.0 27.6

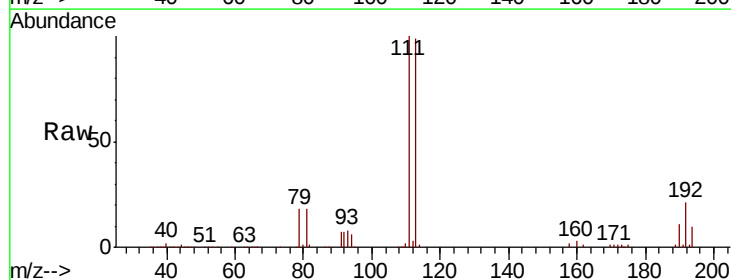


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

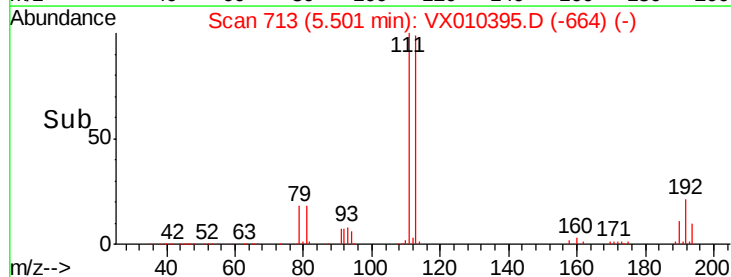
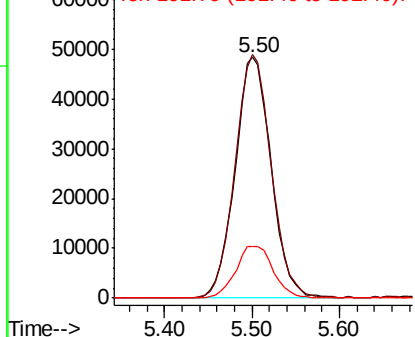


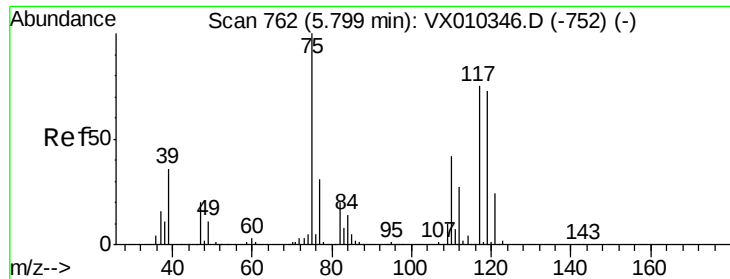
#35
Dibromofluoromethane
Concen: 49.868 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010395.D
Acq: 21 Jun 2019 19:19

Tgt Ion:113 Resp: 138375
Ion Ratio Lower Upper
113 100
111 101.4 81.2 121.8
192 22.3 18.6 27.8



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

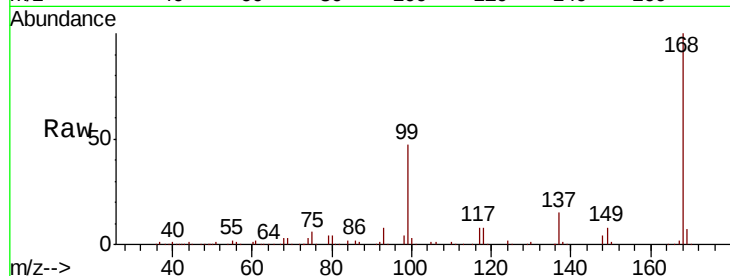




#36
 1,1-Dichloropropene
 Concen: 4.940 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010395.D
 Acq: 21 Jun 2019 19:19

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

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.8	62.2#
77	0.2	25.4	38.0#

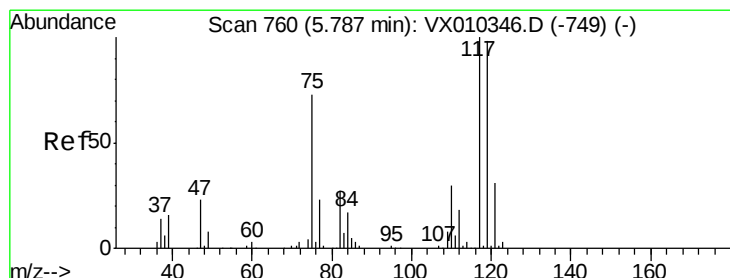
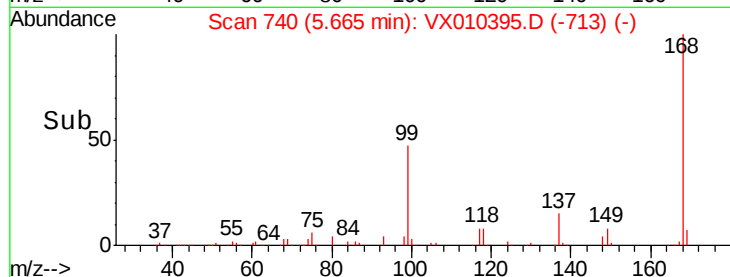
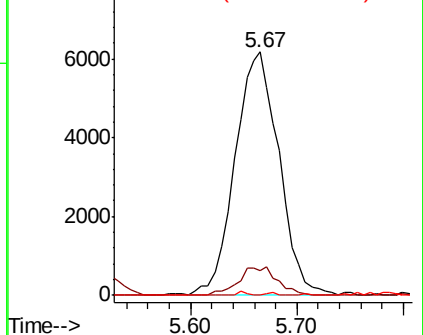


Abundance

Ion 74.90 (74.60 to 75.60): VX0

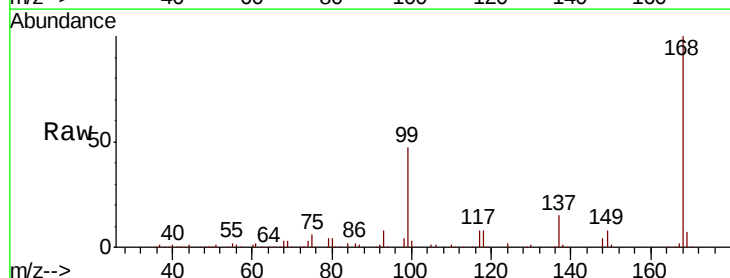
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38
 Carbon Tetrachloride
 Concen: 6.680 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010395.D
 Acq: 21 Jun 2019 19:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.2	117.4#
121	0.0	24.7	37.1#

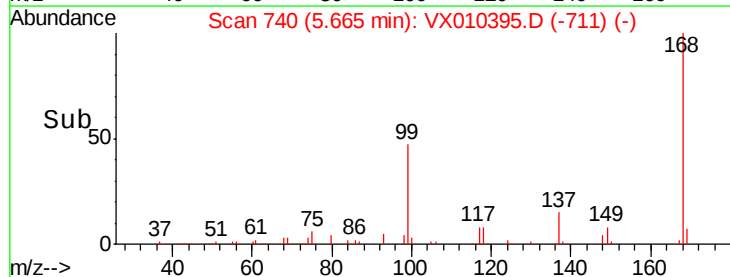
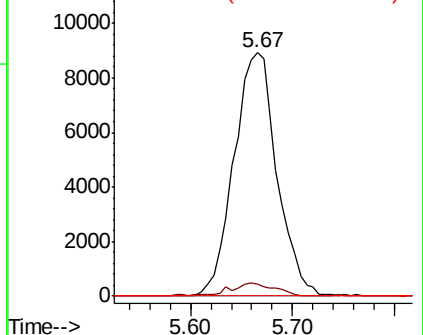


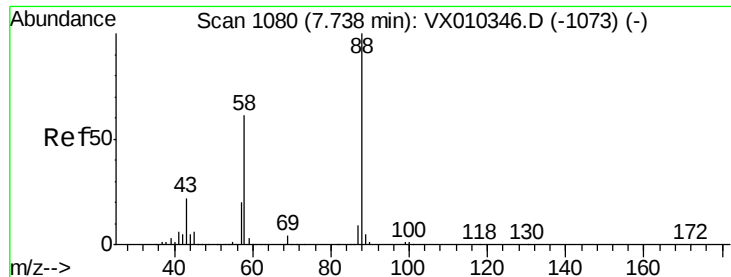
Abundance

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

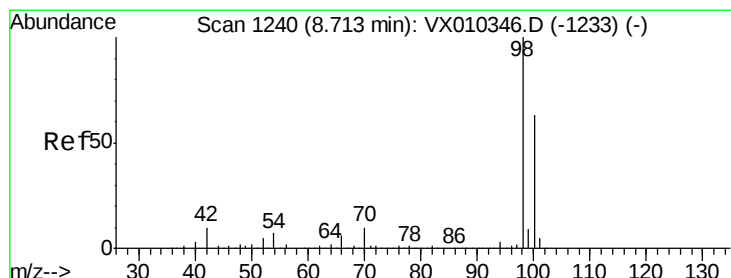
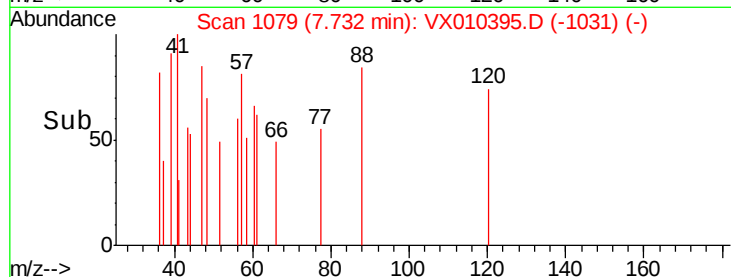
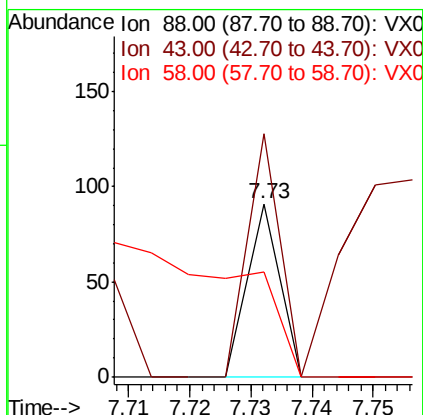
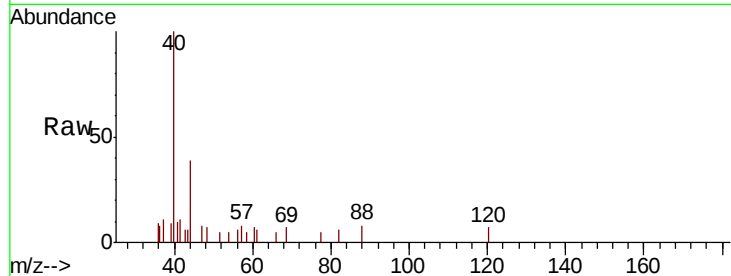




#49
1,4-Dioxane
Concen: 0.402 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX010395.D
Acq: 21 Jun 2019 19:19

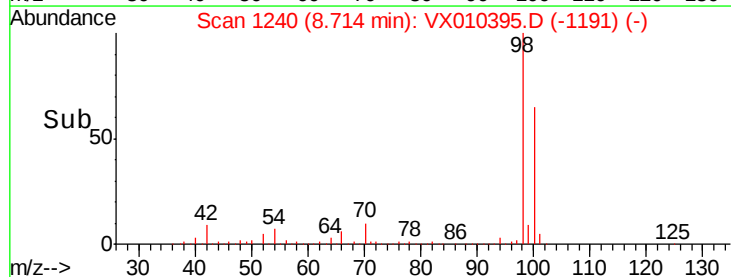
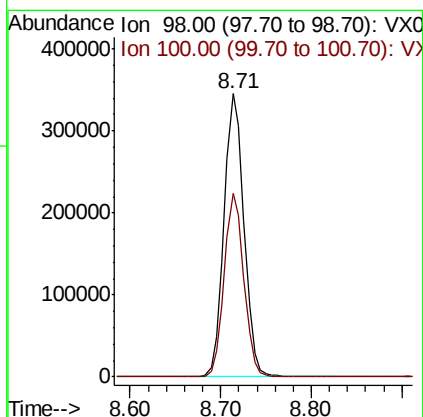
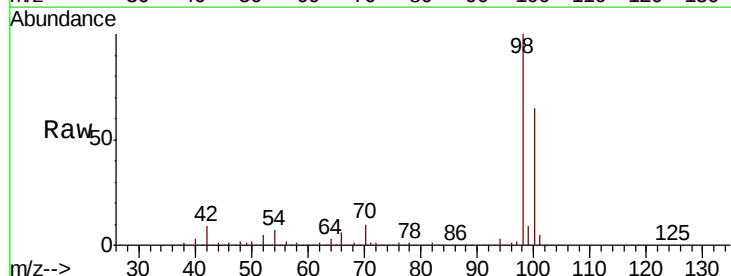
Instrument :
MSVOA_X
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STORAGE-BLANK-SAMPLE-MANA

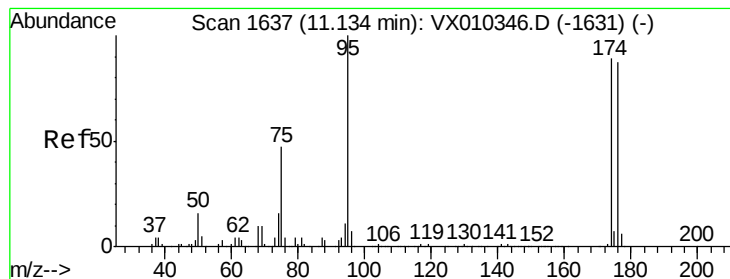
Tot Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 142.4 20.2 30.2#
58 0.0 49.5 74.3#



#50
Toluene-d8
Concen: 49.923 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010395.D
Acq: 21 Jun 2019 19:19

Tgt Ion: 98 Resp: 529980
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 45.806 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

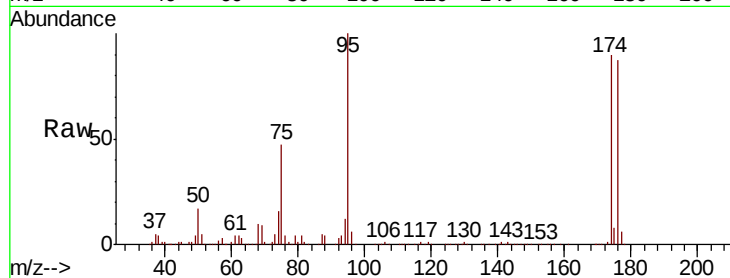
Tot Ion: 95 Resp: 175558

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.6

176 91.1 0.0 184.0

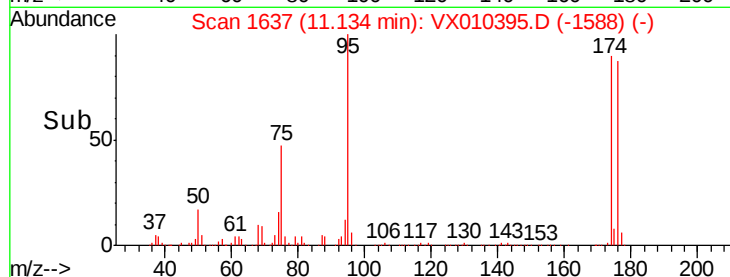


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

Time-->

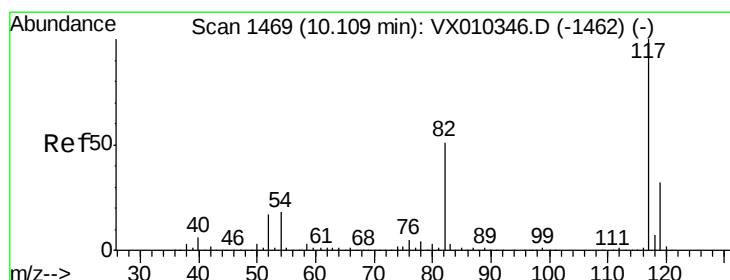


Abundance Ion 94.90 (94.60 to 95.60): VX010395.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010395.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010395.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

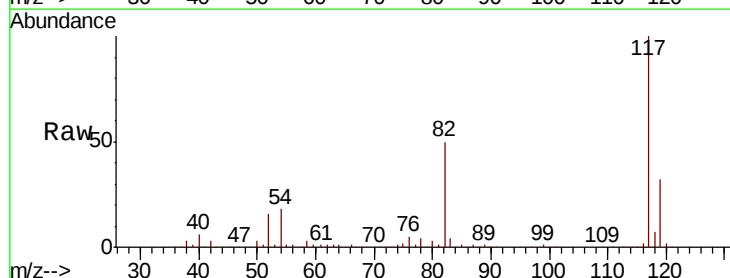
Tgt Ion: 117 Resp: 406339

Ion Ratio Lower Upper

117 100

82 50.3 41.2 61.8

119 32.0 25.5 38.3

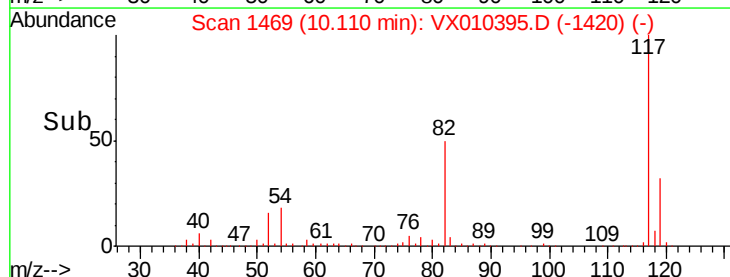


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

Time-->

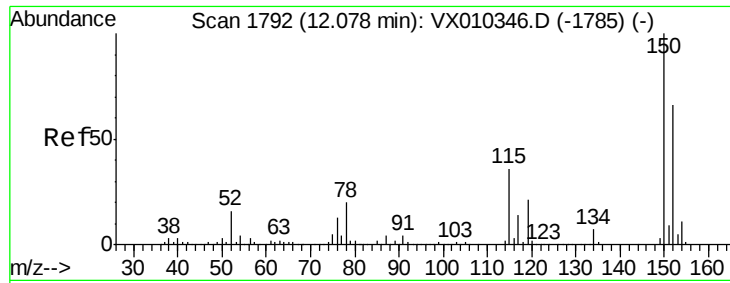


Abundance Ion 116.90 (116.60 to 117.60): VX010395.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010395.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010395.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

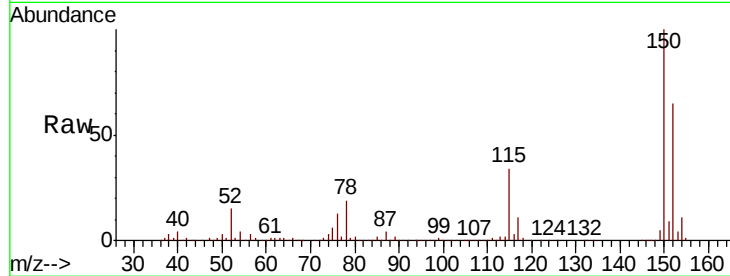
Tot Ion:152 Resp: 184792

Ion Ratio Lower Upper

152 100

115 54.5 38.6 115.7

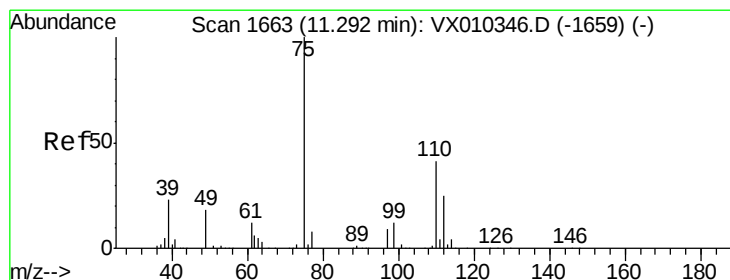
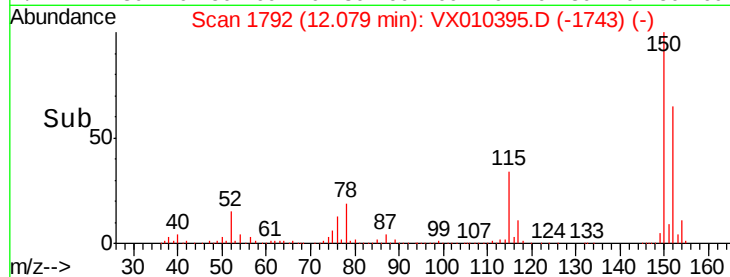
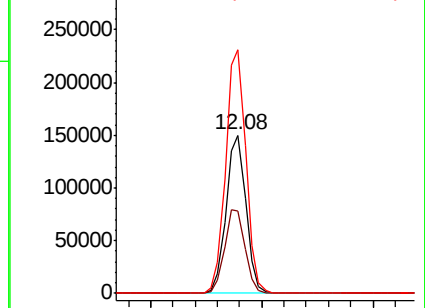
150 156.6 0.0 347.4



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: 24.844 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010395.D

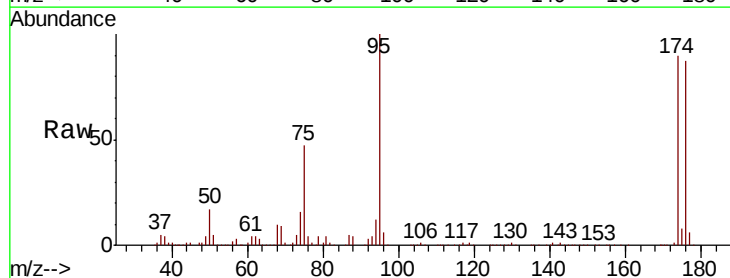
Acq: 21 Jun 2019 19:19

Tgt Ion: 75 Resp: 83660

Ion Ratio Lower Upper

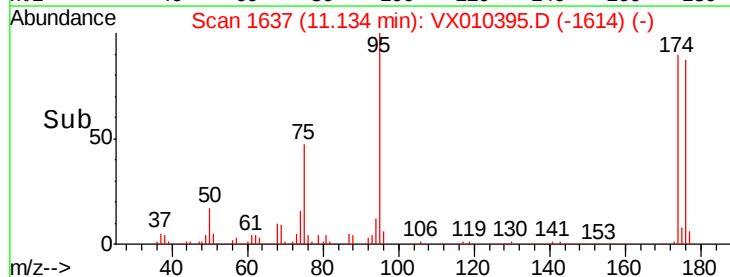
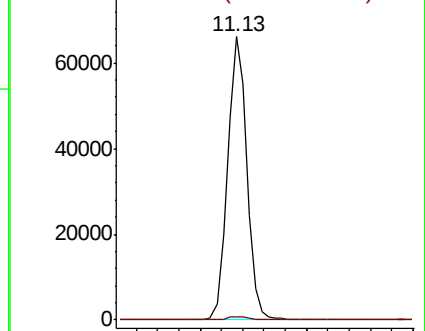
75 100

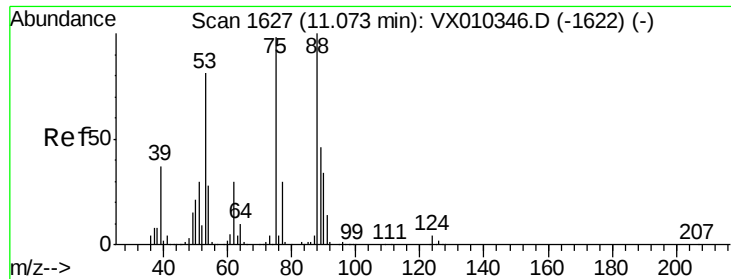
77 1.3 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.959 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010395.D

Acq: 21 Jun 2019 19:19

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 83660

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.1 37.8 56.6#

