

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015524.D
 Acq On : 06 Apr 2020 19:35
 Operator : JC/SP
 Sample : L2164-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Apr 07 07:36:24 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

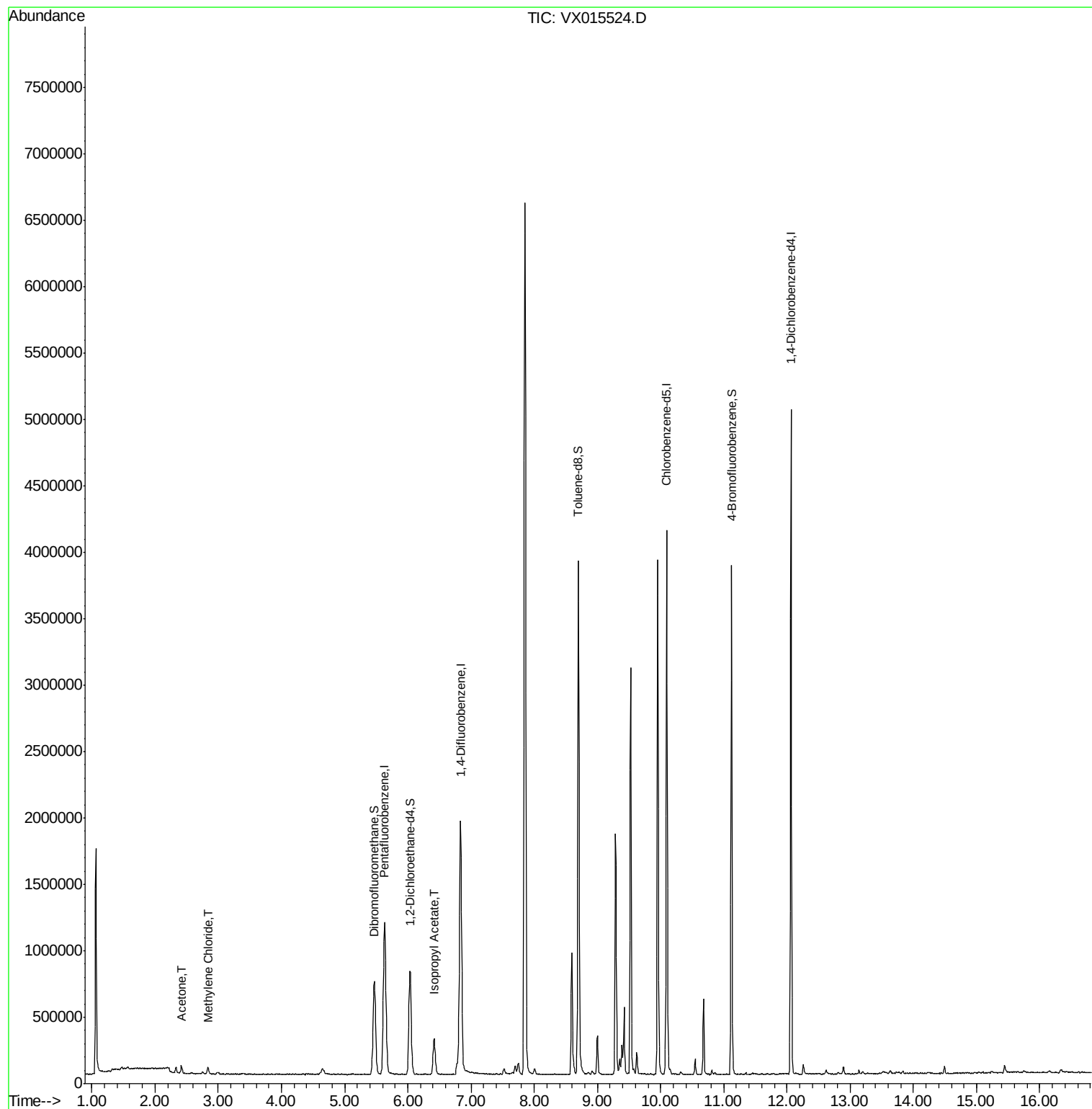
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1161854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1869156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1773990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	996818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	768814	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
35) Dibromofluoromethane	5.47	113	586779	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	8.70	98	2235055	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.12	95	987678	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
Target Compounds						
16) Acetone	2.42	43	64394	9.147	ug/l	97
20) Methylene Chloride	2.84	84	21741	1.653	ug/l	94
43) Isopropyl Acetate	6.42	43	398255	10.521	ug/l	99

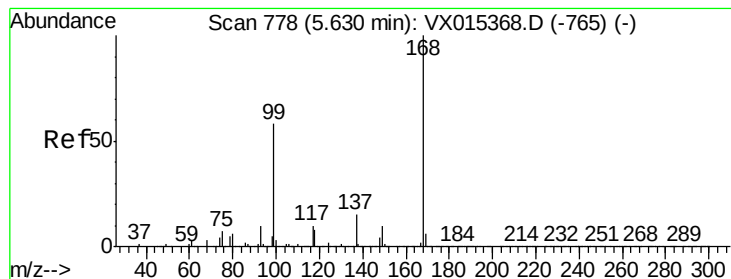
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

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Acq: 06 Apr 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

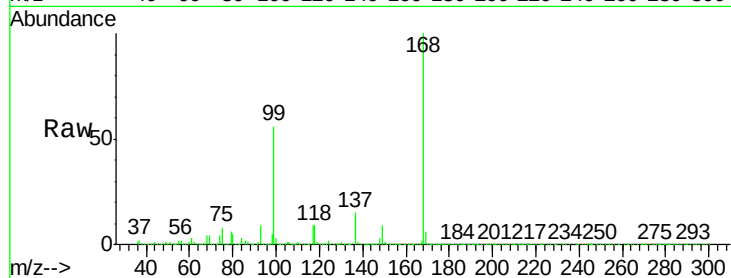
ROLL-OFF-COMP

Tot Ion:168 Resp: 1161854

Ion Ratio Lower Upper

168 100

99 55.9 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

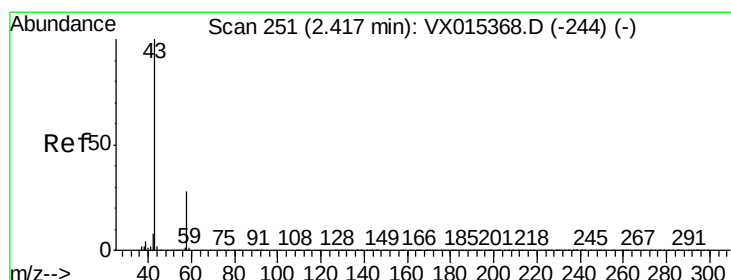
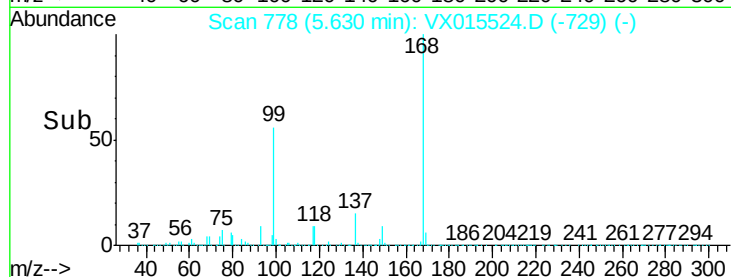
200000

100000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 9.147 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015524.D

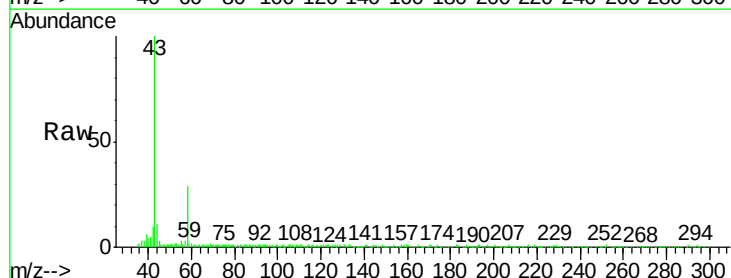
Acq: 06 Apr 2020 19:35

Tgt Ion: 43 Resp: 64394

Ion Ratio Lower Upper

43 100

58 29.1 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

40000

30000

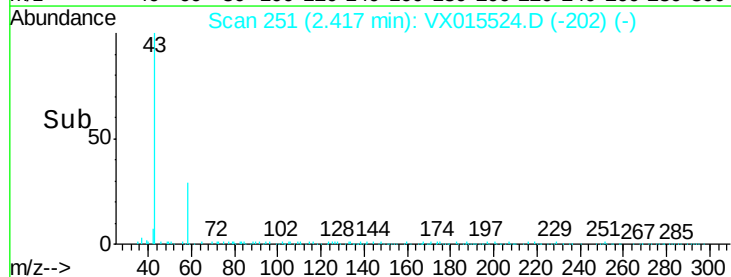
20000

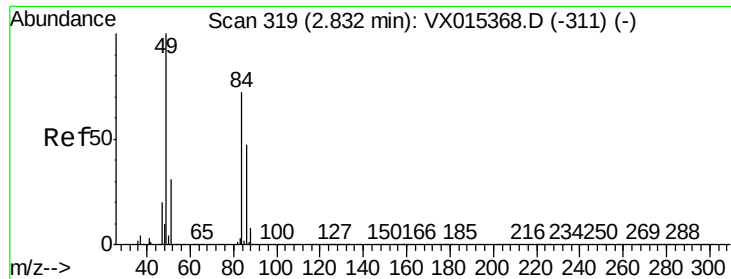
10000

0

2.35 2.40 2.45 2.50

Time-->

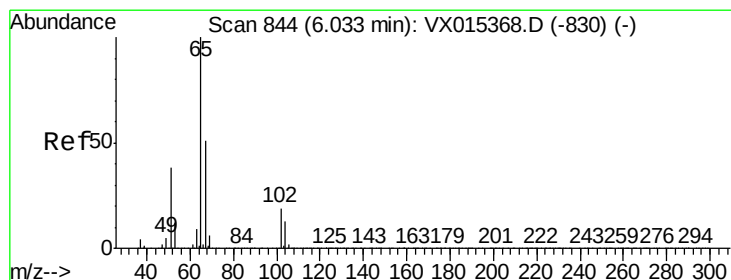
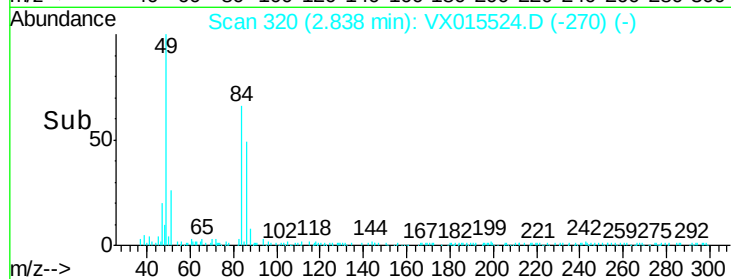
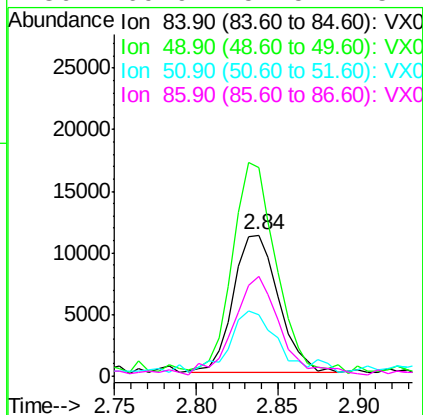
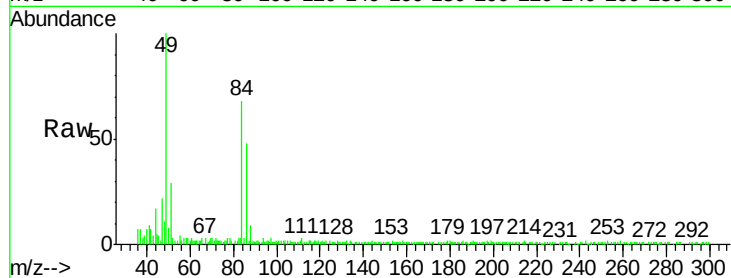




#20
Methylene Chloride
Concen: 1.653 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015524.D
Acq: 06 Apr 2020 19:35

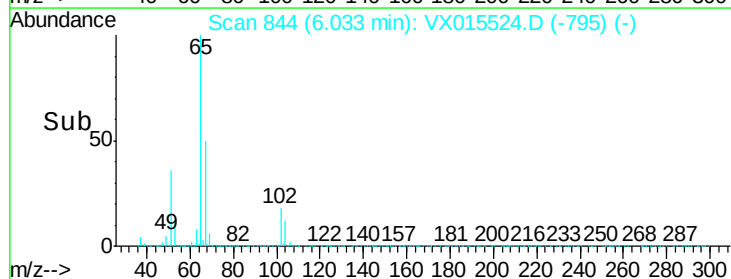
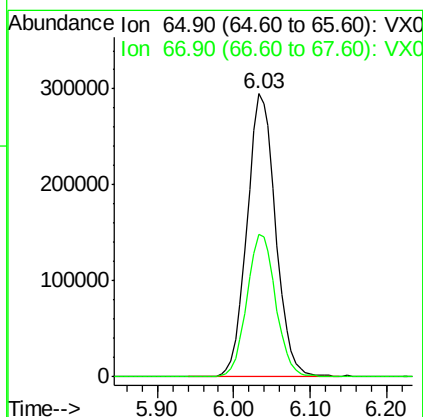
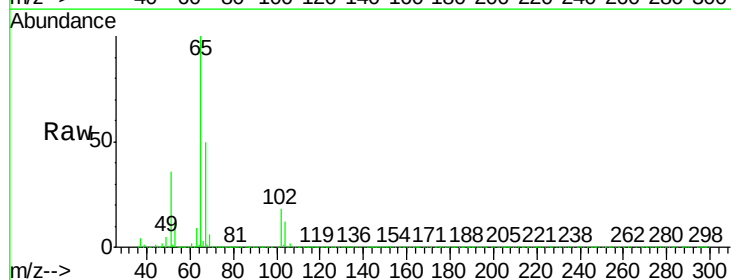
Instrument :
MSVOA_X
ClientSampleId :
ROLL-OFF-COMP

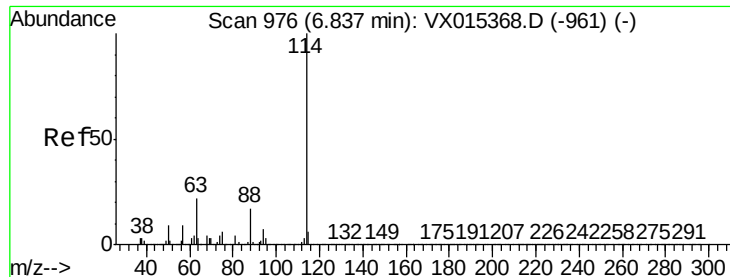
Tot Ion:	84	Resp:	21741
Ion	Ratio	Lower	Upper
84	100		
49	147.6	111.3	166.9
51	41.4	34.0	51.0
86	69.9	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 46.917 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015524.D
Acq: 06 Apr 2020 19:35

Tgt Ion:	65	Resp:	768814
Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VX015524.D

Acq: 06 Apr 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

ROLL-OFF-COMP

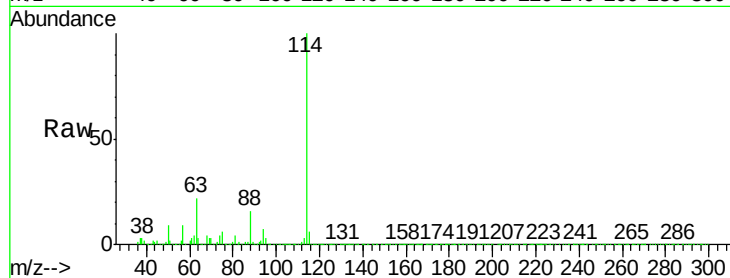
Tot Ion:114 Resp: 1869156

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

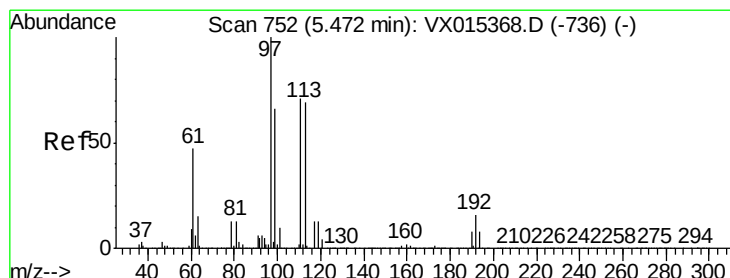
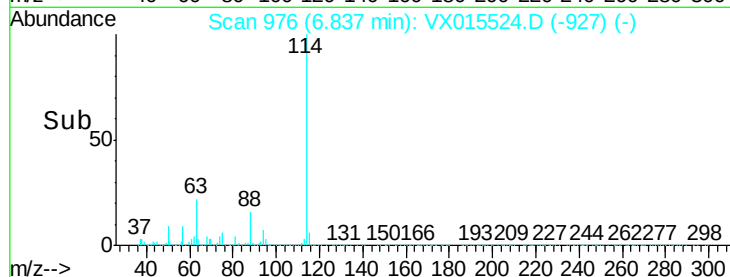
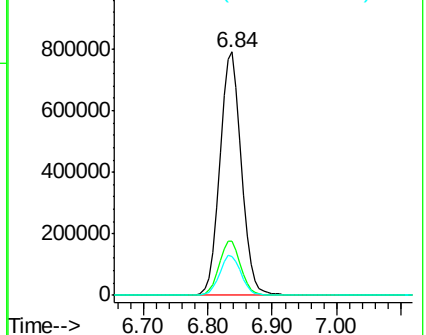
88 15.9 0.0 33.8



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: 49.110 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015524.D

Acq: 06 Apr 2020 19:35

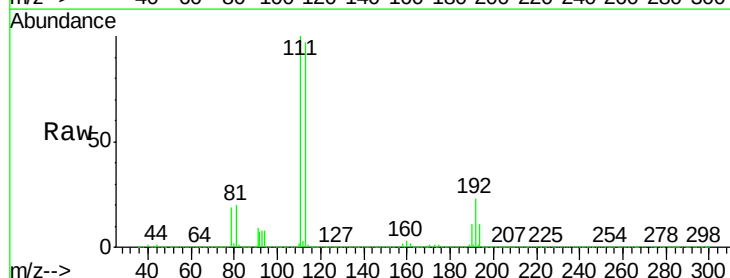
Tgt Ion:113 Resp: 586779

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

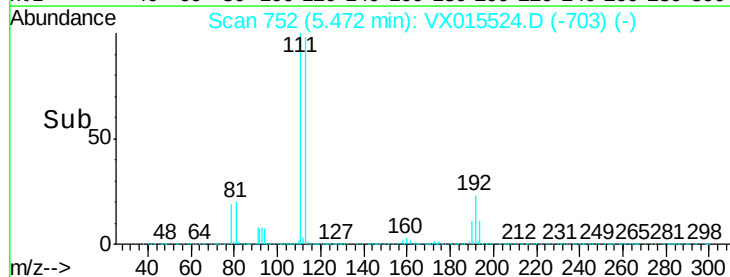
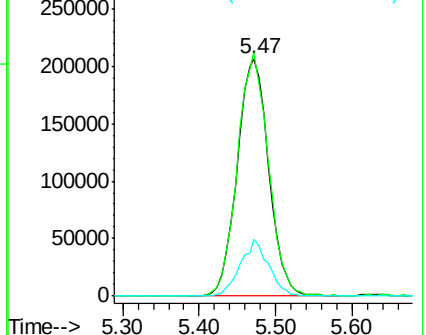
192 21.5 17.8 26.6

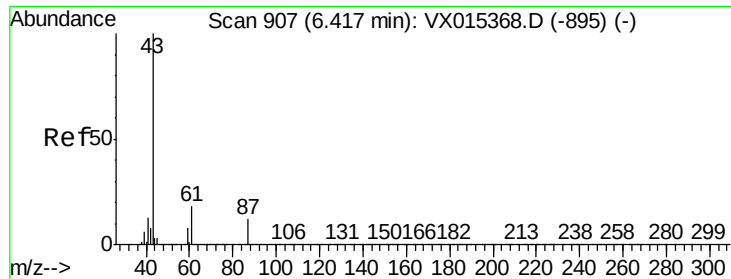


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.521 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015524.D

Acq: 06 Apr 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

ROLL-OFF-COMP

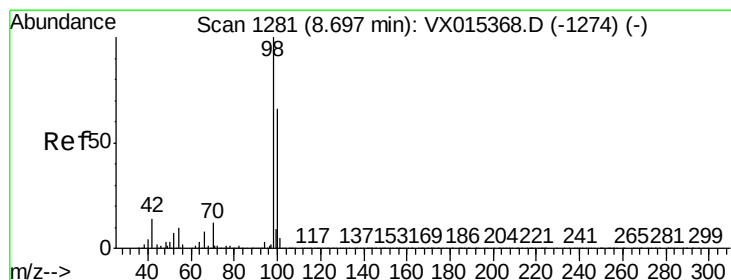
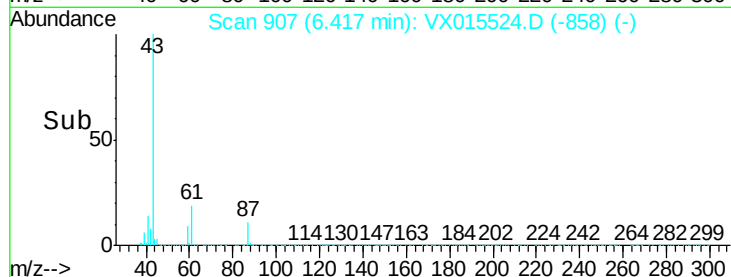
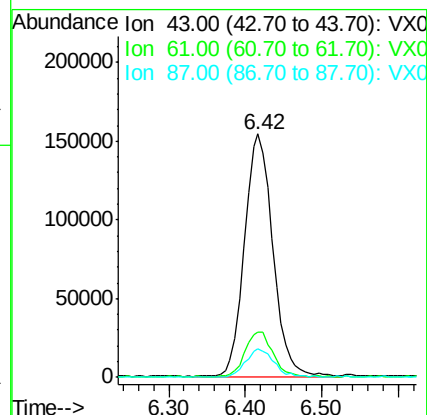
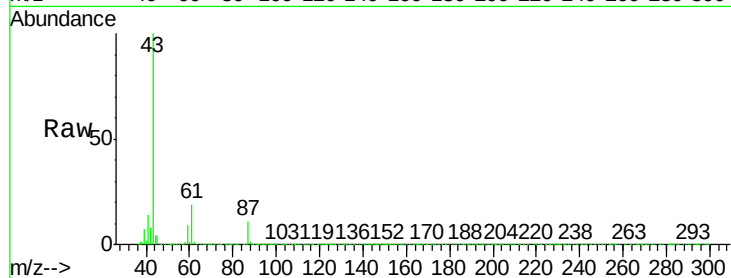
Tot Ion: 43 Resp: 398255

Ion Ratio Lower Upper

43 100

61 18.1 14.8 22.2

87 11.4 9.4 14.0



#50

Toluene-d8

Concen: 50.808 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015524.D

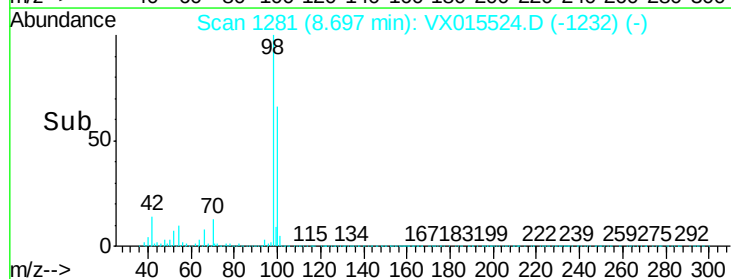
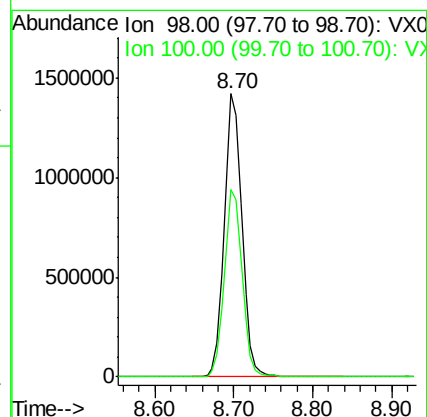
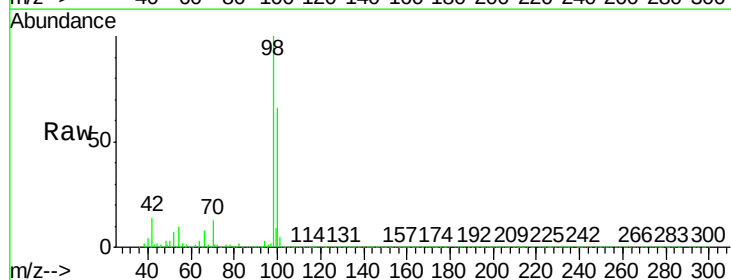
Acq: 06 Apr 2020 19:35

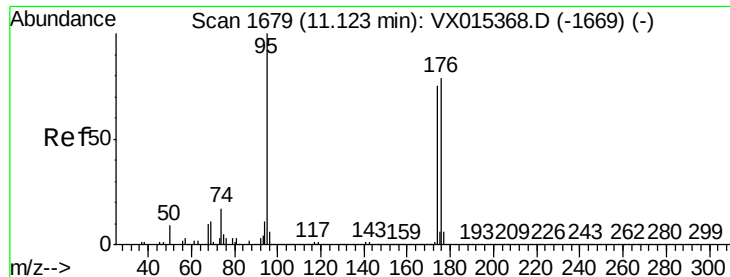
Tgt Ion: 98 Resp: 2235055

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 55.247 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015524.D

Acq: 06 Apr 2020 19:35

Instrument :

MSVOA_X

ClientSampleId :

ROLL-OFF-COMP

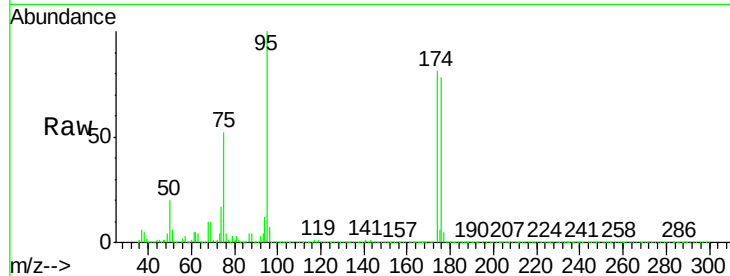
Tot Ion: 95 Resp: 987678

Ion Ratio Lower Upper

95 100

174 80.5 0.0 158.6

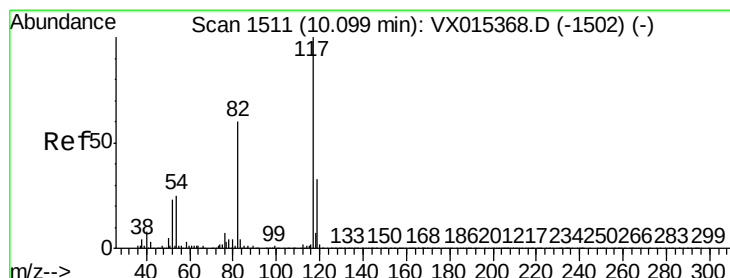
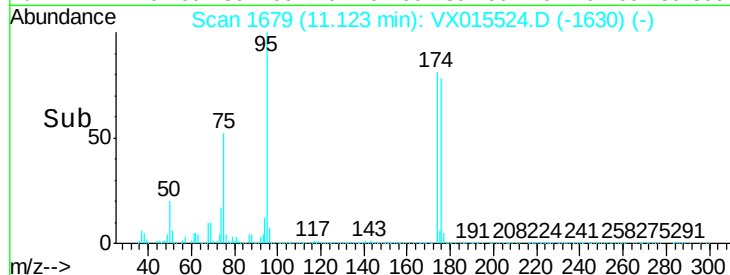
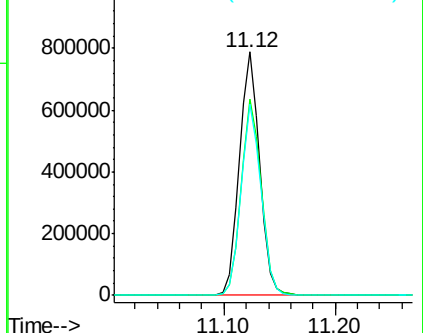
176 78.0 0.0 159.0



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: VX015524.D

Acq: 06 Apr 2020 19:35

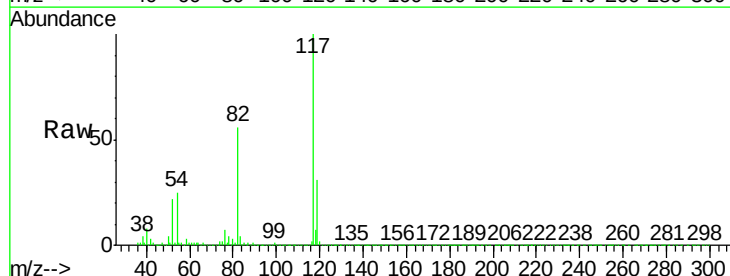
Tgt Ion: 117 Resp: 1773990

Ion Ratio Lower Upper

117 100

82 56.4 47.8 71.8

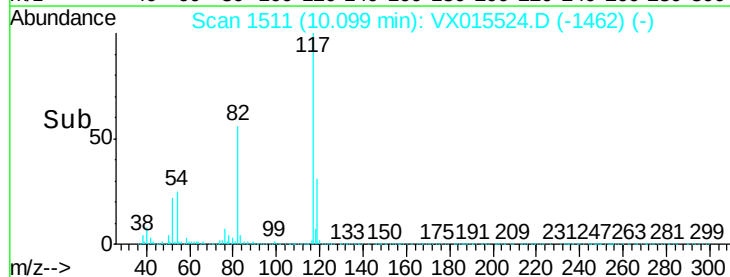
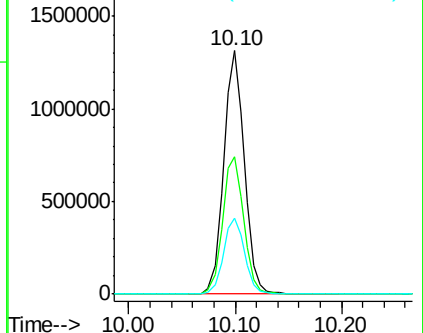
119 31.0 26.8 40.2

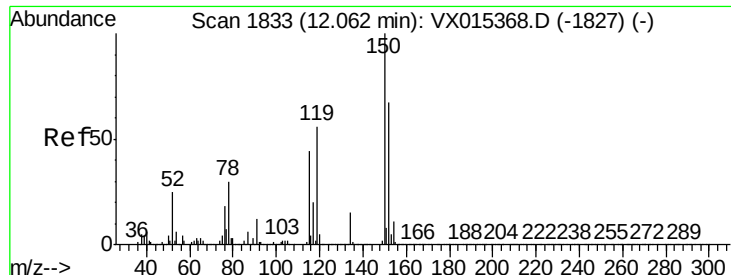


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

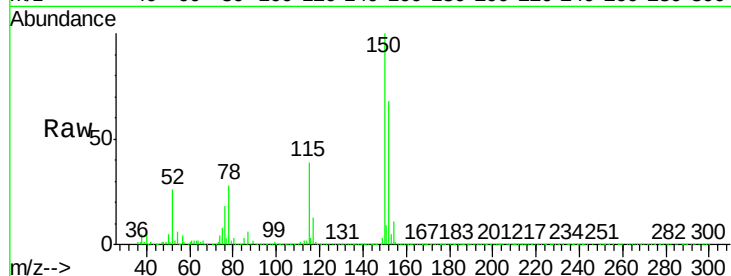




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015524.D
 Acq: 06 Apr 2020 19:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	39.0	116.9
150	154.5	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

