

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041320\
 Data File : VX015650.D
 Acq On : 13 Apr 2020 18:19
 Operator : JC/SP
 Sample : L2239-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-S1GW-200407

Quant Time: Apr 14 01:46:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

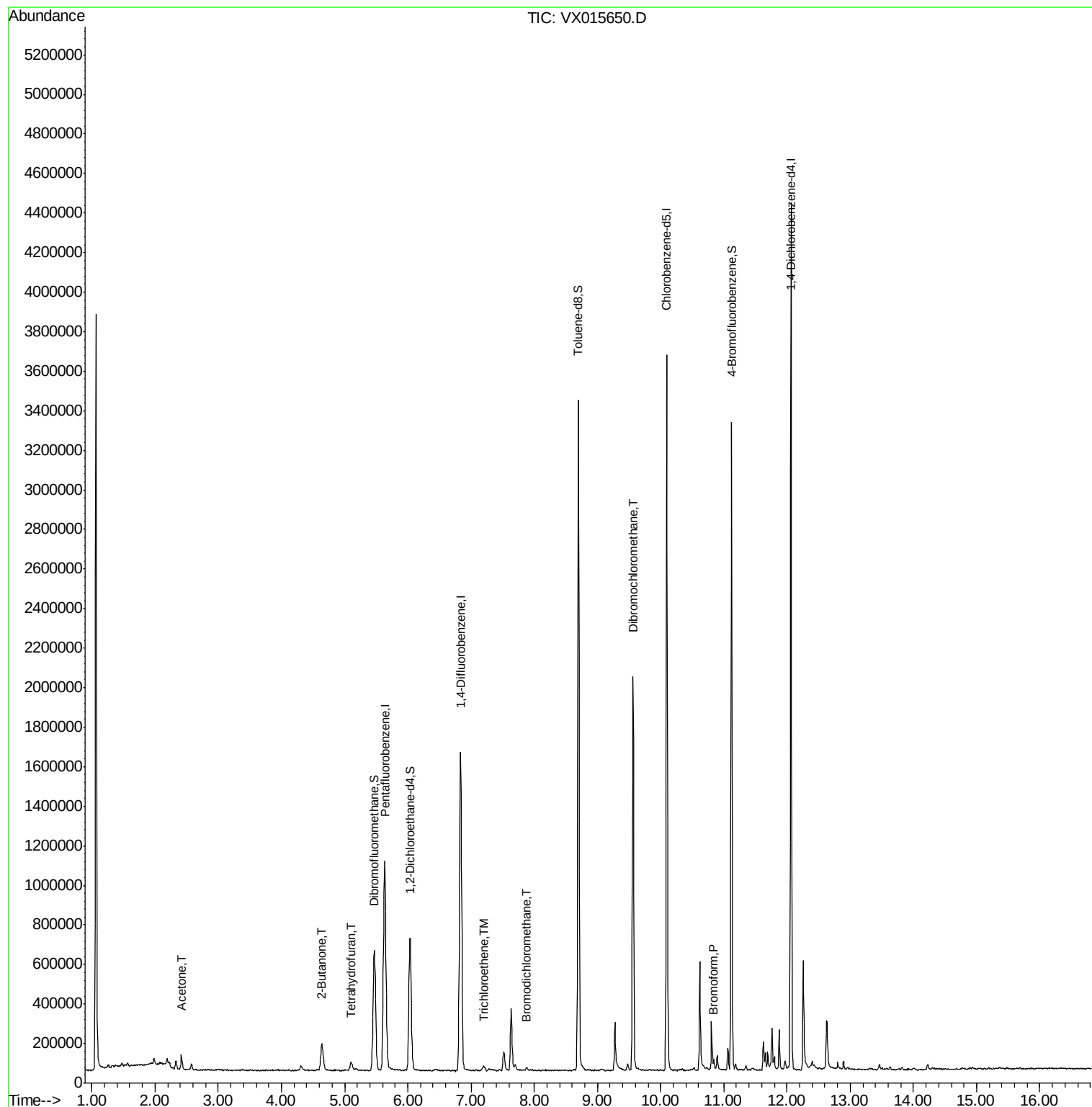
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1054206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1659860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1593518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	912760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	671473	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
35) Dibromofluoromethane	5.47	113	504969	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	8.70	98	1989728	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.12	95	853141	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
Target Compounds						
16) Acetone	2.42	43	84237	13.187	ug/l	97
25) 2-Butanone	4.64	43	253272	24.654	ug/l	99
29) Tetrahydrofuran	5.10	42	48097	7.283	ug/l	96
44) Trichloroethene	7.20	130	8010	0.656	ug/l	87
47) Bromodichloromethane	7.87	83	12588	0.735	ug/l #	88
60) Dibromochloromethane	9.57	129	20041	1.474	ug/l	97
71) Bromoform	10.84	173	18452	1.597	ug/l #	96

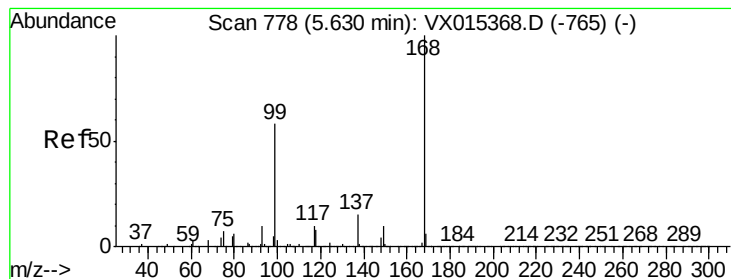
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041320\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

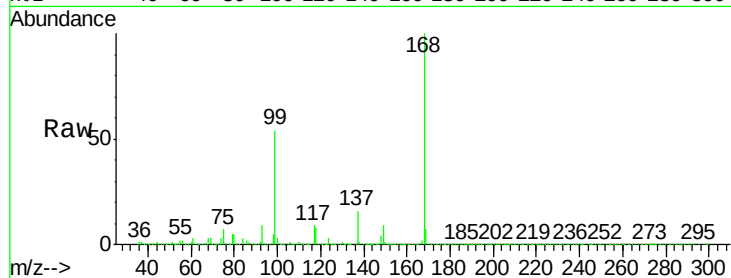
Z5-S1GW-200407

Tot Ion:168 Resp: 1054206

Ion Ratio Lower Upper

168 100

99 54.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

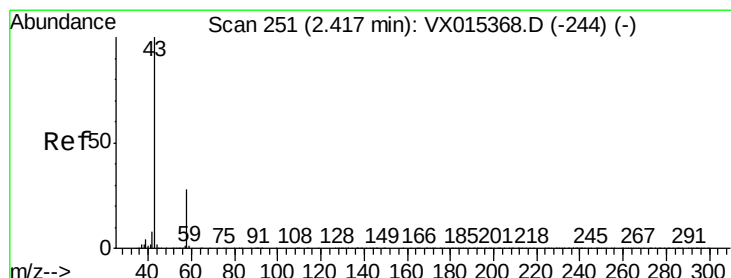
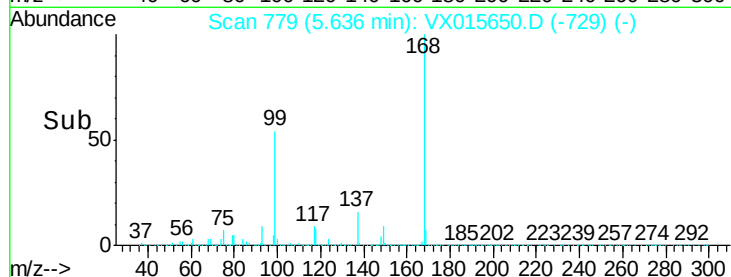
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.187 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015650.D

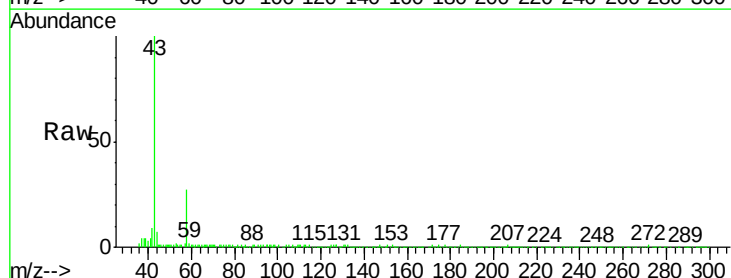
Acq: 13 Apr 2020 18:19

Tgt Ion: 43 Resp: 84237

Ion Ratio Lower Upper

43 100

58 26.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

60000

50000

40000

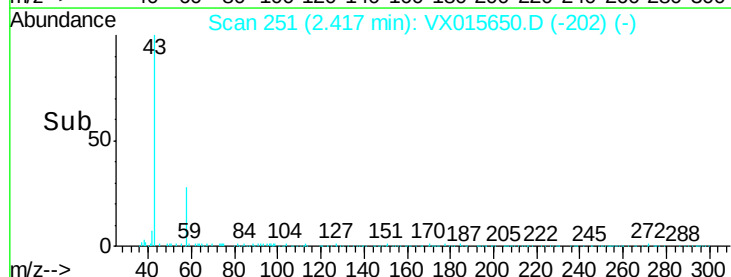
30000

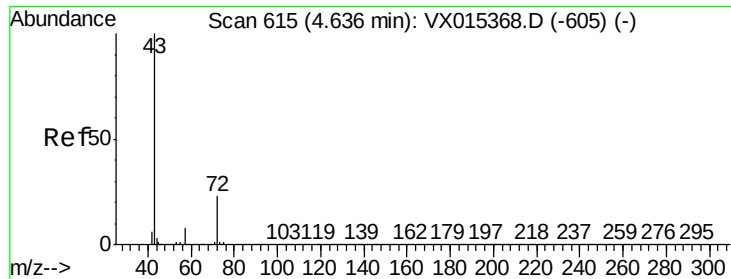
20000

10000

0

Time-->





#25

2-Butanone

Concen: 24.654 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

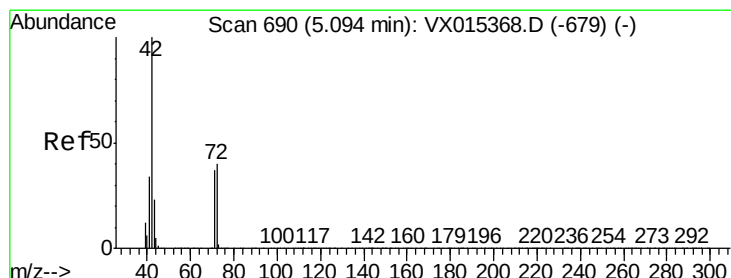
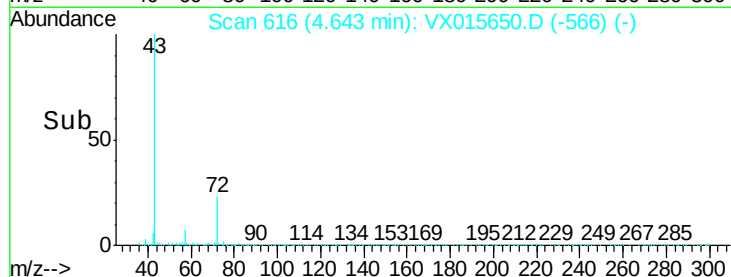
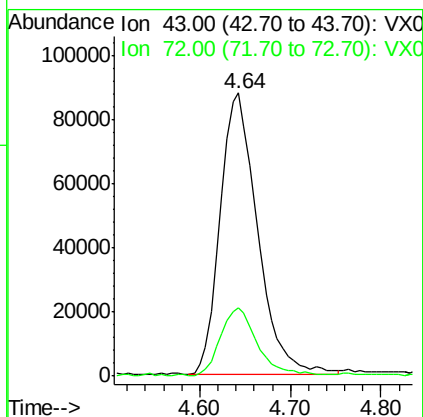
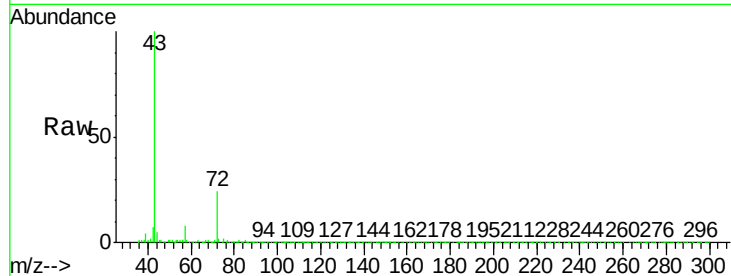
Z5-S1GW-200407

Tot Ion: 43 Resp: 253272

Ion Ratio Lower Upper

43 100

72 24.3 19.0 28.4



#29

Tetrahydrofuran

Concen: 7.283 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

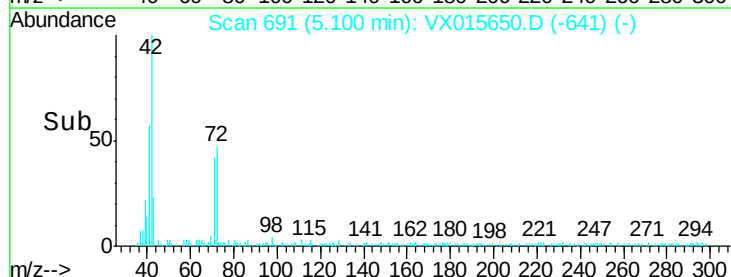
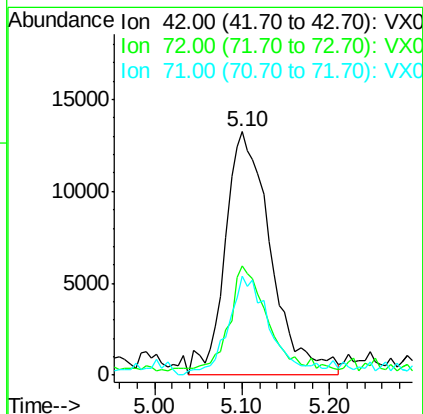
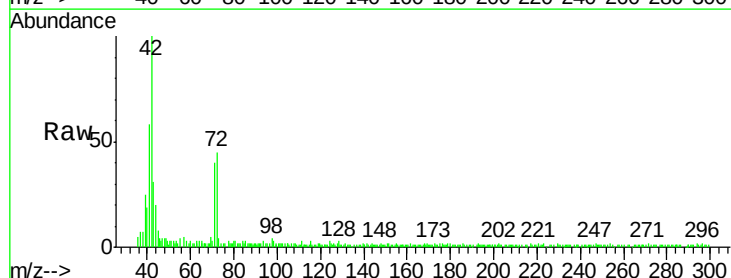
Tgt Ion: 42 Resp: 48097

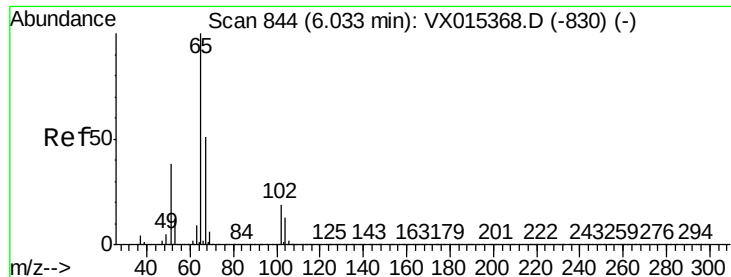
Ion Ratio Lower Upper

42 100

72 35.8 31.7 47.5

71 36.2 29.6 44.4





#33

1,2-Dichloroethane-d4

Concen: 45.161 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

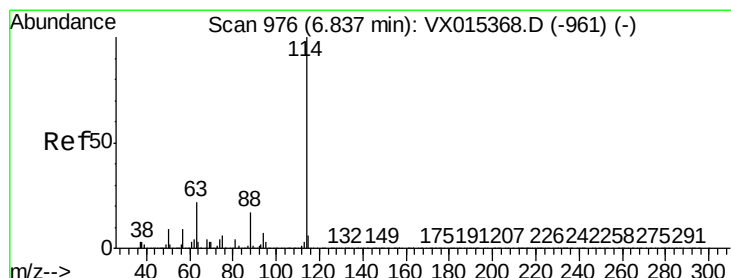
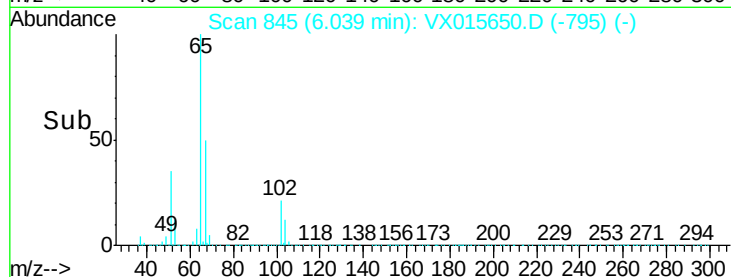
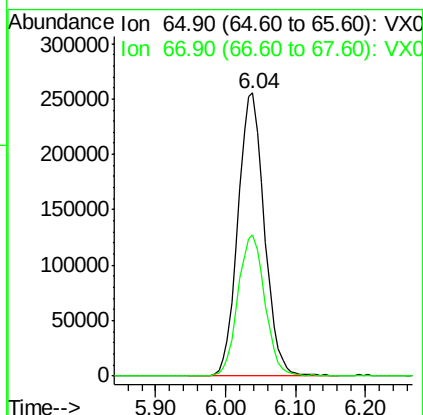
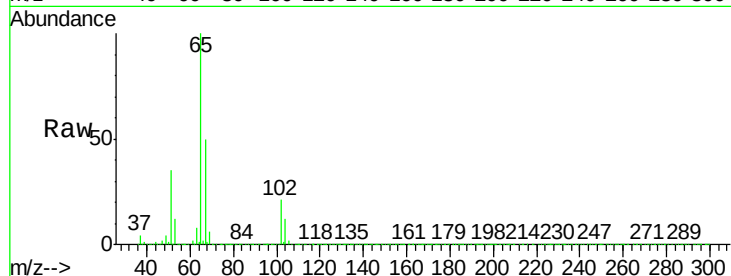
Z5-S1GW-200407

Tot Ion: 65 Resp: 671473

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

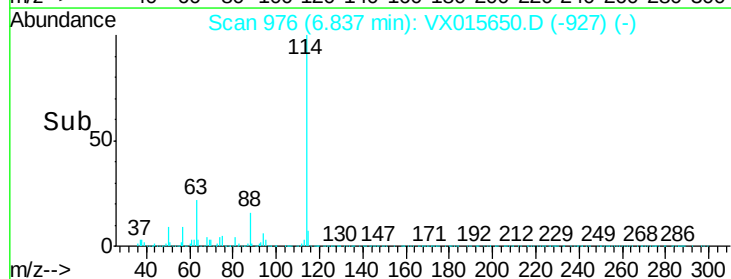
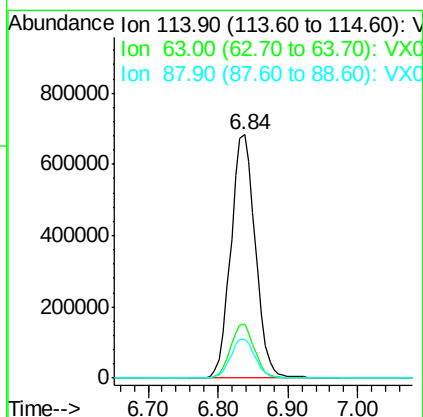
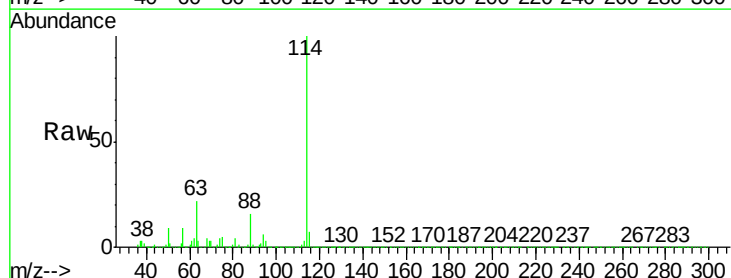
Tgt Ion: 114 Resp: 1659860

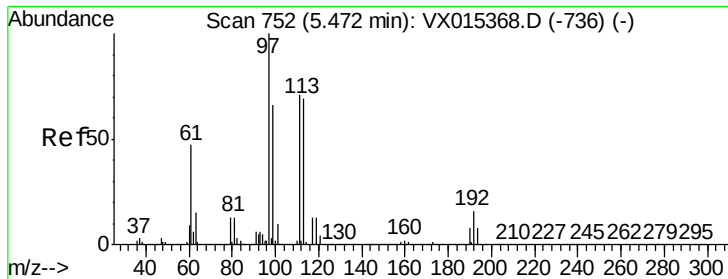
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.2

88 16.1 0.0 33.8

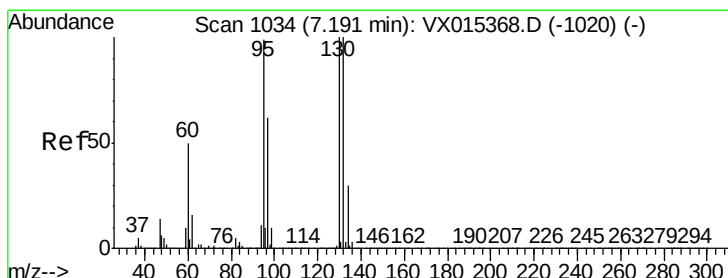
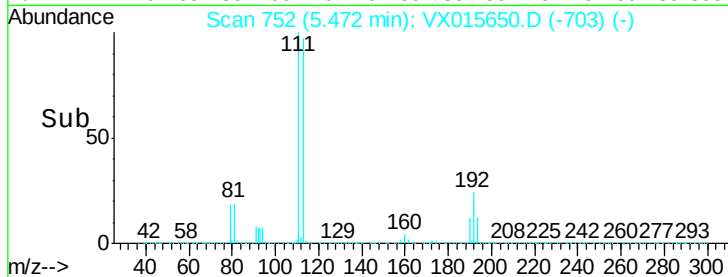
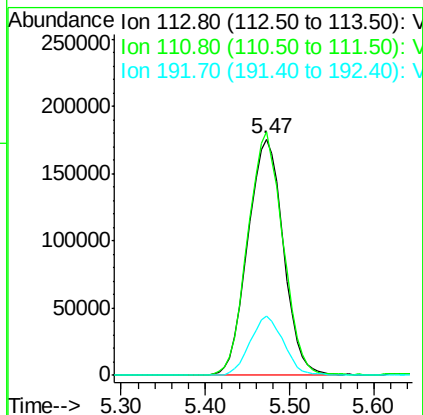
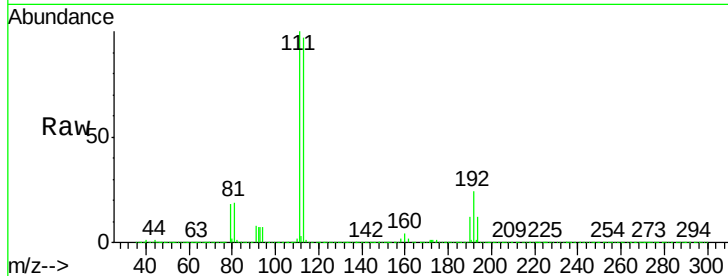




#35
Dibromofluoromethane
Concen: 47.592 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015650.D
Acq: 13 Apr 2020 18:19

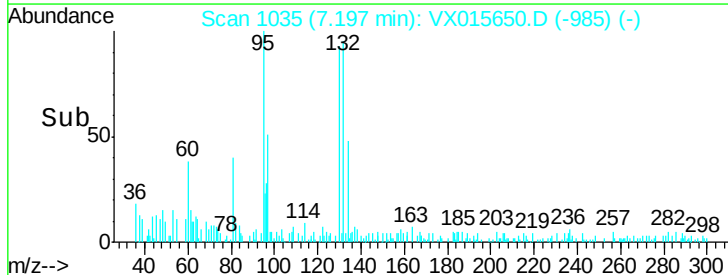
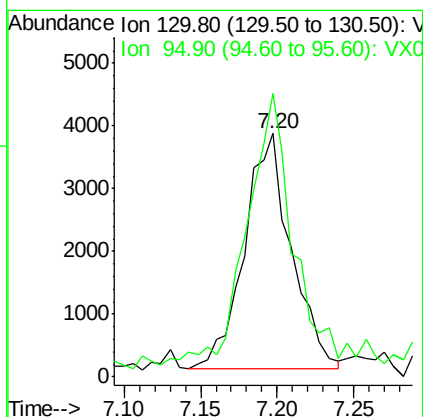
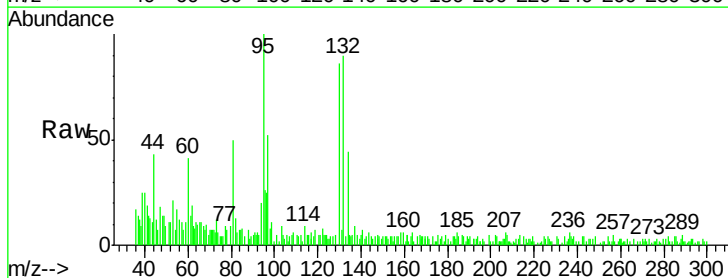
Instrument :
MSVOA_X
ClientSampleId :
Z5-S1GW-200407

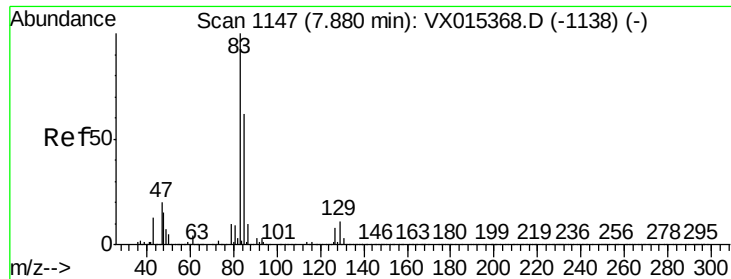
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	24.0	17.8	26.6



#44
Trichloroethene
Concen: 0.656 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX015650.D
Acq: 13 Apr 2020 18:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	112.4	0.0	199.0





#47

Bromodichloromethane

Concen: 0.735 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1GW-200407

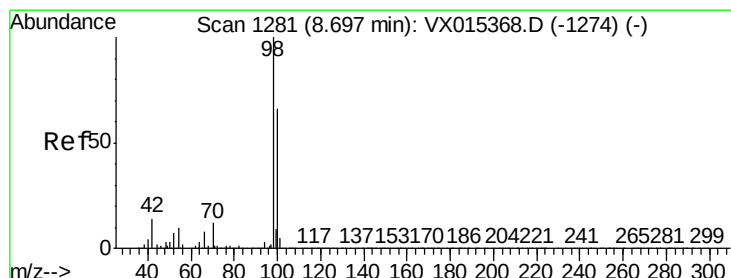
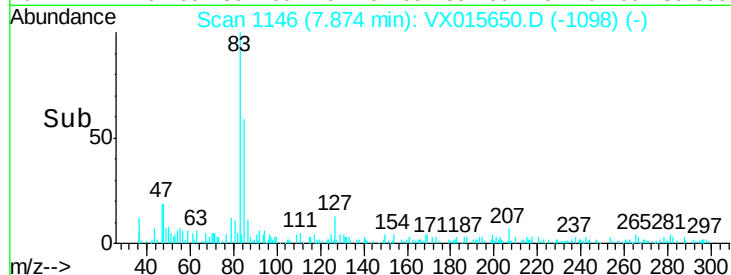
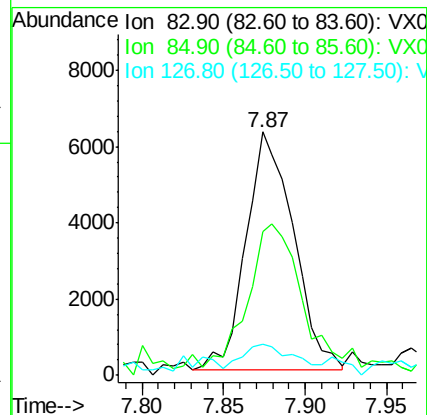
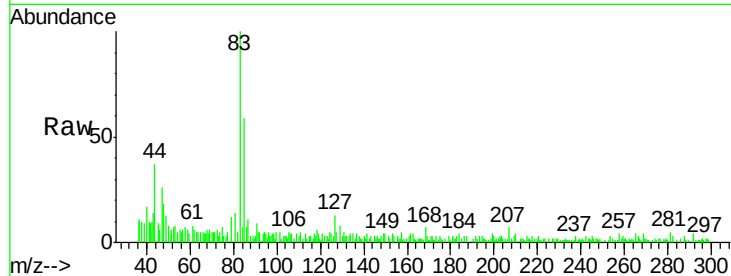
Tot Ion: 83 Resp: 12588

Ion Ratio Lower Upper

83 100

85 53.5 49.7 74.5

127 14.5 6.7 10.1#



#50

Toluene-d8

Concen: 50.935 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015650.D

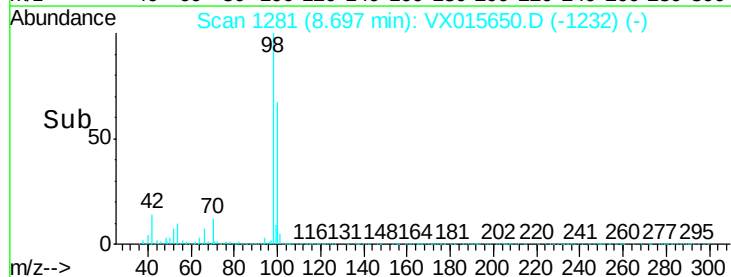
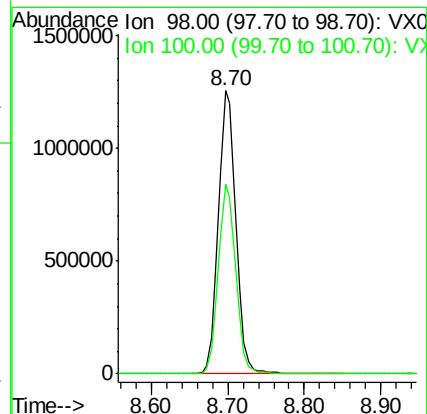
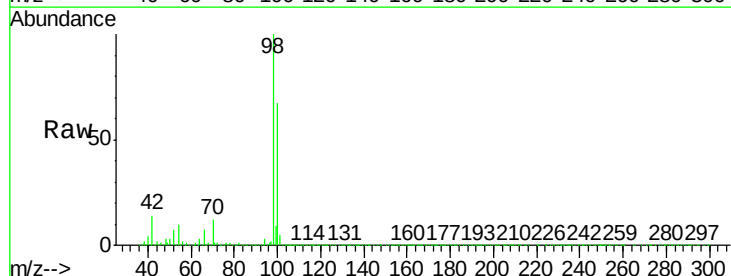
Acq: 13 Apr 2020 18:19

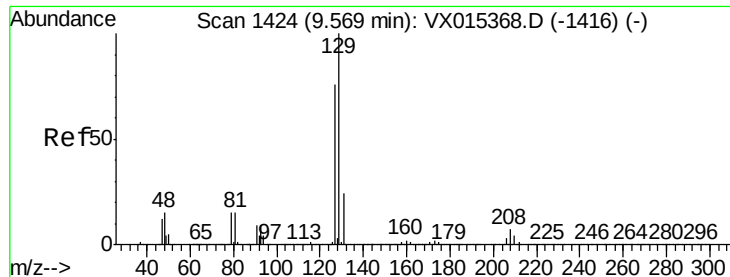
Tgt Ion: 98 Resp: 1989728

Ion Ratio Lower Upper

98 100

100 66.9 53.5 80.3





#60

Dibromochloromethane

Concen: 1.474 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

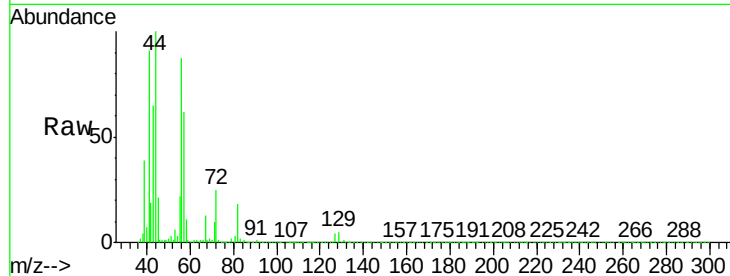
Z5-S1GW-200407

Tot Ion:129 Resp: 20041

Ion Ratio Lower Upper

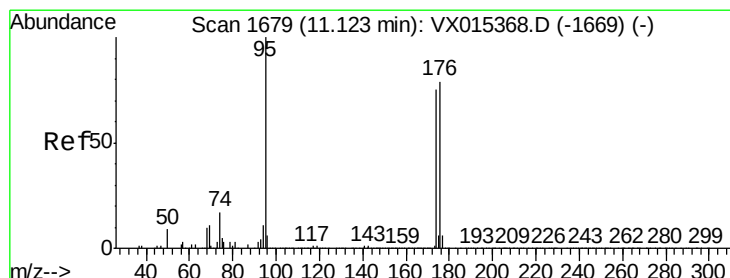
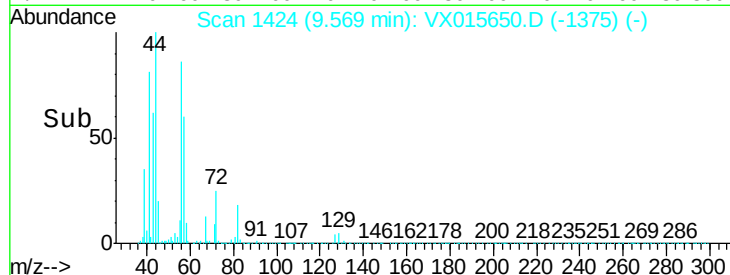
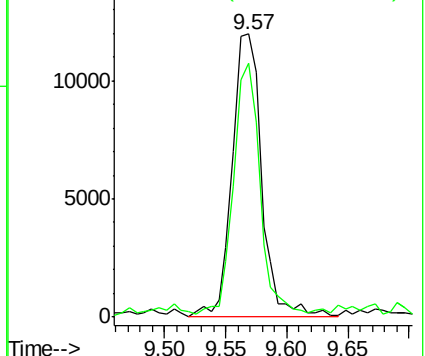
129 100

127 78.6 38.2 114.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 53.739 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

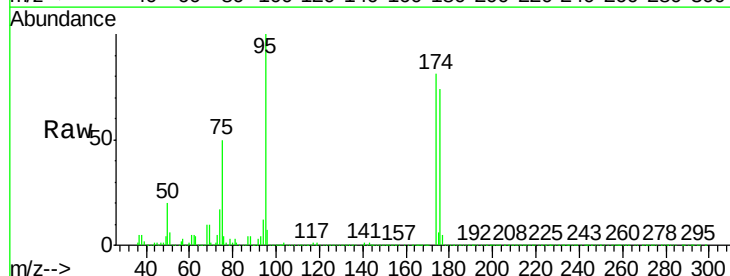
Tgt Ion: 95 Resp: 853141

Ion Ratio Lower Upper

95 100

174 82.8 0.0 158.6

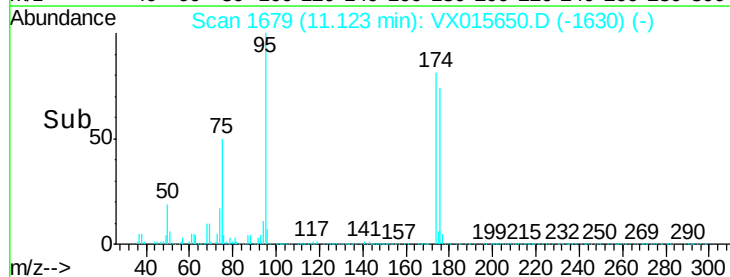
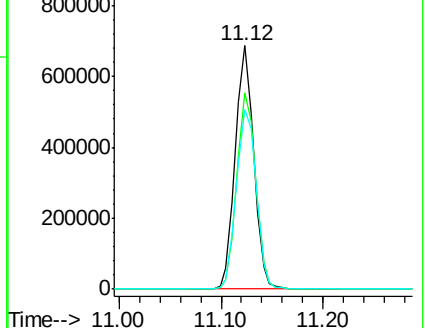
176 79.2 0.0 159.0

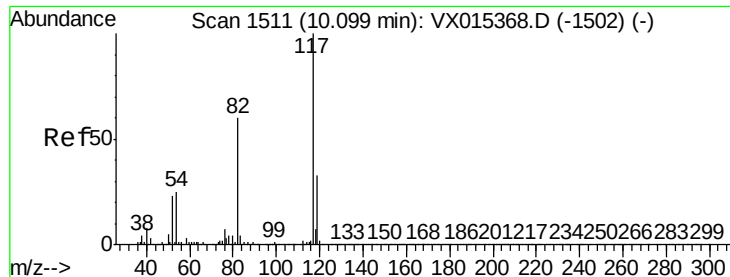


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

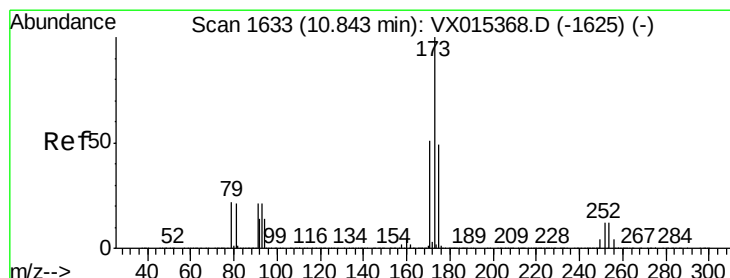
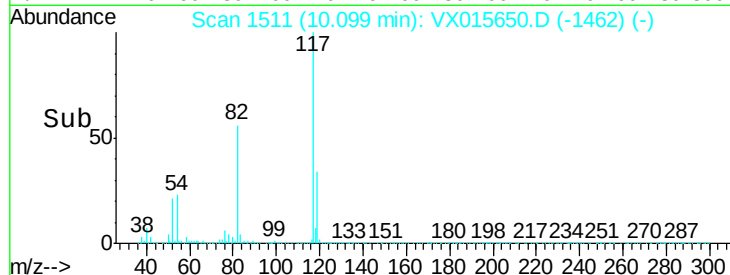
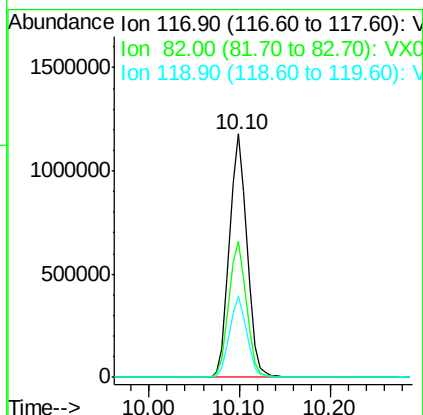
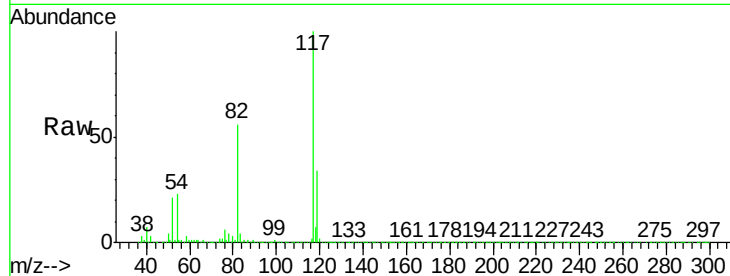




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015650.D
Acq: 13 Apr 2020 18:19

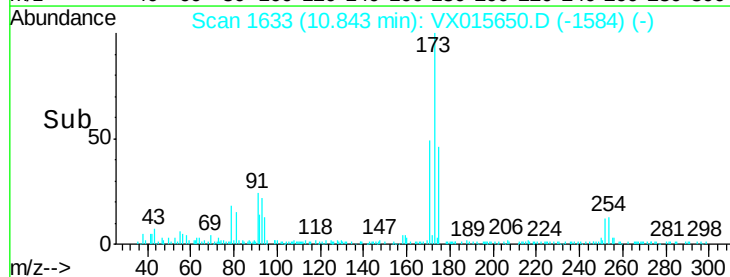
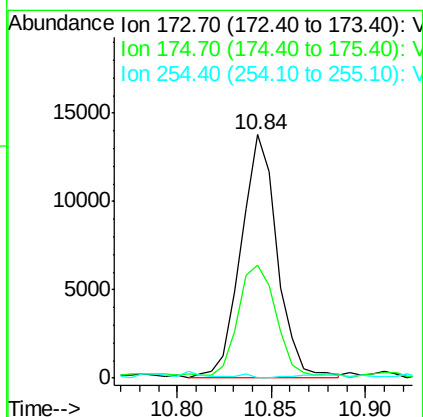
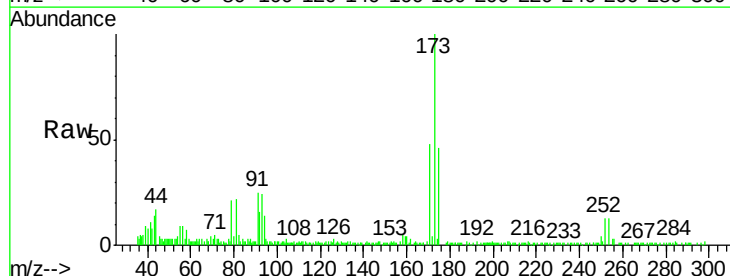
Instrument :
MSVOA_X
ClientSampleId :
Z5-S1GW-200407

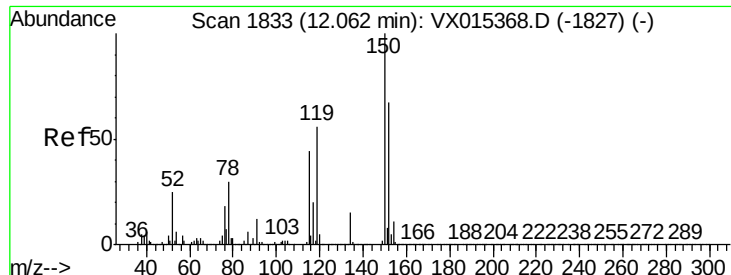
Tot Ion:117 Resp: 1593518
Ion Ratio Lower Upper
117 100
82 55.9 47.8 71.8
119 33.5 26.8 40.2



#71
Bromoform
Concen: 1.597 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015650.D
Acq: 13 Apr 2020 18:19

Tgt Ion:173 Resp: 18452
Ion Ratio Lower Upper
173 100
175 50.3 23.9 71.7
254 0.6 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015650.D

Acq: 13 Apr 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

Z5-S1GW-200407

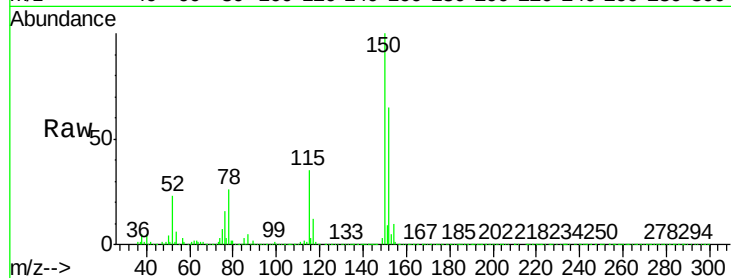
Tot Ion:152 Resp: 912760

Ion Ratio Lower Upper

152 100

115 55.4 39.0 116.9

150 151.7 0.0 340.8



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

