

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014719.D
 Acq On : 27 Jan 2020 12:24
 Operator : JC/SP
 Sample : L1245-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20200047-FIELD-BLANK

Quant Time: Jan 28 04:33:37 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

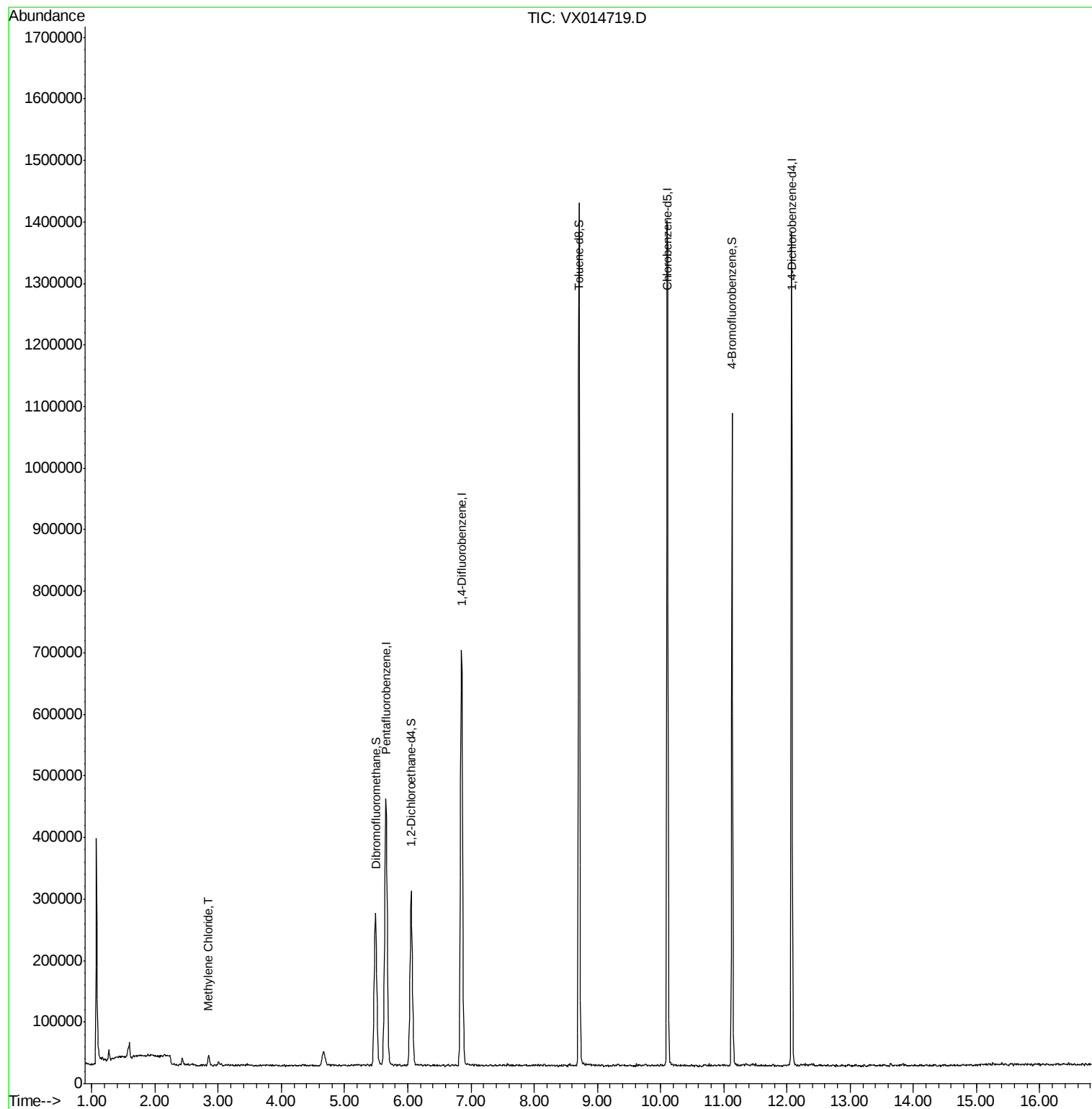
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	637335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	282607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	261046	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	5.49	113	215365	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	826558	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.14	95	278343	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
20) Methylene Chloride	2.85	84	7958	1.513	ug/l	Qvalue 95

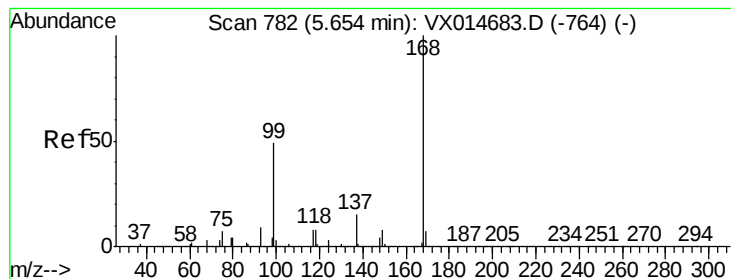
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014719.D

Acq: 27 Jan 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

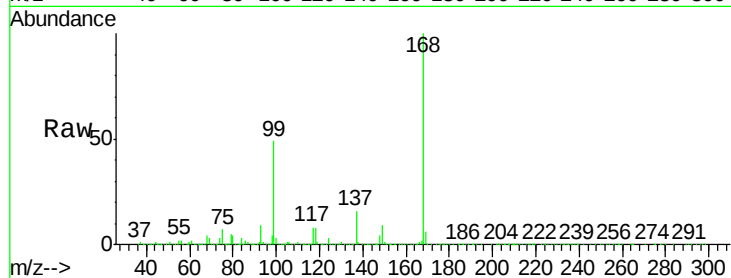
20200047-FIELD-BLANK

Tot Ion:168 Resp: 444109

Ion Ratio Lower Upper

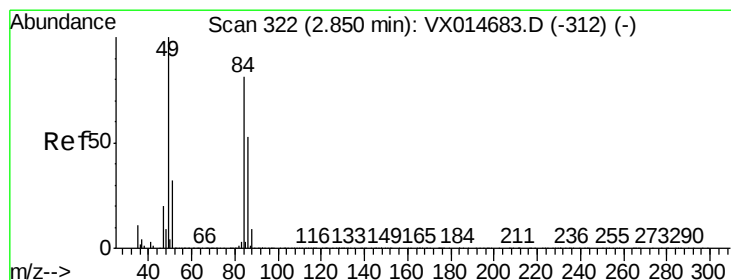
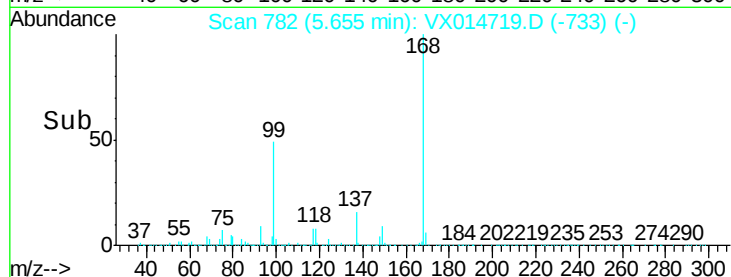
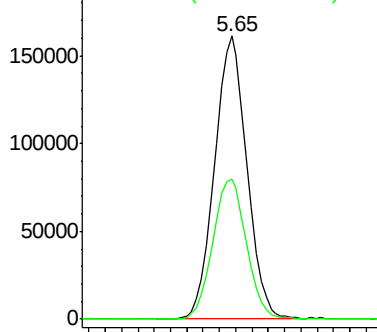
168 100

99 49.4 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: 1.513 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014719.D

Acq: 27 Jan 2020 12:24

Tgt Ion: 84 Resp: 7958

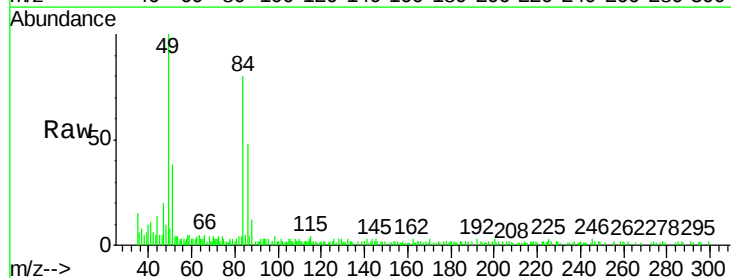
Ion Ratio Lower Upper

84 100

49 123.6 98.2 147.4

51 43.7 31.3 46.9

86 56.2 51.8 77.6

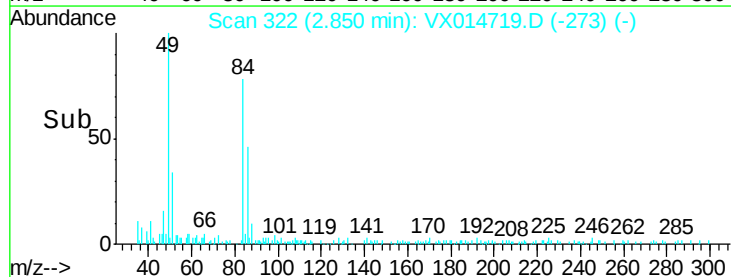
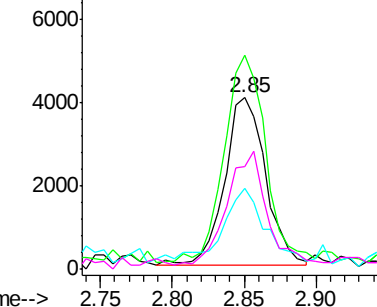


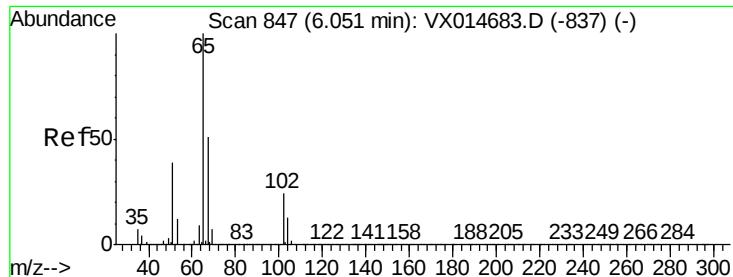
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 50.335 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014719.D

Acq: 27 Jan 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

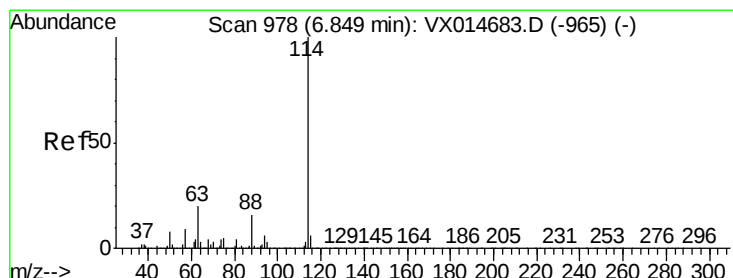
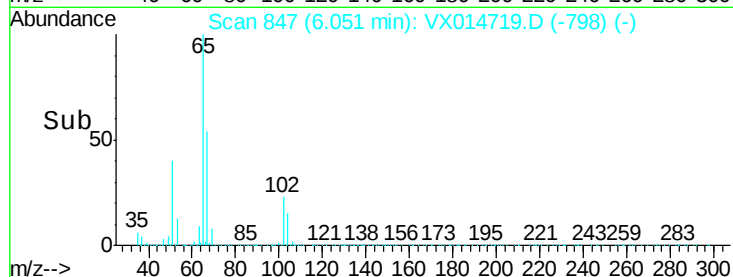
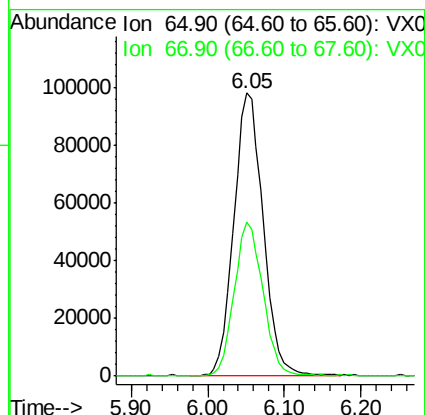
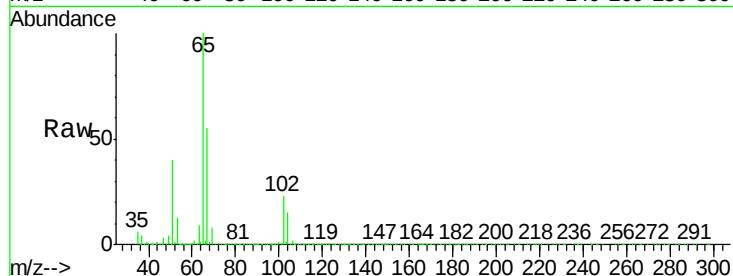
20200047-FIELD-BLANK

Tot Ion: 65 Resp: 261046

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014719.D

Acq: 27 Jan 2020 12:24

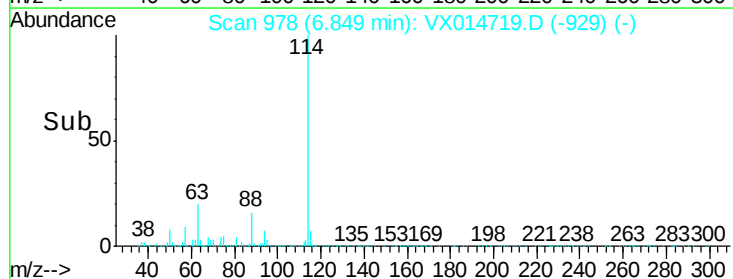
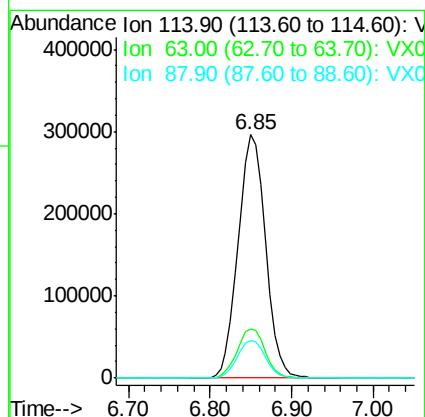
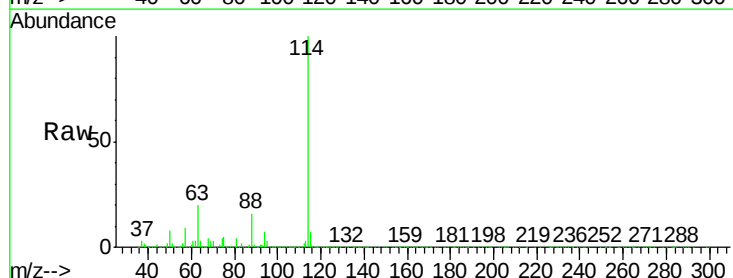
Tgt Ion: 114 Resp: 691373

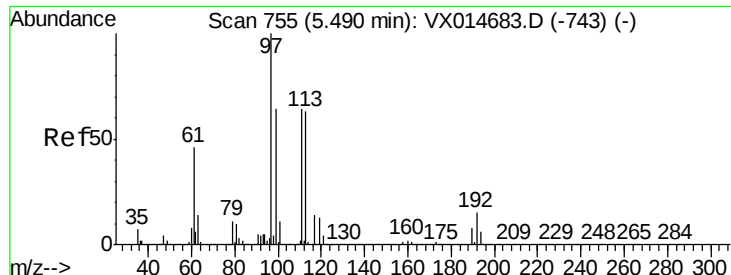
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.367 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014719.D

Acq: 27 Jan 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

20200047-FIELD-BLANK

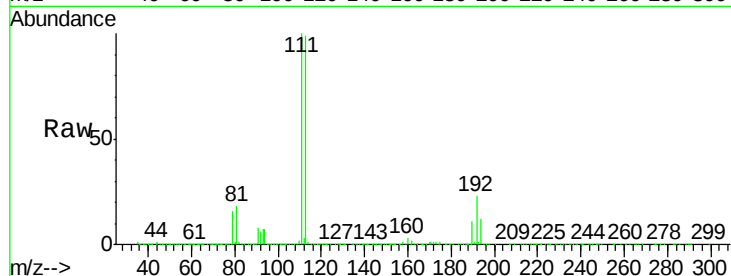
Tot Ion:113 Resp: 215365

Ion Ratio Lower Upper

113 100

111 102.2 80.7 121.1

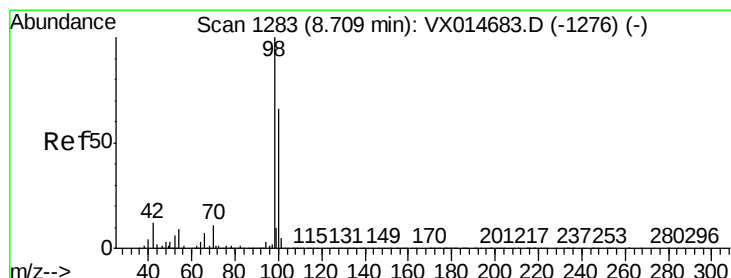
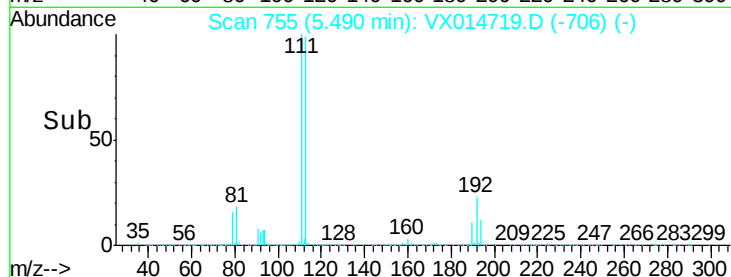
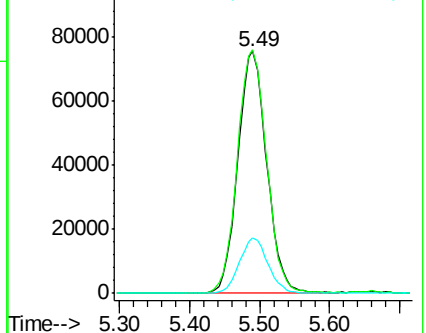
192 22.9 18.5 27.7



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



#50

Toluene-d8

Concen: 49.284 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014719.D

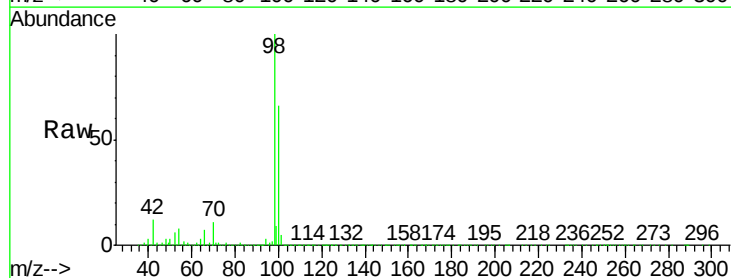
Acq: 27 Jan 2020 12:24

Tgt Ion: 98 Resp: 826558

Ion Ratio Lower Upper

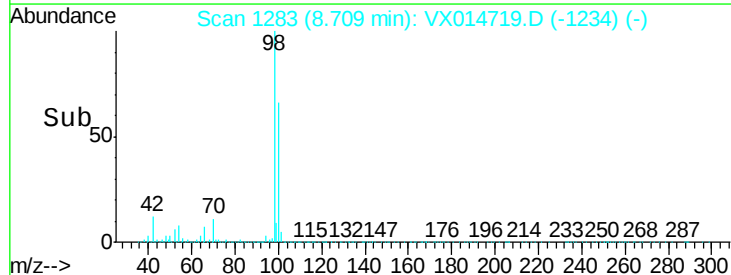
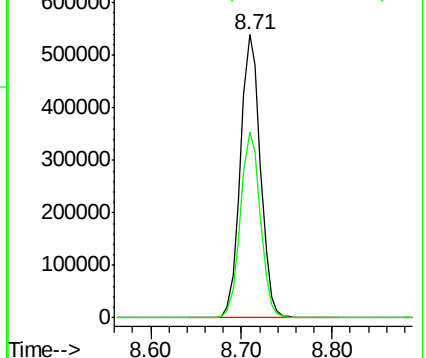
98 100

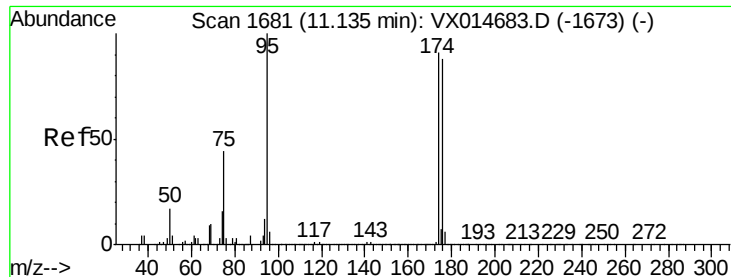
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.590 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014719.D

Acq: 27 Jan 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

20200047-FIELD-BLANK

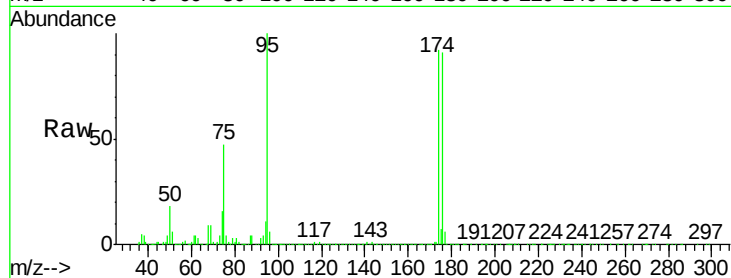
Tot Ion: 95 Resp: 278343

Ion Ratio Lower Upper

95 100

174 88.2 0.0 176.0

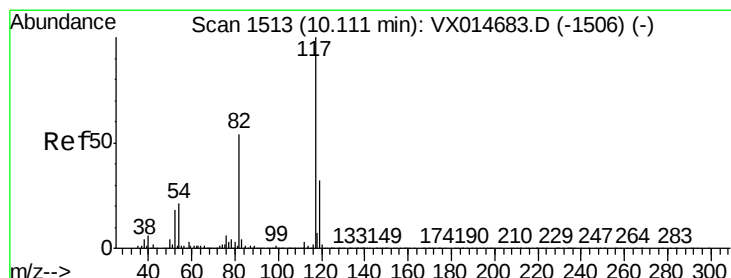
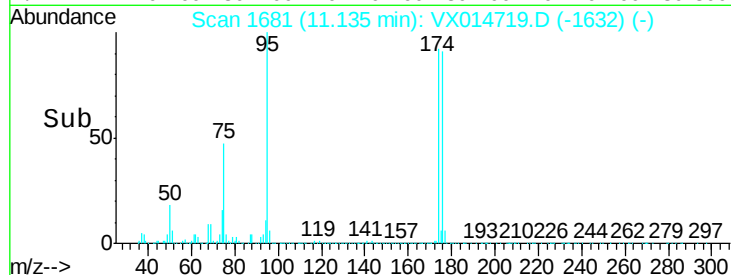
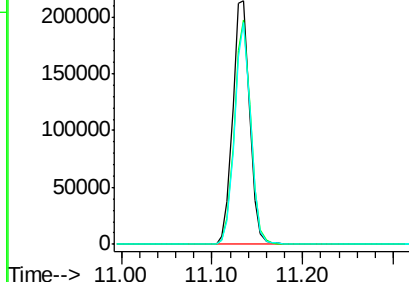
176 86.0 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX014719.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX014719.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX014719.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014719.D

Acq: 27 Jan 2020 12:24

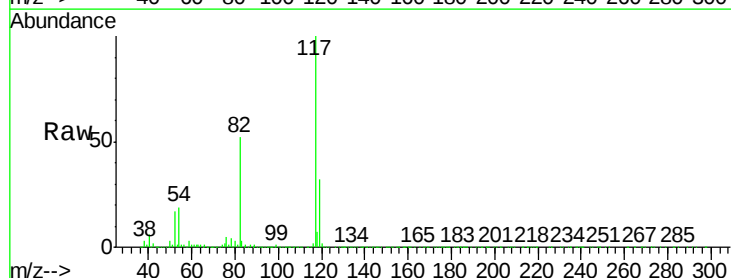
Tgt Ion: 117 Resp: 637335

Ion Ratio Lower Upper

117 100

82 51.9 43.2 64.8

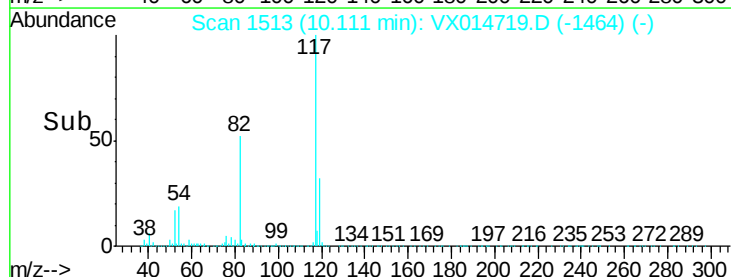
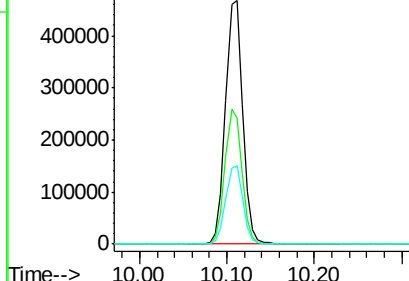
119 32.4 25.8 38.6

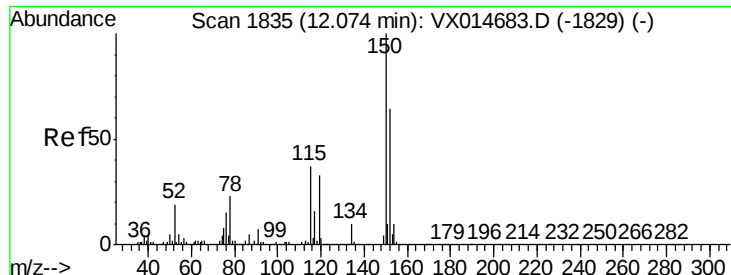


Abundance Ion 116.90 (116.60 to 117.60): VX014719.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014719.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014719.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: VX014719.D

Acq: 27 Jan 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

20200047-FIELD-BLANK

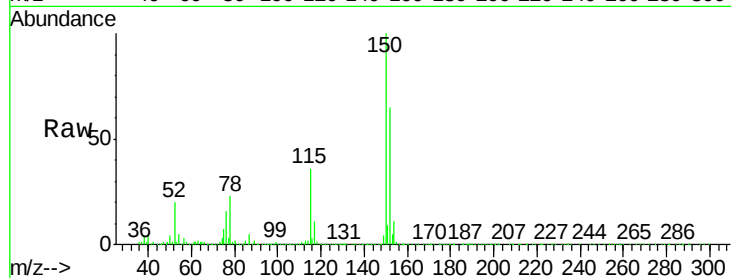
Tot Ion:152 Resp: 282607

Ion Ratio Lower Upper

152 100

115 55.8 39.4 118.1

150 156.2 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

