

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015571.D
 Acq On : 08 Apr 2020 16:02
 Operator : JC/SP
 Sample : L2190-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW025-200407

Quant Time: Apr 09 07:34:08 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

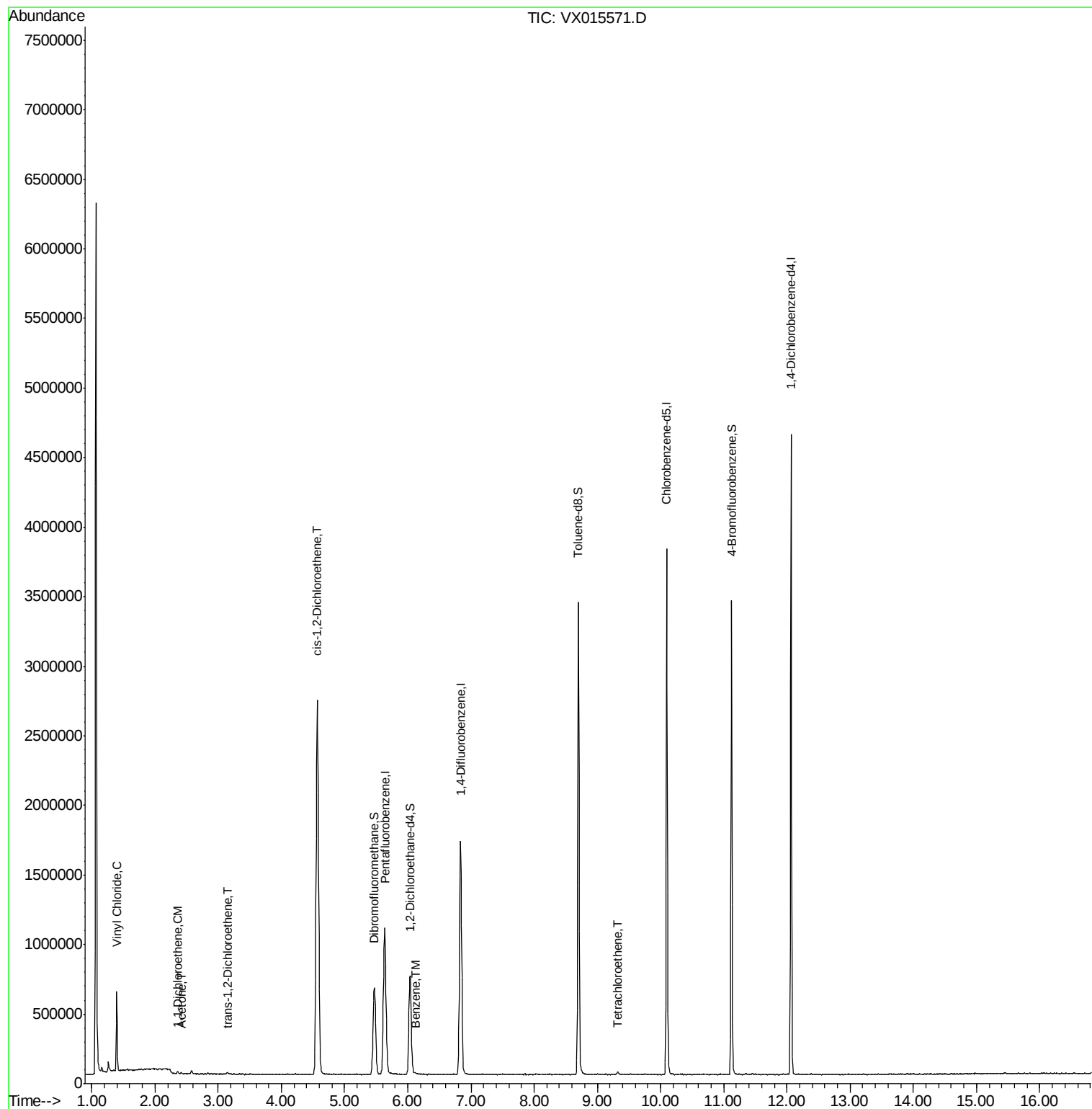
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1061156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1683607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1631308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	889335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	706174	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
35) Dibromofluoromethane	5.47	113	531362	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.70	98	2037899	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.12	95	872070	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	317808	29.071	ug/l	99
12) 1,1-Dichloroethene	2.36	96	5318	0.531	ug/l	98
16) Acetone	2.42	43	10737	1.670	ug/l #	85
21) trans-1,2-Dichloroethene	3.15	96	5631	0.506	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	1653842	128.568	ug/l	91
40) Benzene	6.12	78	14201	0.313	ug/l #	85
64) Tetrachloroethene	9.32	164	4324	0.351	ug/l	92

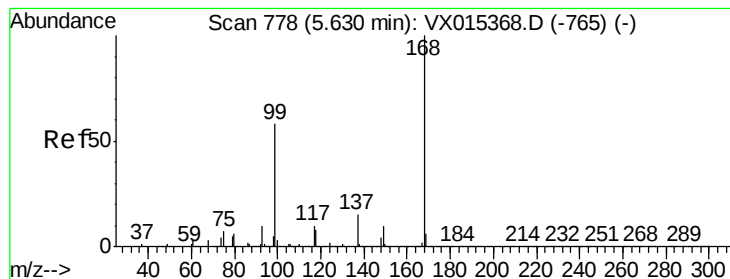
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015571.D

Acq: 08 Apr 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

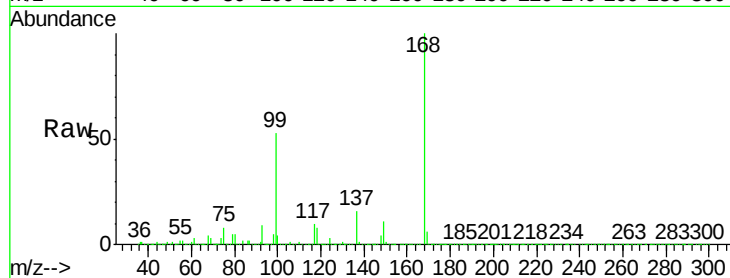
STO08MW025-200407

Tot Ion:168 Resp: 1061156

Ion Ratio Lower Upper

168 100

99 53.4 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

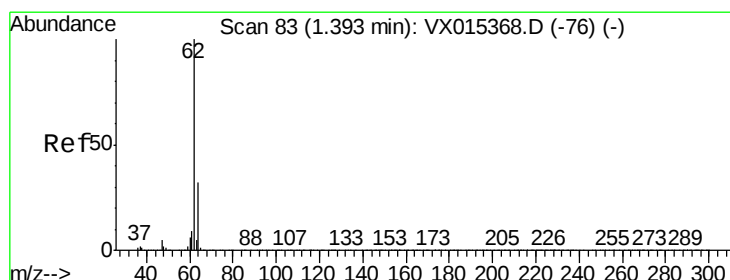
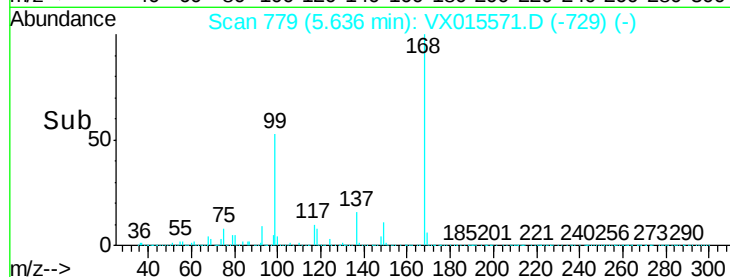
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 29.071 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015571.D

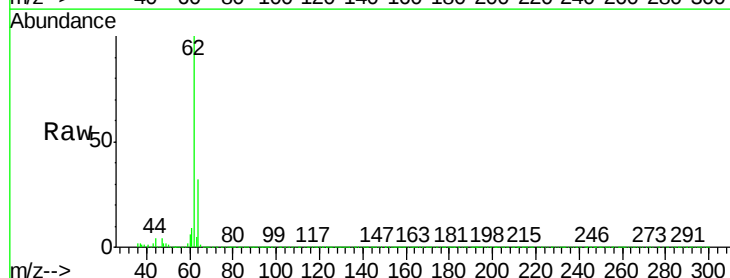
Acq: 08 Apr 2020 16:02

Tgt Ion: 62 Resp: 317808

Ion Ratio Lower Upper

62 100

64 32.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

400000

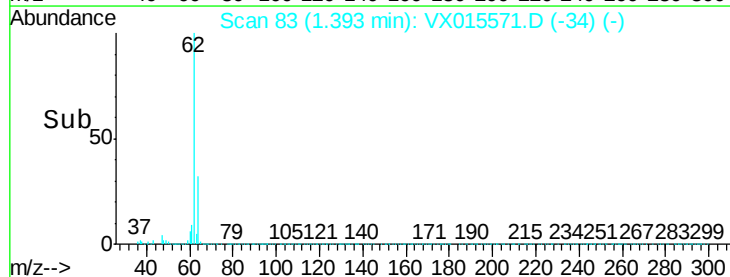
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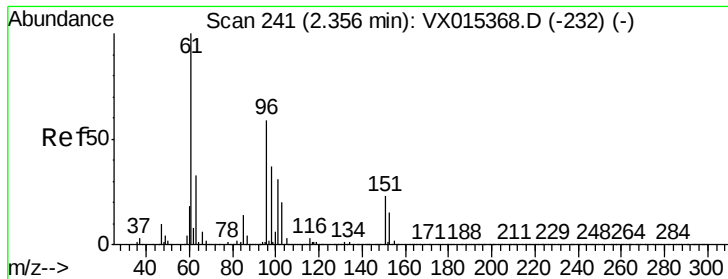
200000

100000

0

Time-->

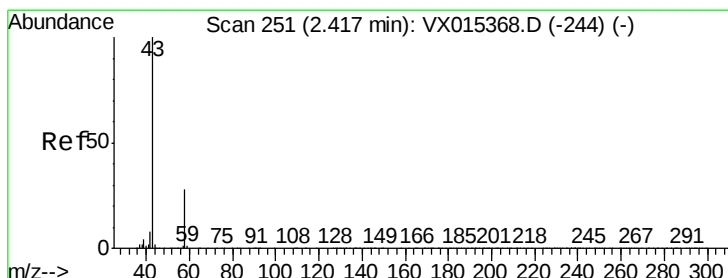
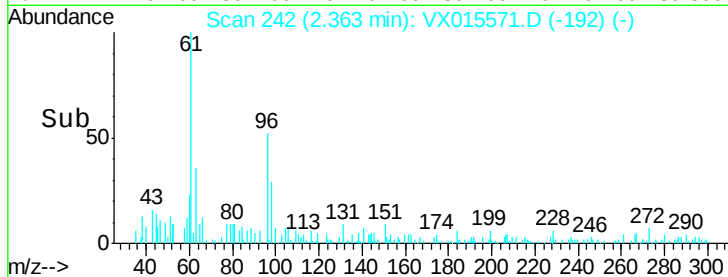
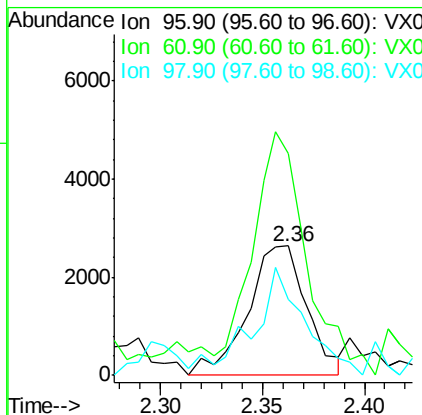
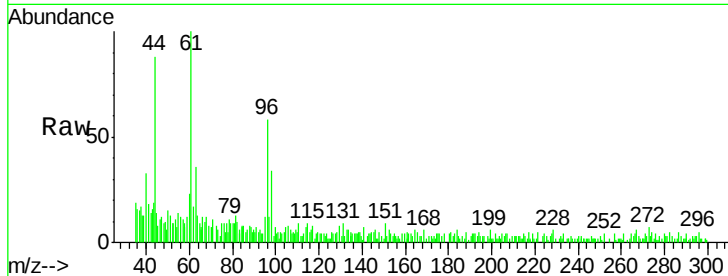




#12
 1,1-Dichloroethene
 Concen: 0.531 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VX015571.D
 Acq: 08 Apr 2020 16:02

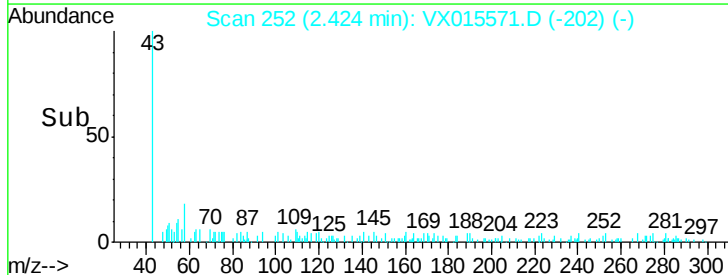
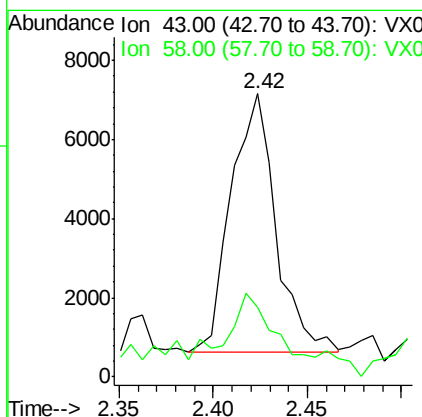
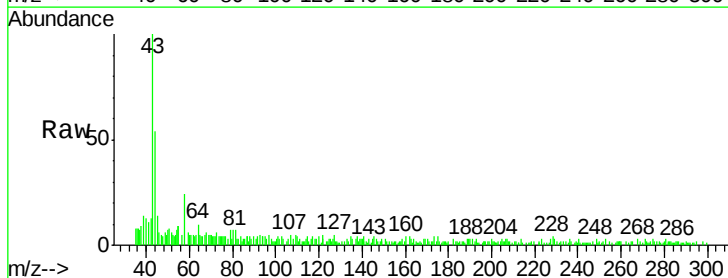
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW025-200407

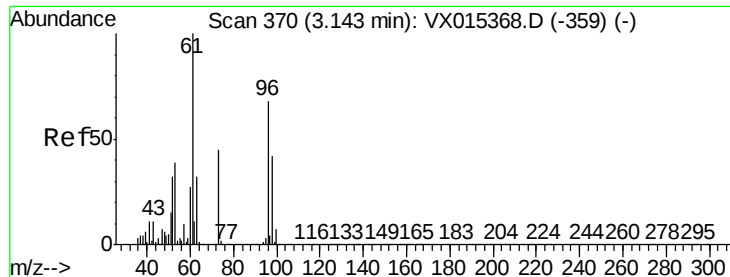
Tot Ion: 96 Resp: 5318
 Ion Ratio Lower Upper
 96 100
 61 170.9 135.7 203.5
 98 59.0 50.6 75.8



#16
 Acetone
 Concen: 1.670 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015571.D
 Acq: 08 Apr 2020 16:02

Tgt Ion: 43 Resp: 10737
 Ion Ratio Lower Upper
 43 100
 58 19.6 22.1 33.1#





#21

trans-1,2-Dichloroethene

Concen: 0.506 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015571.D

Acq: 08 Apr 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

STO08MW025-200407

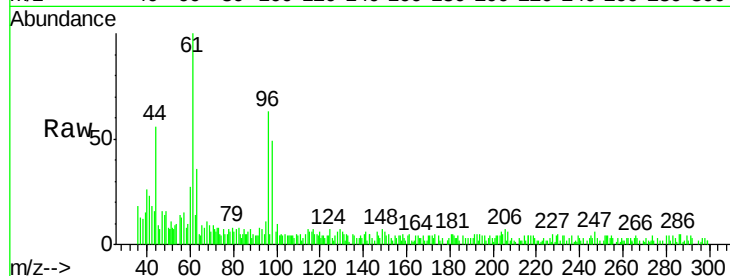
Tot Ion: 96 Resp: 5631

Ion Ratio Lower Upper

96 100

61 149.4 116.9 175.3

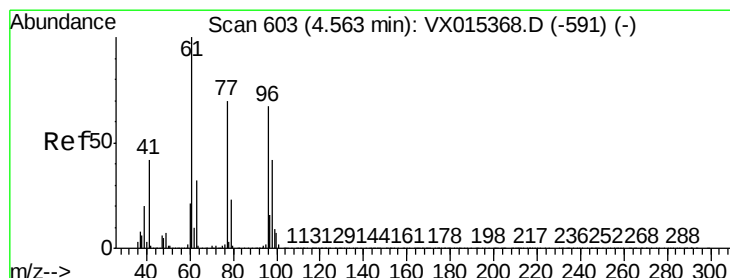
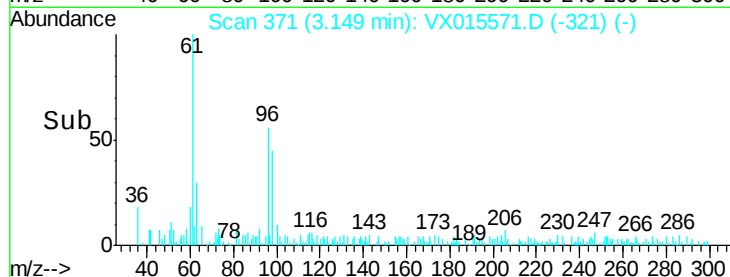
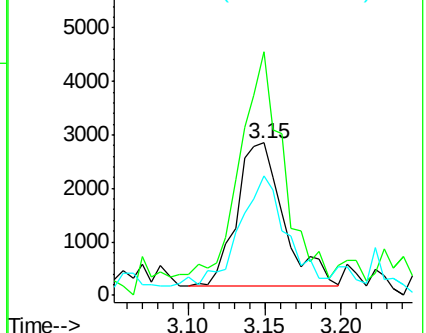
98 70.5 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 128.568 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015571.D

Acq: 08 Apr 2020 16:02

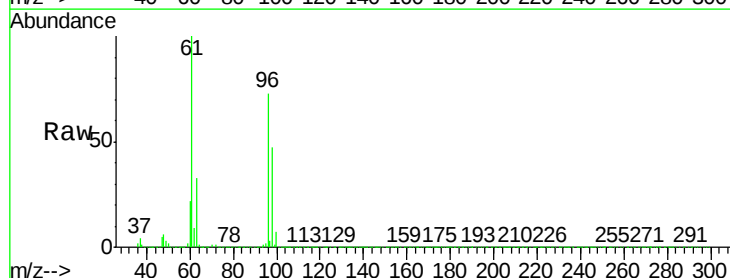
Tgt Ion: 96 Resp: 1653842

Ion Ratio Lower Upper

96 100

61 138.5 0.0 308.4

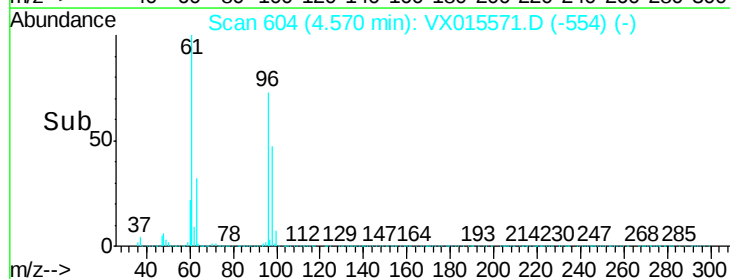
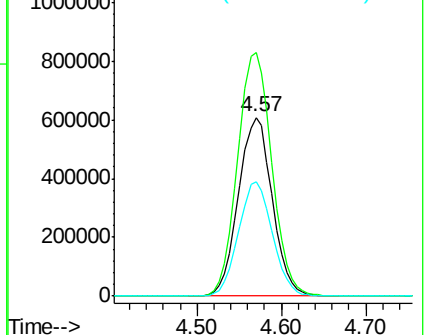
98 64.3 0.0 129.2

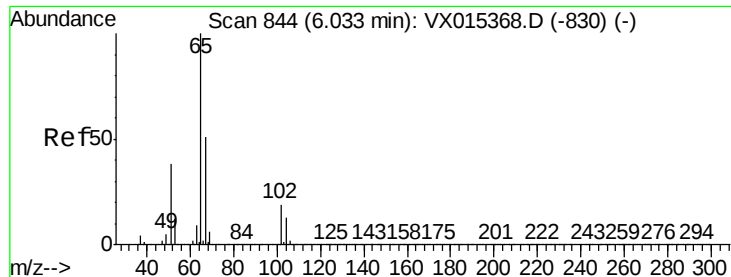


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

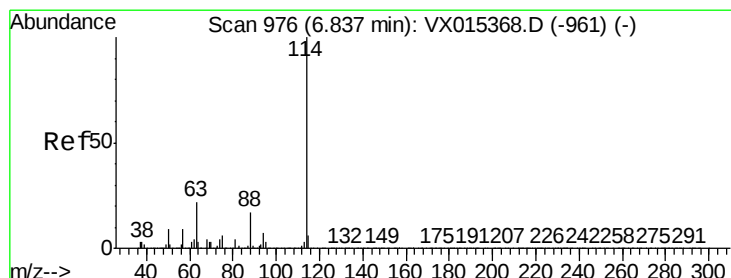
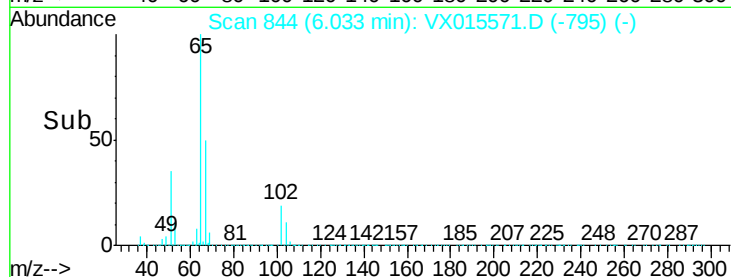
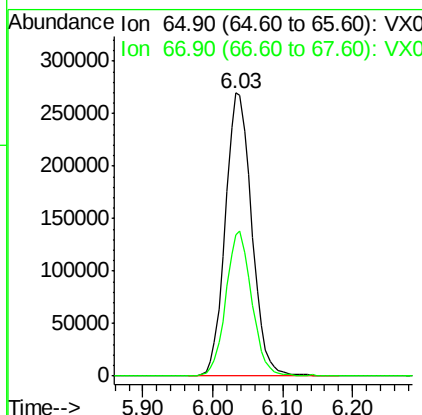
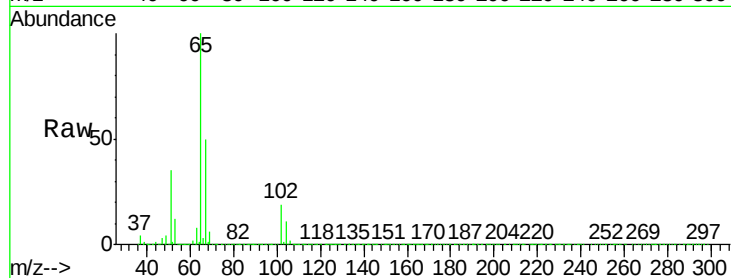




#33
 1,2-Dichloroethane-d4
 Concen: 47.184 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015571.D
 Acq: 08 Apr 2020 16:02

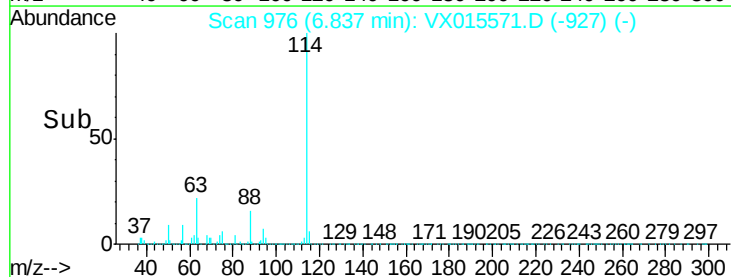
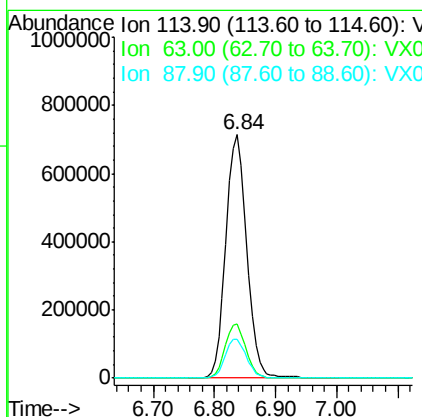
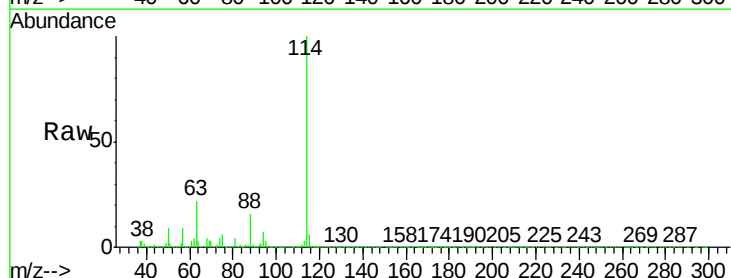
Instrument :
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 ClientSampleId :
 ST008MW025-200407

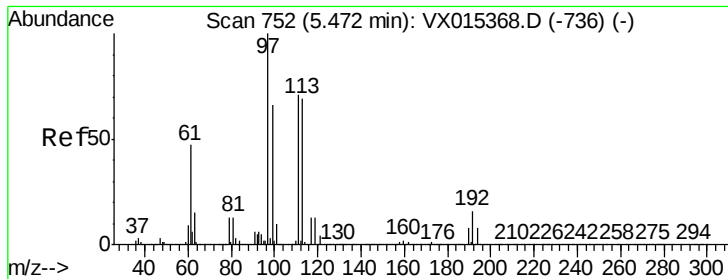
Tot Ion: 65 Resp: 706174
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015571.D
 Acq: 08 Apr 2020 16:02

Tgt Ion: 114 Resp: 1683607
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 16.1 0.0 33.8

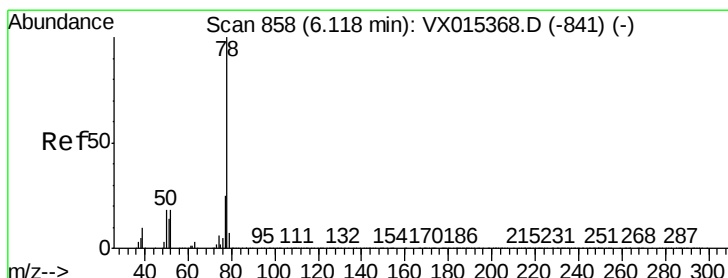
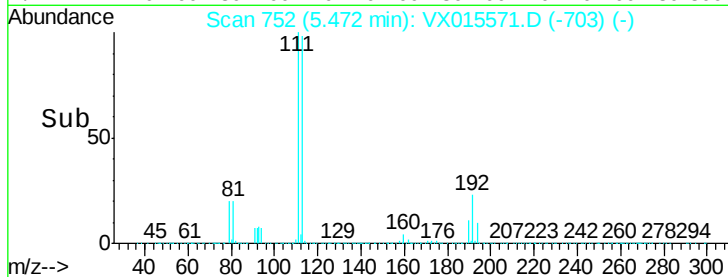
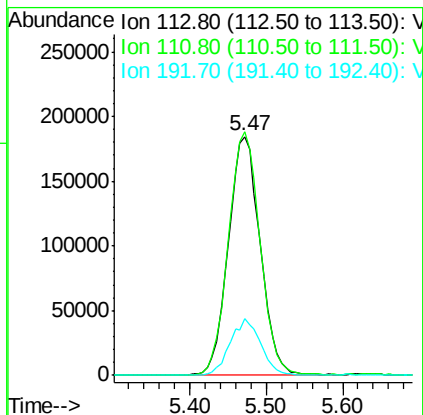
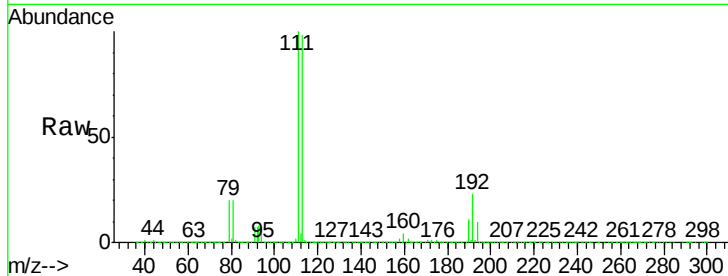




#35
Dibromofluoromethane
Concen: 49.374 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015571.D
Acq: 08 Apr 2020 16:02

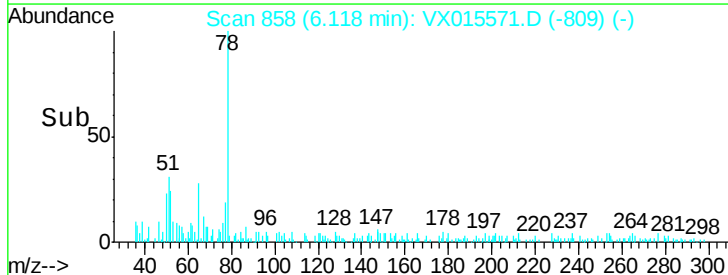
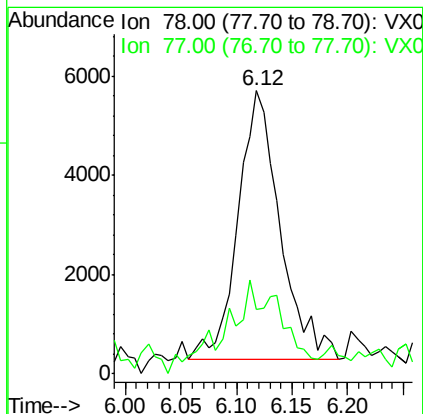
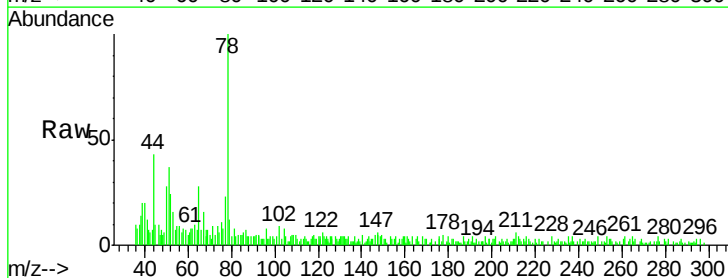
Instrument :
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ClientSampleId :
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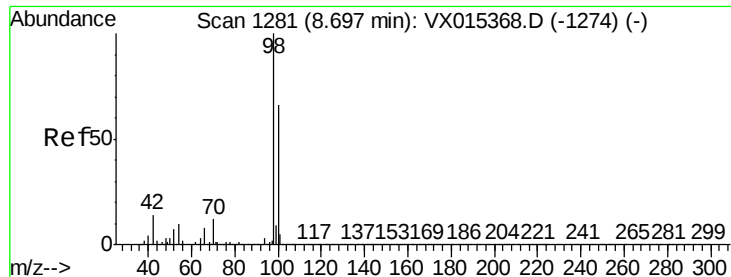
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	22.7	17.8	26.6



#40
Benzene
Concen: 0.313 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015571.D
Acq: 08 Apr 2020 16:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	17.1	19.8	29.8#





#50

Toluene-d8

Concen: 51.432 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015571.D

Acq: 08 Apr 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

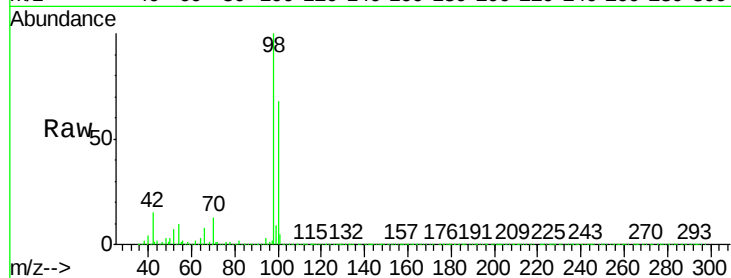
STO08MW025-200407

Tot Ion: 98 Resp: 2037899

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

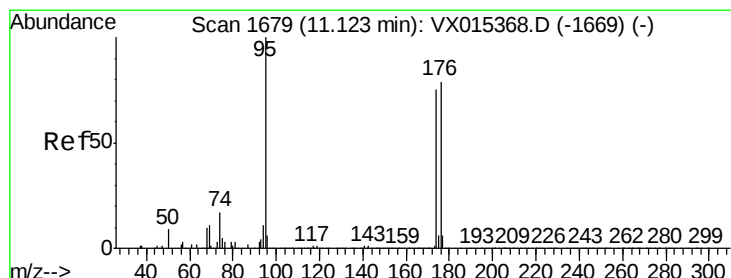
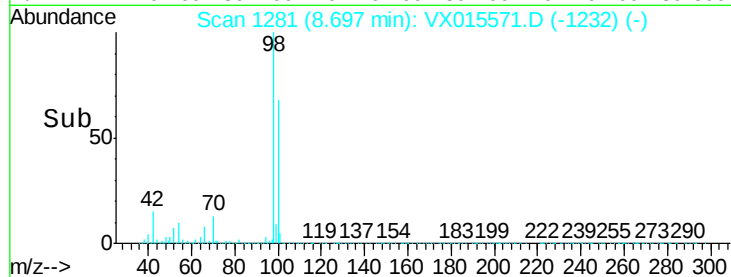
8.70

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.156 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015571.D

Acq: 08 Apr 2020 16:02

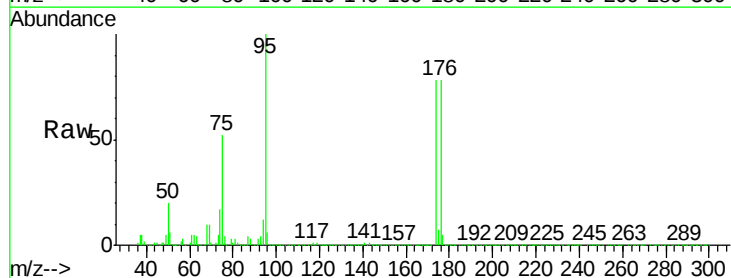
Tgt Ion: 95 Resp: 872070

Ion Ratio Lower Upper

95 100

174 81.5 0.0 158.6

176 81.4 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

11.12

800000

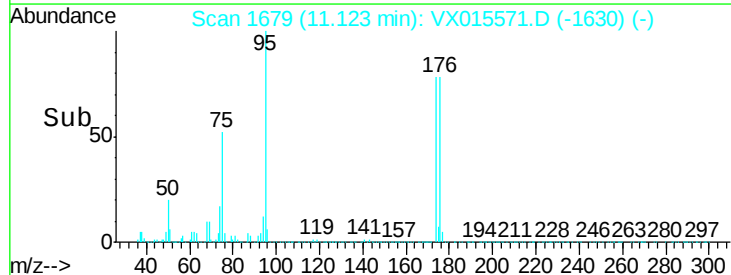
600000

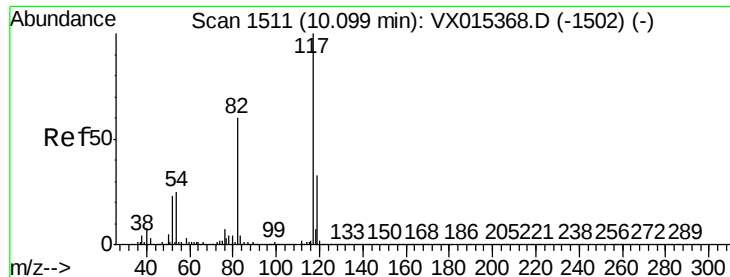
400000

200000

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Time-->

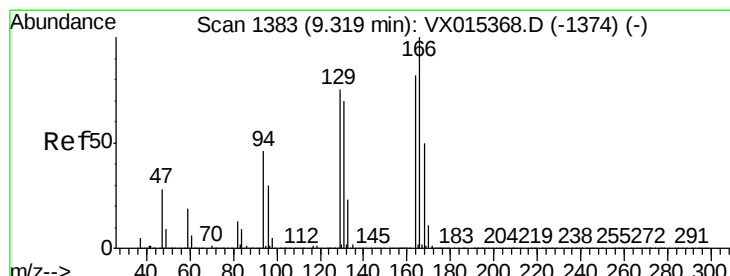
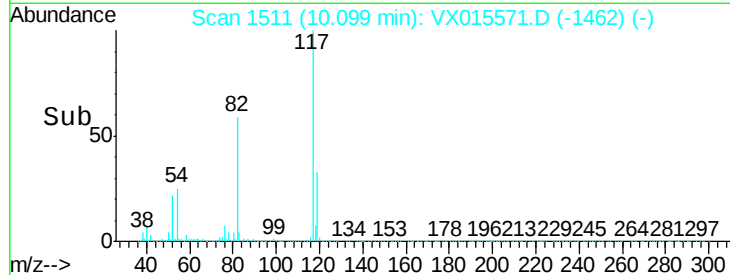
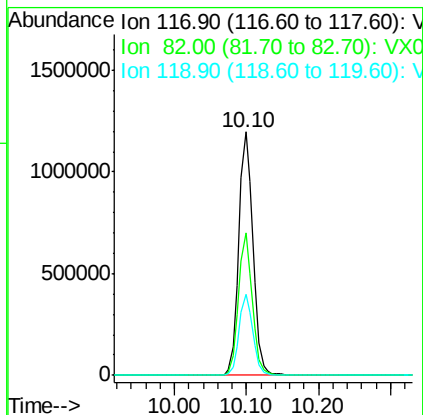
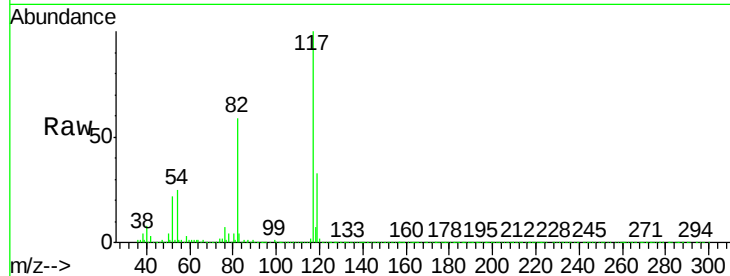




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015571.D
Acq: 08 Apr 2020 16:02

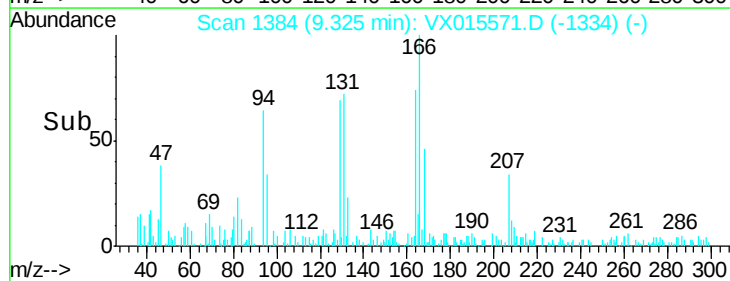
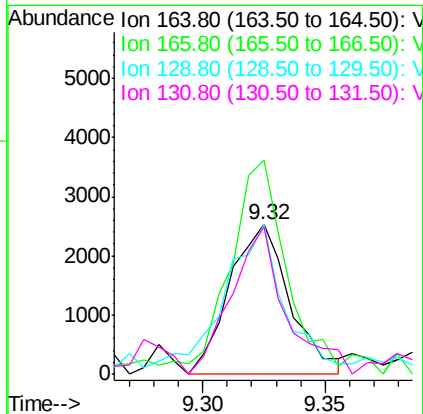
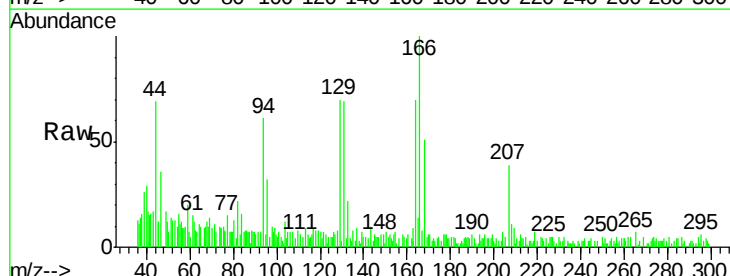
Instrument :
MSVOA_X
ClientSampleId :
STO08MW025-200407

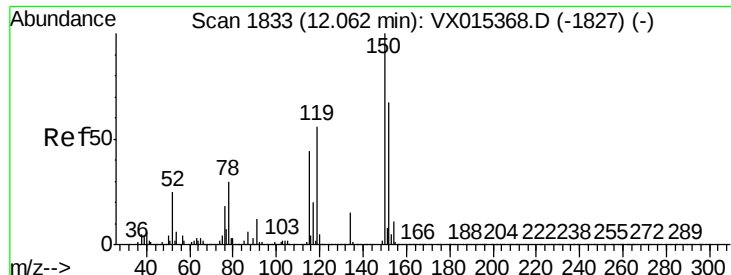
Tot Ion:117 Resp: 1631308
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 33.4 26.8 40.2



#64
Tetrachloroethene
Concen: 0.351 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015571.D
Acq: 08 Apr 2020 16:02

Tgt Ion:164 Resp: 4324
Ion Ratio Lower Upper
164 100
166 137.8 97.8 146.6
129 92.6 73.0 109.4
131 91.3 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: VX015571.D

Acq: 08 Apr 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

STOO8MW025-200407

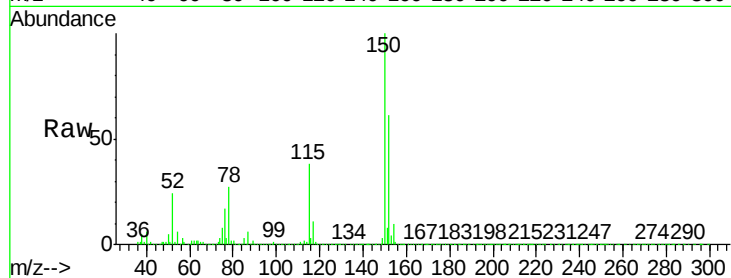
Tot Ion:152 Resp: 889335

Ion Ratio Lower Upper

152 100

115 57.9 39.0 116.9

150 160.6 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

