

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022720\
 Data File : VX015045.D
 Acq On : 27 Feb 2020 14:06
 Operator : JC/SP
 Sample : L1683-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPRING-20200225

Quant Time: Feb 27 16:19:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

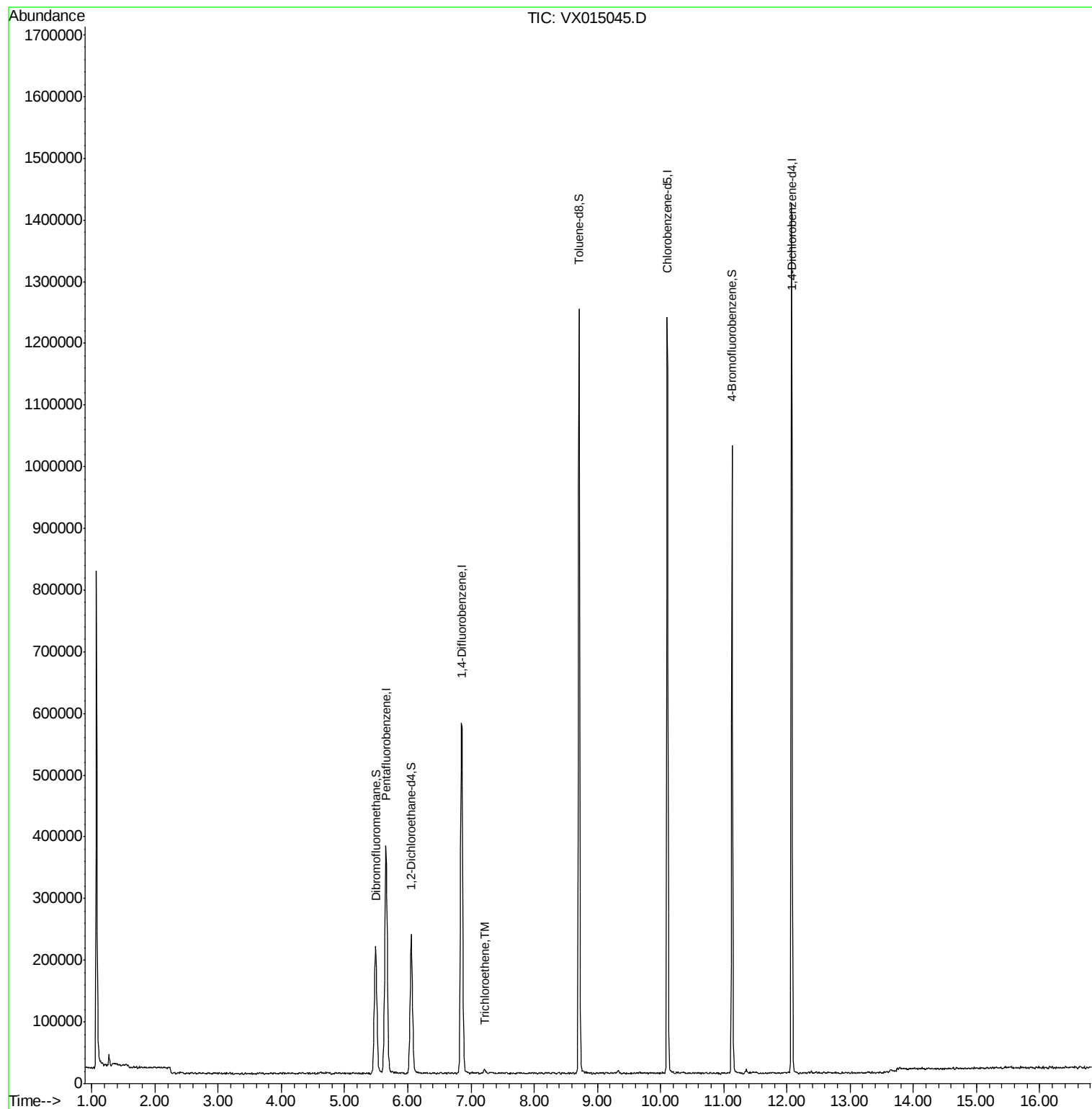
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	378437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	595930	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	576777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	204000	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
35) Dibromofluoromethane	5.49	113	180227	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	725546	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.13	95	272114	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.04%	
Target Compounds						
44) Trichloroethene	7.21	130	3200	0.692	ug/l	Qvalue 88

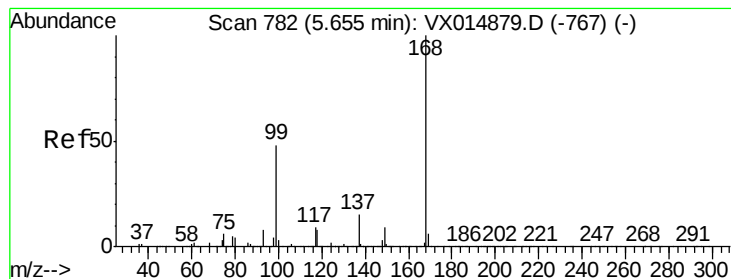
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 10 12:09:20 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015045.D

Acq: 27 Feb 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

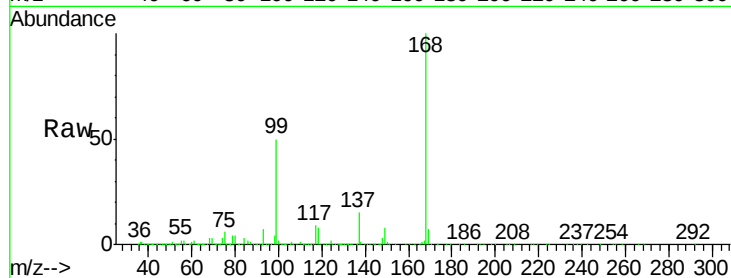
SPRING-20200225

Tot Ion:168 Resp: 378437

Ion Ratio Lower Upper

168 100

99 49.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

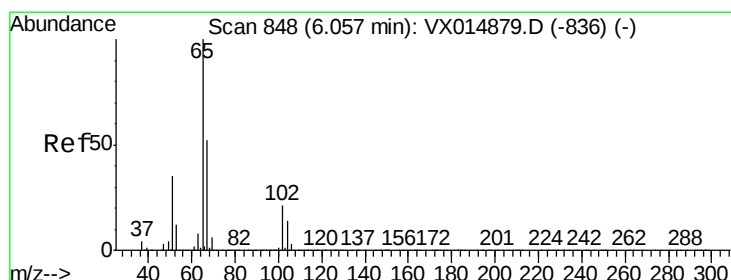
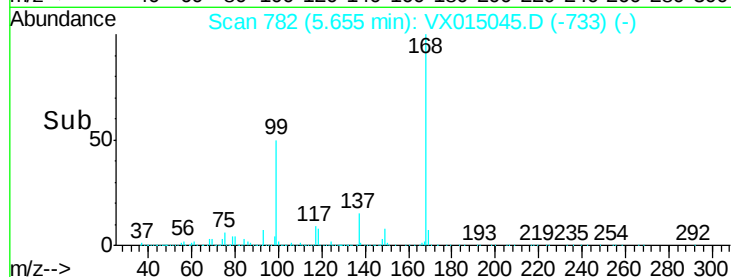
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.764 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015045.D

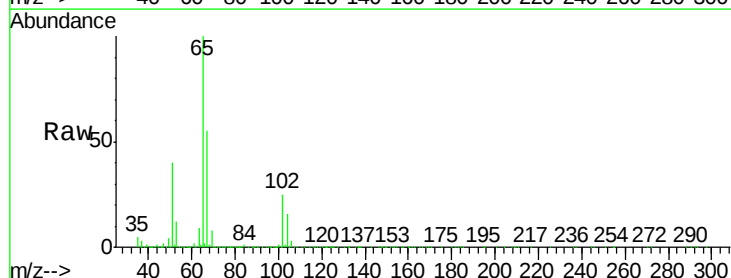
Acq: 27 Feb 2020 14:06

Tgt Ion: 65 Resp: 204000

Ion Ratio Lower Upper

65 100

67 55.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

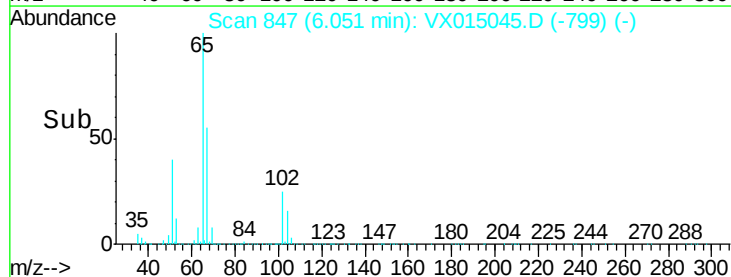
60000

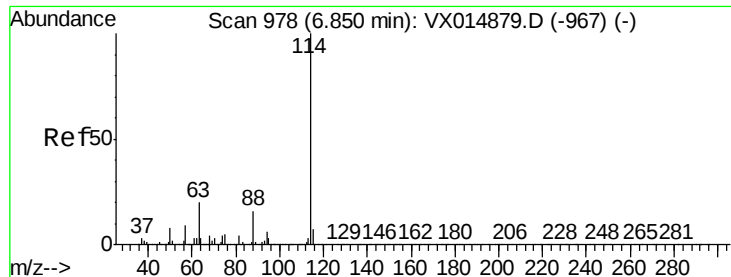
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015045.D

Acq: 27 Feb 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

SPRING-20200225

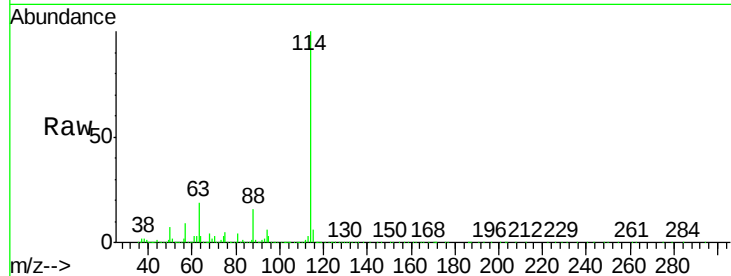
Tot Ion:114 Resp: 595930

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

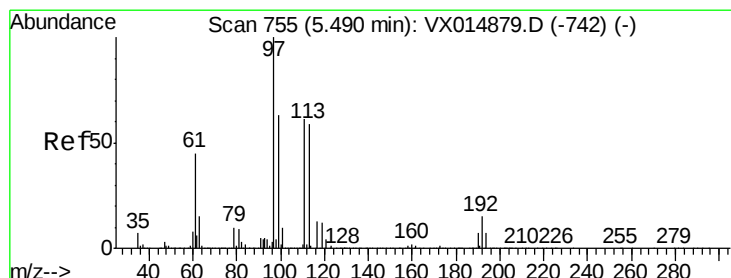
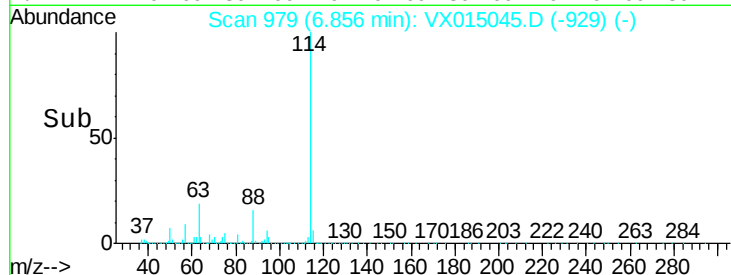
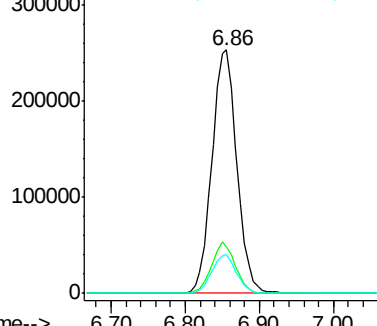
88 16.1 0.0 32.0



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: 49.194 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015045.D

Acq: 27 Feb 2020 14:06

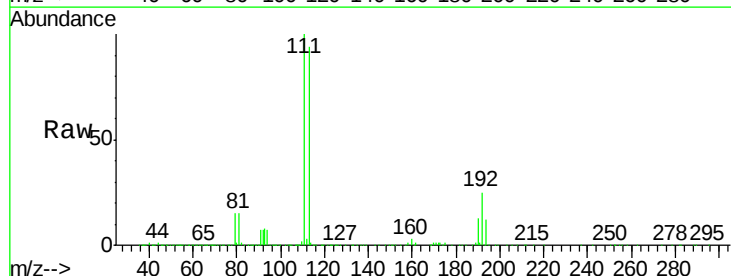
Tgt Ion:113 Resp: 180227

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

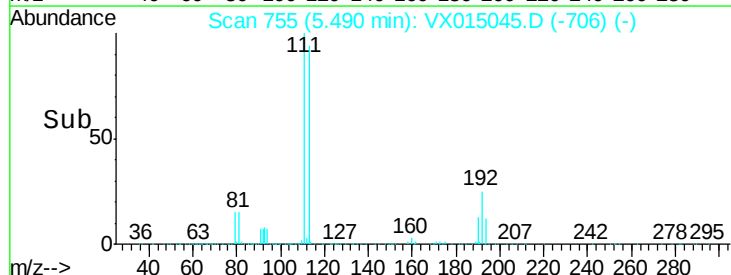
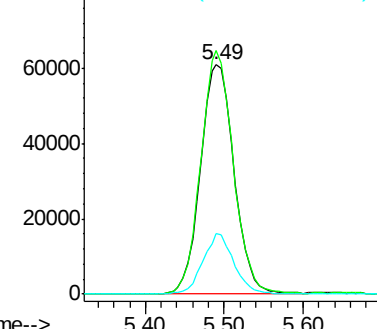
192 24.4 19.1 28.7

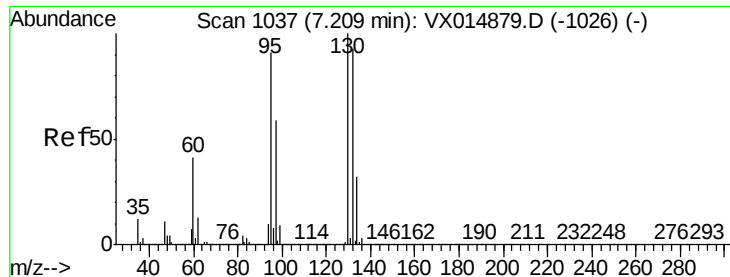


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.692 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015045.D

Acq: 27 Feb 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

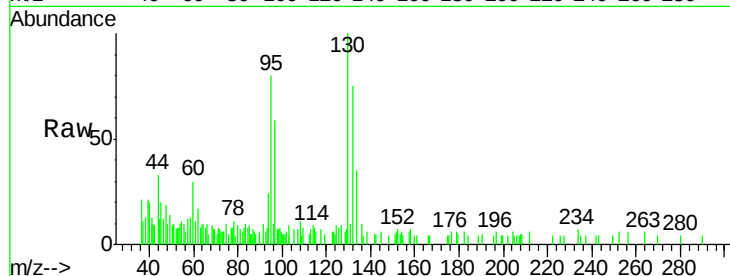
SPRING-20200225

Tot Ion:130 Resp: 3200

Ion Ratio Lower Upper

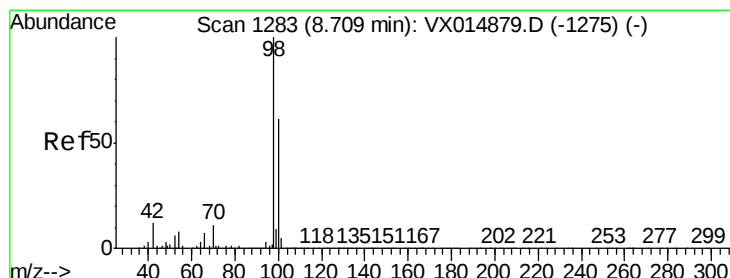
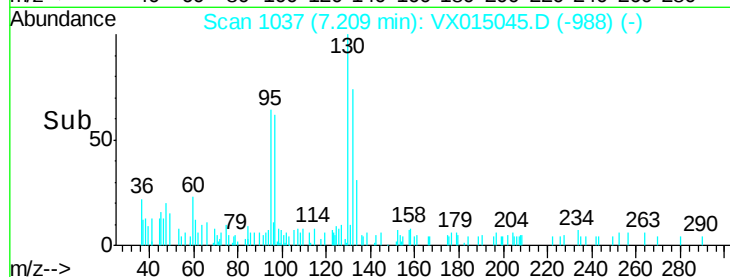
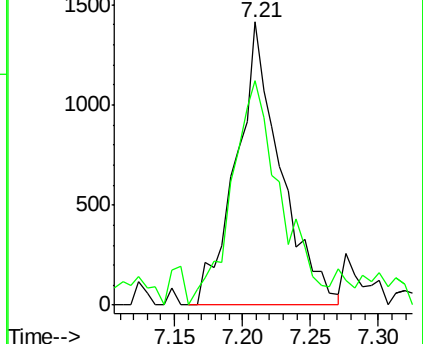
130 100

95 79.5 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.882 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015045.D

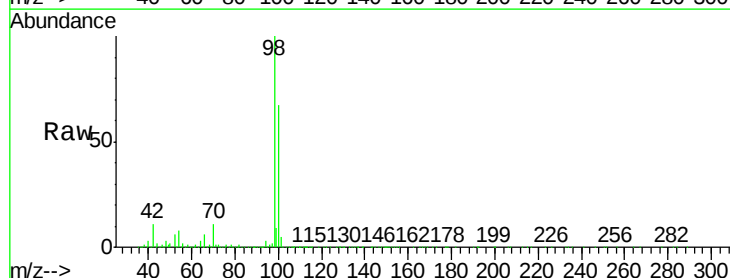
Acq: 27 Feb 2020 14:06

Tgt Ion: 98 Resp: 725546

Ion Ratio Lower Upper

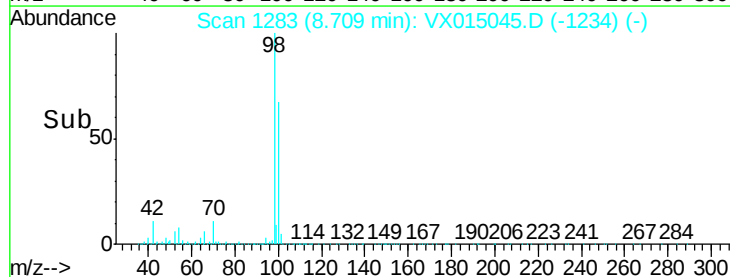
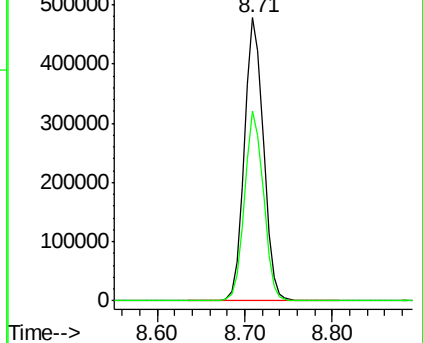
98 100

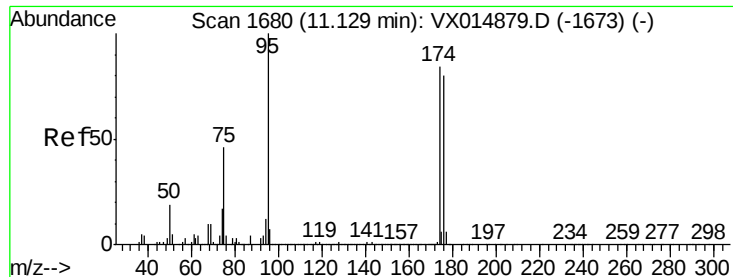
100 66.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

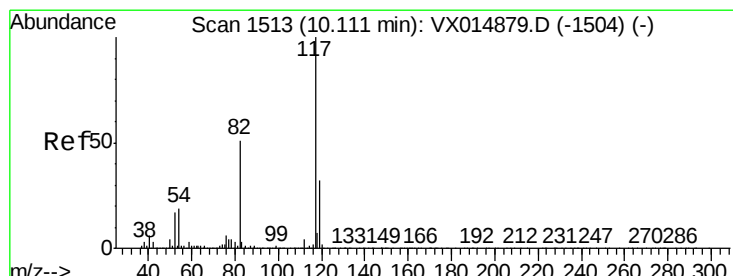
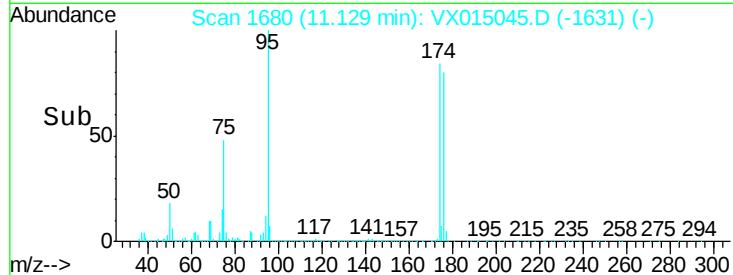
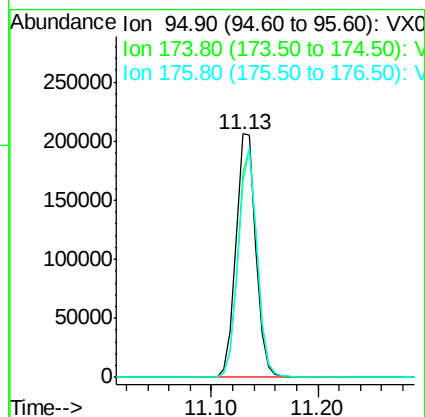
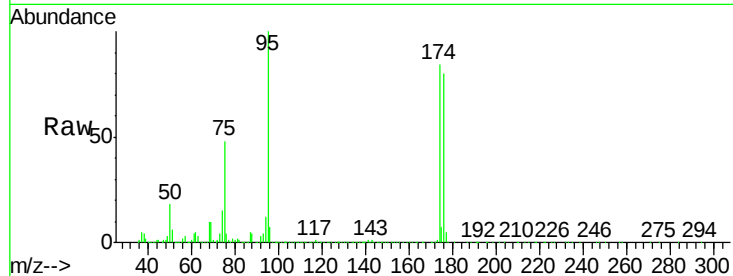




#62
4-Bromofluorobenzene
Concen: 54.016 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015045.D
Acq: 27 Feb 2020 14:06

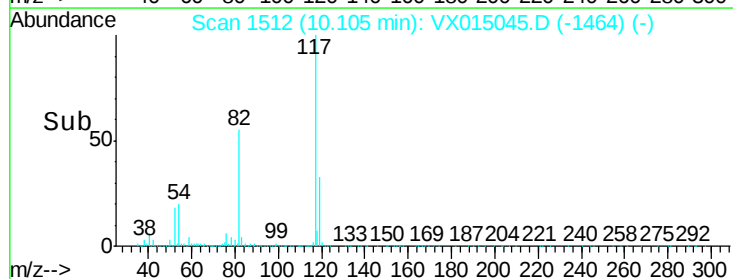
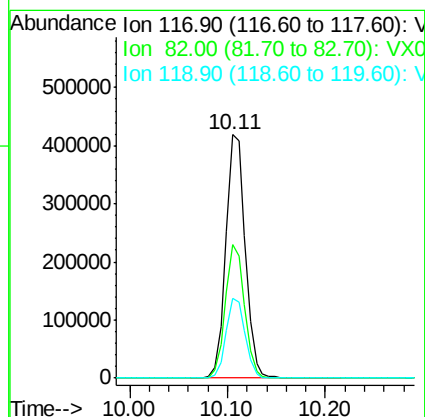
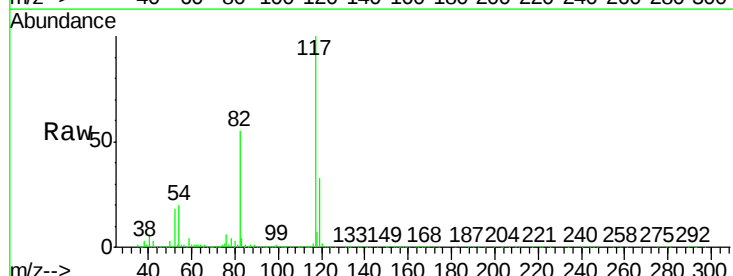
Instrument :
MSVOA_X
ClientSampleId :
SPRING-20200225

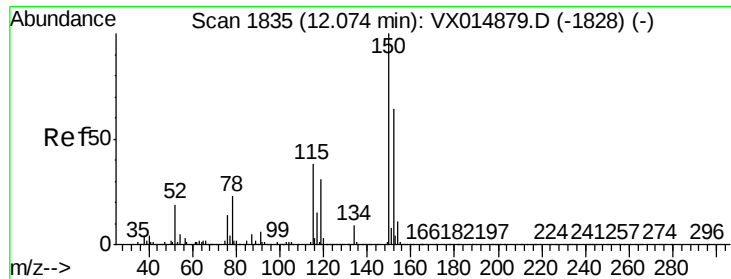
Tot Ion: 95 Resp: 272114
Ion Ratio Lower Upper
95 100
174 89.8 0.0 183.0
176 88.8 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015045.D
Acq: 27 Feb 2020 14:06

Tgt Ion: 117 Resp: 576777
Ion Ratio Lower Upper
117 100
82 55.1 40.5 60.7
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015045.D

Acq: 27 Feb 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

SPRING-20200225

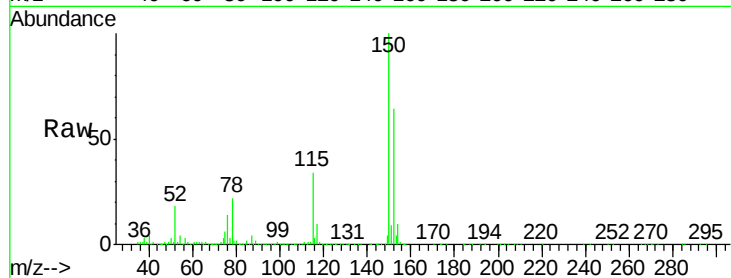
Tot Ion:152 Resp: 304256

Ion Ratio Lower Upper

152 100

115 54.0 38.6 116.0

150 155.9 0.0 349.0



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

