

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015573.D
 Acq On : 08 Apr 2020 16:47
 Operator : JC/SP
 Sample : L2190-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-16-200406

Quant Time: Apr 09 07:45:25 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

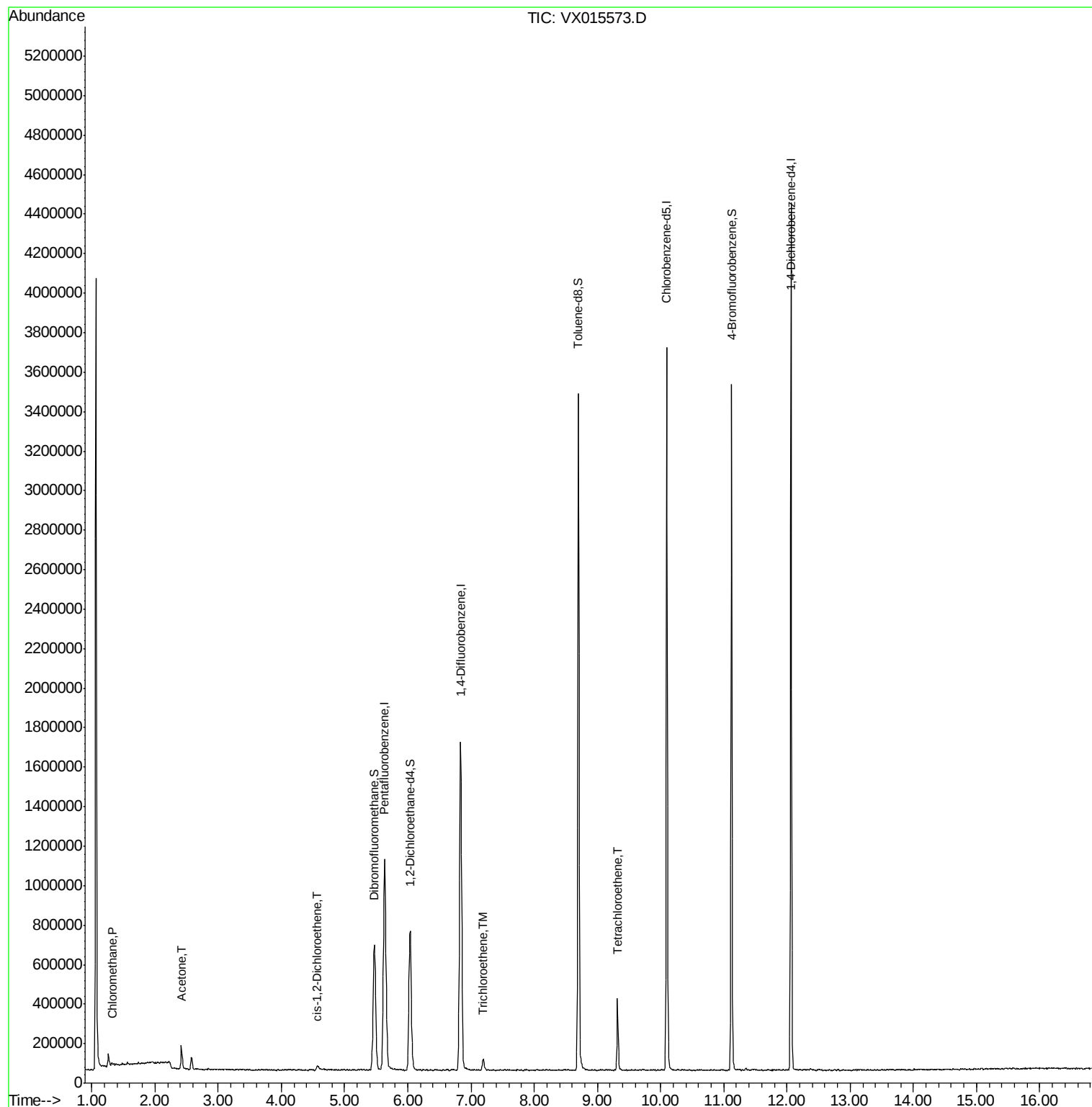
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1067634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1674561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1605329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	894020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	702930	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
35) Dibromofluoromethane	5.47	113	530028	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.70	98	1974142	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.12	95	862782	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
Target Compounds						
3) Chloromethane	1.31	50	5471	0.457	ug/l	97
16) Acetone	2.42	43	129885	20.077	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	12862	0.994	ug/l	85
44) Trichloroethene	7.20	130	23958	1.944	ug/l	82
64) Tetrachloroethene	9.32	164	75510	6.233	ug/l	89

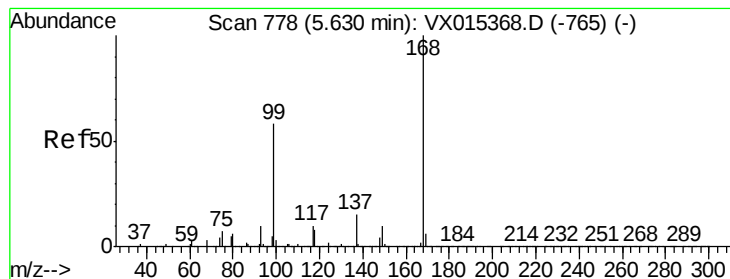
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
M-16-200406

Quant Time: Apr 09 07:45:25 2020
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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: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

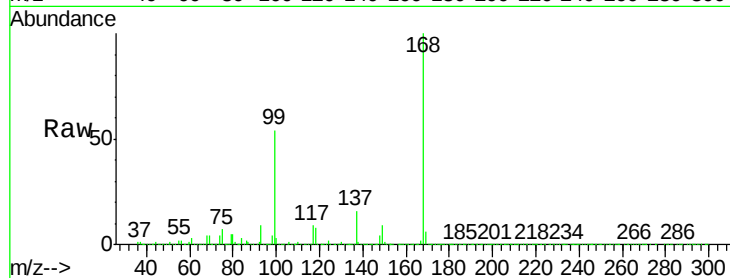
M-16-200406

Tot Ion:168 Resp: 1067634

Ion Ratio Lower Upper

168 100

99 53.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

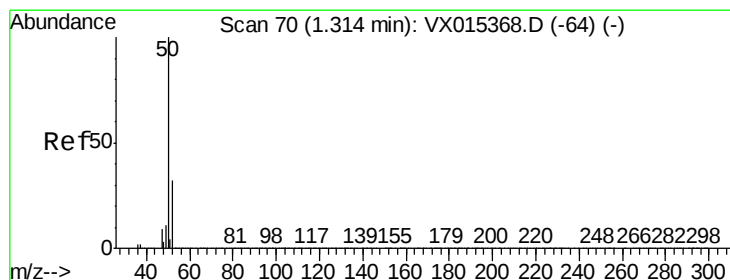
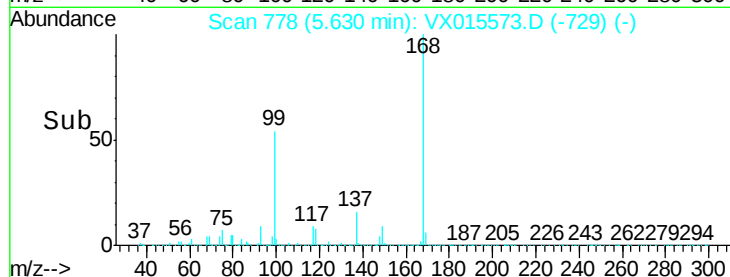
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.457 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015573.D

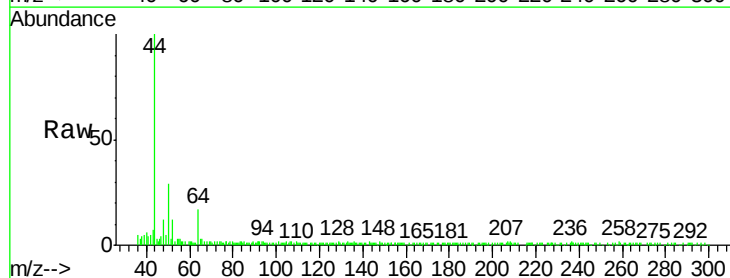
Acq: 08 Apr 2020 16:47

Tgt Ion: 50 Resp: 5471

Ion Ratio Lower Upper

50 100

52 33.3 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

6000

5000

4000

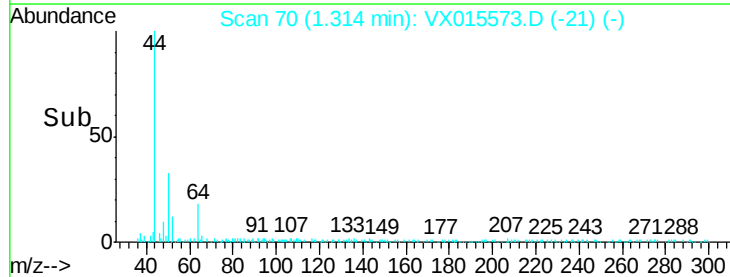
3000

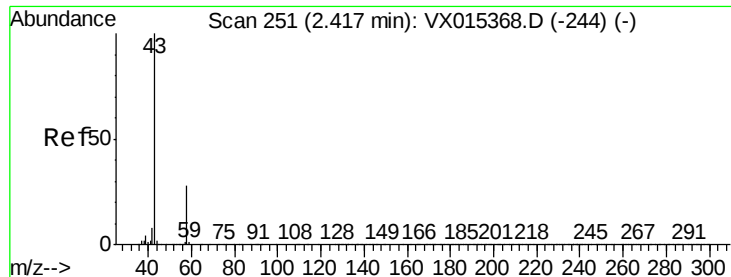
2000

1000

0

Time-->





#16

Acetone

Concen: 20.077 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

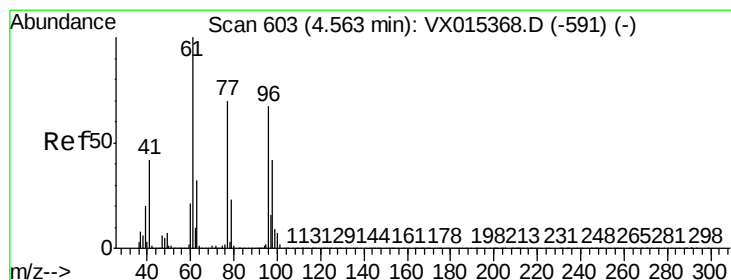
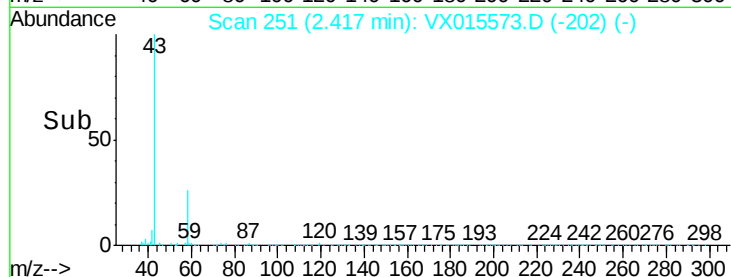
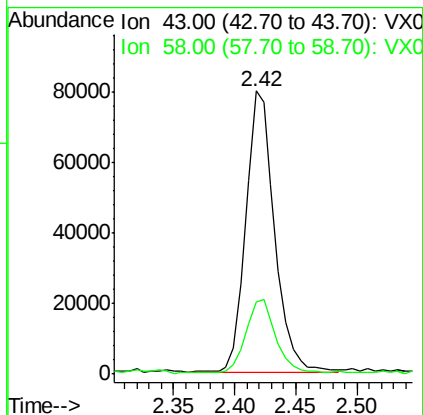
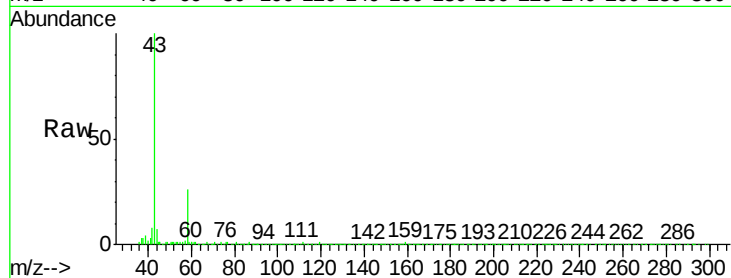
M-16-200406

Tot Ion: 43 Resp: 129885

Ion Ratio Lower Upper

43 100

58 25.1 22.1 33.1



#27

cis-1,2-Dichloroethene

Concen: 0.994 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

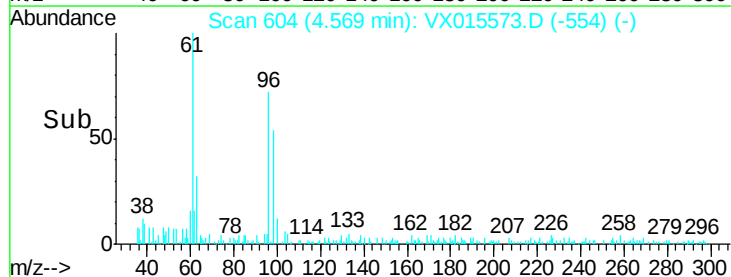
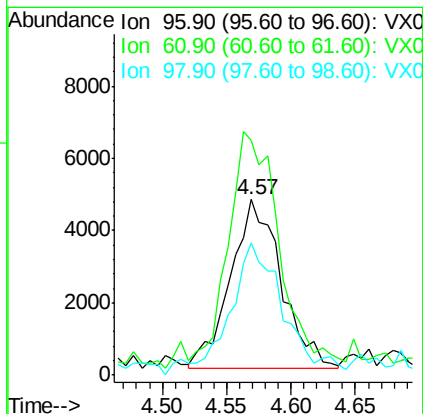
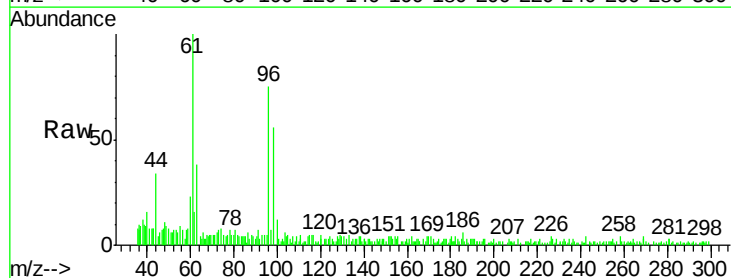
Tgt Ion: 96 Resp: 12862

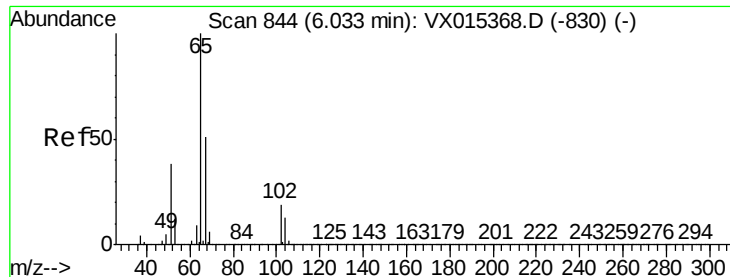
Ion Ratio Lower Upper

96 100

61 131.3 0.0 308.4

98 71.8 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 46.682 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

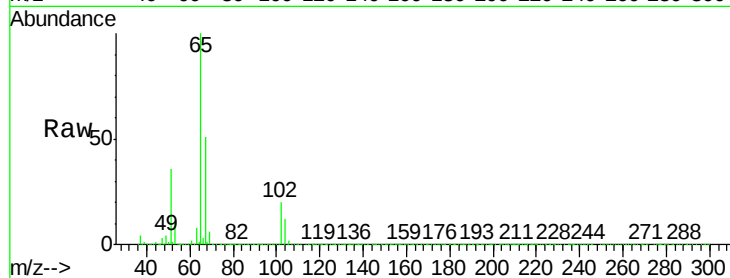
M-16-200406

Tot Ion: 65 Resp: 702930

Ion Ratio Lower Upper

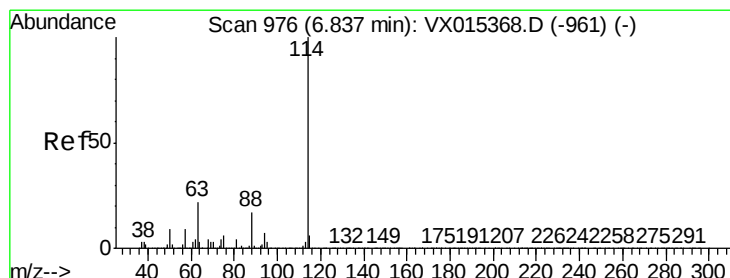
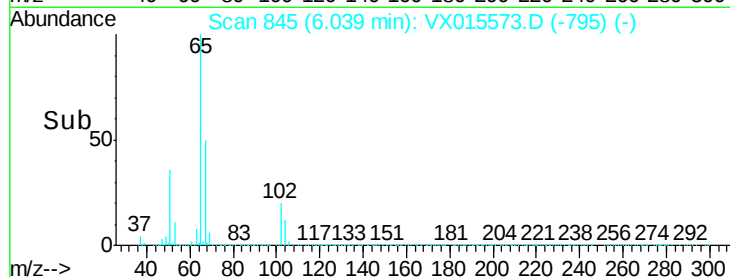
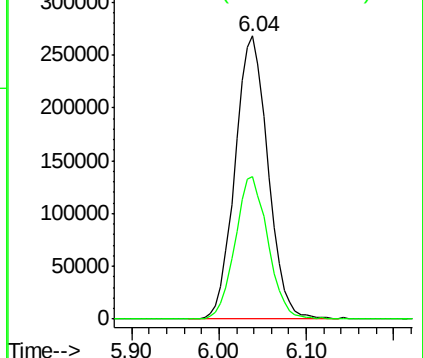
65 100

67 49.9 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

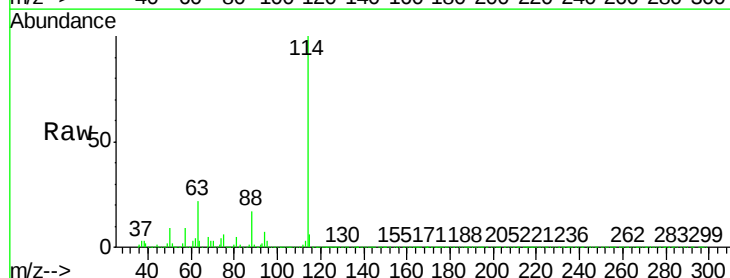
Tgt Ion: 114 Resp: 1674561

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.2

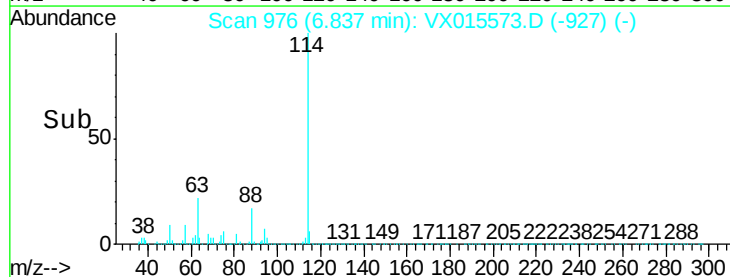
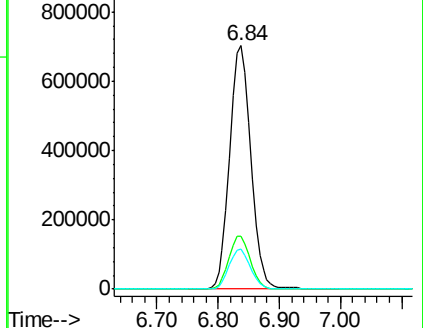
88 16.5 0.0 33.8

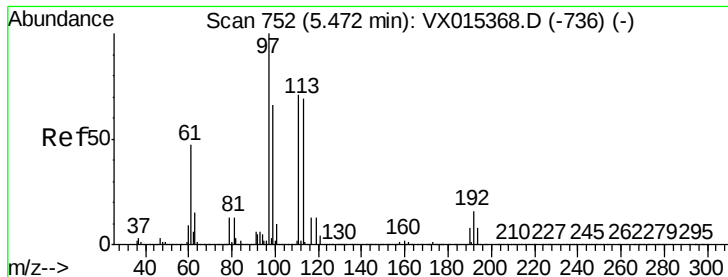


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.516 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

M-16-200406

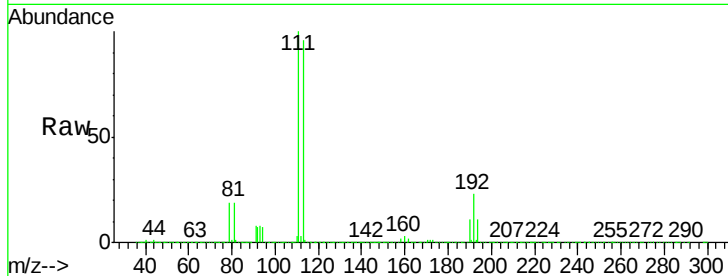
Tot Ion:113 Resp: 530028

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

192 22.4 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

250000

200000

150000

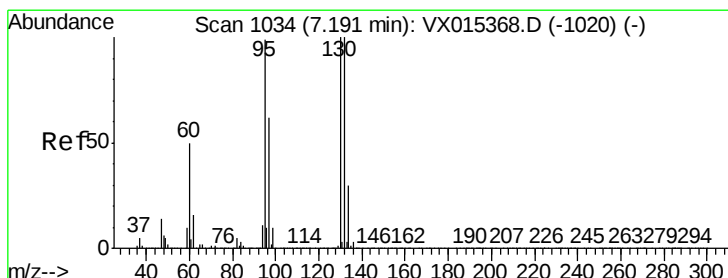
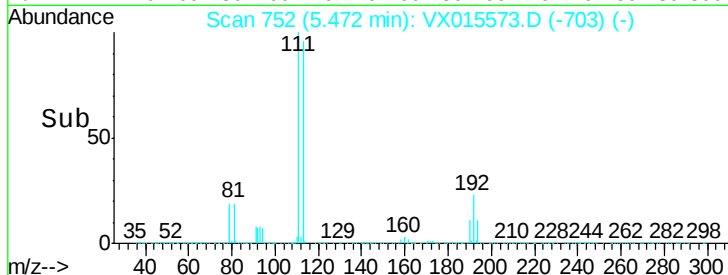
100000

50000

0

5.30 5.40 5.50 5.60

Time-->



#44

Trichloroethene

Concen: 1.944 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015573.D

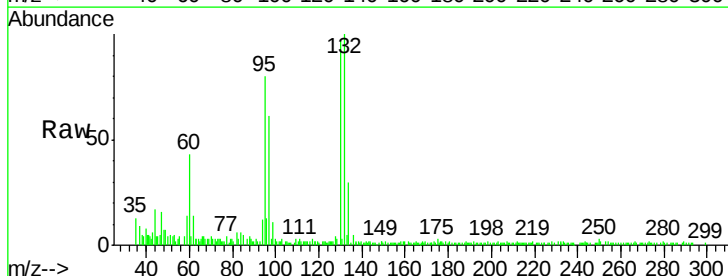
Acq: 08 Apr 2020 16:47

Tgt Ion:130 Resp: 23958

Ion Ratio Lower Upper

130 100

95 81.1 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

12000

10000

8000

6000

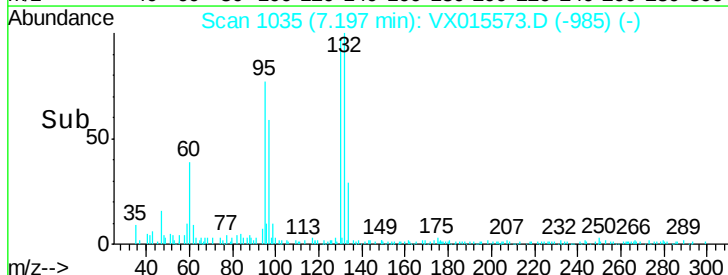
4000

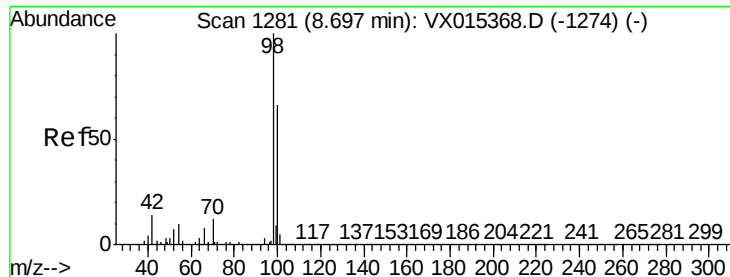
2000

0

7.10 7.15 7.20 7.25 7.30

Time-->





#50

Toluene-d8

Concen: 50.092 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

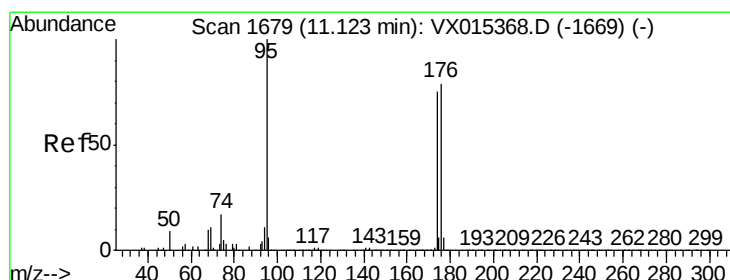
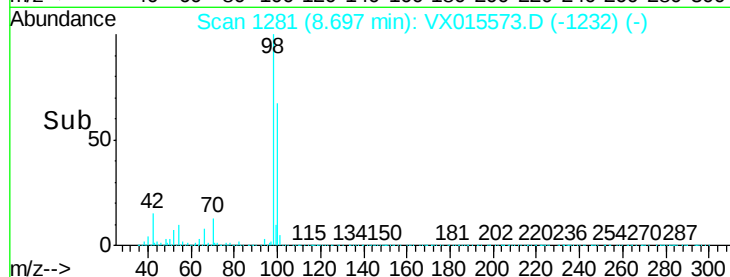
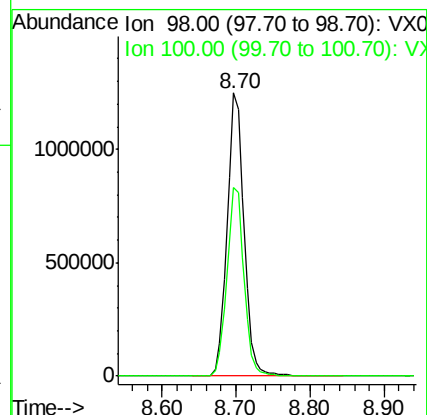
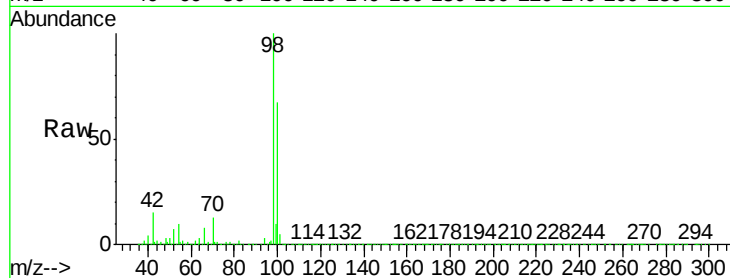
M-16-200406

Tot Ion: 98 Resp: 1974142

Ion Ratio Lower Upper

98 100

100 67.5 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 53.869 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015573.D

Acq: 08 Apr 2020 16:47

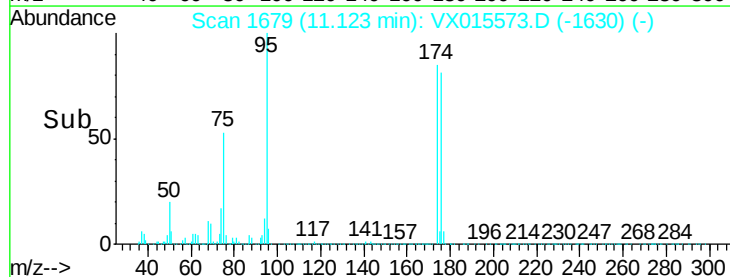
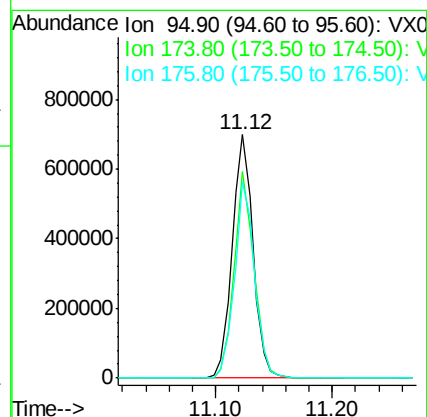
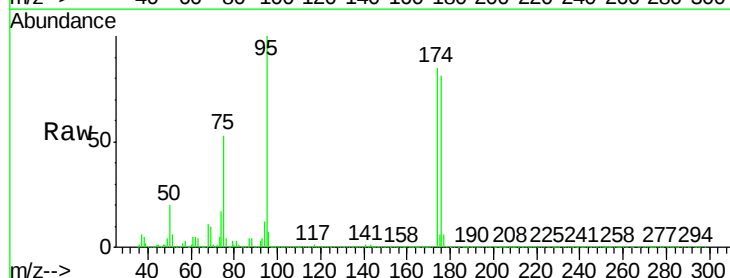
Tgt Ion: 95 Resp: 862782

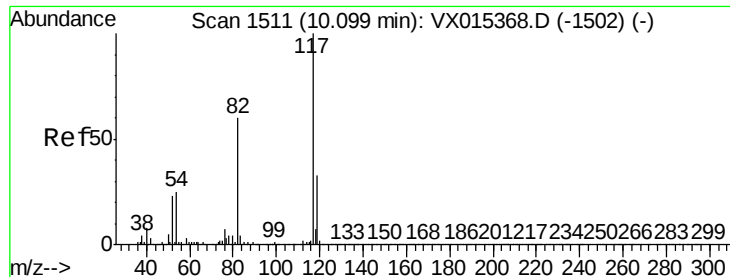
Ion Ratio Lower Upper

95 100

174 82.2 0.0 158.6

176 78.3 0.0 159.0

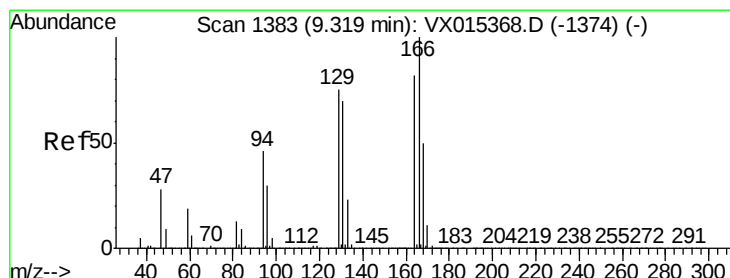
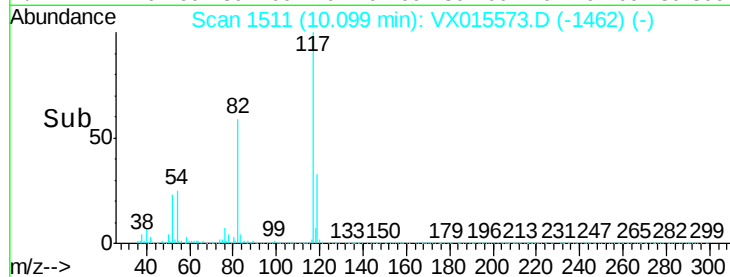
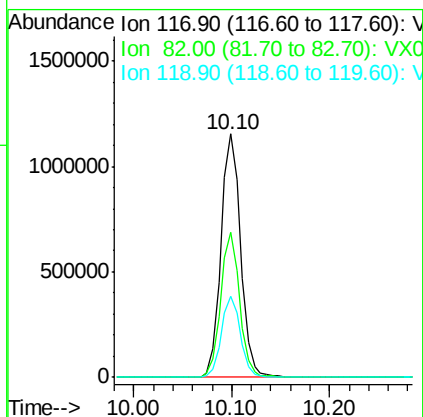
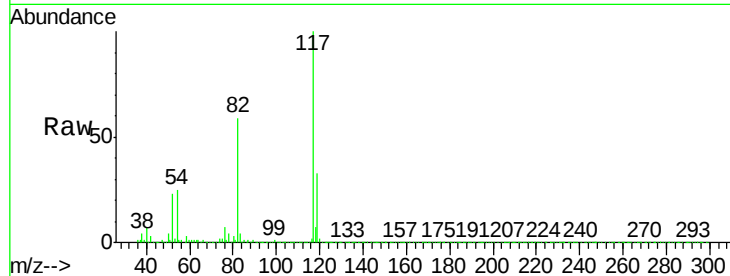




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015573.D
Acq: 08 Apr 2020 16:47

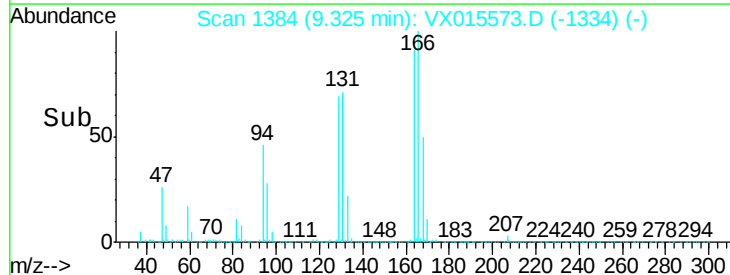
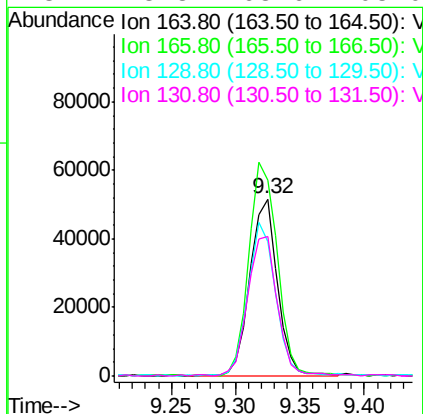
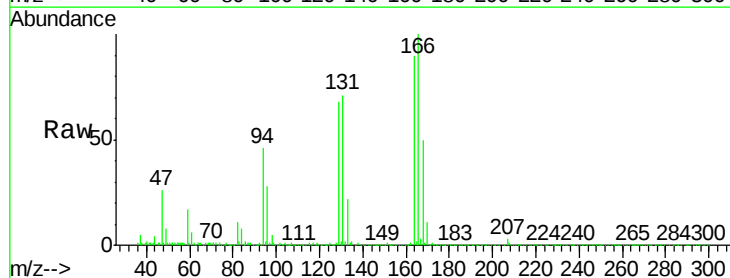
Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

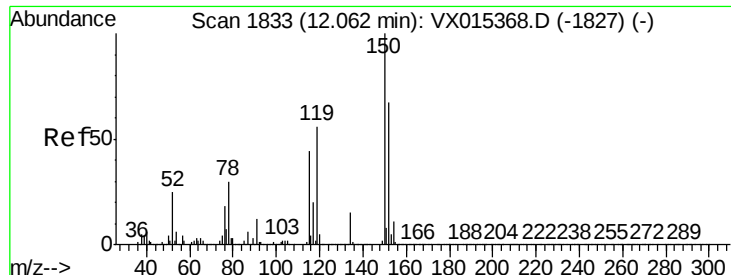
Tot Ion:117 Resp: 1605329
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 33.2 26.8 40.2



#64
Tetrachloroethene
Concen: 6.233 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015573.D
Acq: 08 Apr 2020 16:47

Tgt Ion:164 Resp: 75510
Ion Ratio Lower Upper
164 100
166 111.1 97.8 146.6
129 75.4 73.0 109.4
131 78.8 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: VX015573.D

Acq: 08 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

M-16-200406

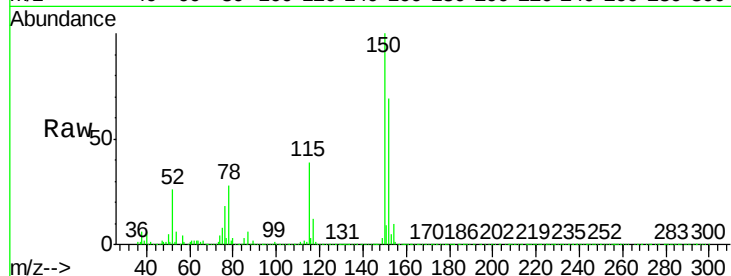
Tot Ion:152 Resp: 894020

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

150 149.9 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

