

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010820\
 Data File : VX014476.D
 Acq On : 08 Jan 2020 17:07
 Operator : JC/SP
 Sample : L1016-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-010720

Quant Time: Jan 09 07:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

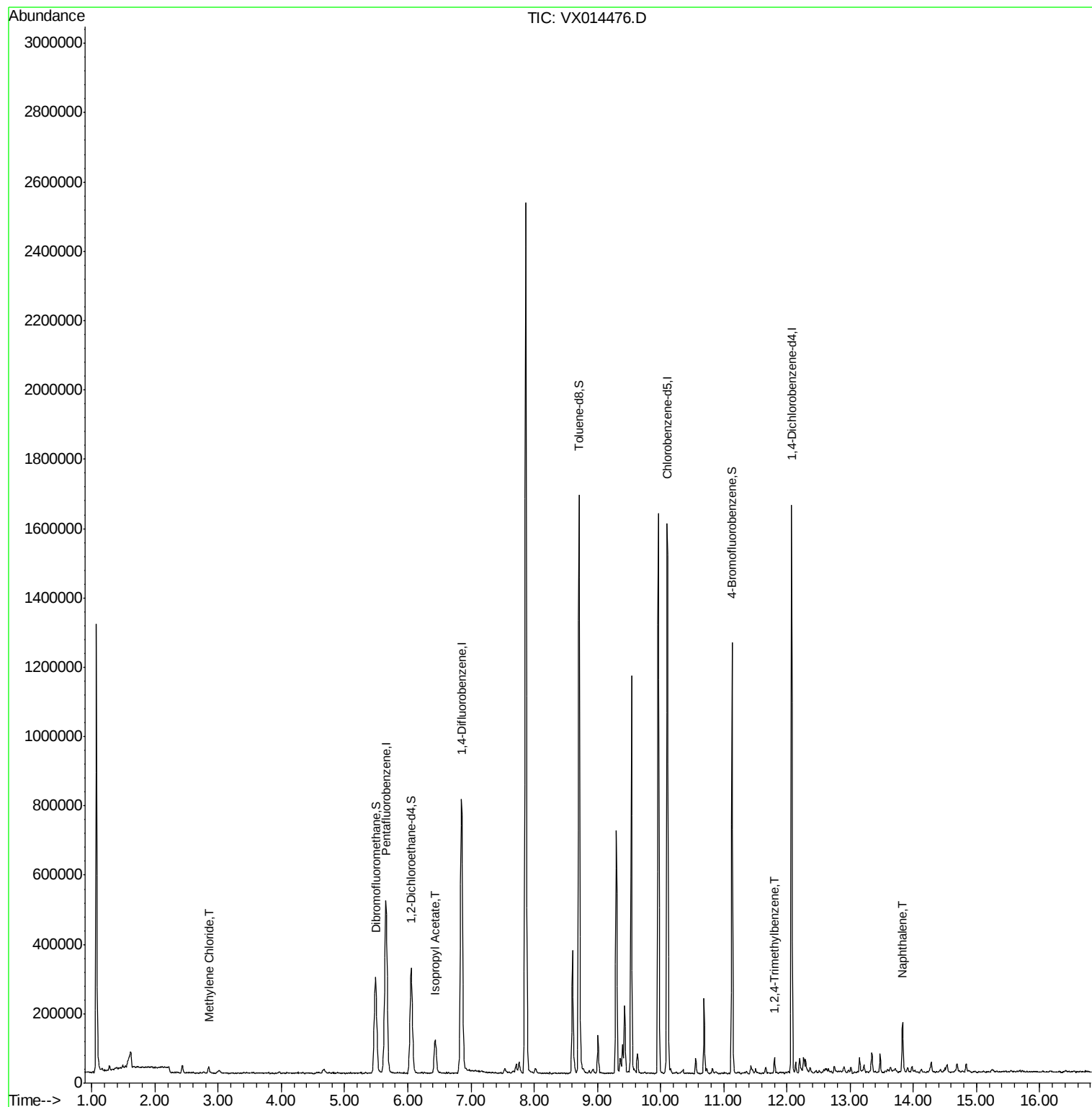
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	527575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	816358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	744383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	287244	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	5.49	113	238733	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	8.71	98	977117	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	334519	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
Target Compounds						
20) Methylene Chloride	2.85	84	9428	1.591	ug/l	91
43) Isopropyl Acetate	6.43	43	135713	10.075	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	21138	1.050	ug/l	98
95) Naphthalene	13.83	128	92961	3.647	ug/l	100

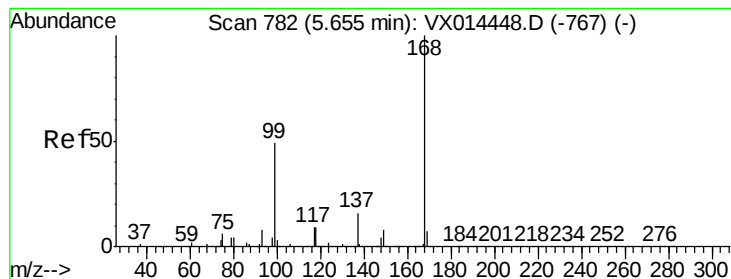
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

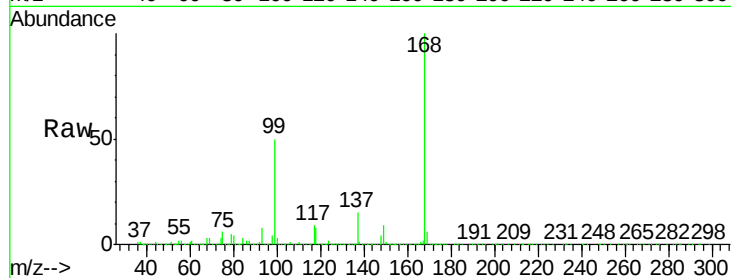
SU-02-010720

Tgt Ion:168 Resp: 527575

Ion Ratio Lower Upper

168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

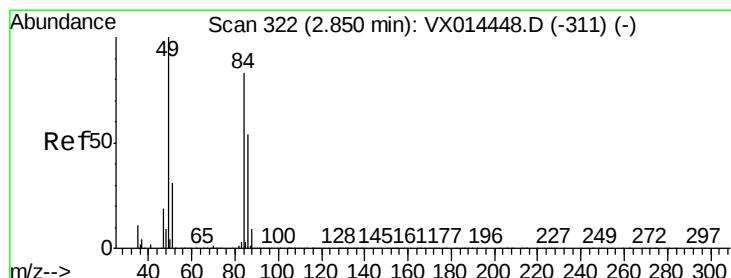
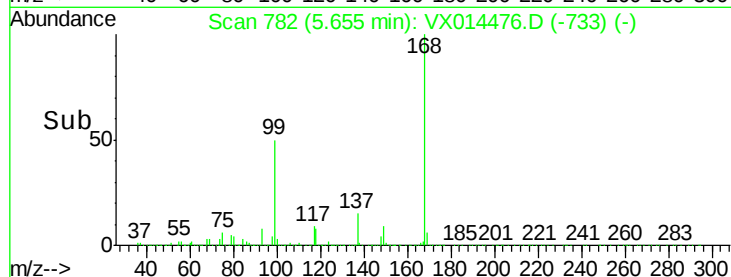
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.591 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

Tgt Ion: 84 Resp: 9428

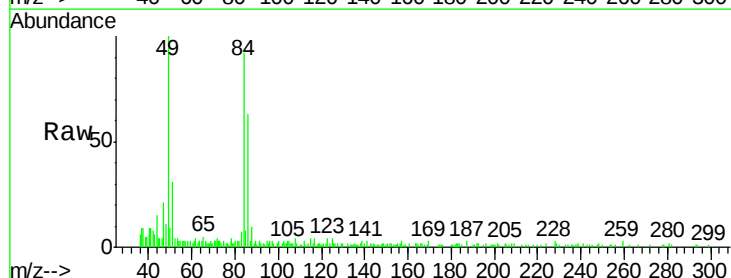
Ion Ratio Lower Upper

84 100

49 107.7 95.8 143.8

51 30.5 30.2 45.4

86 68.7 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

8000

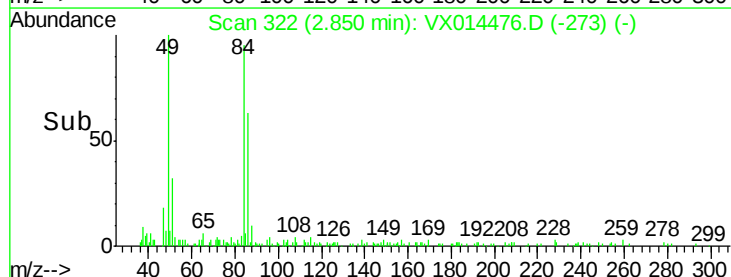
6000

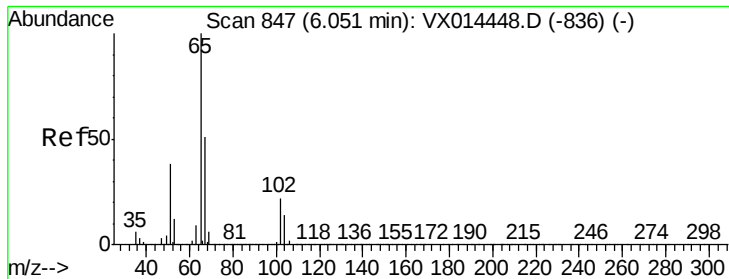
4000

2000

0

Time--> 2.75 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 48.772 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

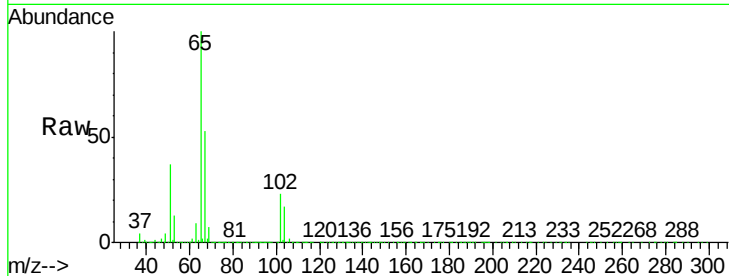
SU-02-010720

Tgt Ion: 65 Resp: 287244

Ion Ratio Lower Upper

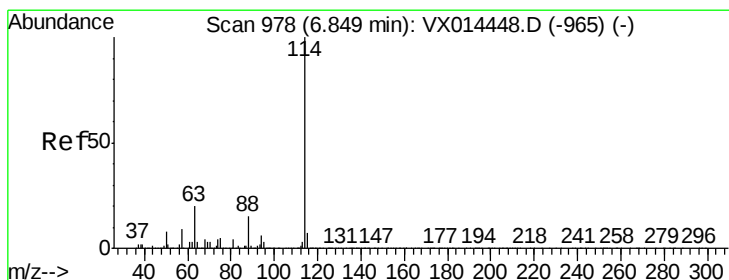
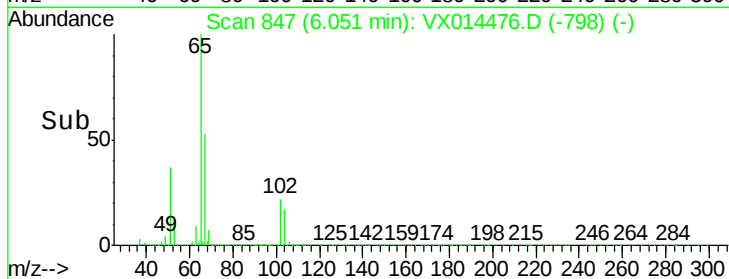
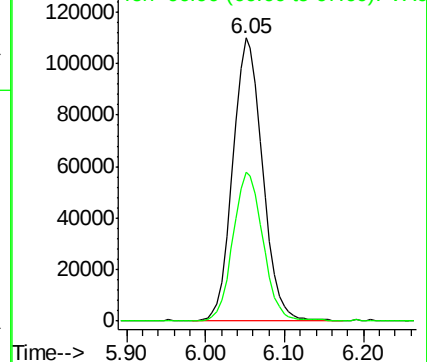
65 100

67 52.6 0.0 106.2



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

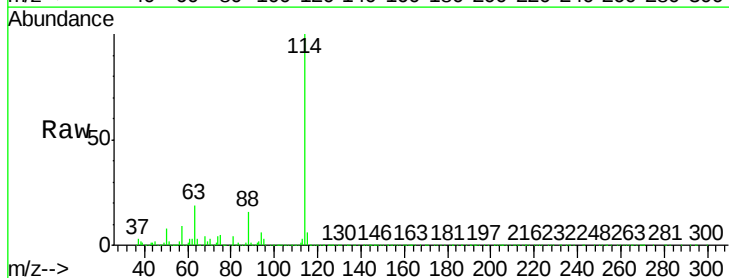
Tgt Ion: 114 Resp: 816358

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

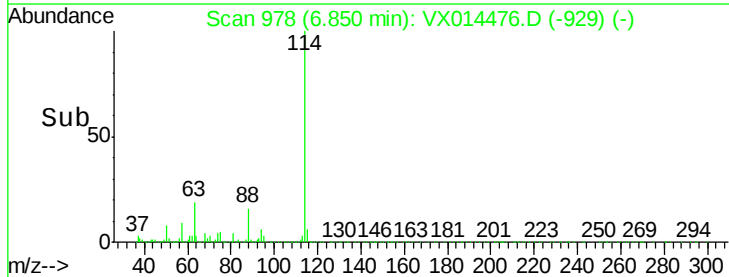
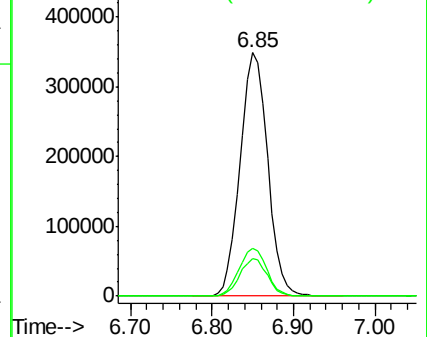
88 15.5 0.0 30.8

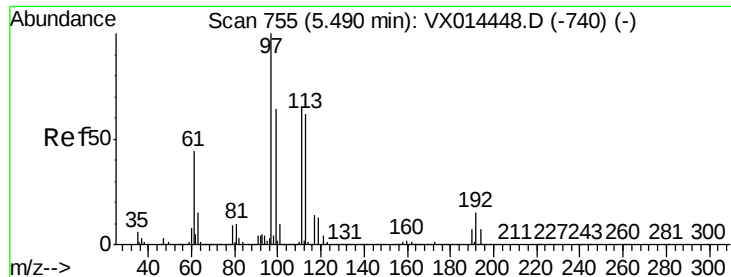


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.309 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SU-02-010720

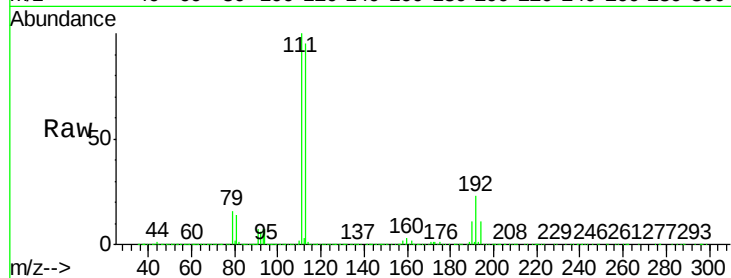
Tgt Ion: 113 Resp: 238733

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

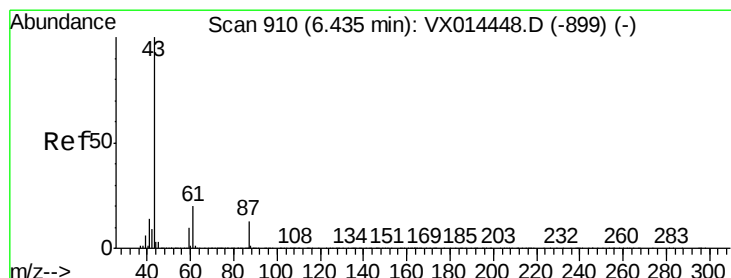
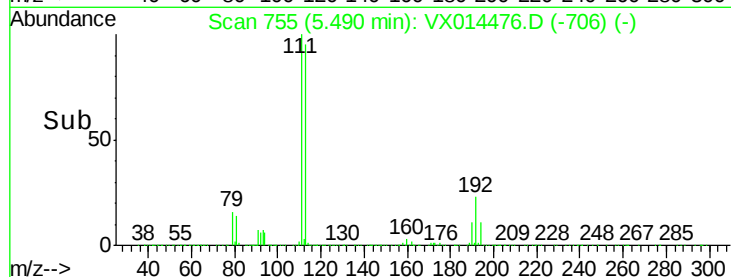
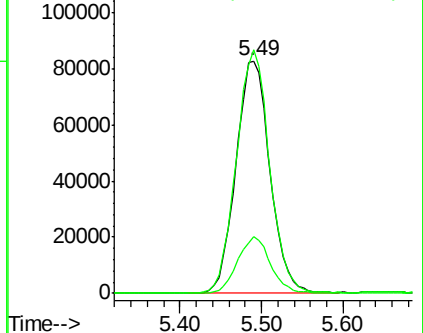
192 23.9 19.2 28.8



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: 10.075 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

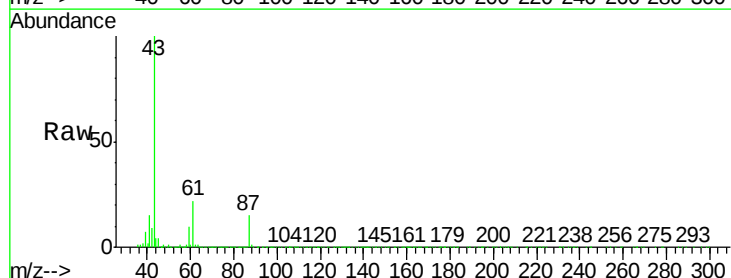
Tgt Ion: 43 Resp: 135713

Ion Ratio Lower Upper

43 100

61 19.9 16.6 24.8

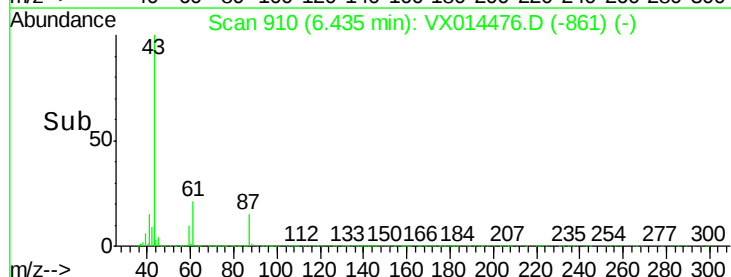
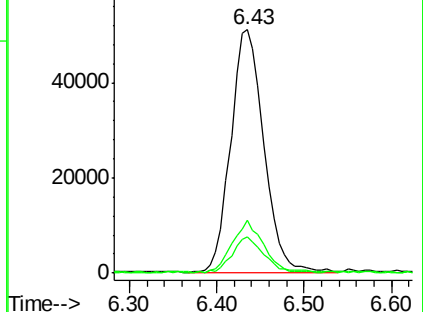
87 14.6 10.8 16.2

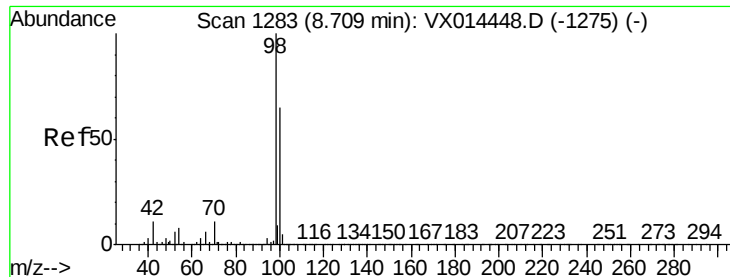


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 50.952 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

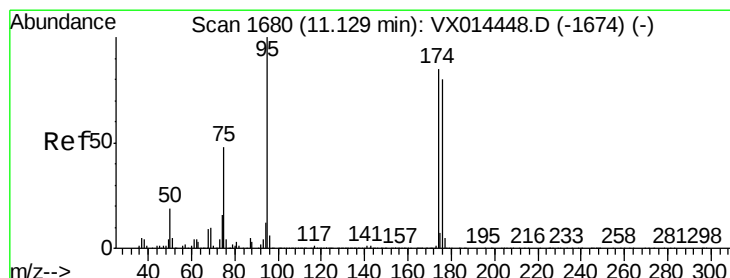
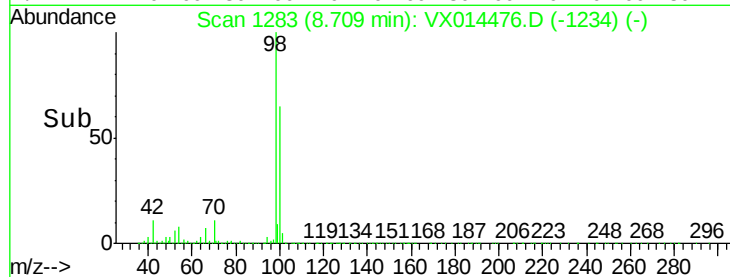
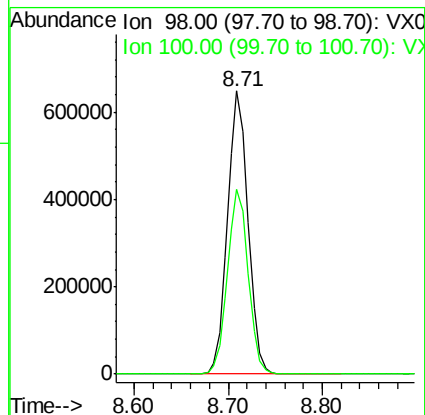
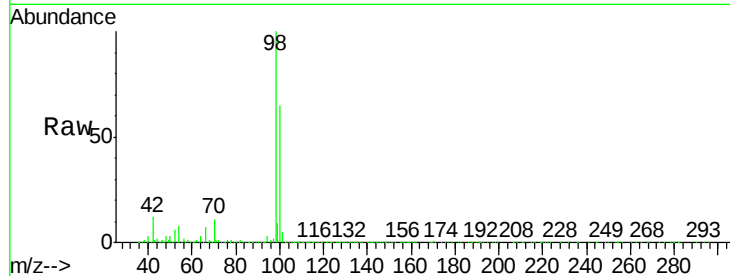
SU-02-010720

Tgt Ion: 98 Resp: 977117

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 47.515 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

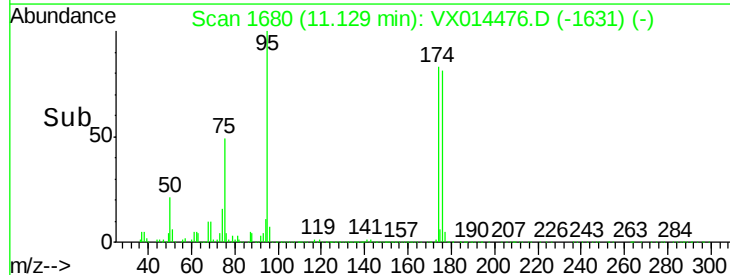
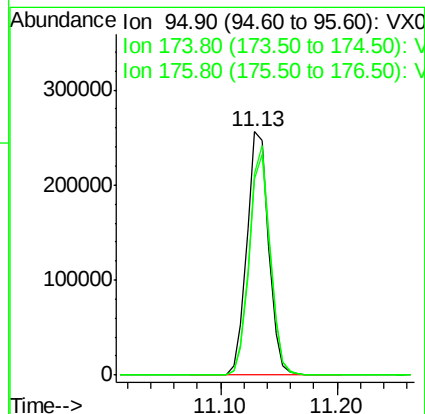
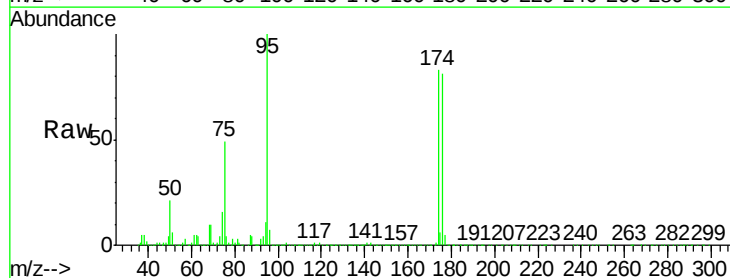
Tgt Ion: 95 Resp: 334519

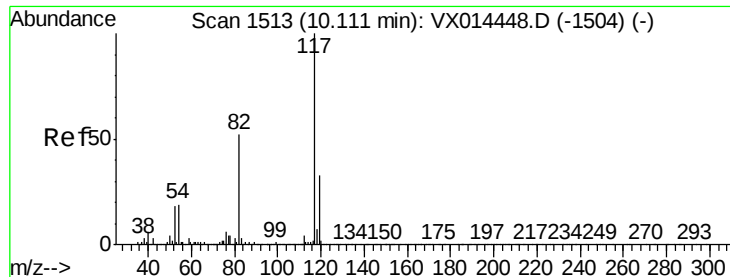
Ion Ratio Lower Upper

95 100

174 91.1 0.0 180.8

176 87.0 0.0 172.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

SU-02-010720

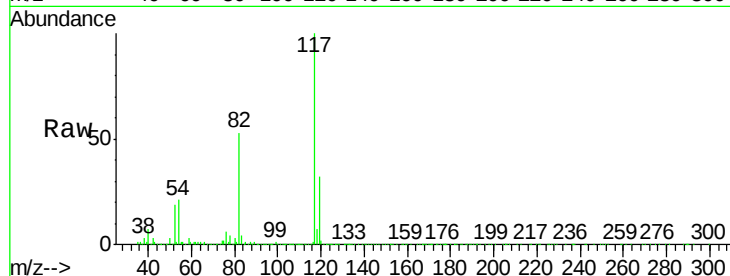
Tgt Ion:117 Resp: 744383

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.6

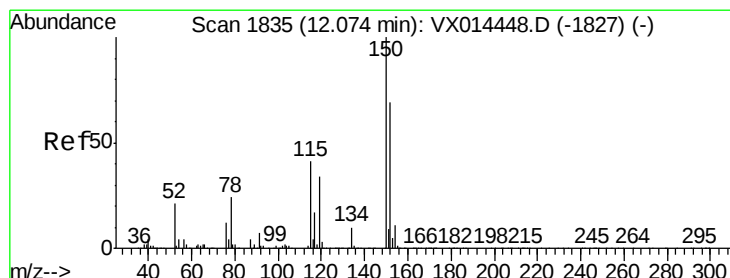
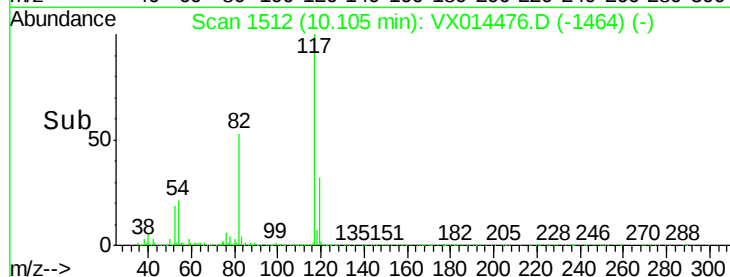
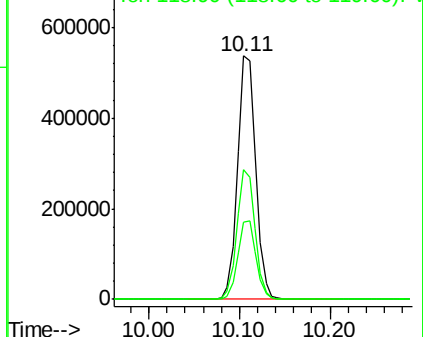
119 31.7 26.2 39.4



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014476.D

Acq: 08 Jan 2020 17:07

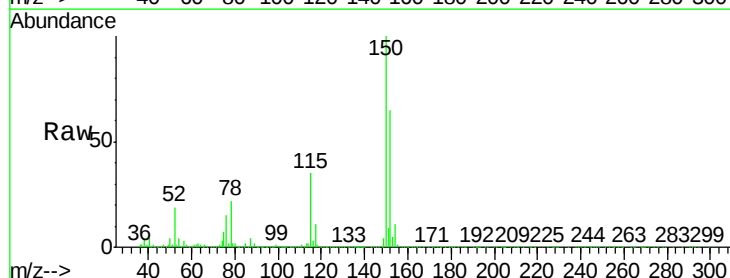
Tgt Ion:152 Resp: 341729

Ion Ratio Lower Upper

152 100

115 55.6 39.5 118.3

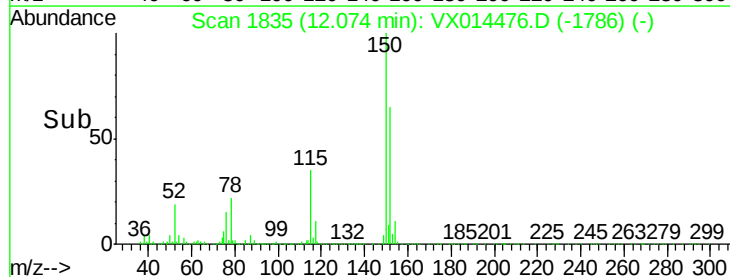
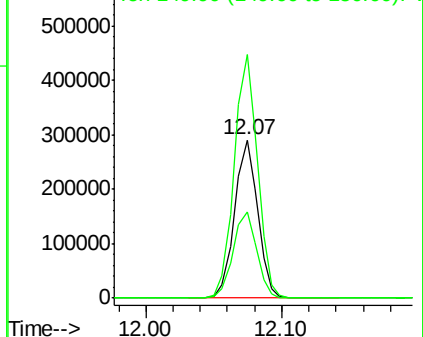
150 155.3 0.0 350.2

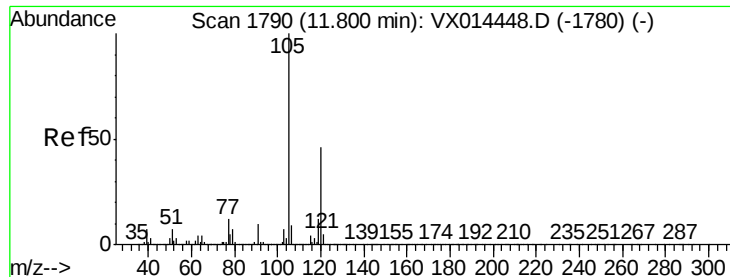


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

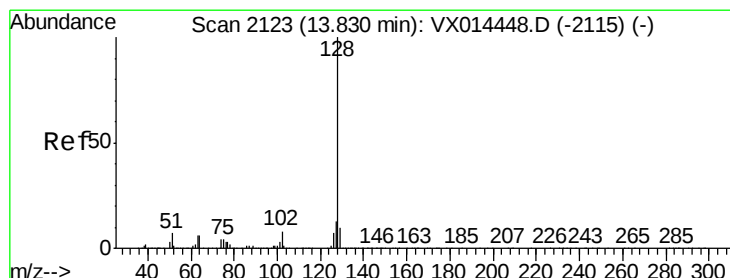
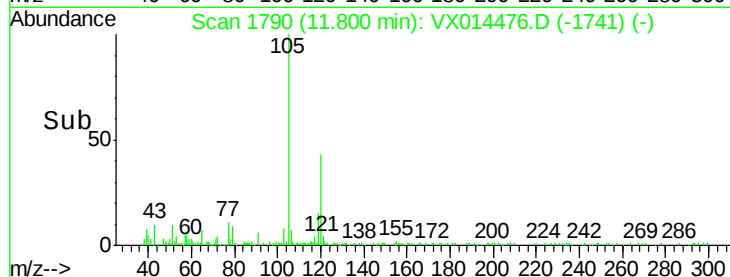
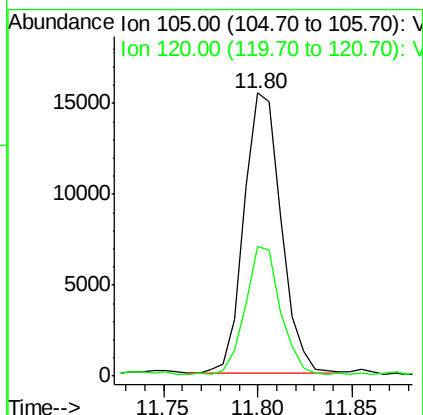
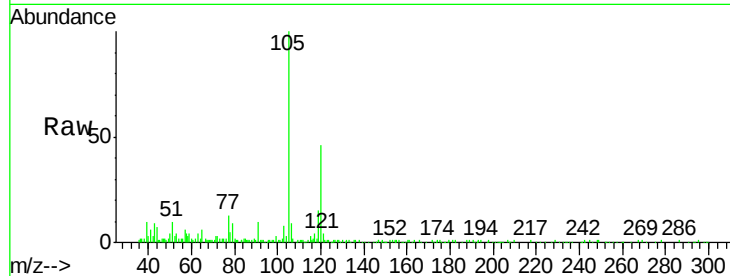




#84
 1,2,4-Trimethylbenzene
 Concen: 1.050 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014476.D
 Acq: 08 Jan 2020 17:07

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-02-010720

Tgt Ion:105 Resp: 21138
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.1 69.3



#95
 Naphthalene
 Concen: 3.647 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX014476.D
 Acq: 08 Jan 2020 17:07

Tgt Ion:128 Resp: 92961
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.2 8.7 13.1

