

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012525.D
 Acq On : 19 Sep 2019 14:01
 Operator : JC/SP
 Sample : K4888-03
 Misc : 6.51g/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 981-S-2-(20)

Quant Time: Sep 20 05:18:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

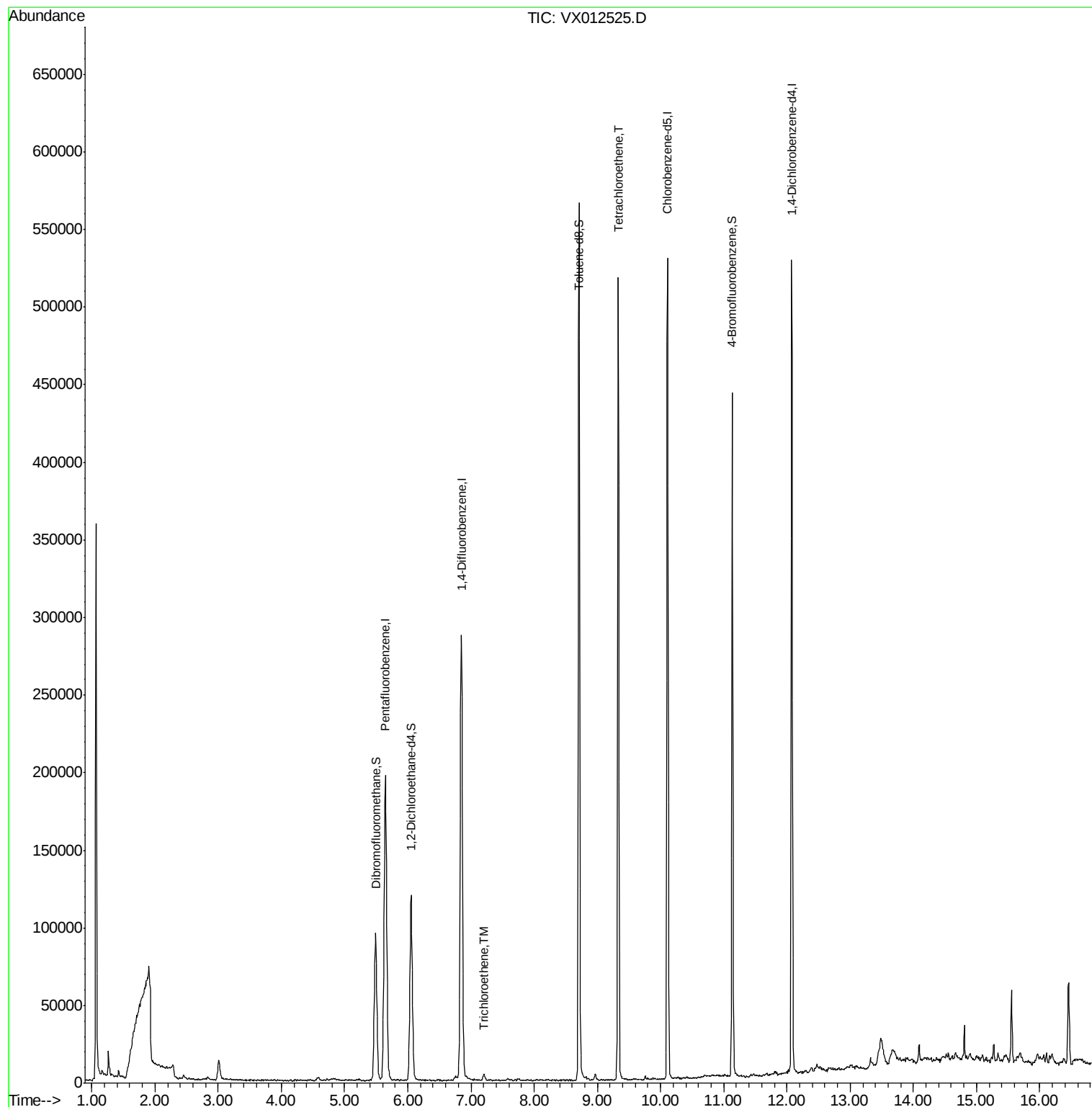
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	117180	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
35) Dibromofluoromethane	5.49	113	80279	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	8.71	98	322629	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.14	95	121240	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
44) Trichloroethene	7.21	130	1767	1.235	ug/l	79
64) Tetrachloroethene	9.33	164	92583	86.305	ug/l	94

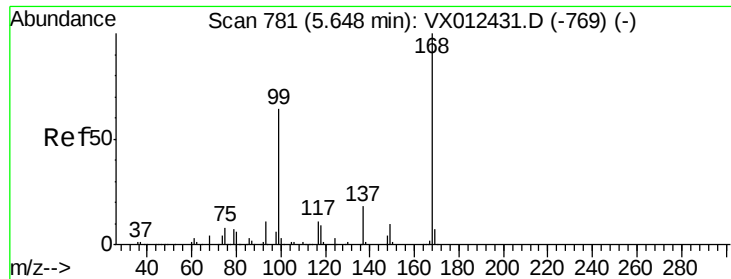
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012525.D

Acq: 19 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

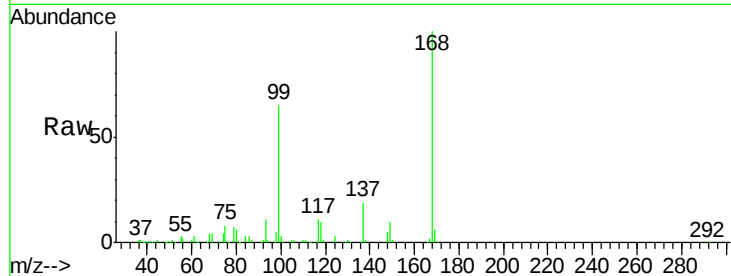
981-S-2-(20)

Tot Ion:168 Resp: 176123

Ion Ratio Lower Upper

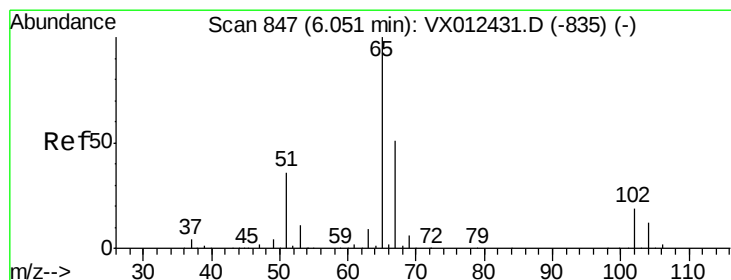
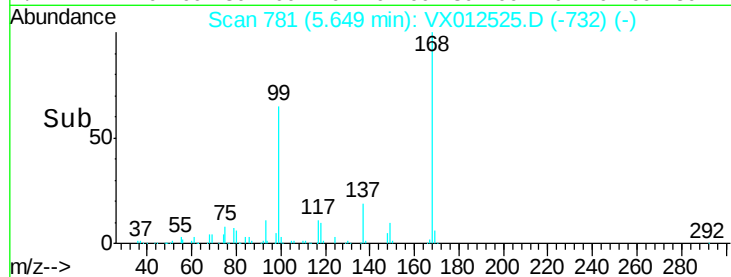
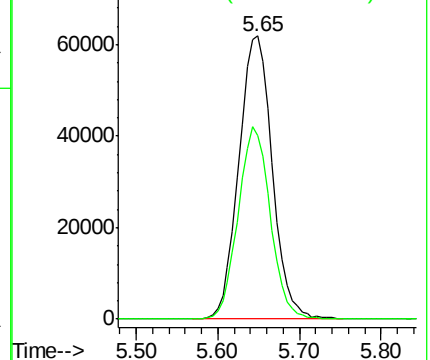
168 100

99 64.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.423 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012525.D

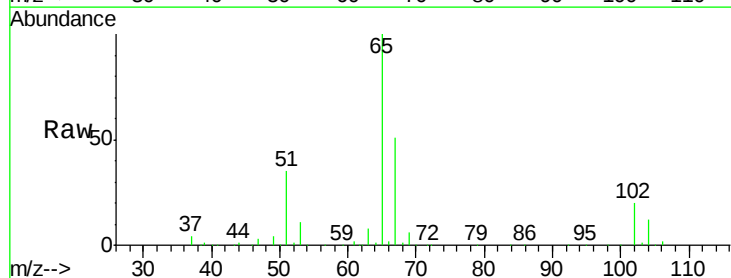
Acq: 19 Sep 2019 14:01

Tgt Ion: 65 Resp: 117180

Ion Ratio Lower Upper

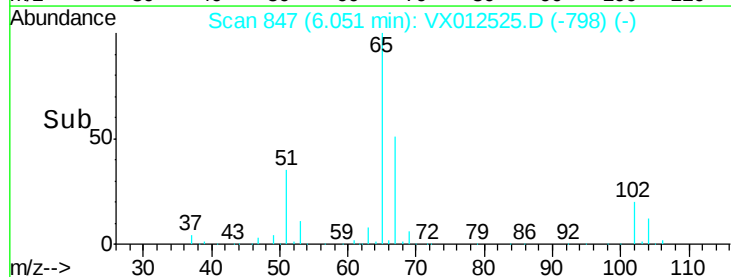
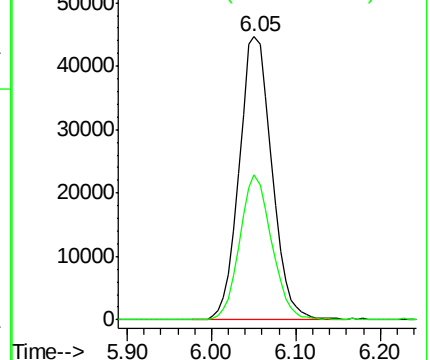
65 100

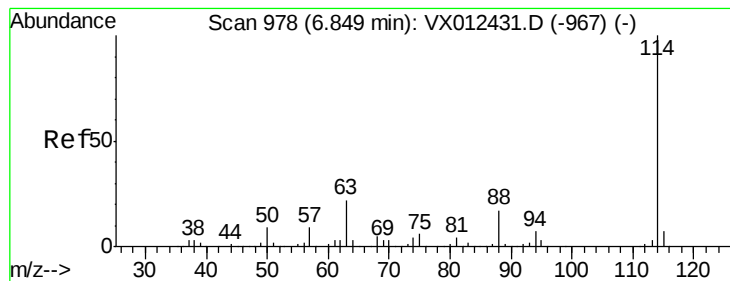
67 50.0 0.0 101.2



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: VX012525.D

Acq: 19 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

981-S-2-(20)

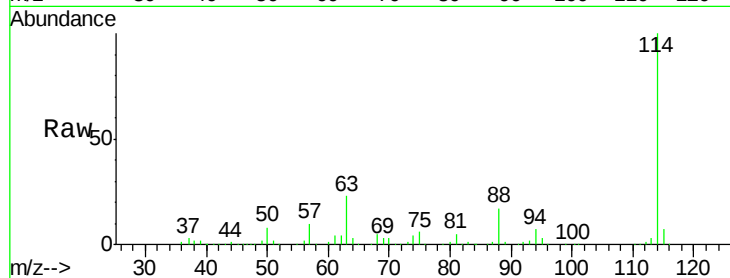
Tot Ion:114 Resp: 281455

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

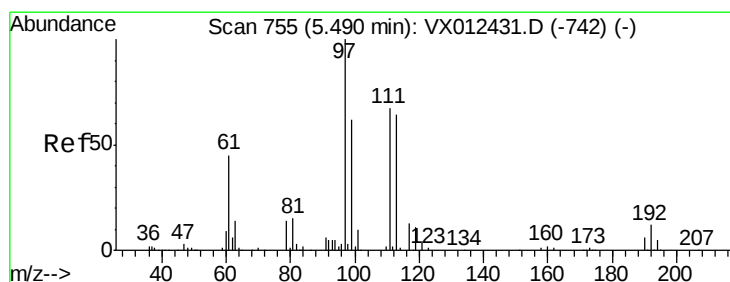
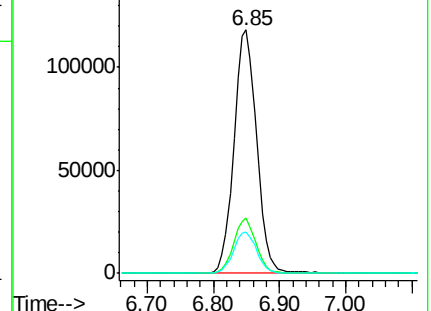
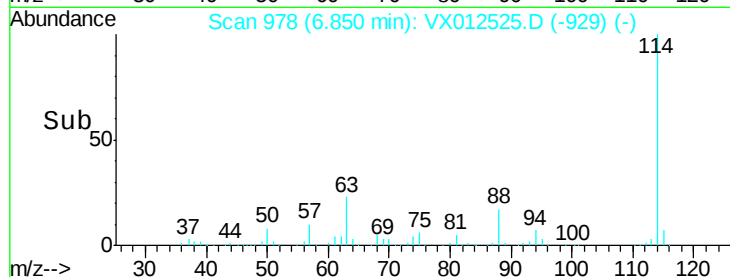
88 17.1 0.0 33.2



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: 47.125 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012525.D

Acq: 19 Sep 2019 14:01

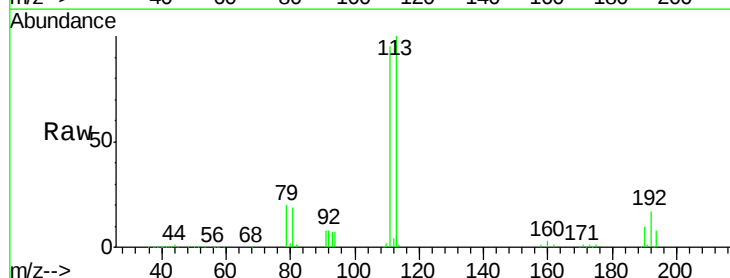
Tgt Ion:113 Resp: 80279

Ion Ratio Lower Upper

113 100

111 100.2 83.4 125.2

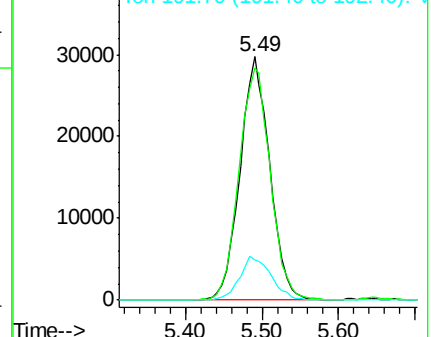
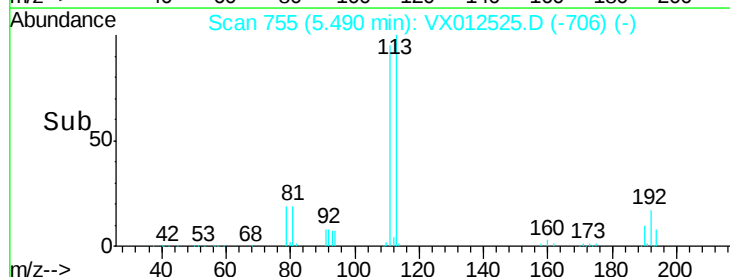
192 18.9 14.4 21.6

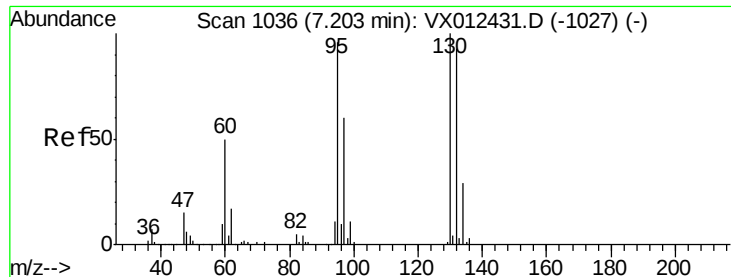


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.235 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012525.D

Acq: 19 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

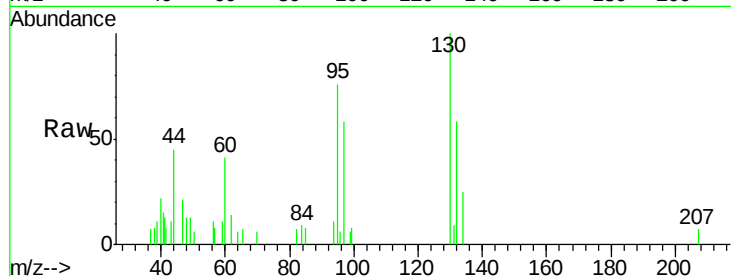
981-S-2-(20)

Tot Ion:130 Resp: 1767

Ion Ratio Lower Upper

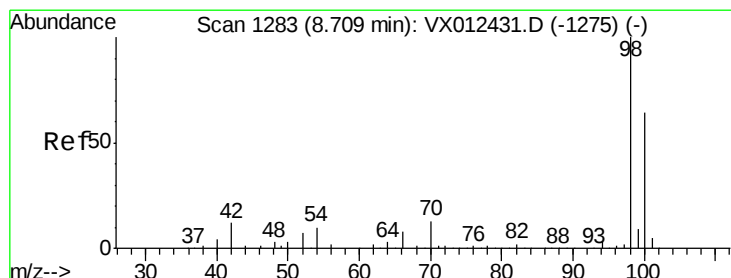
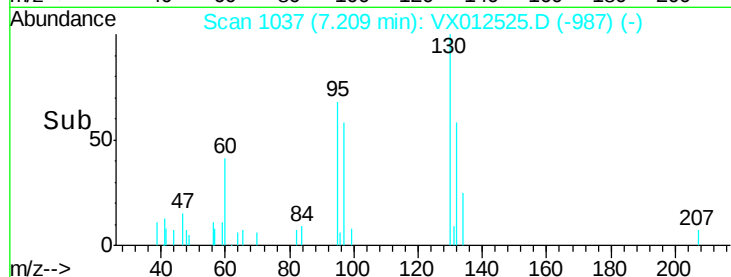
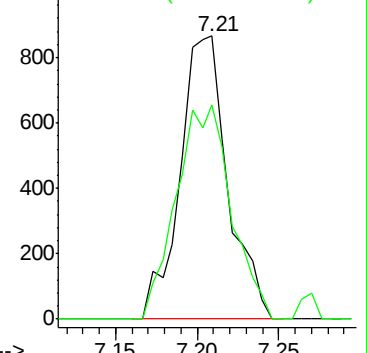
130 100

95 75.8 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.166 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012525.D

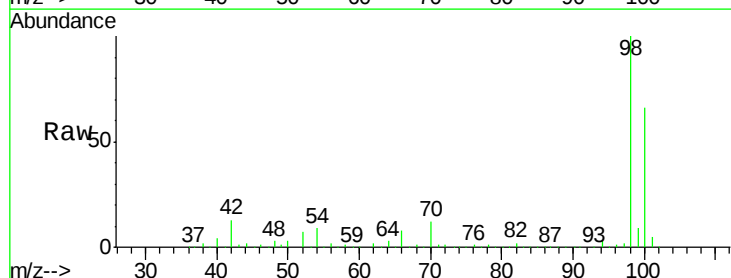
Acq: 19 Sep 2019 14:01

Tgt Ion: 98 Resp: 322629

Ion Ratio Lower Upper

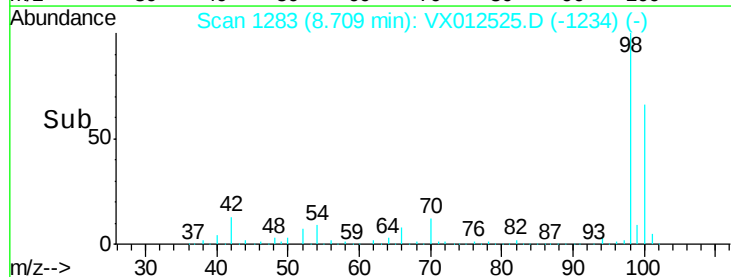
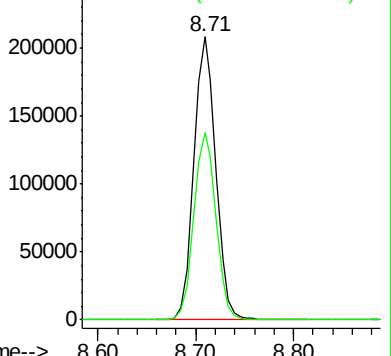
98 100

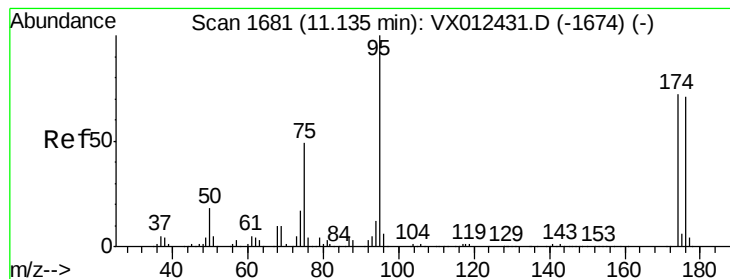
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.308 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012525.D

Acq: 19 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

981-S-2-(20)

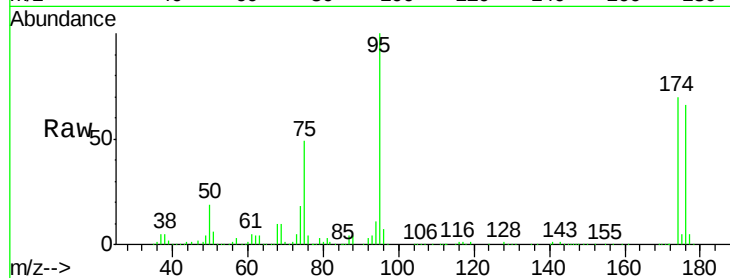
Tot Ion: 95 Resp: 121240

Ion Ratio Lower Upper

95 100

174 69.7 0.0 140.0

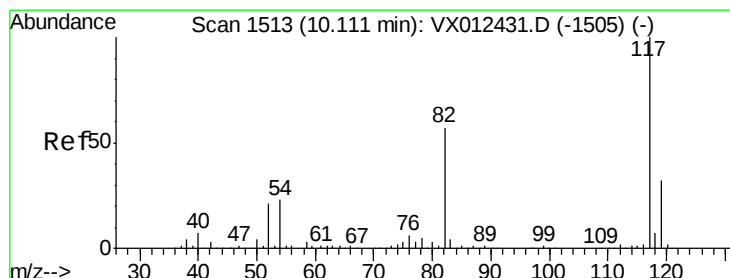
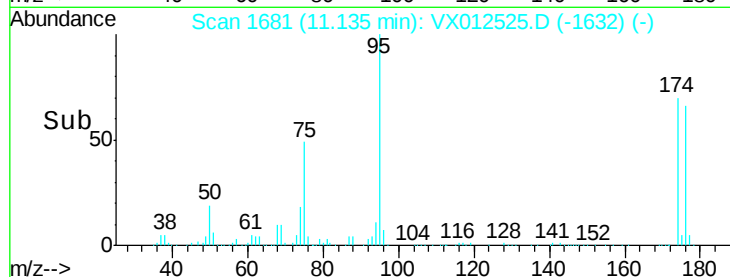
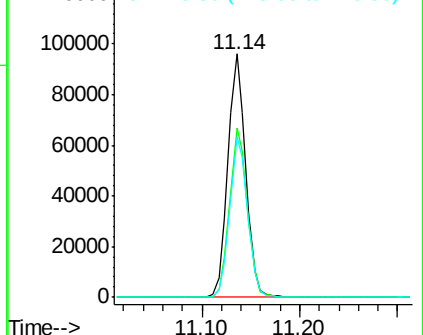
176 66.5 0.0 135.4



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: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012525.D

Acq: 19 Sep 2019 14:01

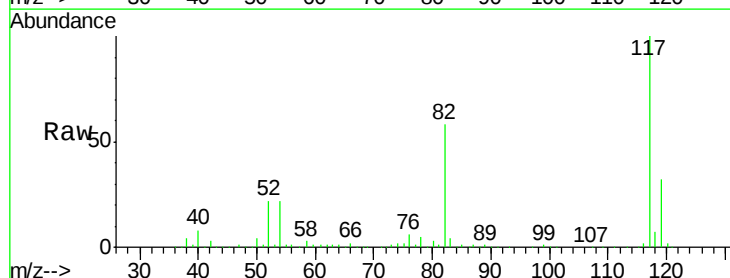
Tgt Ion: 117 Resp: 234102

Ion Ratio Lower Upper

117 100

82 58.2 45.9 68.9

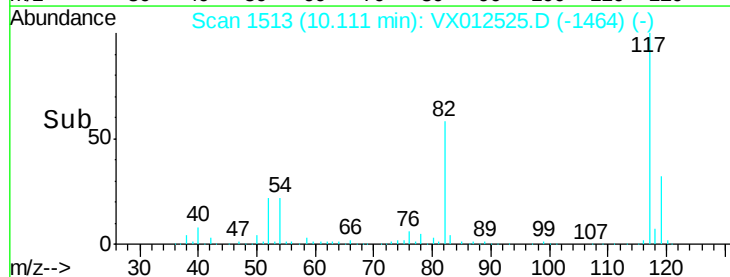
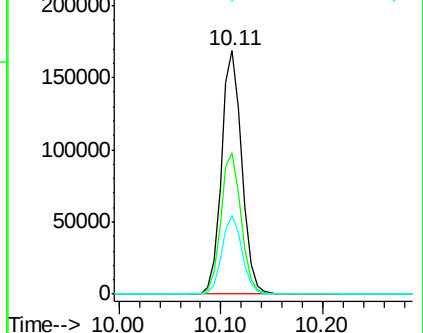
119 32.0 25.3 37.9

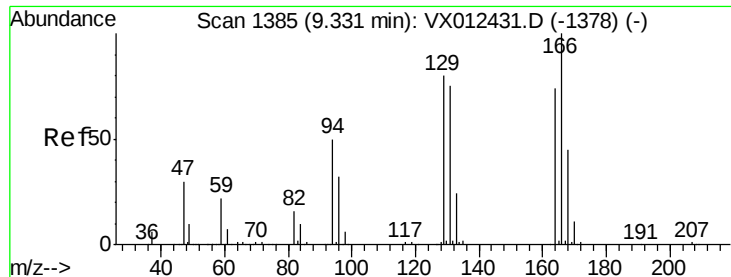


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 86.305 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012525.D

Acq: 19 Sep 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

981-S-2-(20)

Tot Ion:164 Resp: 92583

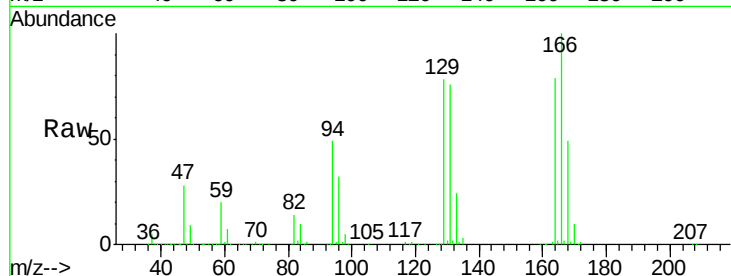
Ion Ratio Lower Upper

164 100

166 127.3 107.8 161.6

129 98.8 86.2 129.2

131 96.1 80.4 120.6

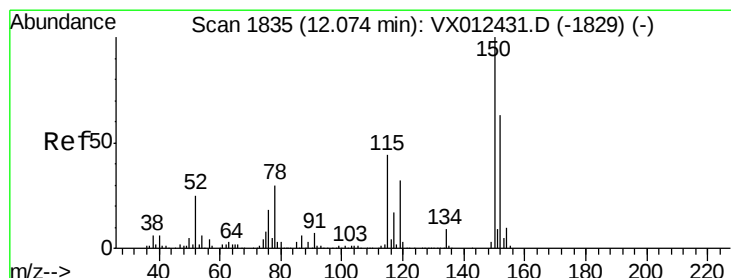
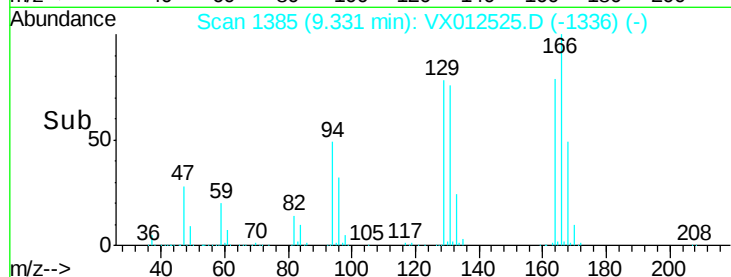
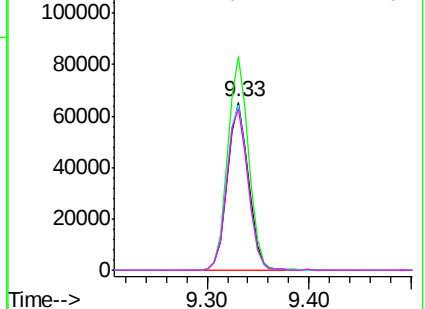


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX012525.D

Acq: 19 Sep 2019 14:01

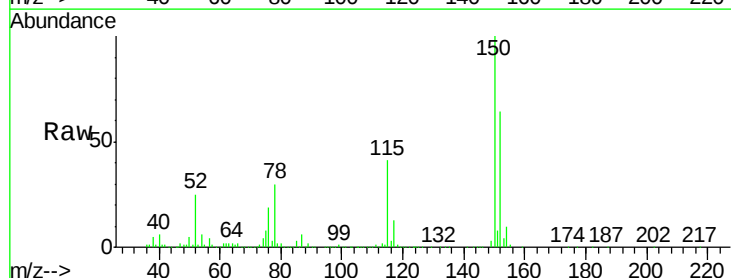
Tgt Ion:152 Resp: 102497

Ion Ratio Lower Upper

152 100

115 63.7 44.1 132.3

150 156.7 0.0 343.8



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

