

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015574.D
 Acq On : 08 Apr 2020 17:10
 Operator : JC/SP
 Sample : L2190-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-14-200406

Quant Time: Apr 09 07:57:03 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	1075496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1656729	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1594174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	867566	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	694629	45.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.58%	
35) Dibromofluoromethane	5.47	113	514851	48.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.24%	
50) Toluene-d8	8.70	98	2017630	51.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.12	95	873058	55.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	110.20%	

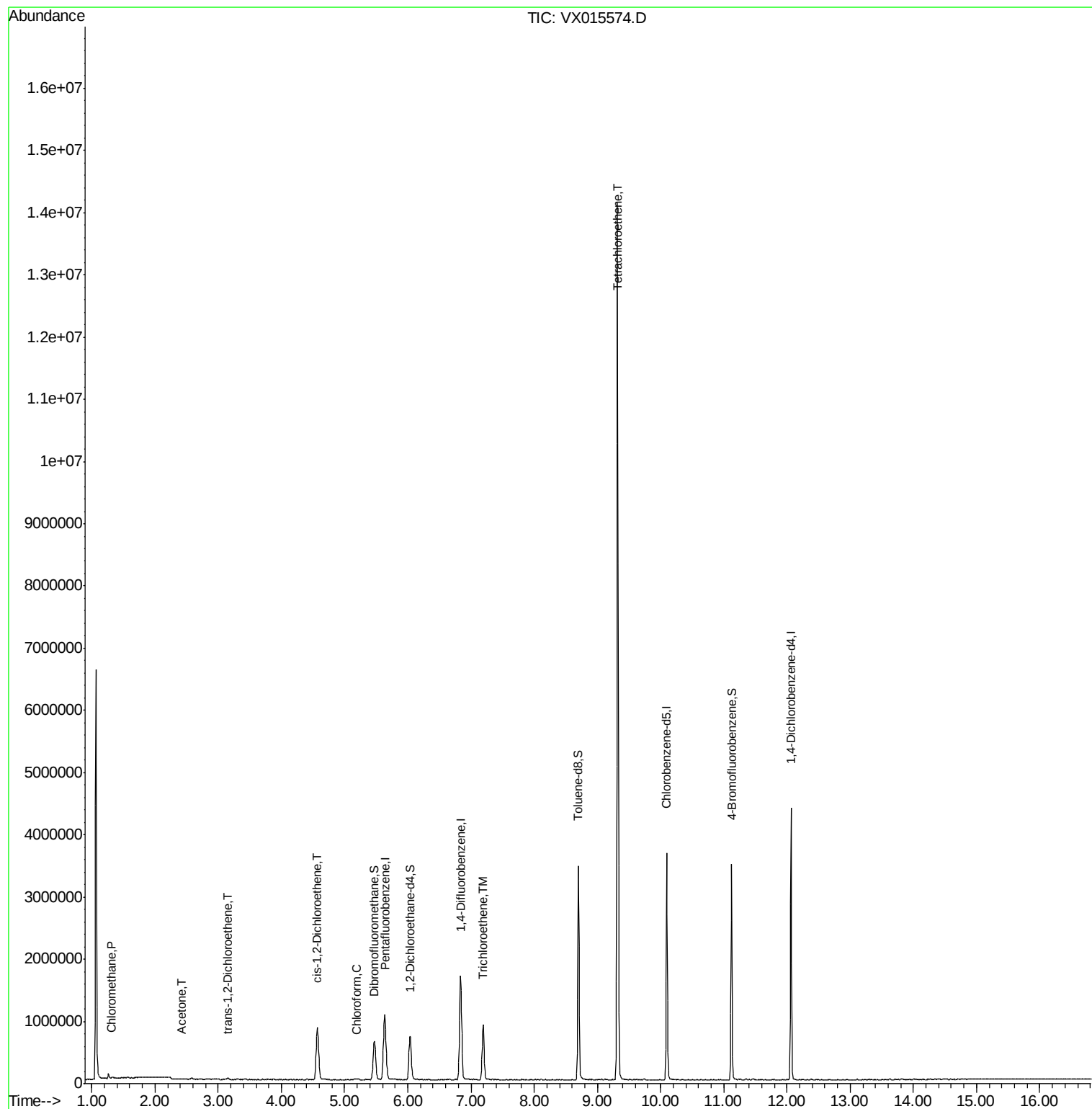
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	8697	0.721	ug/l	89
16) Acetone	2.42	43	12538	1.924	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	9908	0.879	ug/l	84
27) cis-1,2-Dichloroethene	4.57	96	524676	40.244	ug/l	91
30) Chloroform	5.19	83	11664	0.548	ug/l	96
44) Trichloroethene	7.19	130	339512	27.840	ug/l	100
64) Tetrachloroethene	9.32	164	2910604	241.929	ug/l	96

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

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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: VX015574.D

Acq: 08 Apr 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

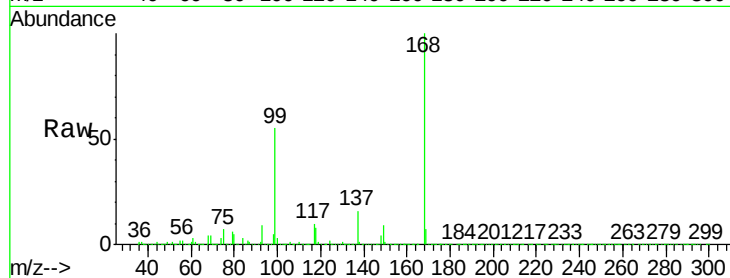
M-14-200406

Tot Ion:168 Resp: 1075496

Ion Ratio Lower Upper

168 100

99 54.7 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

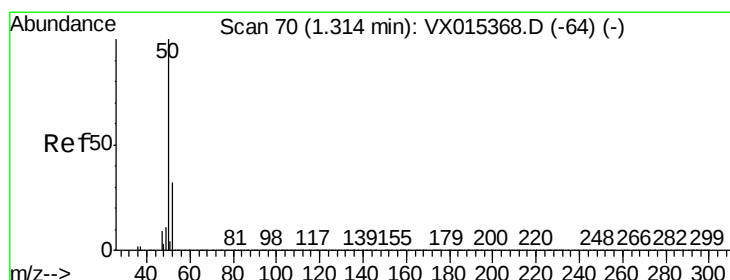
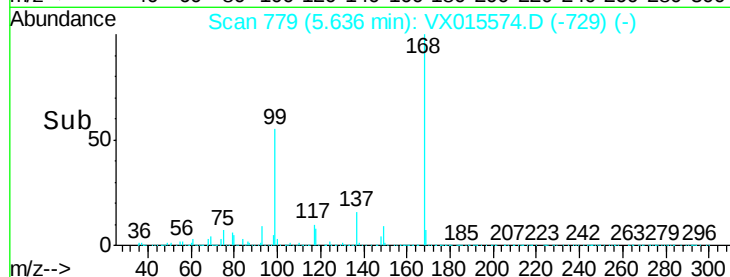
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.721 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015574.D

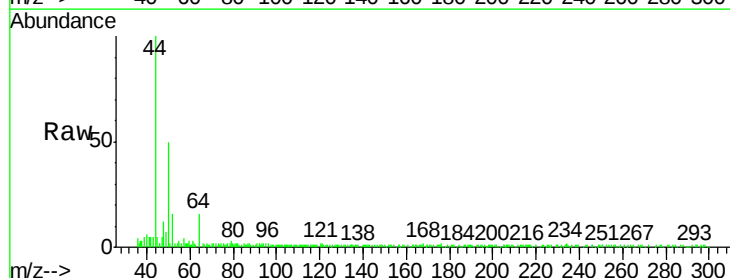
Acq: 08 Apr 2020 17:10

Tgt Ion: 50 Resp: 8697

Ion Ratio Lower Upper

50 100

52 25.8 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

10000

8000

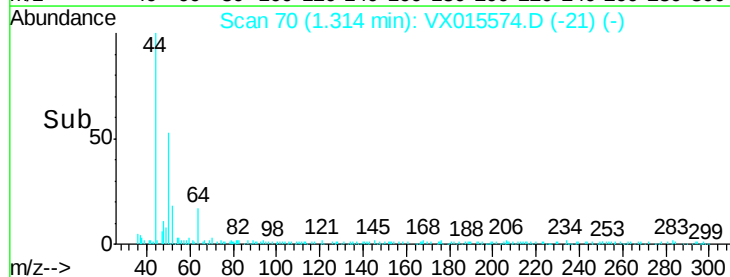
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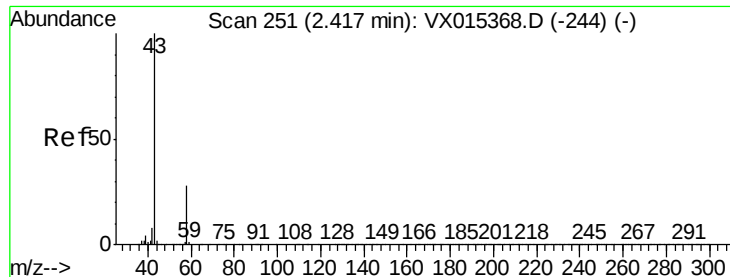
4000

2000

0

Time-->





#16

Acetone

Concen: 1.924 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015574.D

Acq: 08 Apr 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

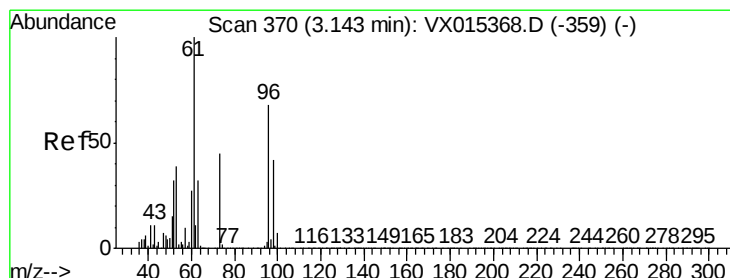
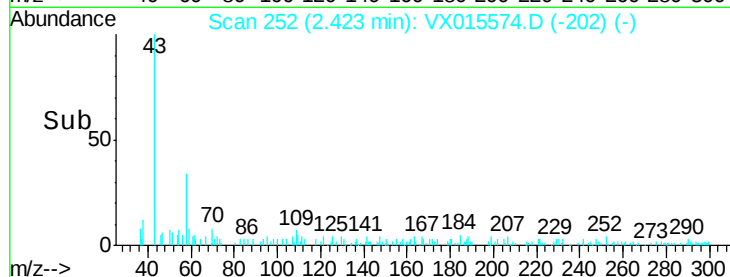
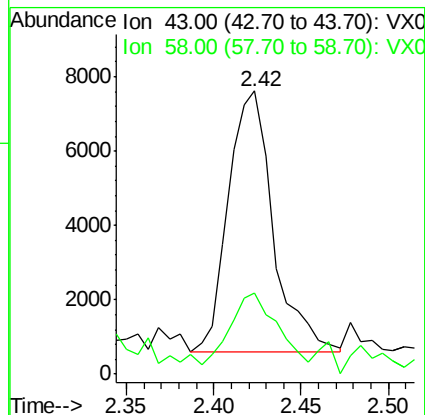
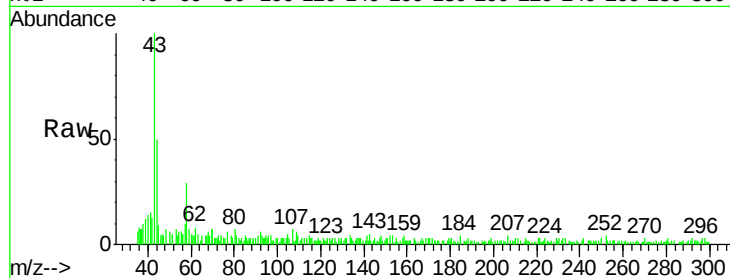
M-14-200406

Tot Ion: 43 Resp: 12538

Ion Ratio Lower Upper

43 100

58 31.2 22.1 33.1



#21

trans-1,2-Dichloroethene

Concen: 0.879 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015574.D

Acq: 08 Apr 2020 17:10

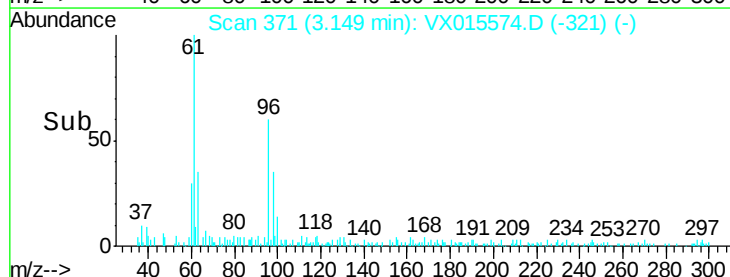
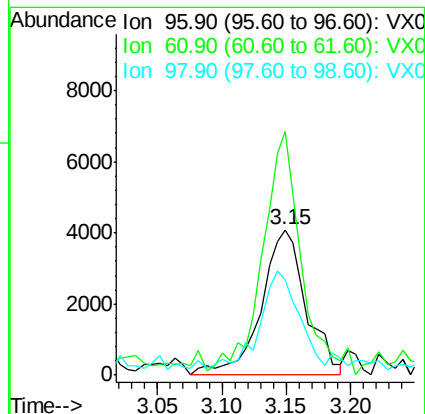
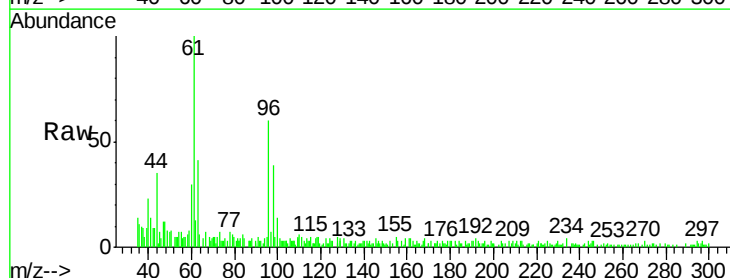
Tgt Ion: 96 Resp: 9908

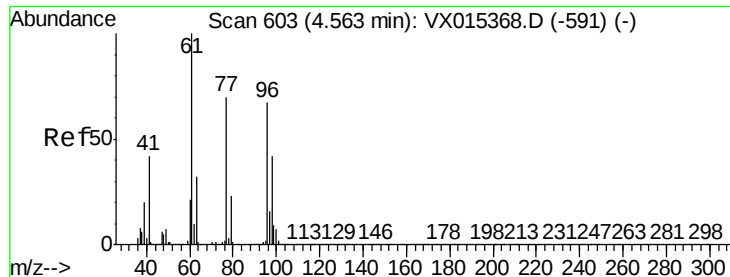
Ion Ratio Lower Upper

96 100

61 173.0 116.9 175.3

98 57.5 48.6 73.0



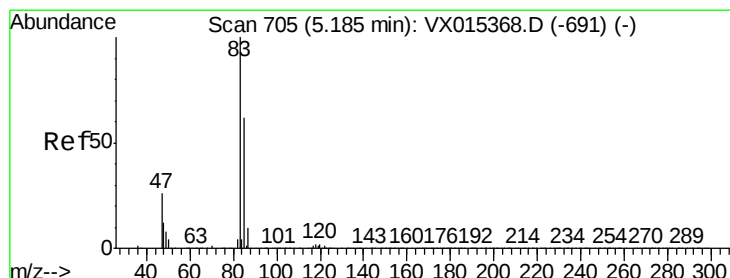
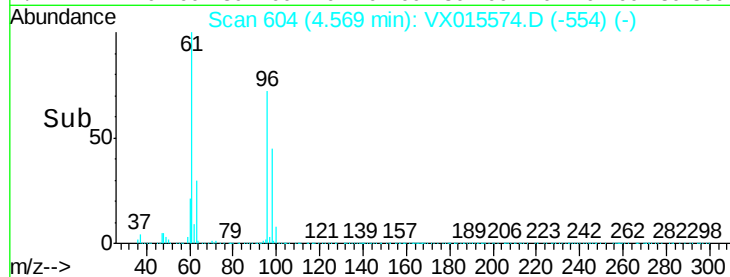
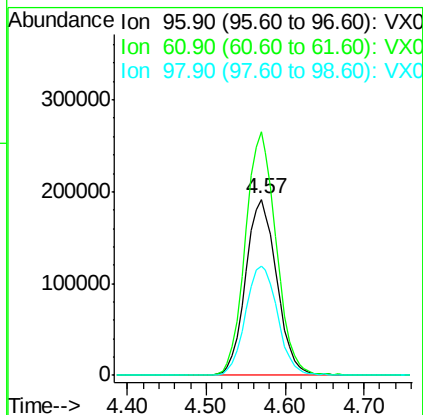
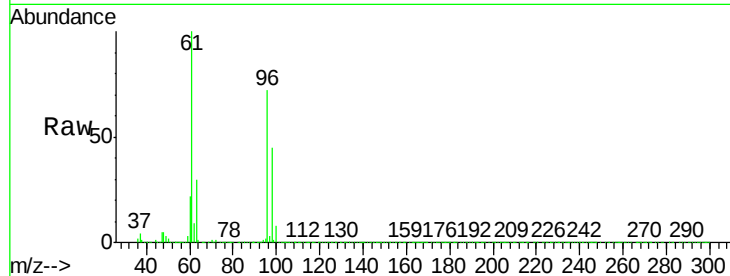


#27

cis-1,2-Dichloroethene
Concen: 40.244 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015574.D
Acq: 08 Apr 2020 17:10

Instrument :
MSVOA_X
ClientSampleId :
M-14-200406

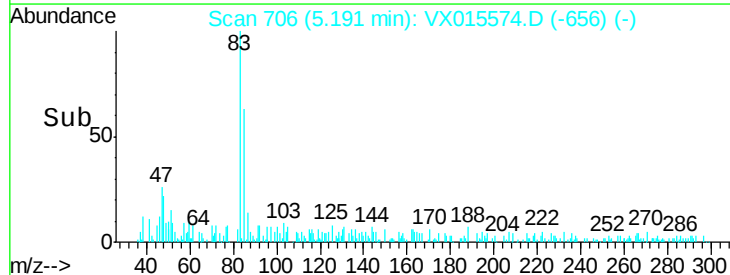
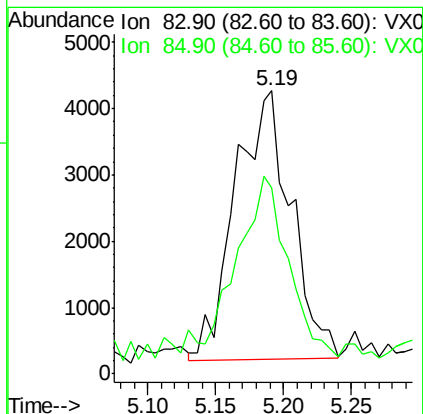
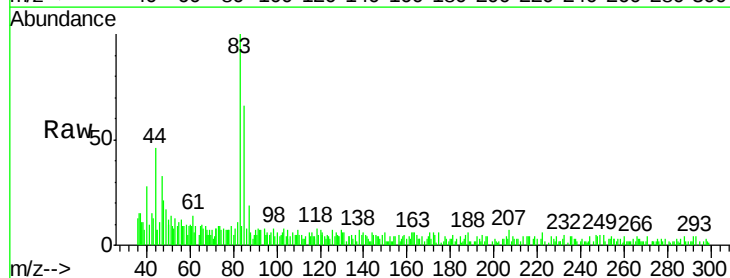
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	308.4
98	63.9	0.0	129.2

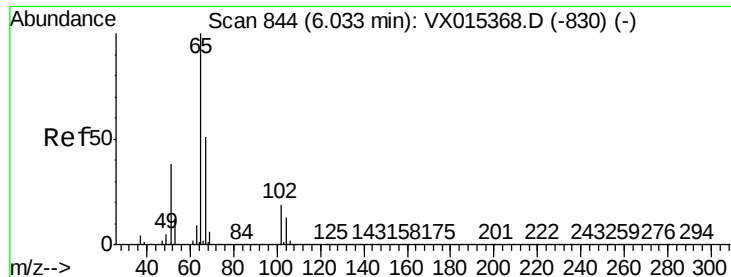


#30

Chloroform
Concen: 0.548 ug/l
RT: 5.19 min Scan# 706
Delta R.T. 0.01 min
Lab File: VX015574.D
Acq: 08 Apr 2020 17:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.5	49.5	74.3

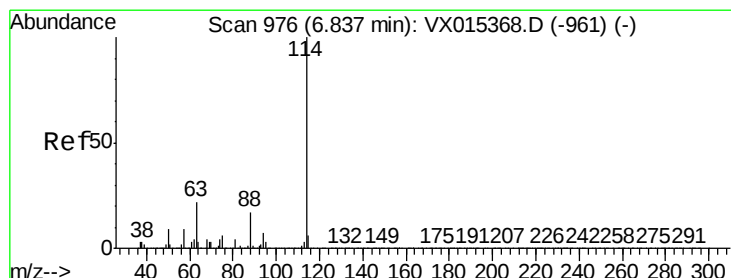
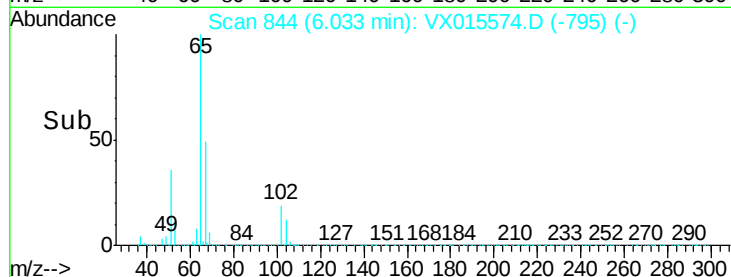
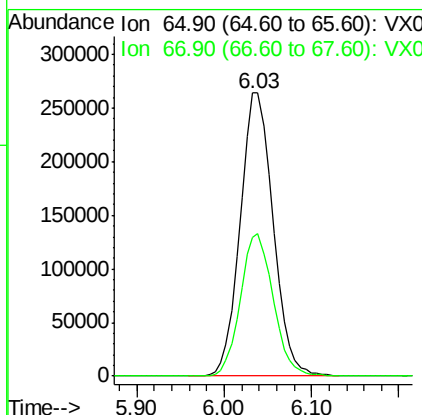
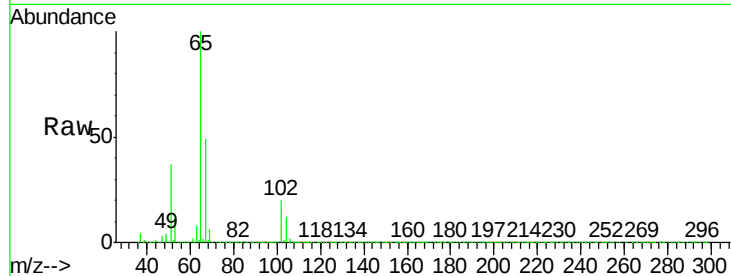




#33
 1,2-Dichloroethane-d4
 Concen: 45.794 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015574.D
 Acq: 08 Apr 2020 17:10

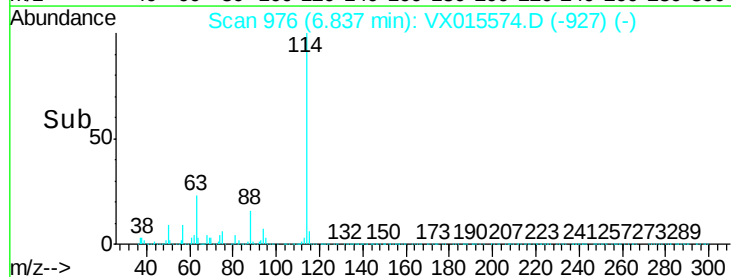
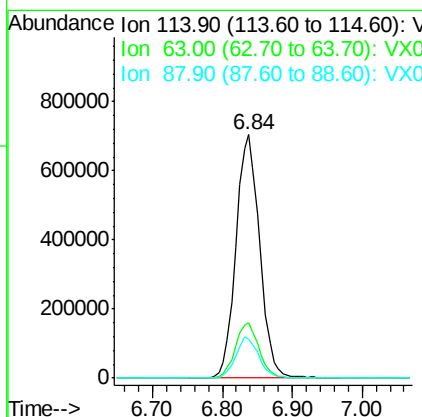
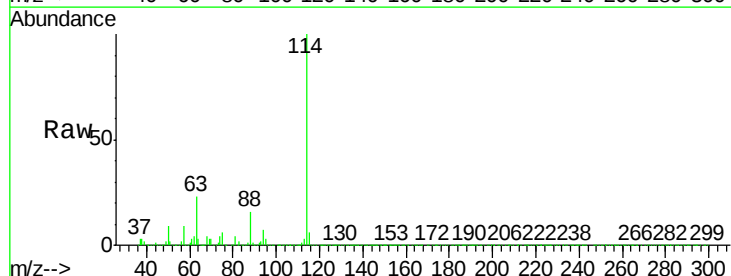
Instrument :
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 ClientSampleId :
 M-14-200406

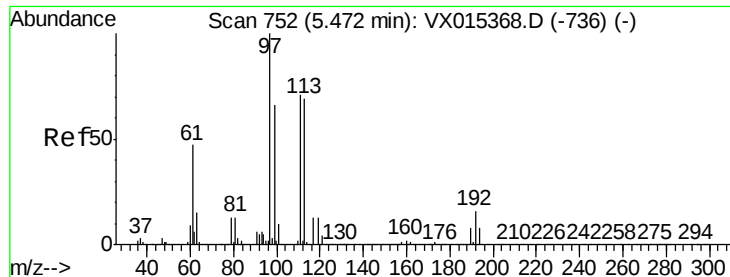
Tot Ion: 65 Resp: 694629
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015574.D
 Acq: 08 Apr 2020 17:10

Tgt Ion: 114 Resp: 1656729
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.2
 88 15.7 0.0 33.8

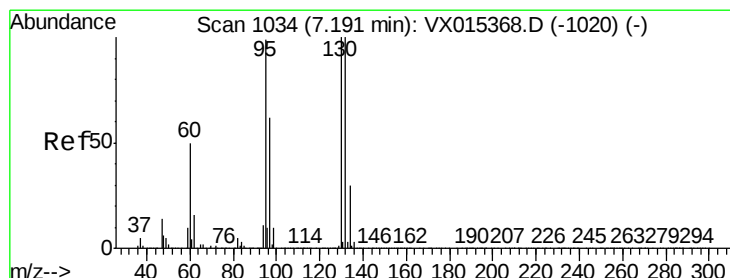
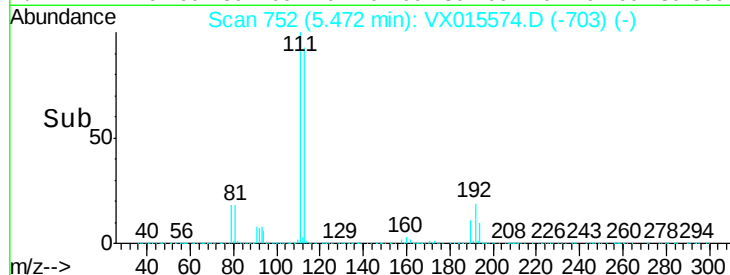
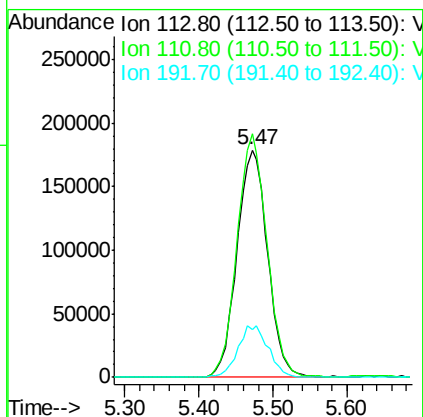
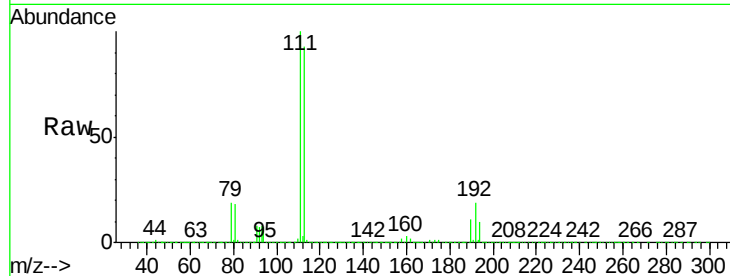




#35
Dibromofluoromethane
Concen: 48.615 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015574.D
Acq: 08 Apr 2020 17:10

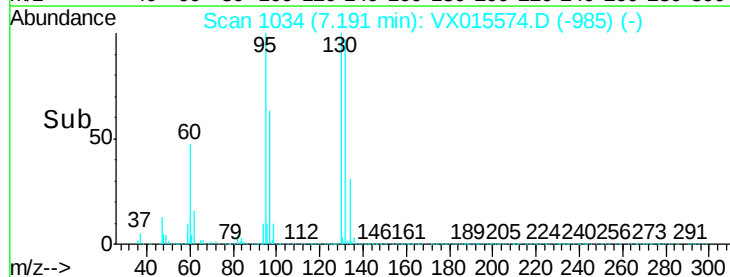
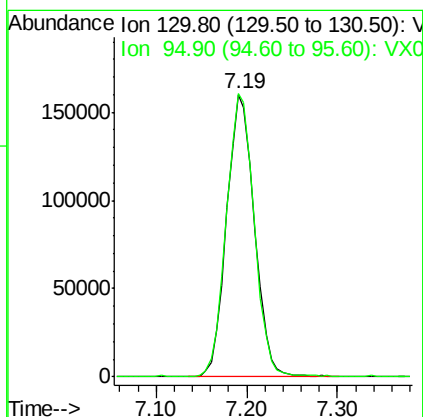
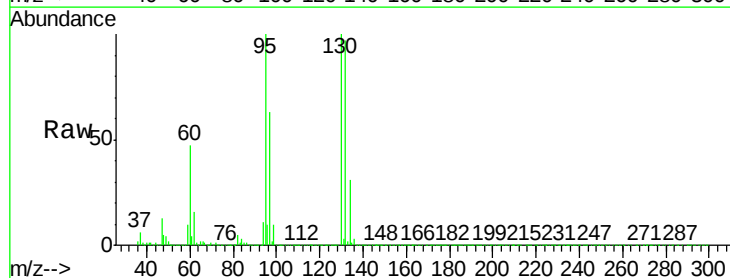
Instrument :
MSVOA_X
ClientSampleId :
M-14-200406

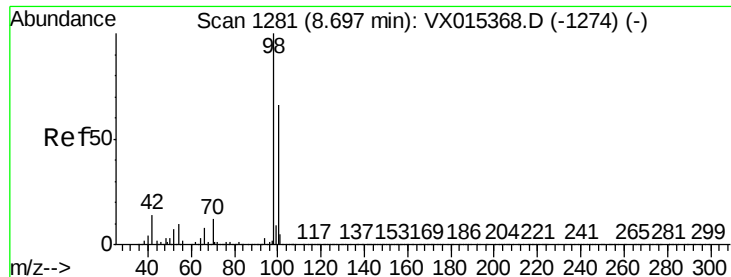
Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.5	122.3
192	22.5	17.8	26.6



#44
Trichloroethene
Concen: 27.840 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015574.D
Acq: 08 Apr 2020 17:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	199.0





#50

Toluene-d8

Concen: 51.747 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015574.D

Acq: 08 Apr 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

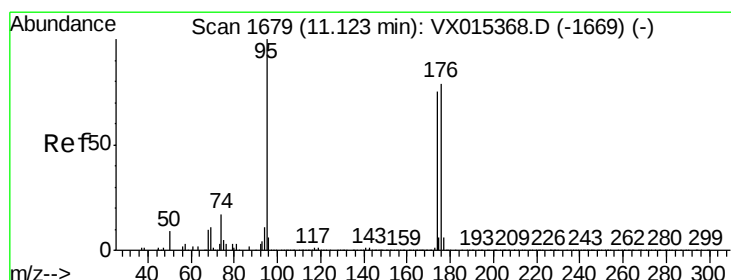
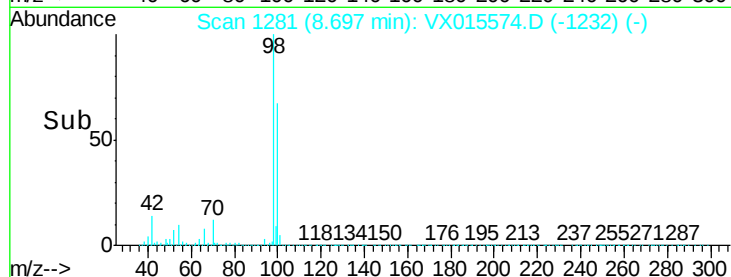
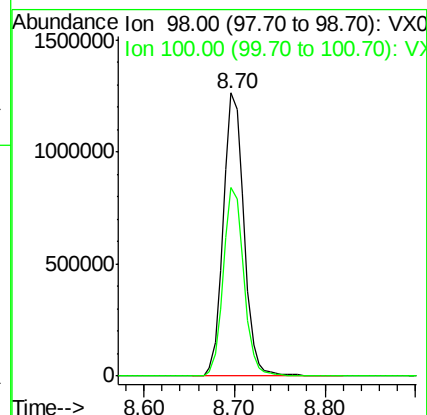
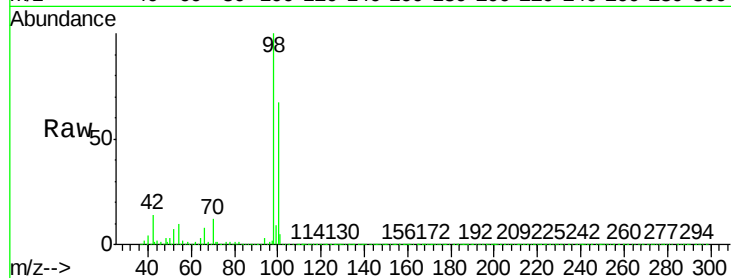
M-14-200406

Tot Ion: 98 Resp: 2017630

Ion Ratio Lower Upper

98 100

100 66.1 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 55.097 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015574.D

Acq: 08 Apr 2020 17:10

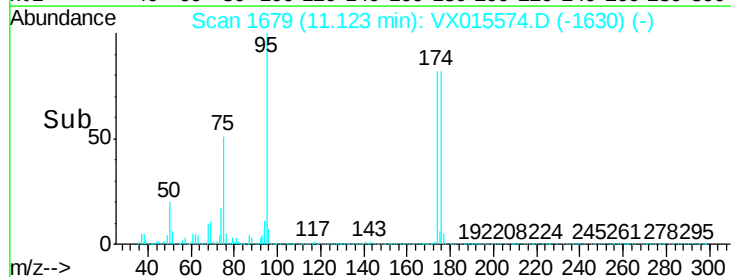
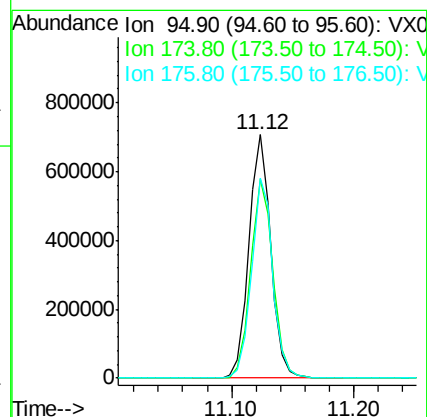
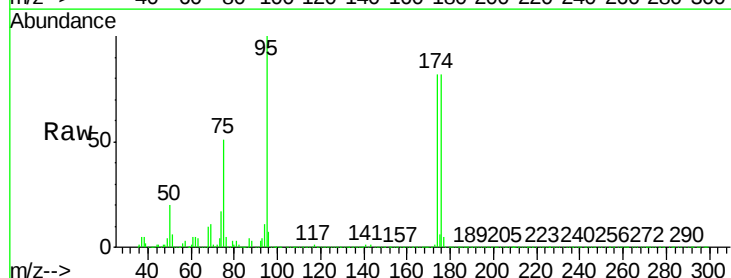
Tgt Ion: 95 Resp: 873058

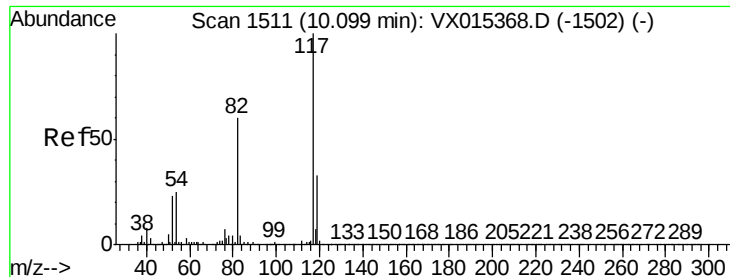
Ion Ratio Lower Upper

95 100

174 83.6 0.0 158.6

176 80.5 0.0 159.0

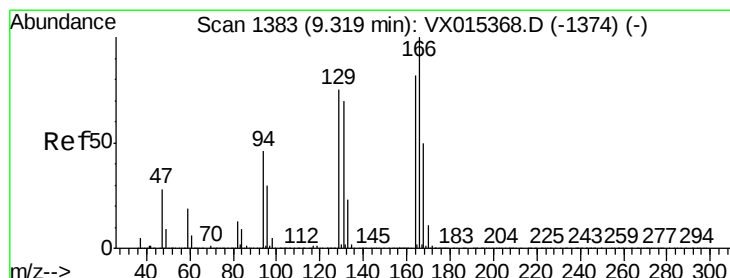
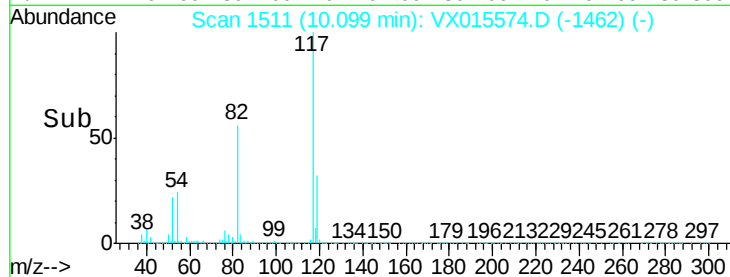
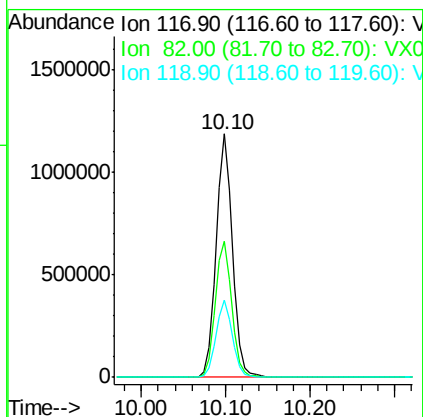
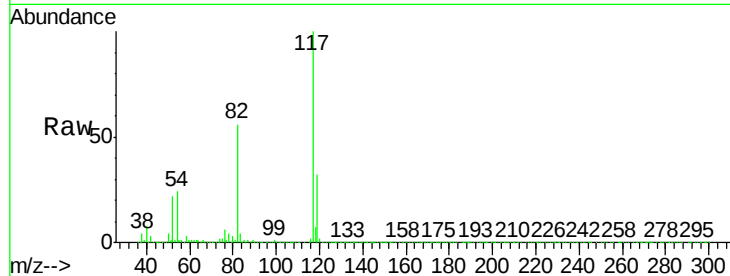




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015574.D
Acq: 08 Apr 2020 17:10

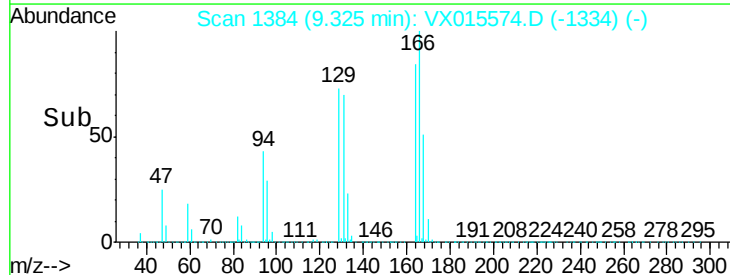
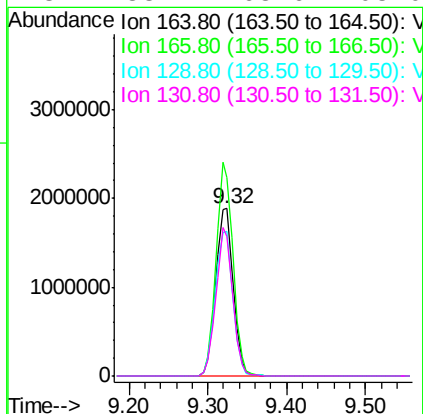
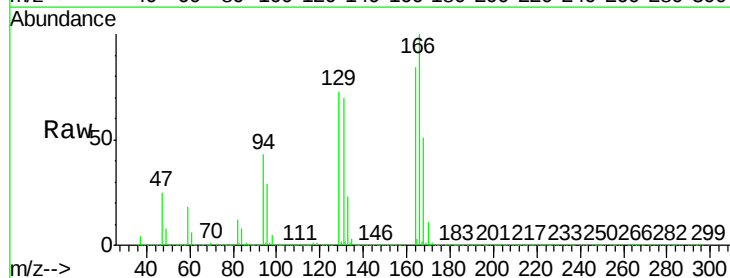
Instrument :
MSVOA_X
ClientSampleId :
M-14-200406

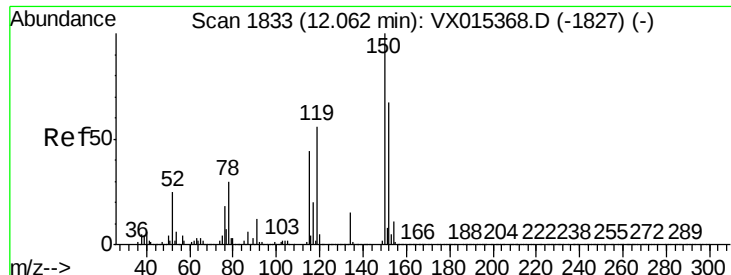
Tot Ion:117 Resp: 1594174
Ion Ratio Lower Upper
117 100
82 55.9 47.8 71.8
119 31.7 26.8 40.2



#64
Tetrachloroethene
Concen: 241.929 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015574.D
Acq: 08 Apr 2020 17:10

Tgt Ion:164 Resp: 2910604
Ion Ratio Lower Upper
164 100
166 118.7 97.8 146.6
129 86.2 73.0 109.4
131 83.7 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015574.D

Acq: 08 Apr 2020 17:10

Instrument :

MSVOA_X

ClientSampleId :

M-14-200406

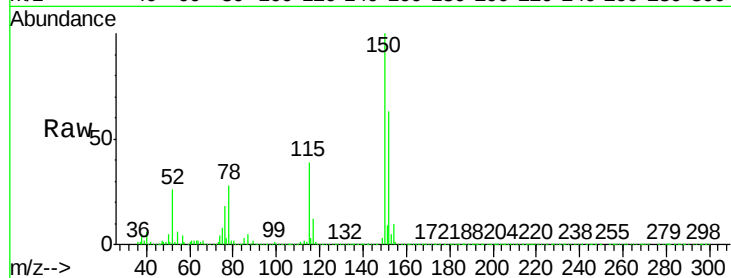
Tot Ion:152 Resp: 867566

Ion Ratio Lower Upper

152 100

115 58.9 39.0 116.9

150 159.6 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

