

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040220\
 Data File : VX015477.D
 Acq On : 02 Apr 2020 13:28
 Operator : JC/SP
 Sample : L2099-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 239-GW-02-12

Quant Time: Apr 03 08:35:42 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

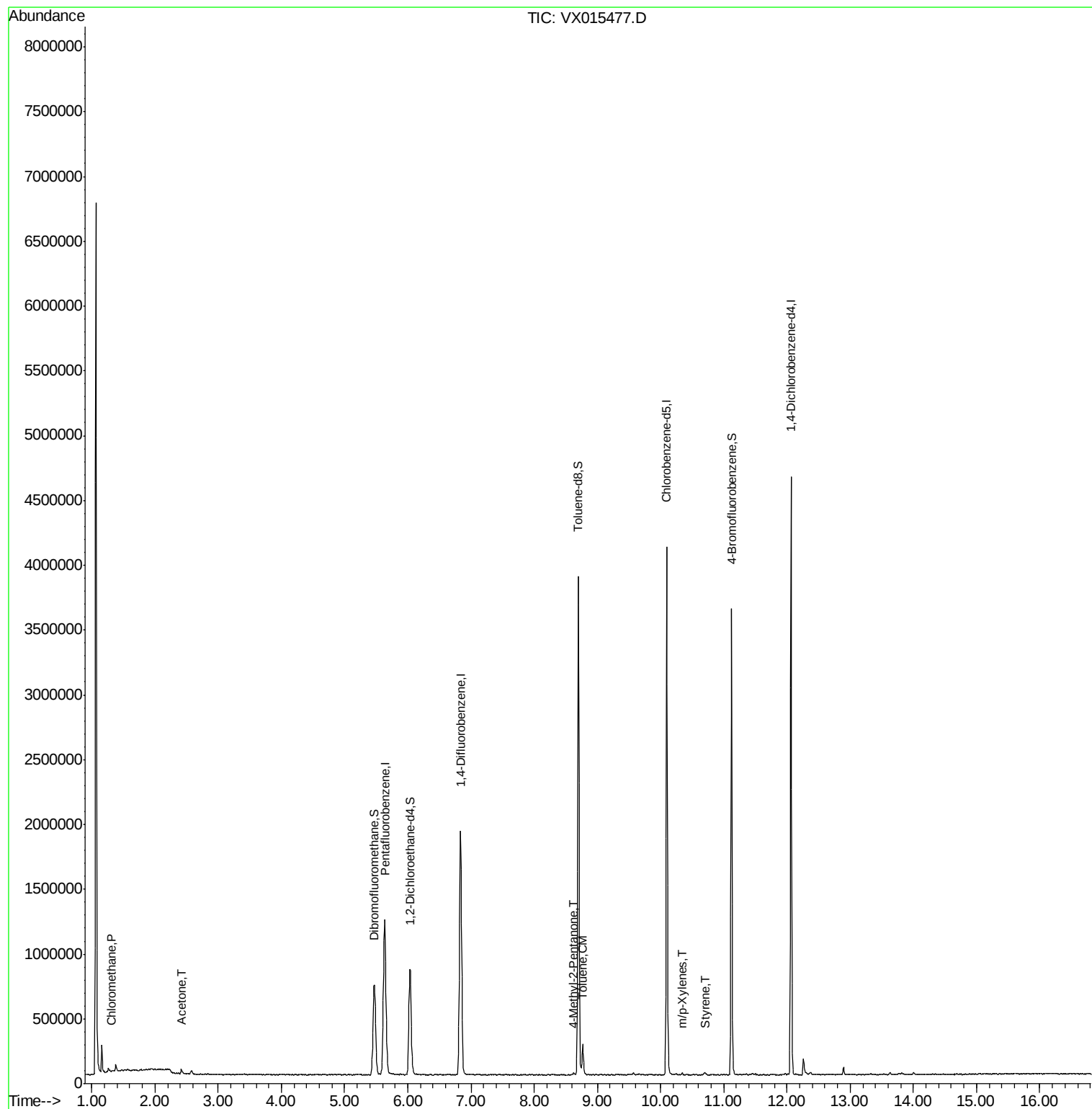
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1158827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1872953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1790128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	939455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	794674	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.47	113	595466	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	8.70	98	2261947	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	11.12	95	960965	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	6510	0.501	ug/l #	87
16) Acetone	2.42	43	37222	5.301	ug/l	94
51) 4-Methyl-2-Pentanone	8.63	43	11013	0.512	ug/l #	75
52) Toluene	8.77	92	83362	2.675	ug/l	95
68) m/p-Xylenes	10.34	106	5280	0.224	ug/l	80
70) Styrene	10.70	104	9273	0.226	ug/l	95

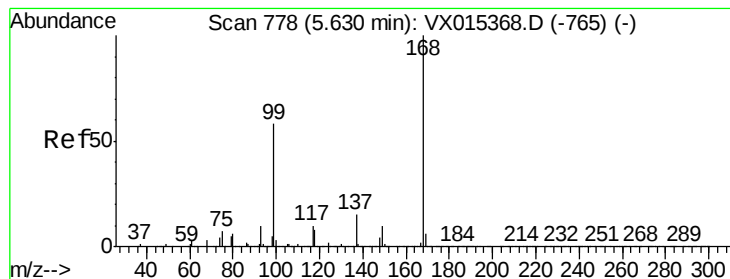
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
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: VX015477.D

Acq: 02 Apr 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

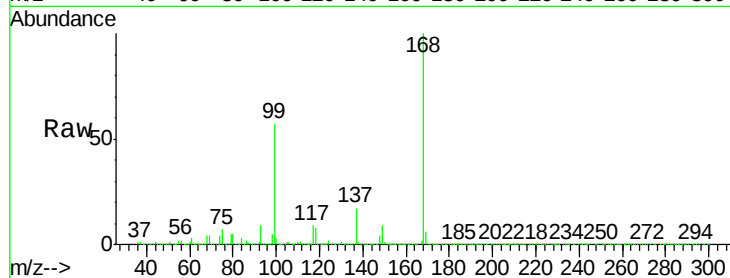
239-GW-02-12

Tot Ion:168 Resp: 1158827

Ion Ratio Lower Upper

168 100

99 56.8 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

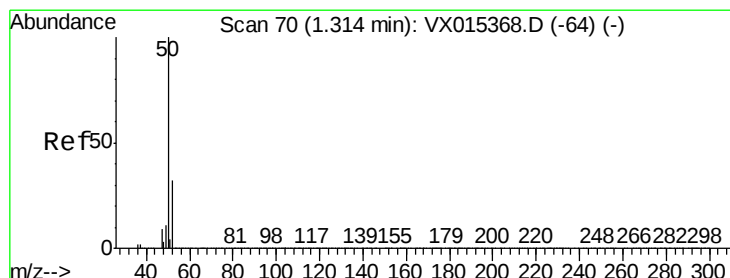
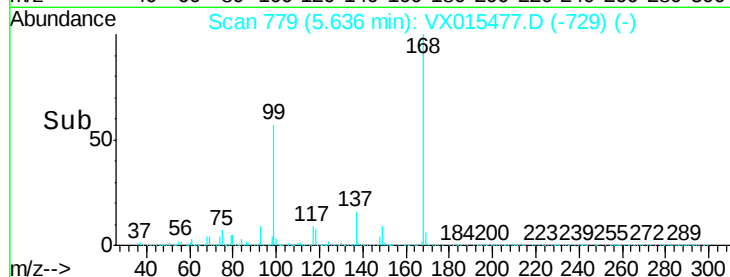
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.501 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015477.D

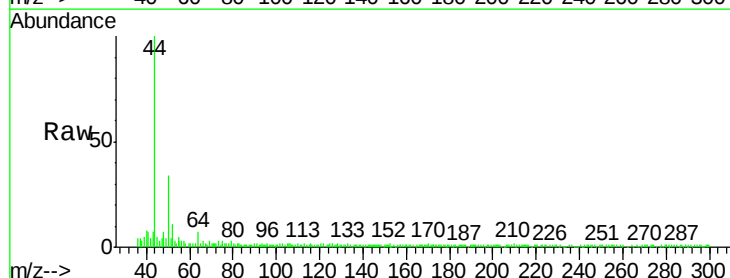
Acq: 02 Apr 2020 13:28

Tgt Ion: 50 Resp: 6510

Ion Ratio Lower Upper

50 100

52 24.5 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

8000

6000

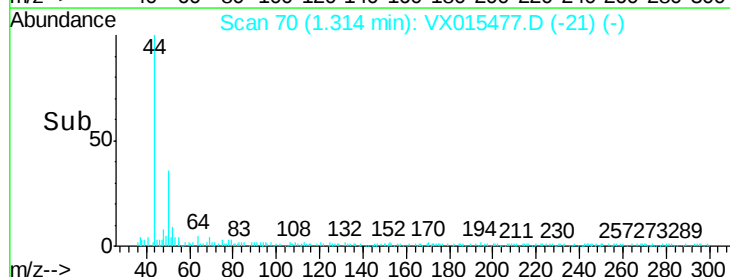
4000

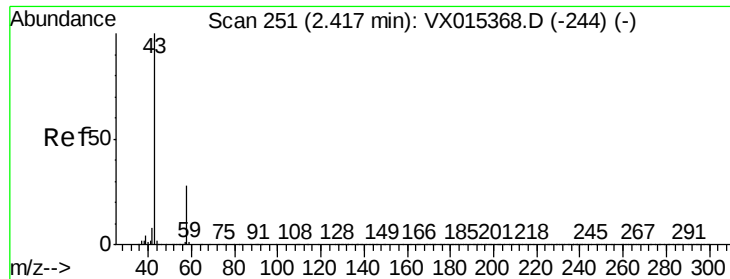
2000

0

Time-->

1.30 1.35

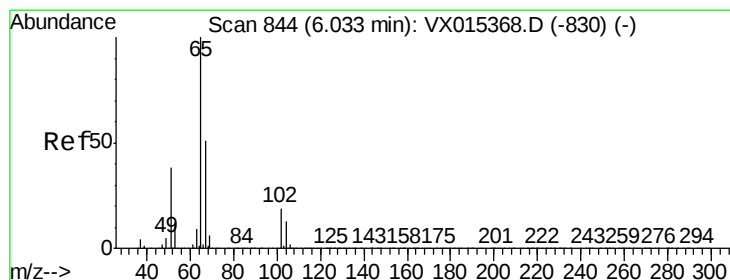
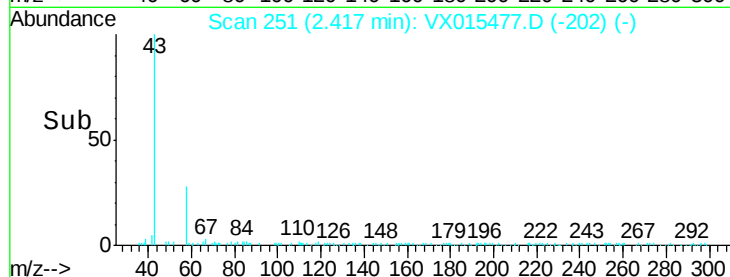
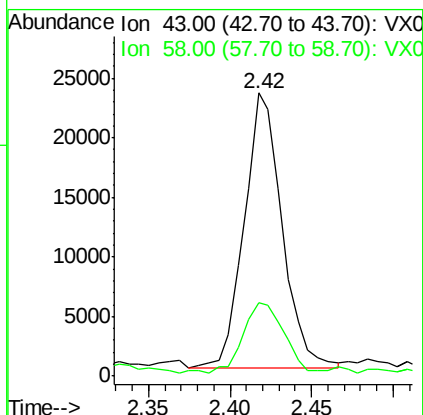
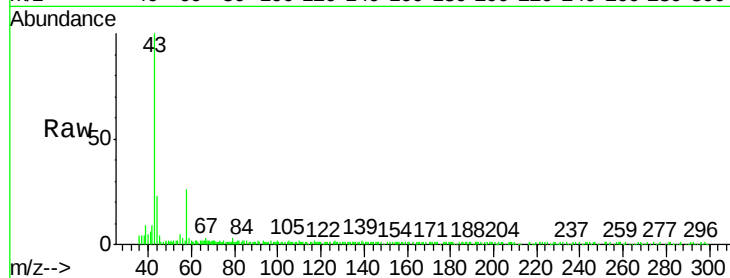




#16
Acetone
Concen: 5.301 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

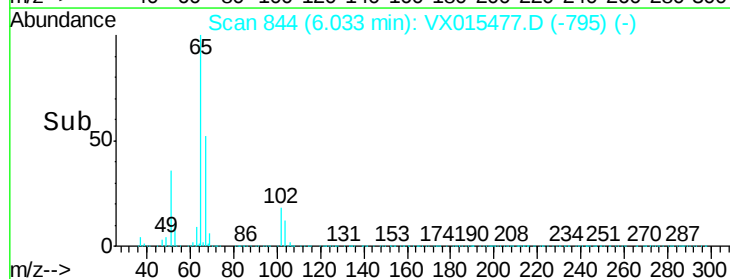
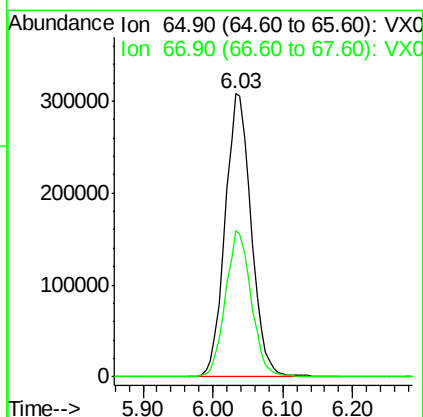
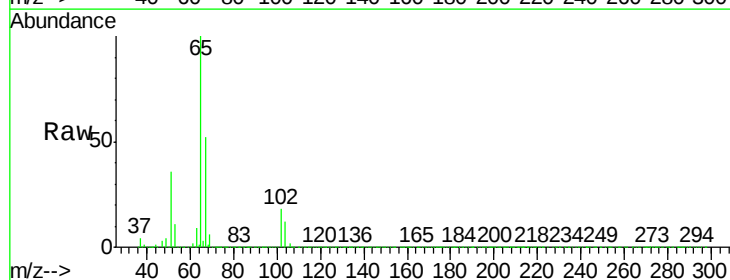
Instrument :
MSVOA_X
ClientSampleId :
239-GW-02-12

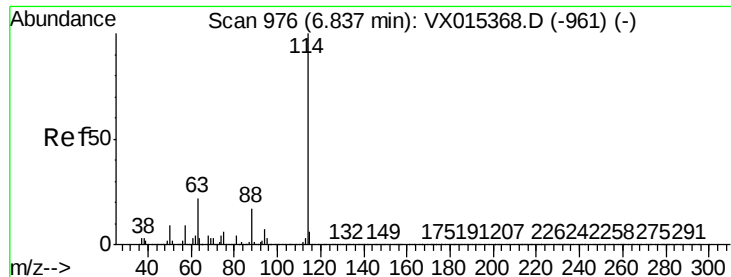
Tot Ion: 43 Resp: 37222
Ion Ratio Lower Upper
43 100
58 24.6 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 48.622 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

Tgt Ion: 65 Resp: 794674
Ion Ratio Lower Upper
65 100
67 50.8 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: VX015477.D

Acq: 02 Apr 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

239-GW-02-12

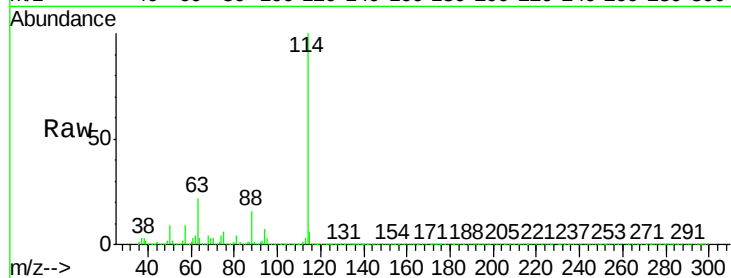
Tot Ion:114 Resp: 1872953

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

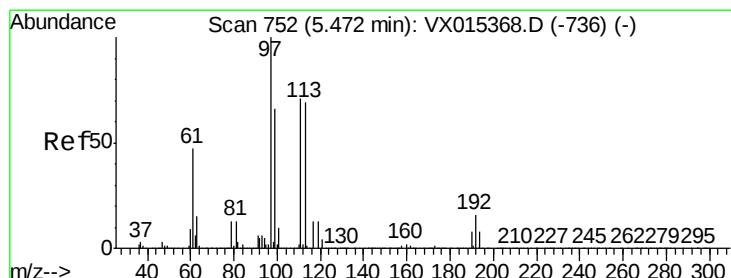
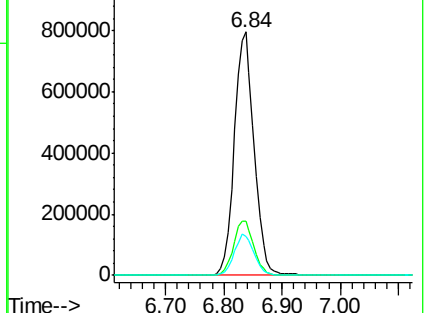
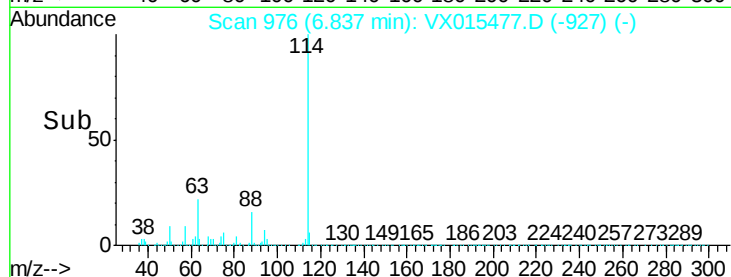
88 16.0 0.0 33.8



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: 49.736 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015477.D

Acq: 02 Apr 2020 13:28

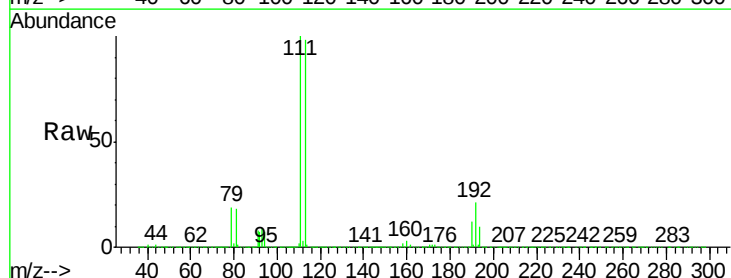
Tgt Ion:113 Resp: 595466

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

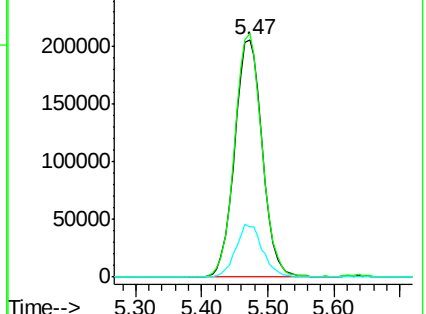
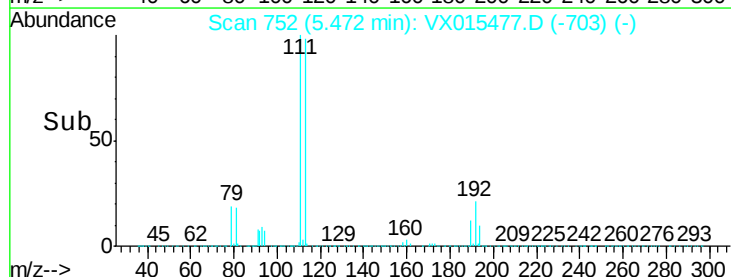
192 21.5 17.8 26.6

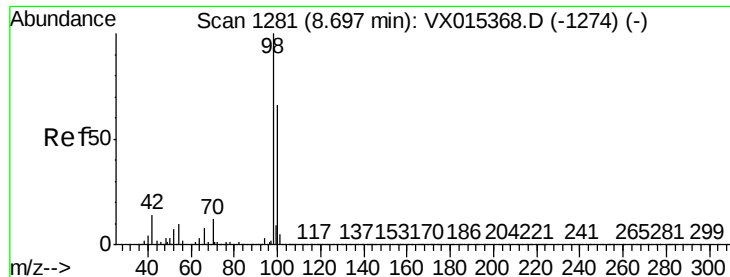


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

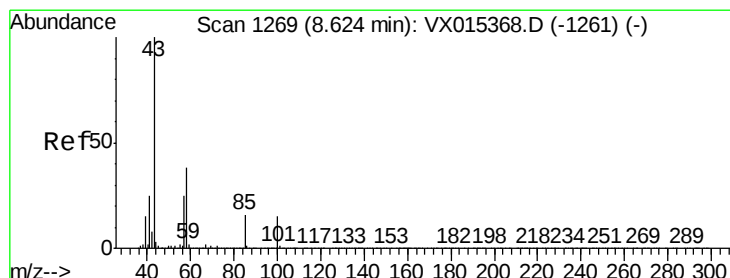
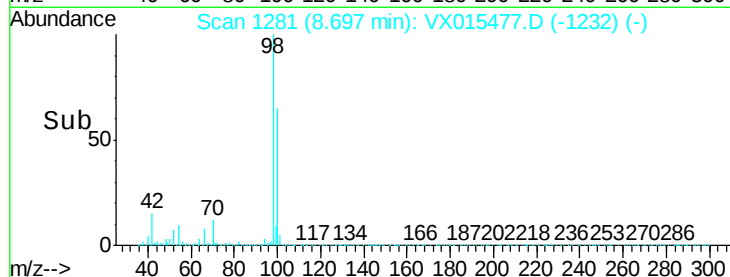
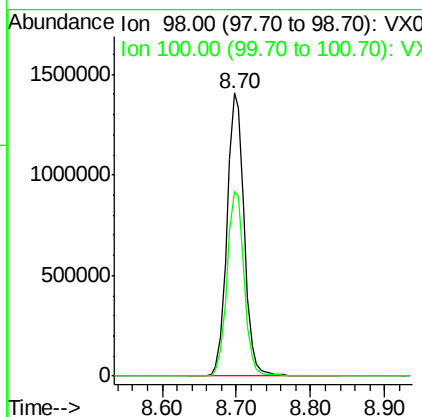
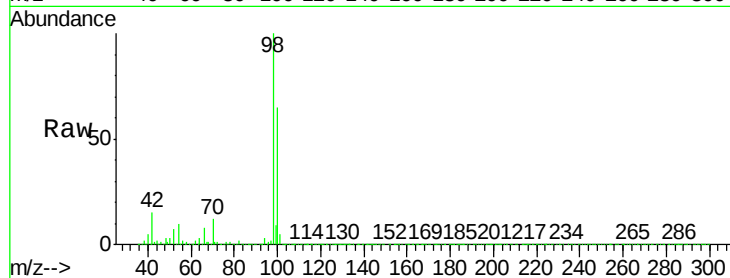




#50
Toluene-d8
Concen: 51.315 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

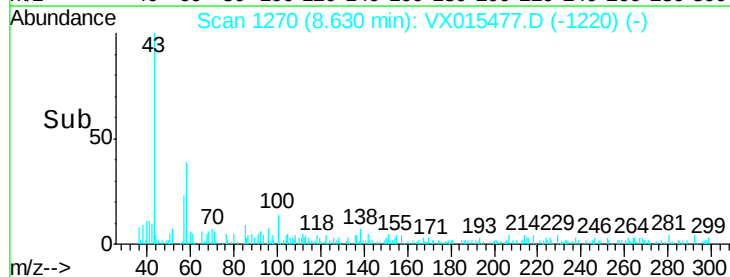
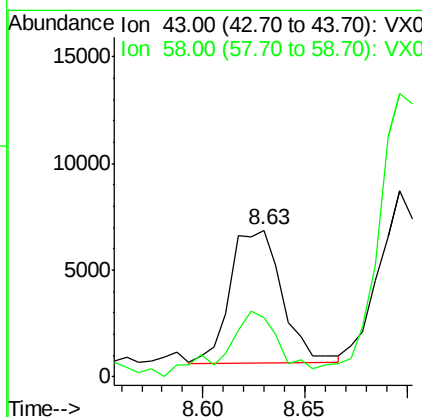
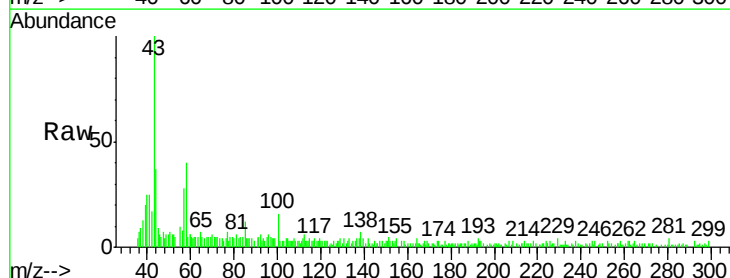
Instrument :
MSVOA_X
ClientSampleId :
239-GW-02-12

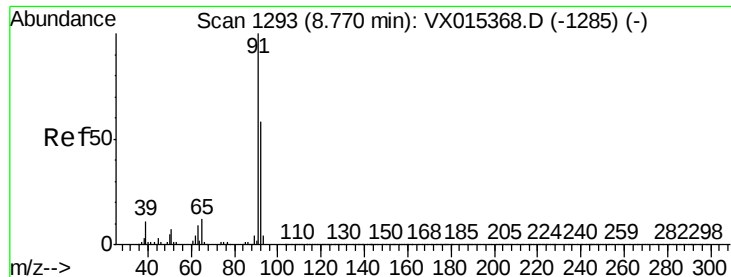
Tot Ion: 98 Resp: 2261947
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.512 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

Tgt Ion: 43 Resp: 11013
Ion Ratio Lower Upper
43 100
58 52.1 29.7 44.5#





#52

Toluene

Concen: 2.675 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015477.D

Acq: 02 Apr 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

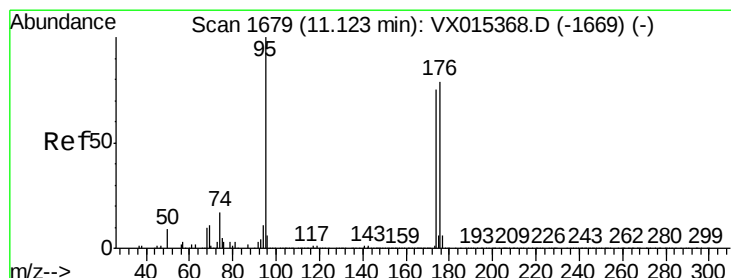
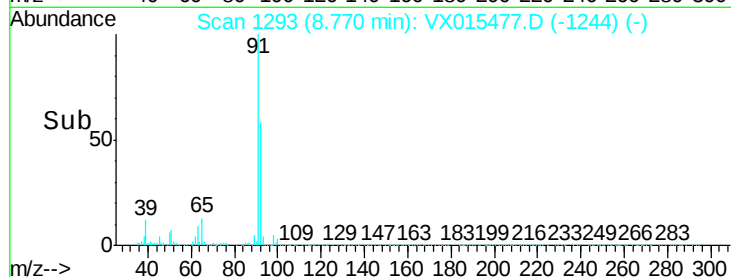
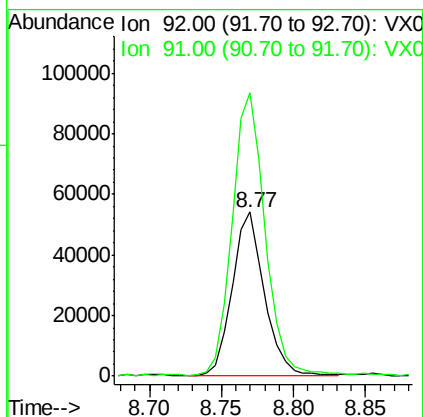
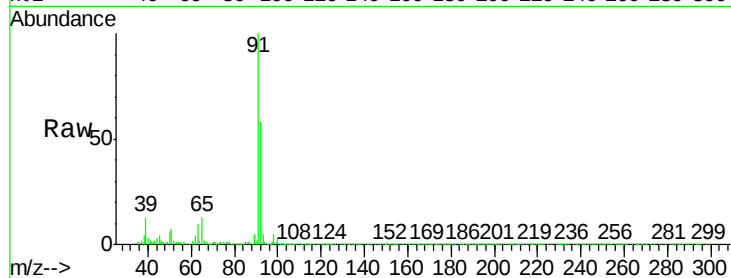
239-GW-02-12

Tot Ion: 92 Resp: 83362

Ion Ratio Lower Upper

92 100

91 177.2 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 53.643 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015477.D

Acq: 02 Apr 2020 13:28

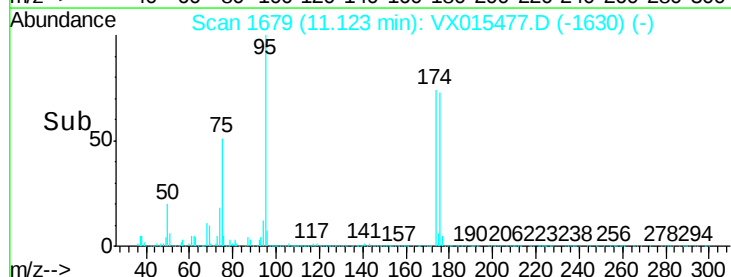
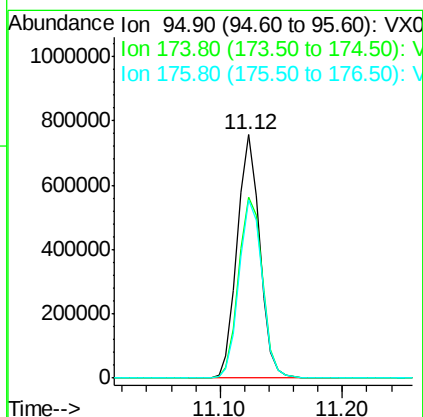
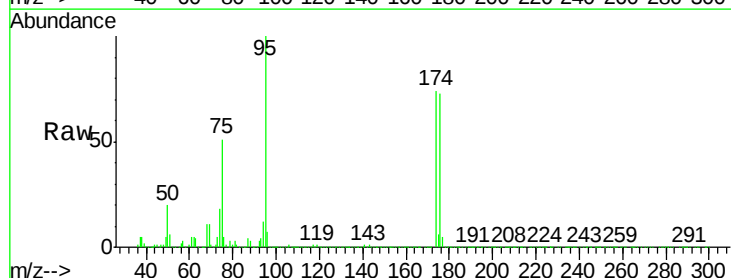
Tgt Ion: 95 Resp: 960965

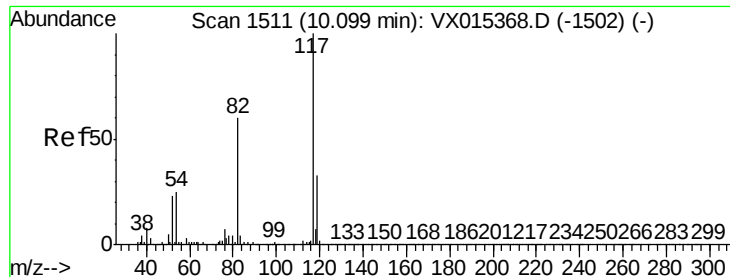
Ion Ratio Lower Upper

95 100

174 78.8 0.0 158.6

176 75.8 0.0 159.0

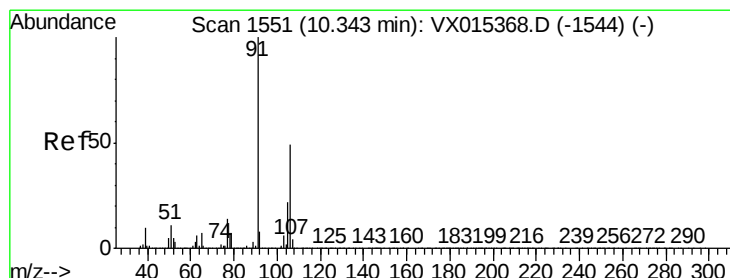
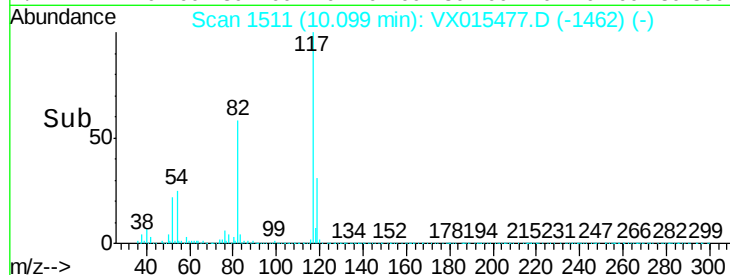
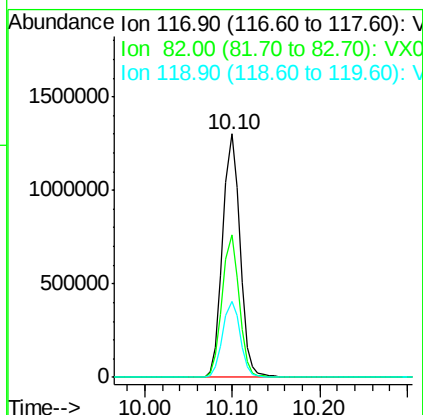
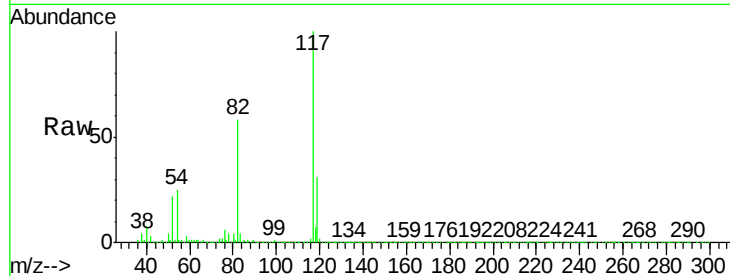




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

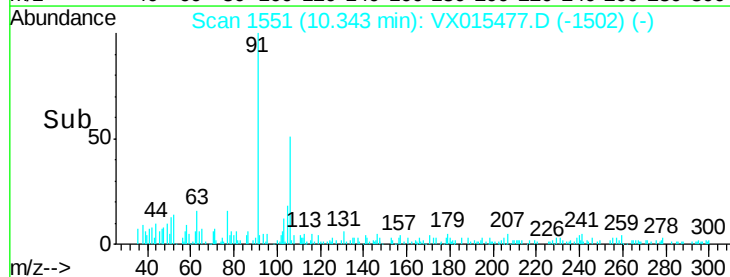
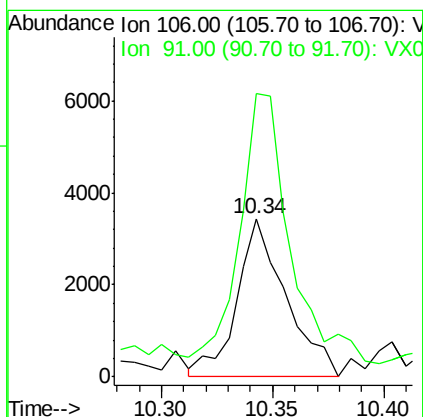
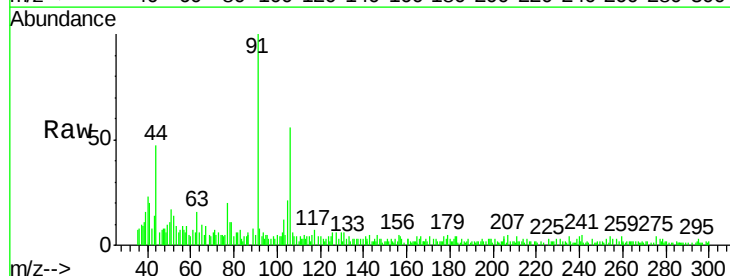
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239-GW-02-12

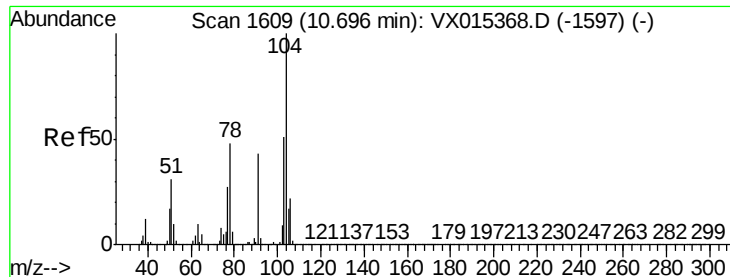
Tot Ion:117 Resp: 1790128
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 31.3 26.8 40.2



#68
m/p-Xylenes
Concen: 0.224 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

Tgt Ion:106 Resp: 5280
Ion Ratio Lower Upper
106 100
91 174.0 163.4 245.0

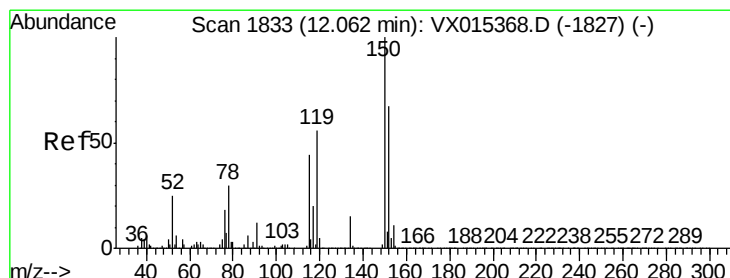
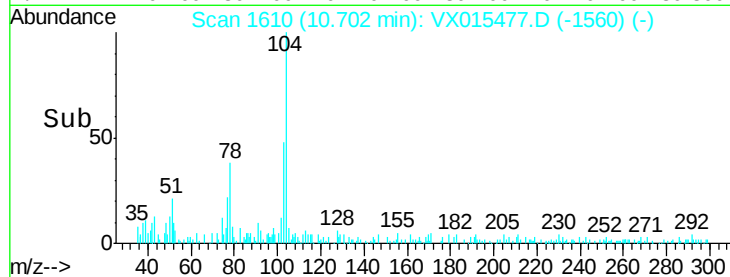
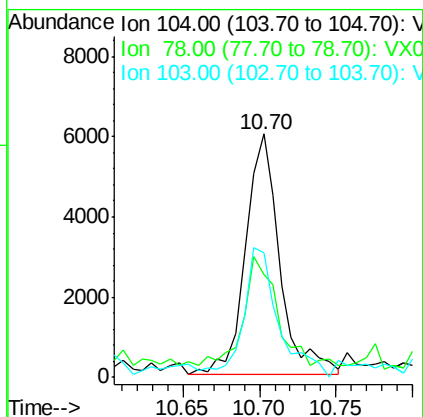
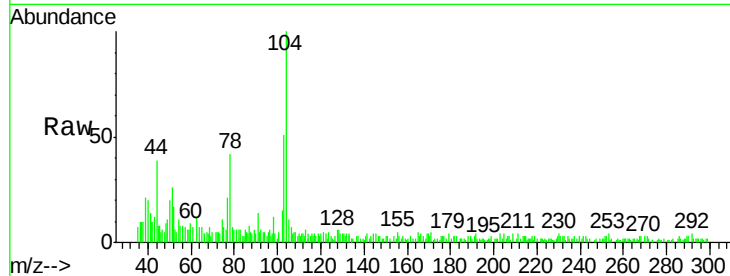




#70
Stvrene
Concen: 0.226 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. 0.01 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
239-GW-02-12

Tot Ion	Ratio	Lower	Upper
104	100		
78	46.1	42.0	63.0
103	54.1	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015477.D
Acq: 02 Apr 2020 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	39.0	116.9
150	154.5	0.0	340.8

