

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\
 Data File : VX014705.D
 Acq On : 24 Jan 2020 18:29
 Operator : JC/SP
 Sample : L1245-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20200047-FIELD-BLANK

Quant Time: Jan 24 23:36:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

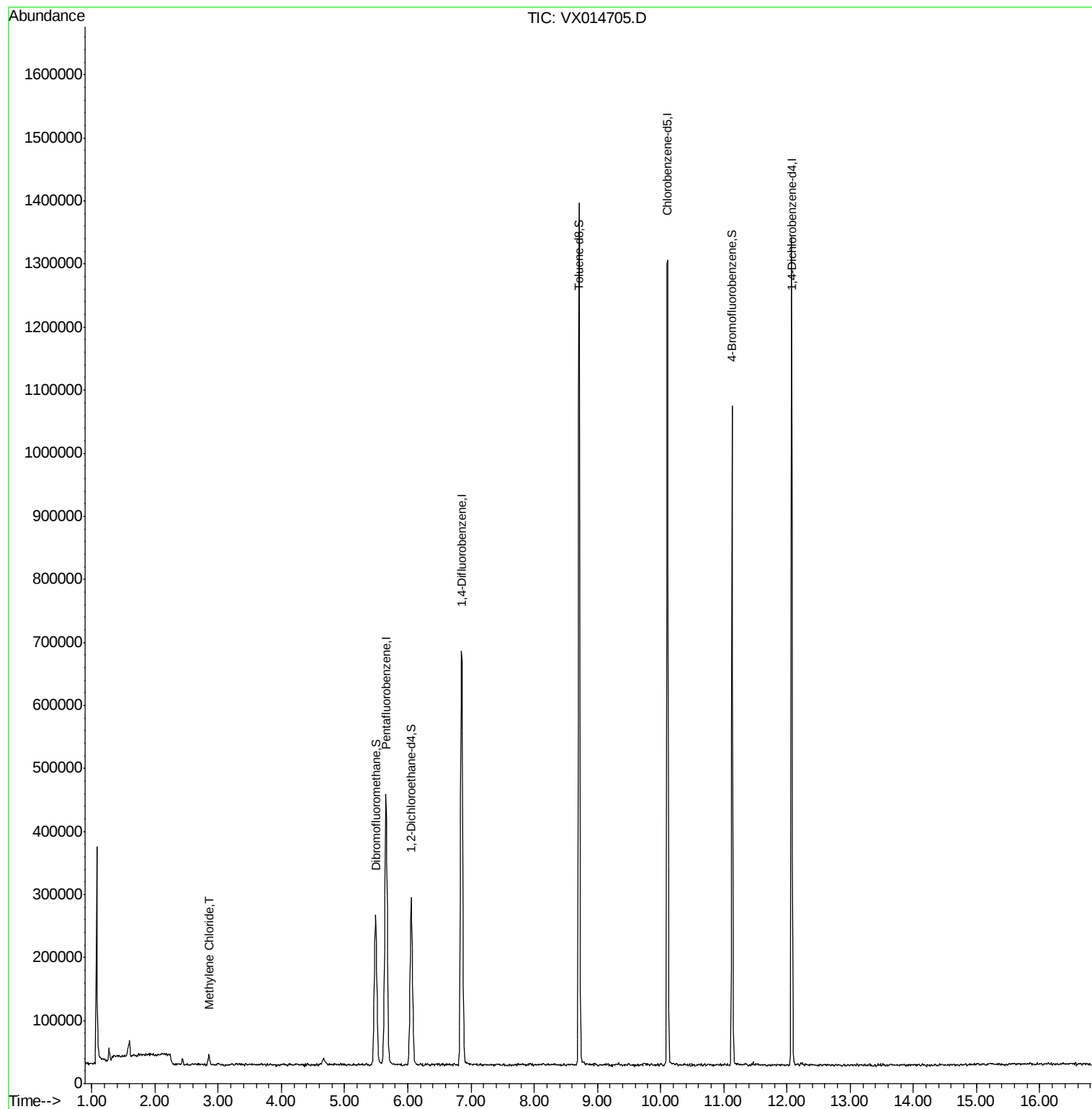
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	433363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	678352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	250349	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
35) Dibromofluoromethane	5.49	113	207375	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	808585	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	267257	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
20) Methylene Chloride	2.86	84	8681	1.691	ug/l	Qvalue 90

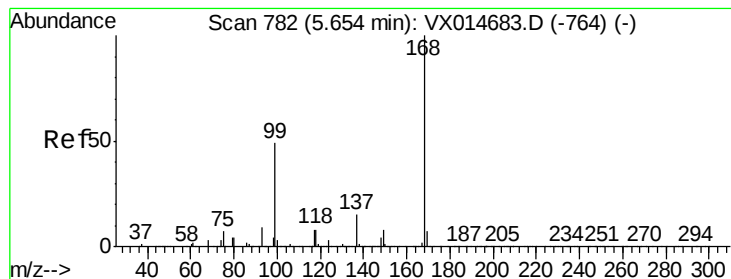
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 22 12:35:15 2020
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: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

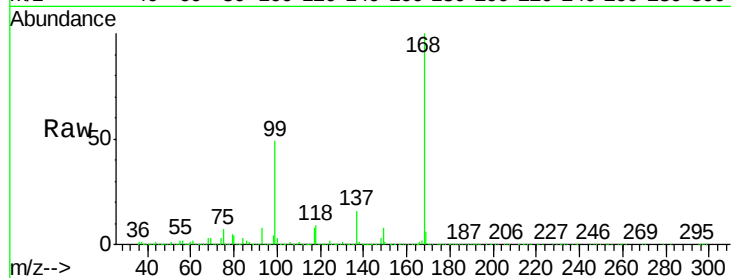
20200047-FIELD-BLANK

Tot Ion:168 Resp: 433363

Ion Ratio Lower Upper

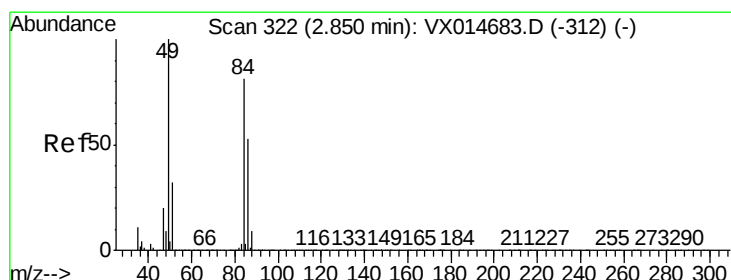
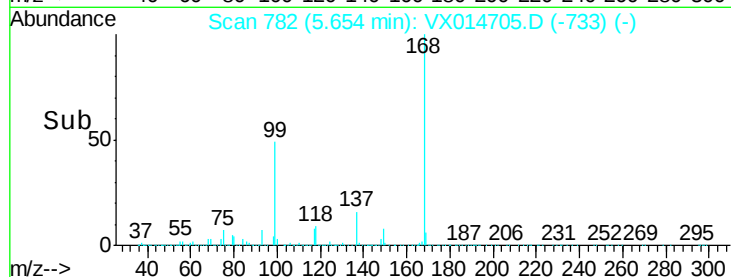
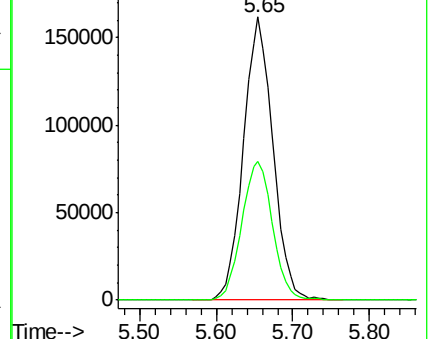
168 100

99 49.0 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 1.691 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Tgt Ion: 84 Resp: 8681

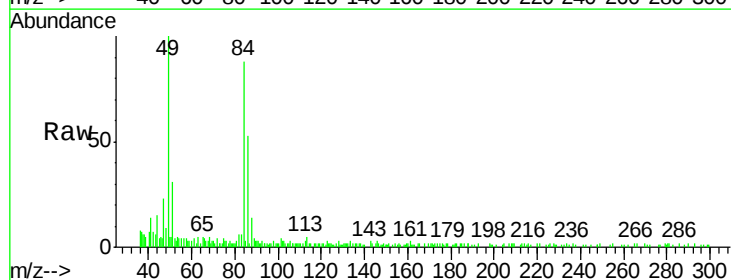
Ion Ratio Lower Upper

84 100

49 110.8 98.2 147.4

51 31.9 31.3 46.9

86 57.2 51.8 77.6

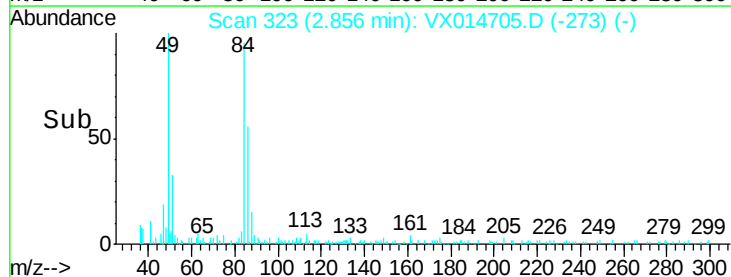
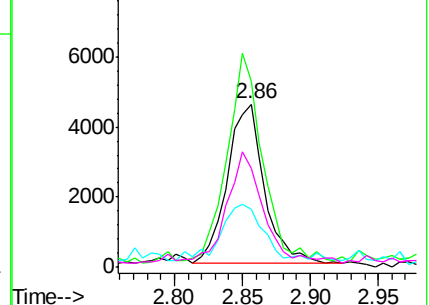


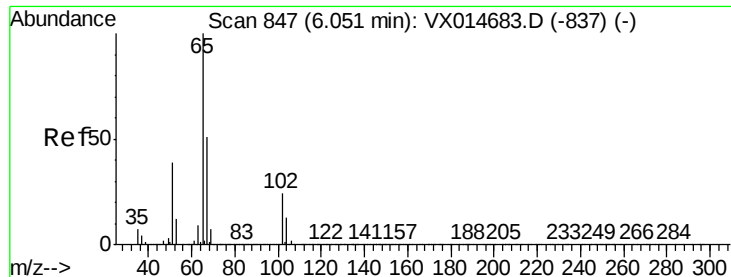
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#33

1,2-Dichloroethane-d4

Concen: 49.470 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

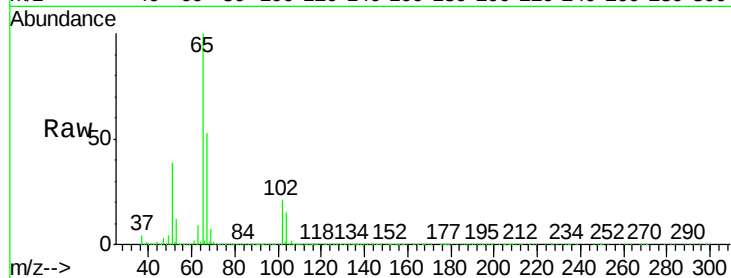
20200047-FIELD-BLANK

Tot Ion: 65 Resp: 250349

Ion Ratio Lower Upper

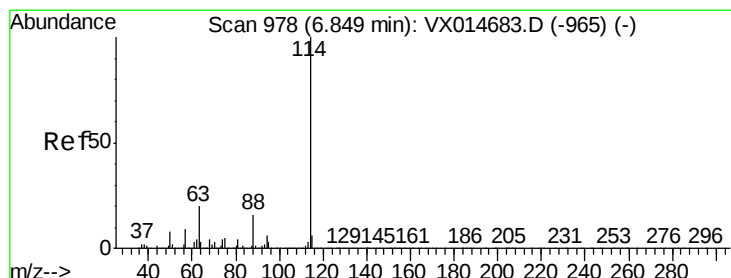
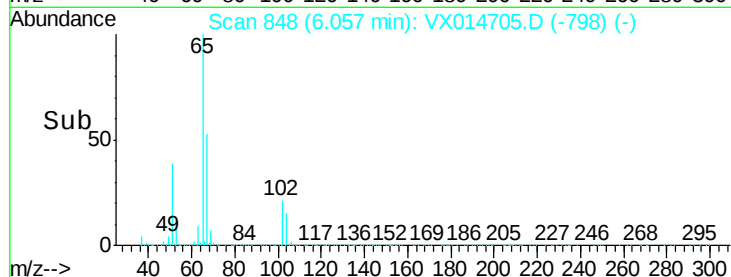
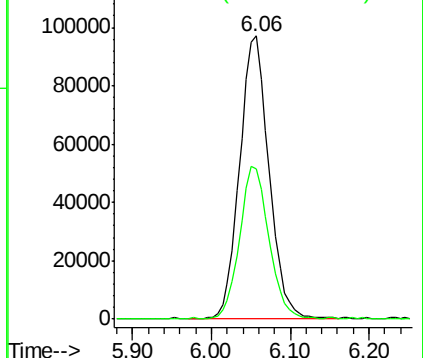
65 100

67 53.8 0.0 107.4



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

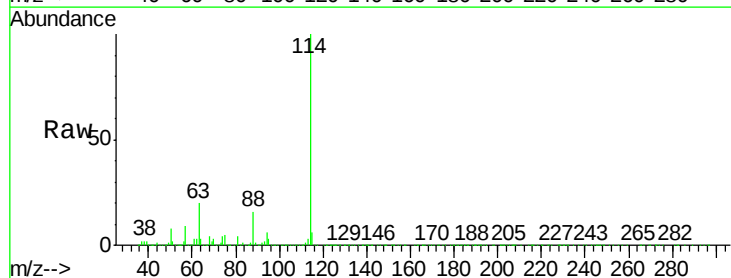
Tgt Ion: 114 Resp: 678352

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.6

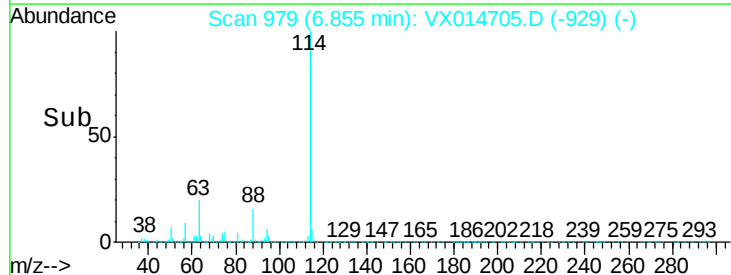
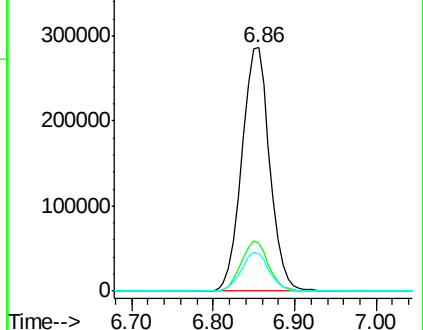
88 15.6 0.0 31.2

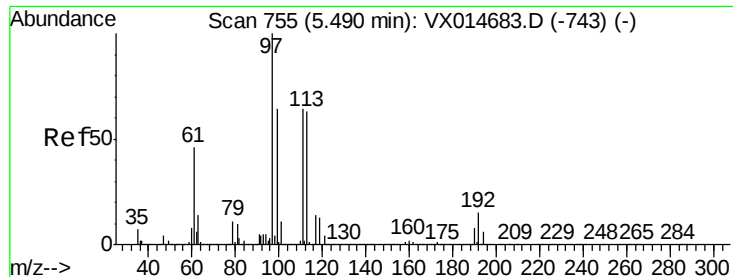


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

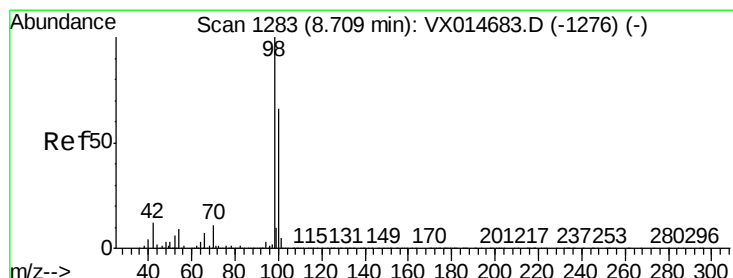
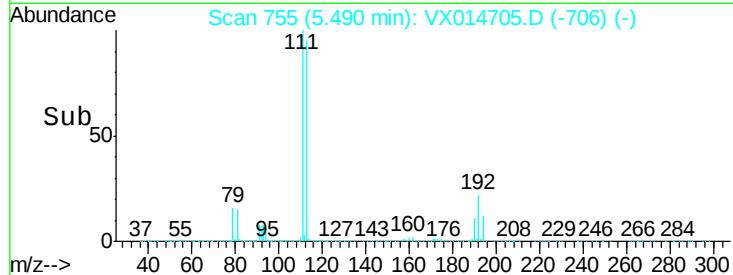
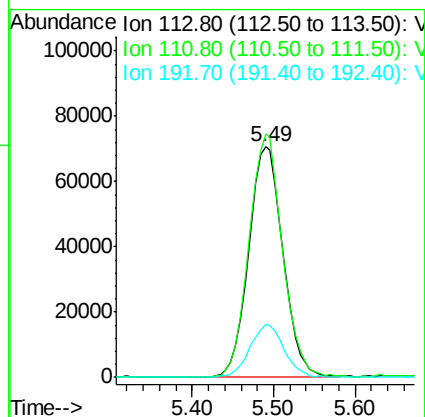
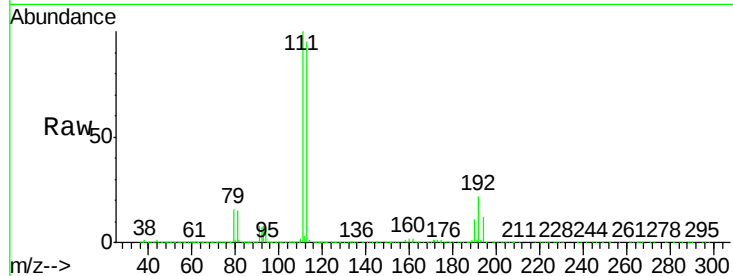




#35
Dibromofluoromethane
Concen: 48.448 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

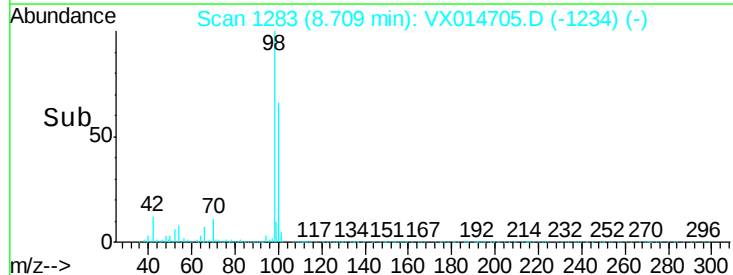
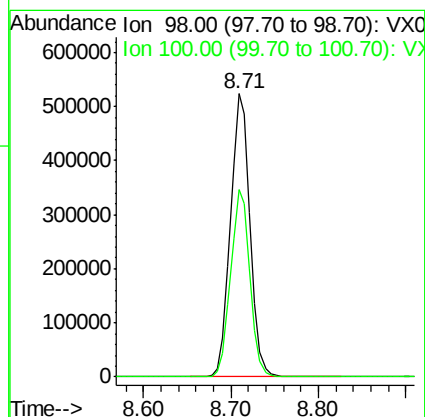
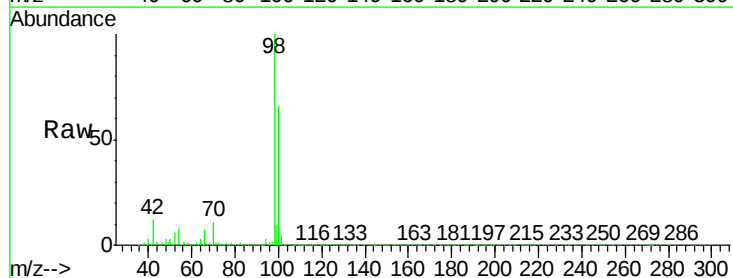
Instrument :
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ClientSampleId :
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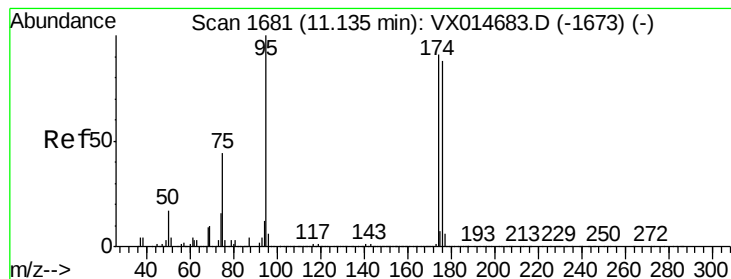
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.7	121.1
192	22.7	18.5	27.7



#50
Toluene-d8
Concen: 49.138 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014705.D
Acq: 24 Jan 2020 18:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 45.593 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

20200047-FIELD-BLANK

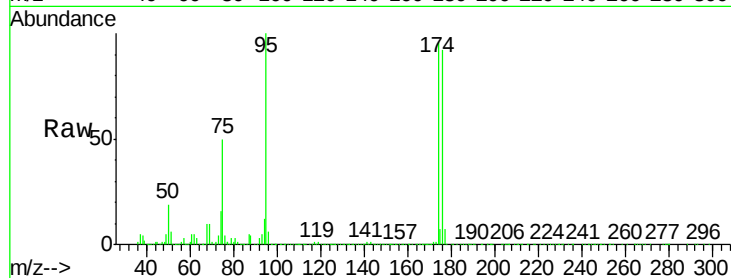
Tot Ion: 95 Resp: 267257

Ion Ratio Lower Upper

95 100

174 89.8 0.0 176.0

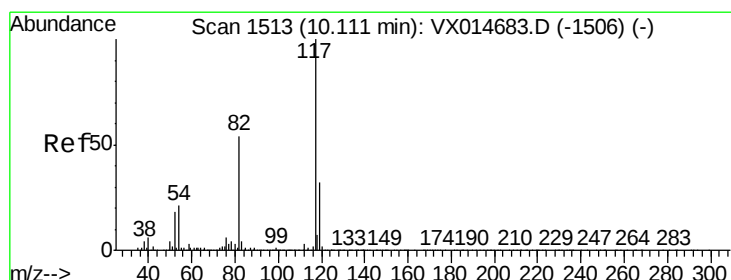
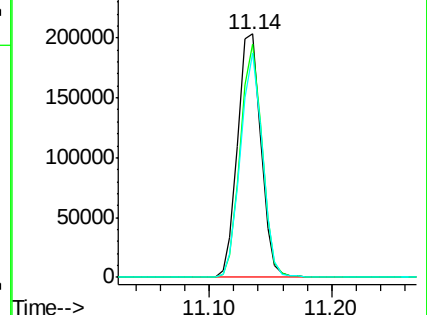
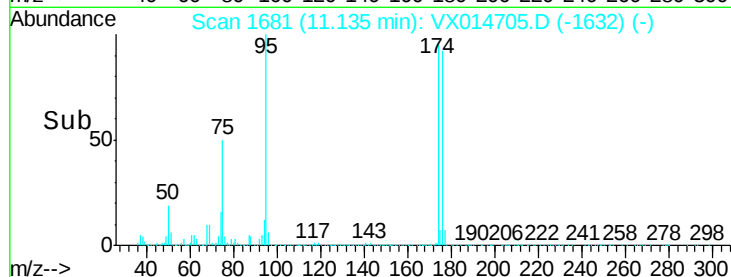
176 86.5 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX014705.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014705.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014705.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

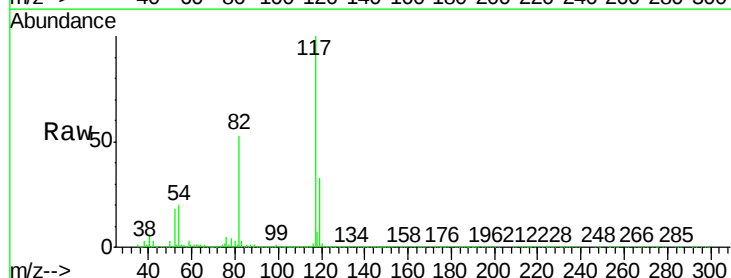
Tgt Ion: 117 Resp: 610740

Ion Ratio Lower Upper

117 100

82 52.8 43.2 64.8

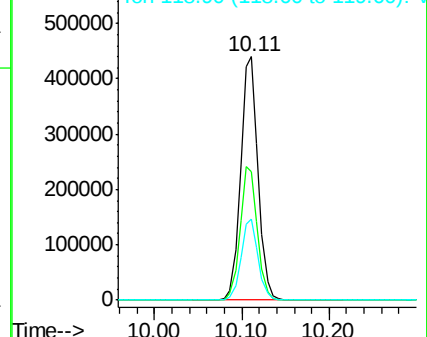
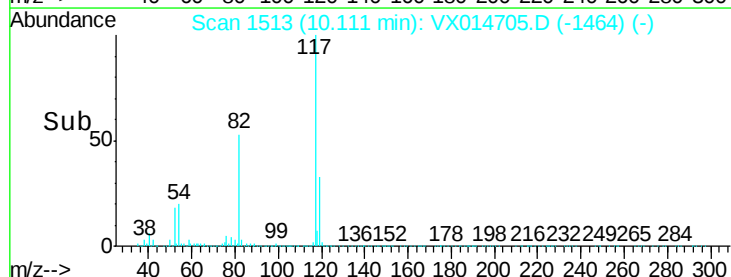
119 33.1 25.8 38.6

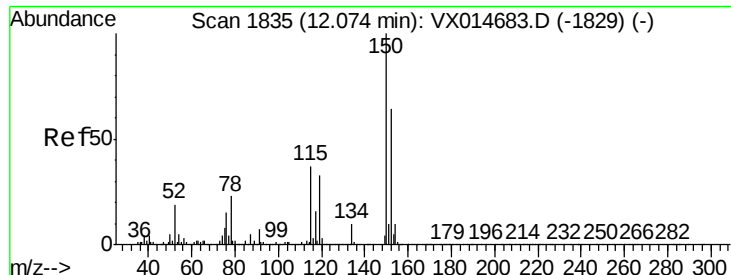


Abundance Ion 116.90 (116.60 to 117.60): VX014705.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014705.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014705.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014705.D

Acq: 24 Jan 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

20200047-FIELD-BLANK

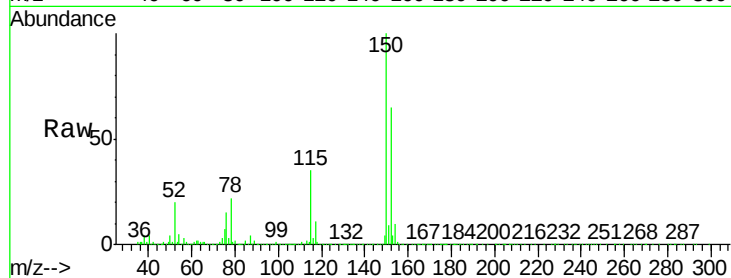
Tot Ion:152 Resp: 269570

Ion Ratio Lower Upper

152 100

115 55.9 39.4 118.1

150 156.0 0.0 351.2



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

