

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019021.D
 Acq On : 22 Oct 2020 13:00
 Operator : JC/SP
 Sample : L4214-08 5.0PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Quant Time: Oct 23 10:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 23 09:59:01 2020
 Response via : Initial Calibration

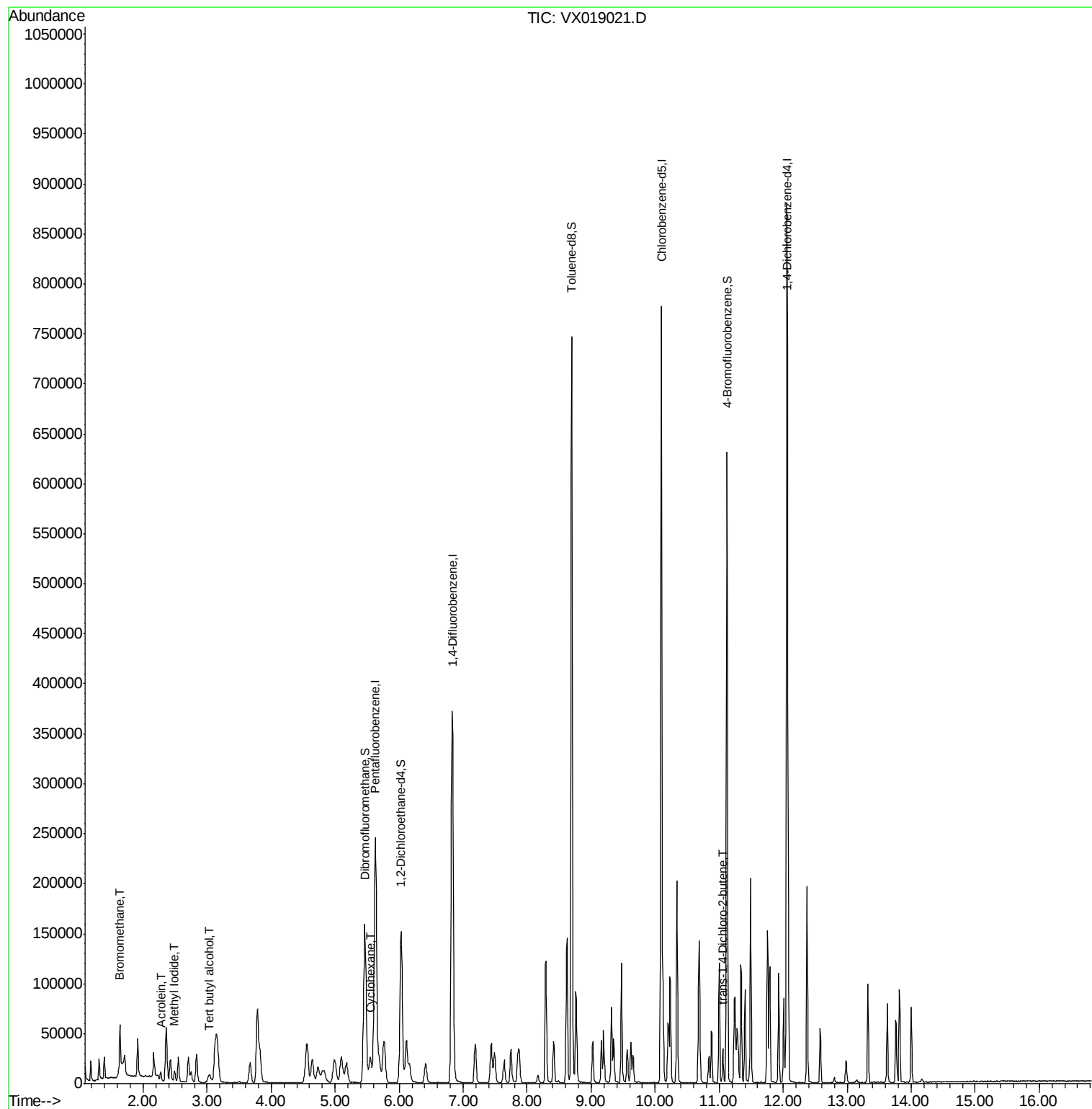
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	140937	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
35) Dibromofluoromethane	5.46	113	119384	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	8.70	98	461943	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.12	95	157693	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	16276	5.705	ug/l	95
10) Methyl Iodide	2.50	142	10853	3.847	ug/l	98
11) Tert butyl alcohol	3.04	59	15224	26.238	ug/l #	89
13) Acrolein	2.28	56	6626	28.823	ug/l	100
31) Cyclohexane	5.55	56	16496	4.917	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.06	75	6171	4.417	ug/l	93

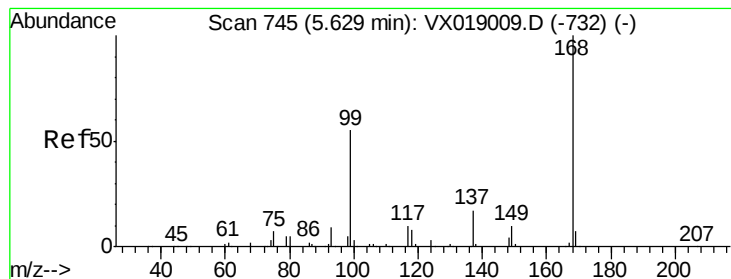
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019021.D
Acq On : 22 Oct 2020 13:00
Operator : JC/SP
Sample : L4214-08 5.0PPB L00
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

Quant Time: Oct 23 10:50:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 23 09:59:01 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

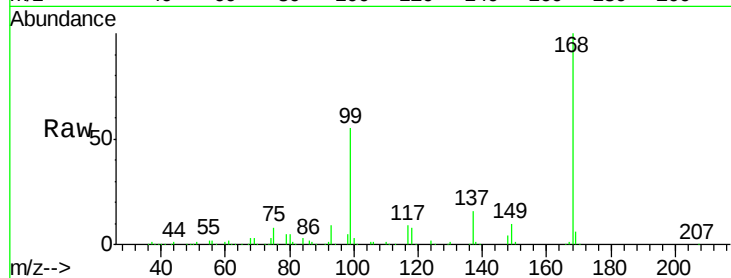
LOQ-WATER-02-QT4-2020

Tot Ion:168 Resp: 239169

Ion Ratio Lower Upper

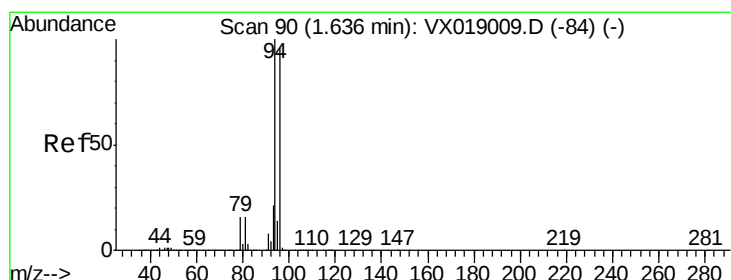
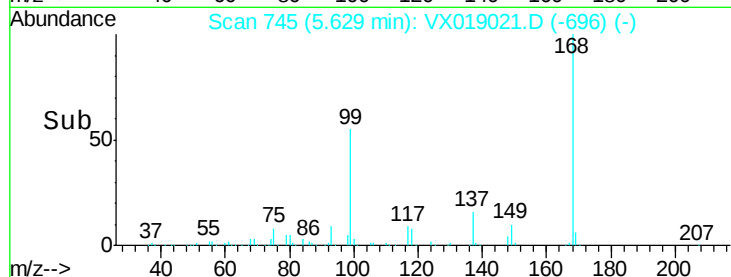
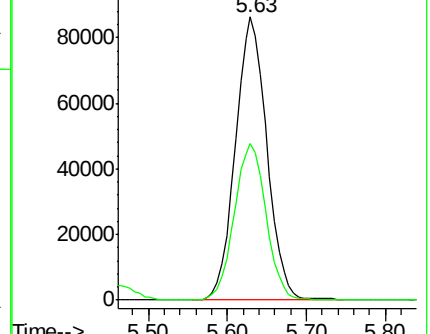
168 100

99 55.3 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 5.705 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019021.D

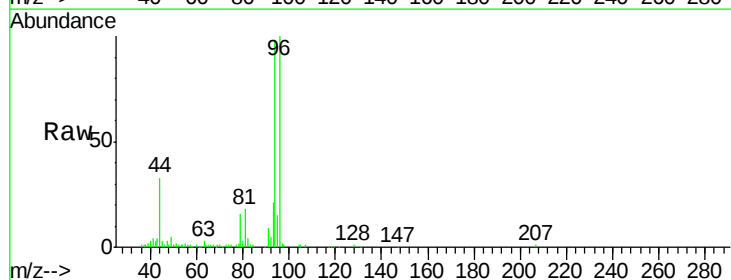
Acq: 22 Oct 2020 13:00

Tgt Ion: 94 Resp: 16276

Ion Ratio Lower Upper

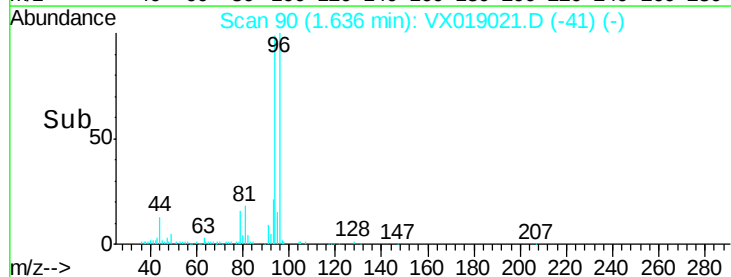
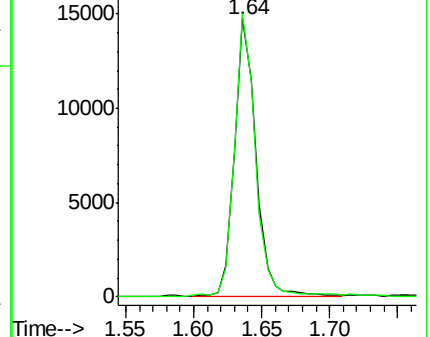
94 100

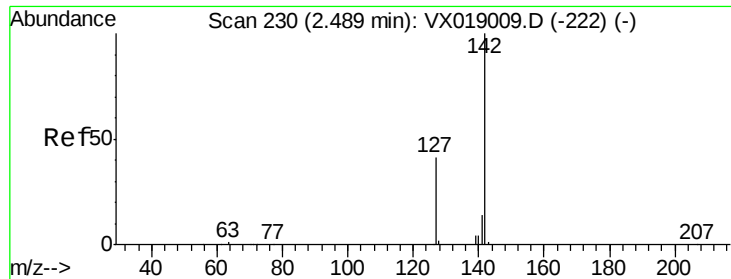
96 101.2 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

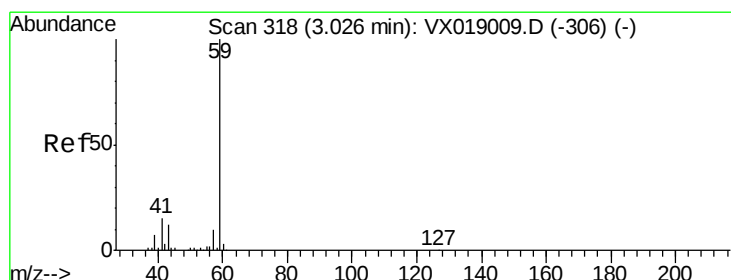
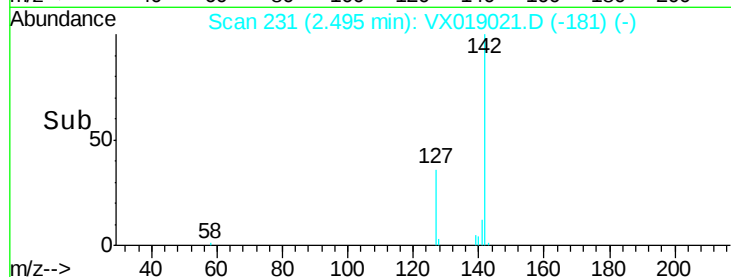
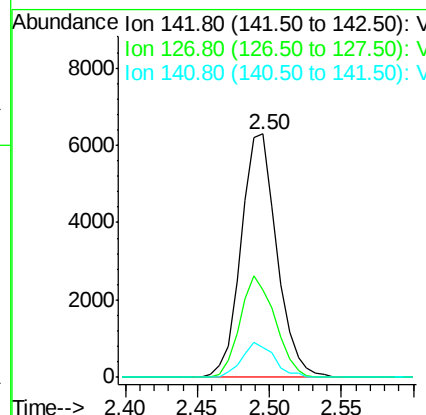
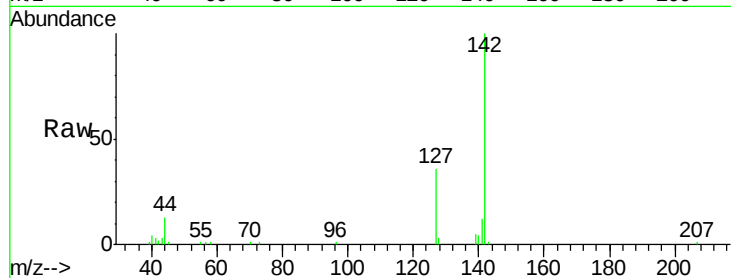




#10
Methyl Iodide
Concen: 3.847 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019021.D
Acq: 22 Oct 2020 13:00

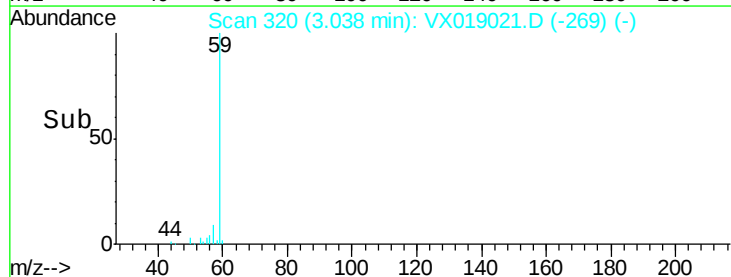
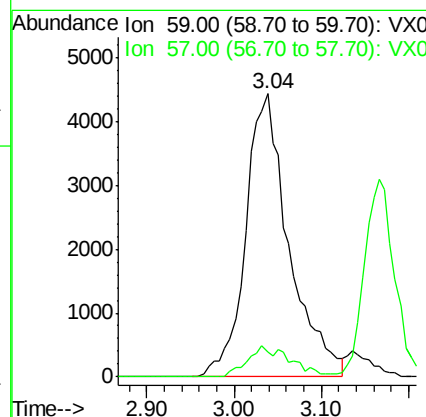
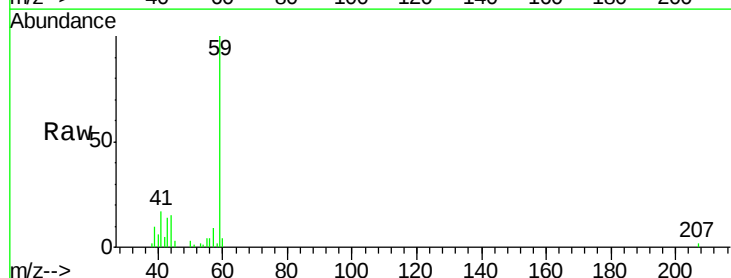
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

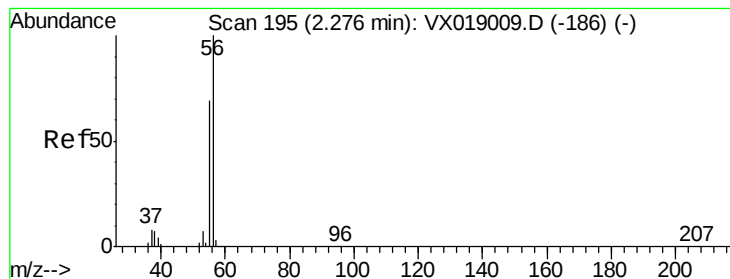
Tot Ion:142 Resp: 10853
Ion Ratio Lower Upper
142 100
127 40.9 33.6 50.4
141 13.0 11.2 16.8



#11
Tert butyl alcohol
Concen: 26.238 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX019021.D
Acq: 22 Oct 2020 13:00

Tgt Ion: 59 Resp: 15224
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.2#





#13

Acrolein

Concen: 28.823 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

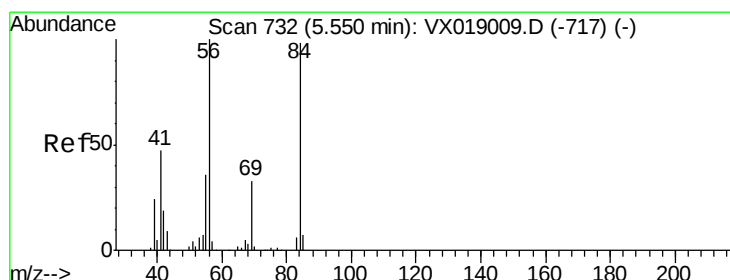
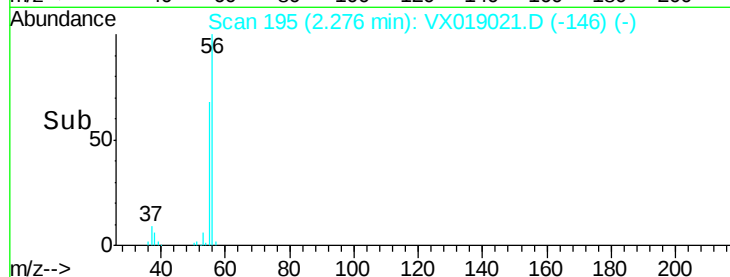
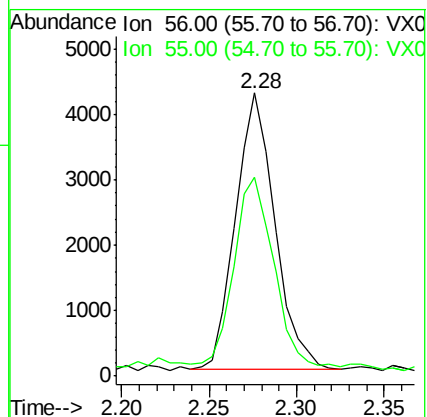
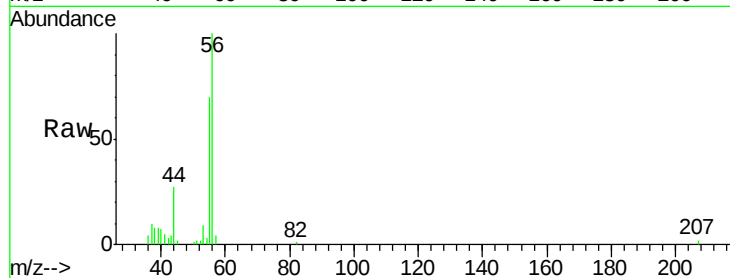
LOQ-WATER-02-QT4-2020

Tot Ion: 56 Resp: 6626

Ion Ratio Lower Upper

56 100

55 68.2 54.2 81.4



#31

Cyclohexane

Concen: 4.917 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

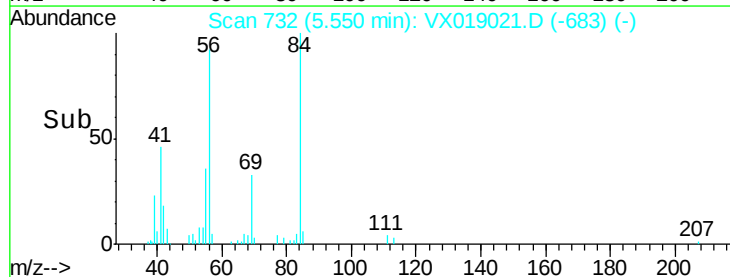
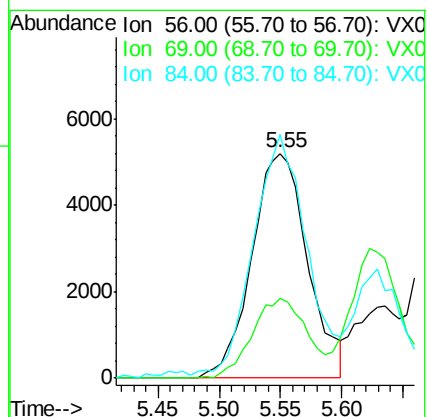
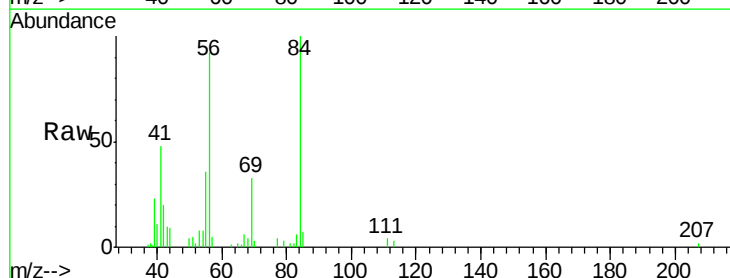
Tgt Ion: 56 Resp: 16496

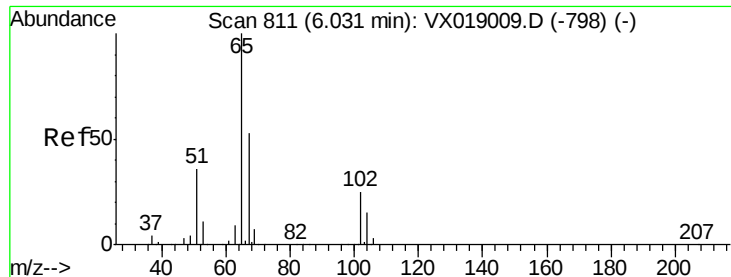
Ion Ratio Lower Upper

56 100

69 35.4 26.2 39.2

84 106.7 78.3 117.5





#33

1,2-Dichloroethane-d4

Concen: 49.195 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

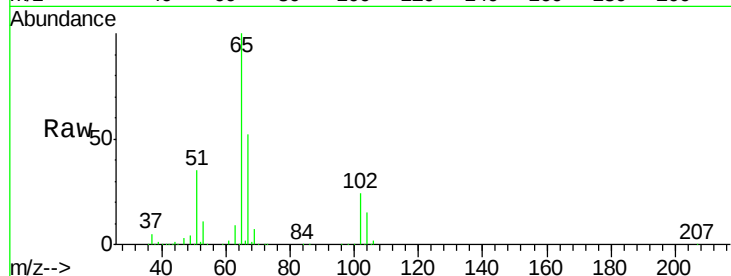
LOQ-WATER-02-QT4-2020

Tot Ion: 65 Resp: 140937

Ion Ratio Lower Upper

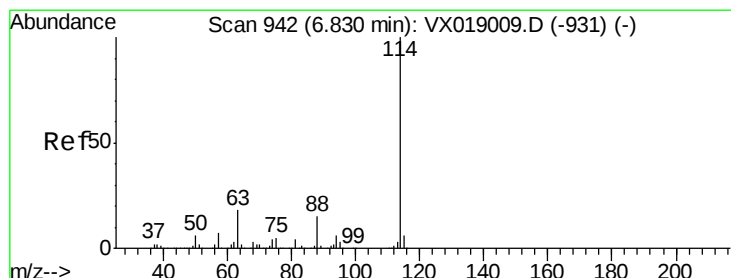
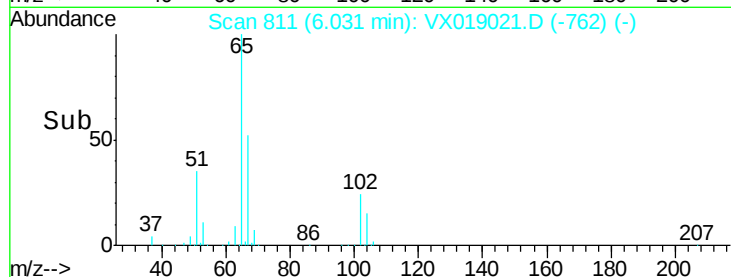
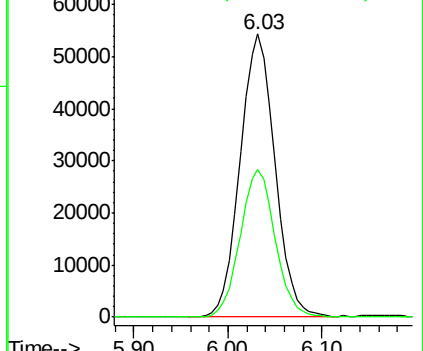
65 100

67 52.4 0.0 107.0



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: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

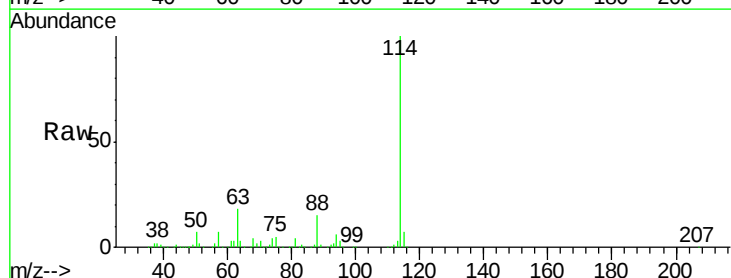
Tgt Ion: 114 Resp: 399647

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

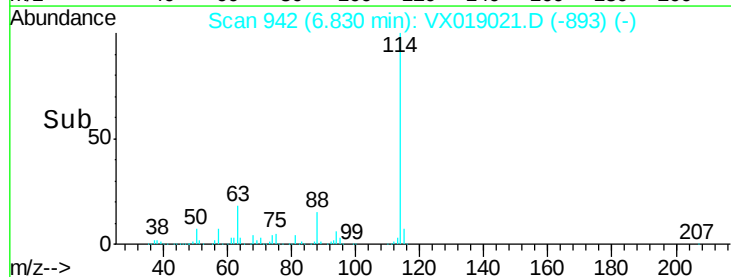
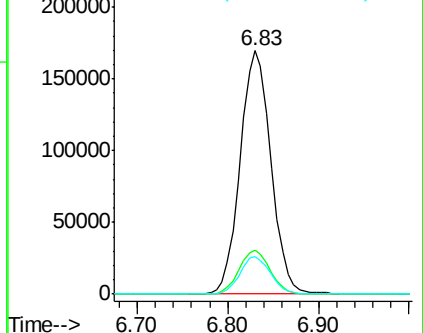
88 15.5 0.0 30.2

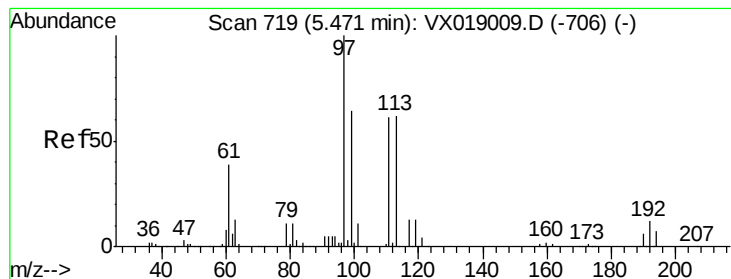


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.182 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

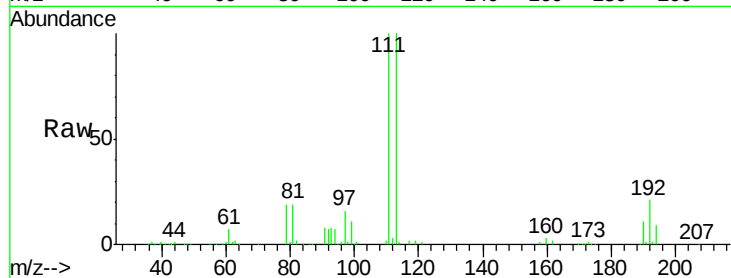
Tot Ion:113 Resp: 119384

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

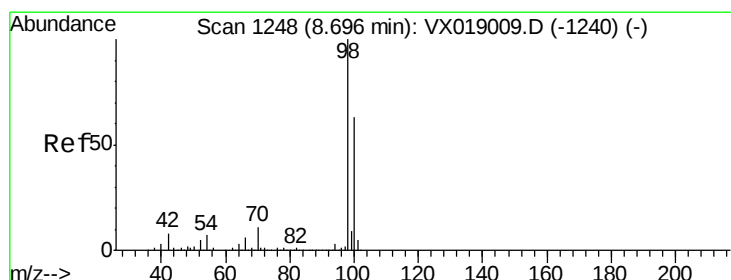
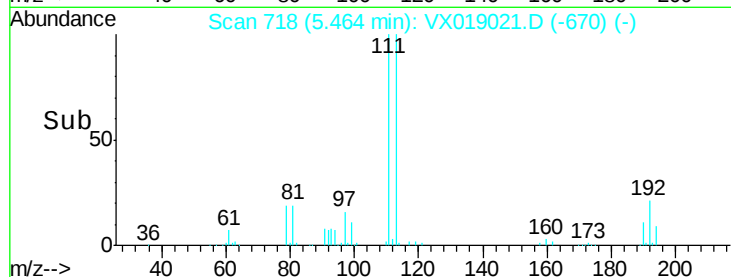
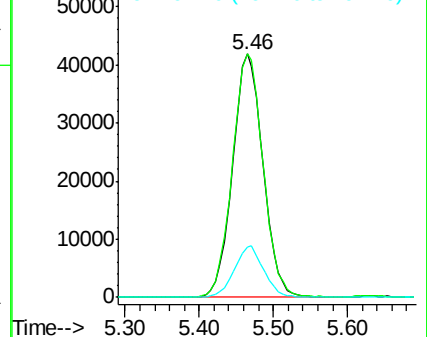
192 20.4 16.3 24.5



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



#50

Toluene-d8

Concen: 47.842 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019021.D

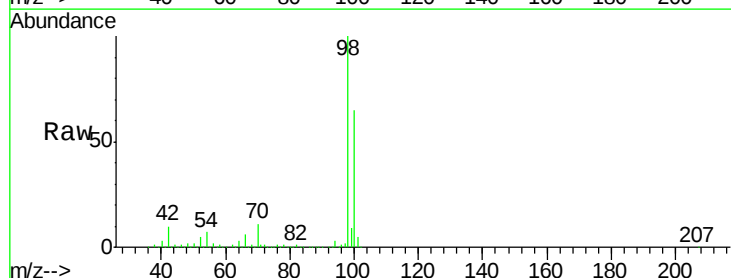
Acq: 22 Oct 2020 13:00

Tgt Ion: 98 Resp: 461943

Ion Ratio Lower Upper

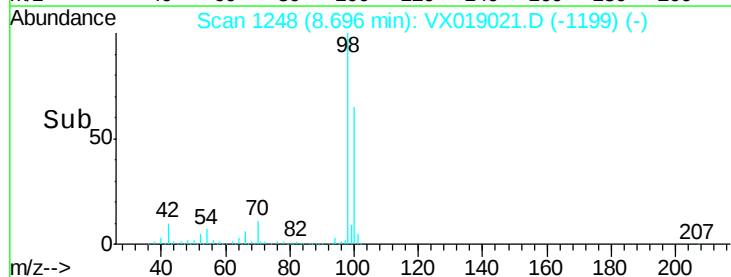
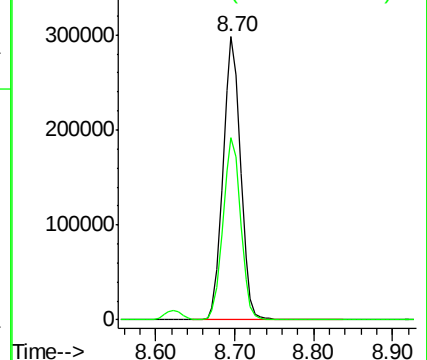
98 100

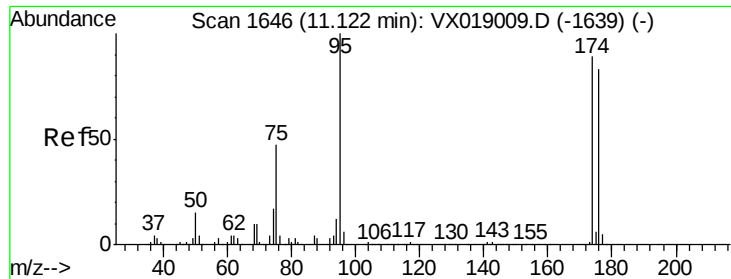
100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

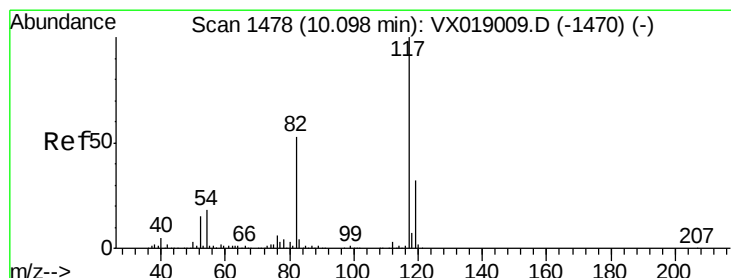
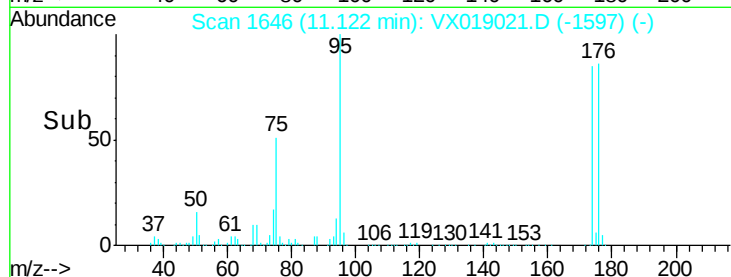
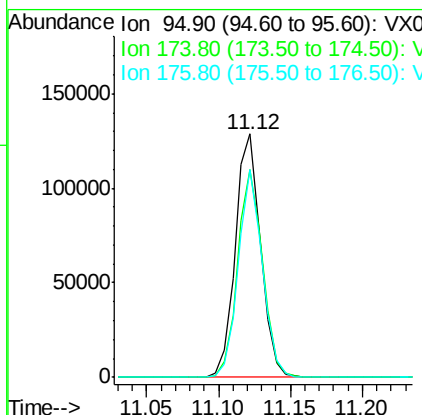
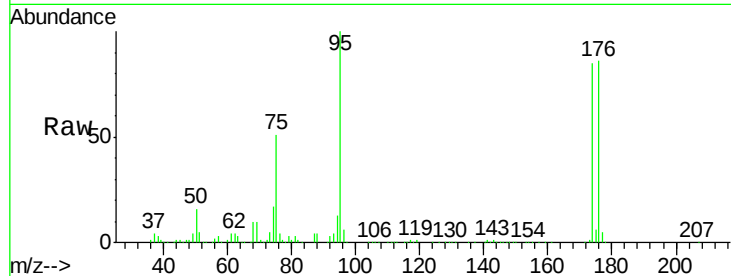




#62
4-Bromofluorobenzene
Concen: 45.914 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019021.D
Acq: 22 Oct 2020 13:00

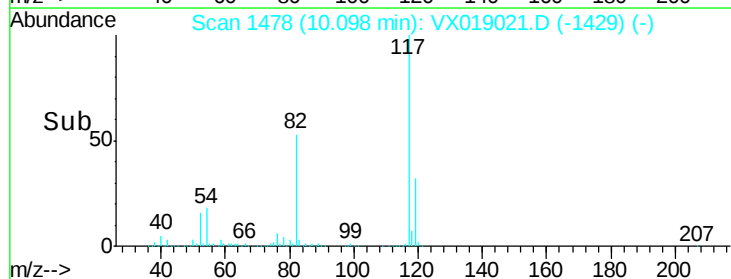
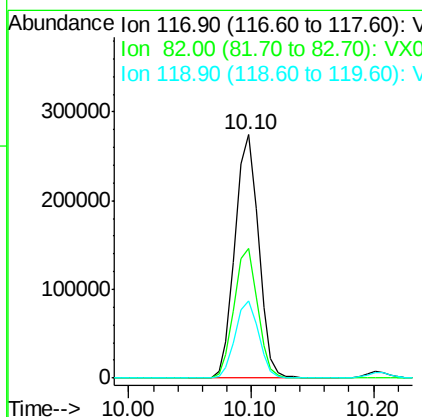
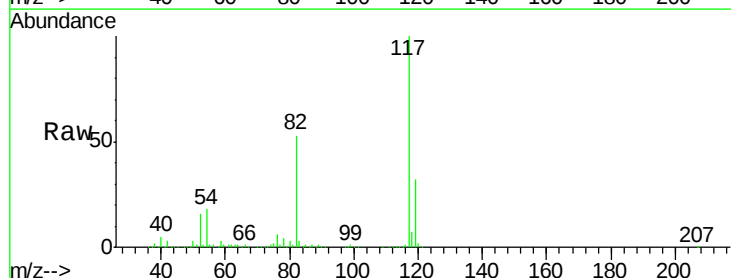
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2020

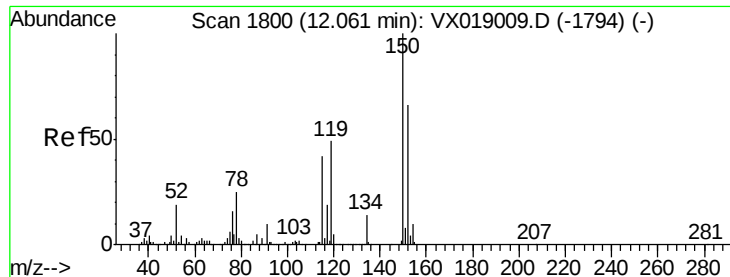
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	167.6
176	80.9	0.0	165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019021.D
Acq: 22 Oct 2020 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.4	63.6
119	31.5	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2020

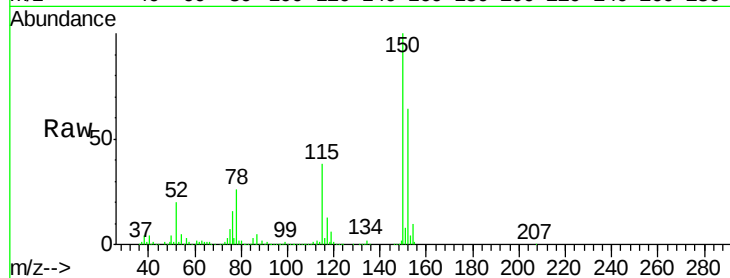
Tot Ion:152 Resp: 178076

Ion Ratio Lower Upper

152 100

115 59.8 40.8 122.5

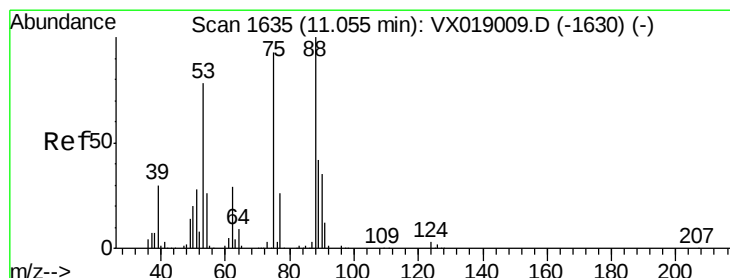
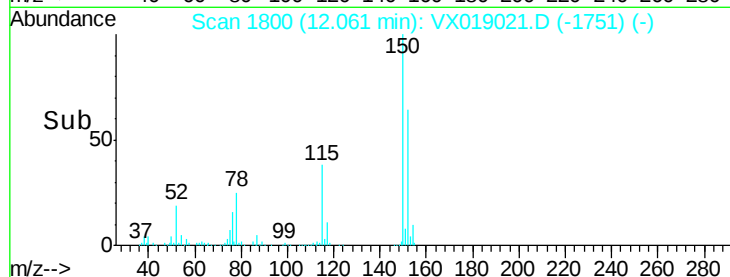
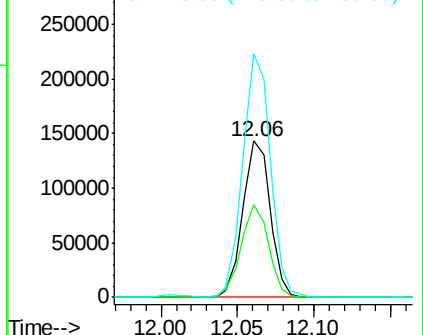
150 157.7 0.0 345.6



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



#81

trans-1,4-Dichloro-2-butene

Concen: 4.417 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019021.D

Acq: 22 Oct 2020 13:00

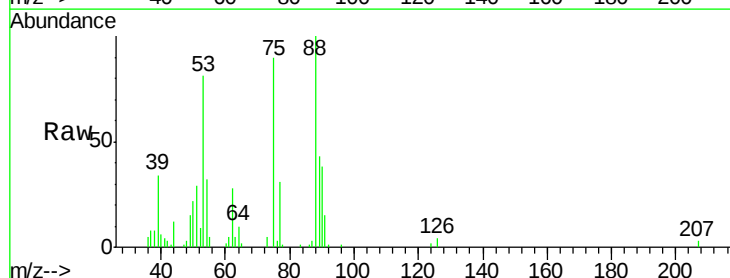
Tgt Ion: 75 Resp: 6171

Ion Ratio Lower Upper

75 100

53 91.1 67.4 101.2

89 50.3 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

