

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011961.D
 Acq On : 31 Aug 2019 20:04
 Operator : SY/SP
 Sample : K4526-09
 Misc : 5.07g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F4-(0)

Quant Time: Sep 01 03:43:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

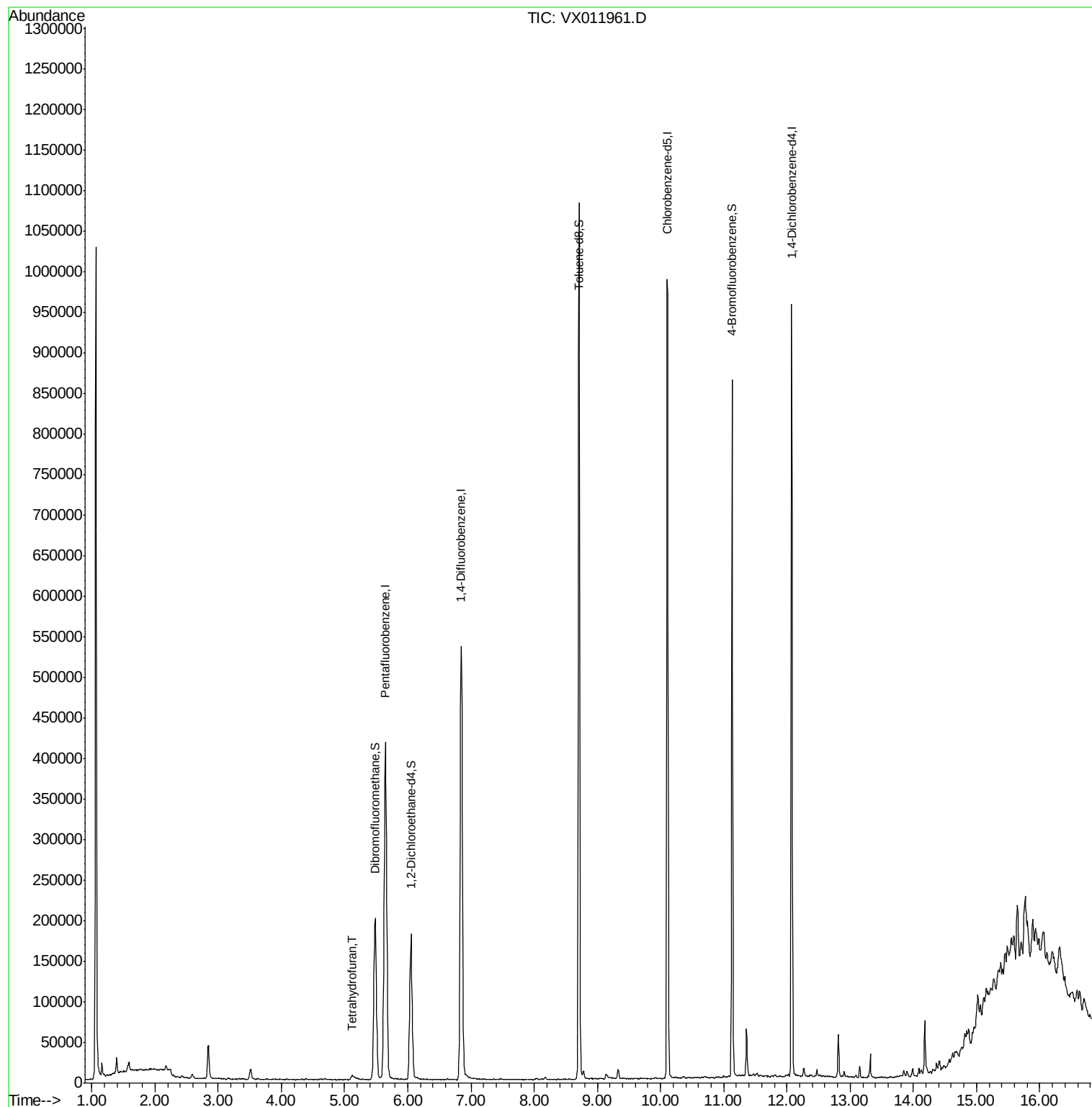
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	443984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	566104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	205087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	174221	40.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.92%	
35) Dibromofluoromethane	5.48	113	161385	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
50) Toluene-d8	8.71	98	622586	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	205933	36.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.36%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	4802	5.771	ug/l #	77

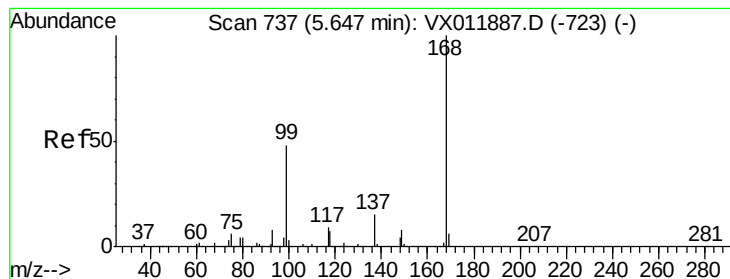
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

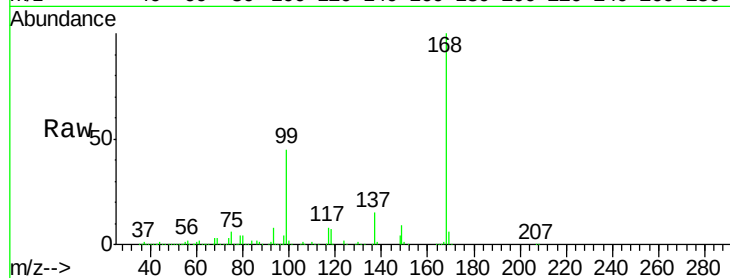
T9-12-13-F4-(0)

Tot Ion:168 Resp: 443984

Ion Ratio Lower Upper

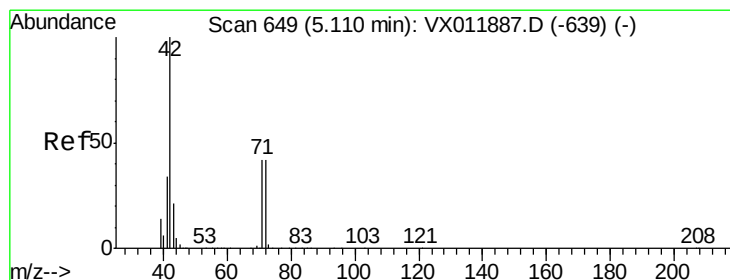
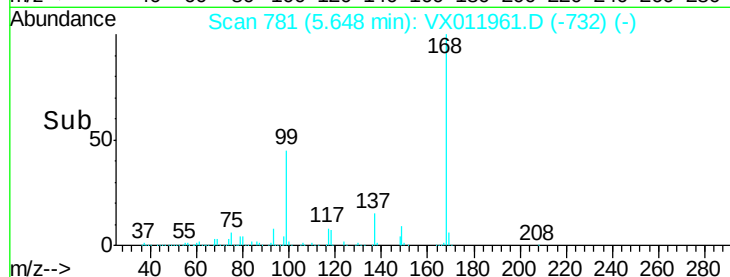
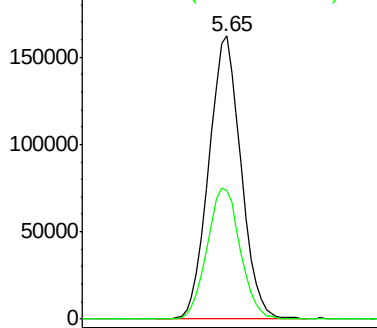
168 100

99 45.2 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#29

Tetrahydrofuran

Concen: 5.771 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

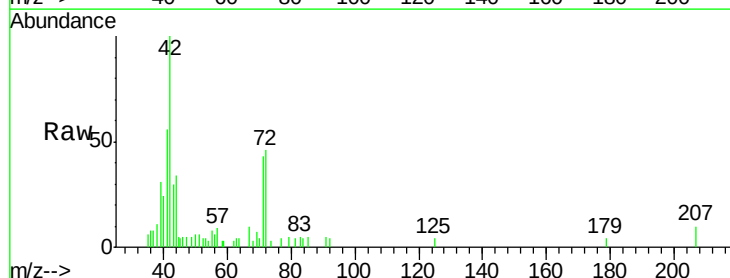
Tgt Ion: 42 Resp: 4802

Ion Ratio Lower Upper

42 100

72 57.0 36.2 54.4#

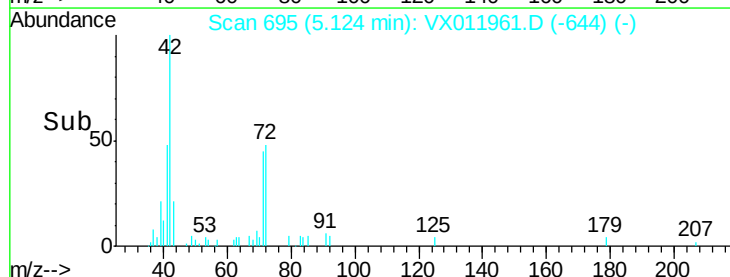
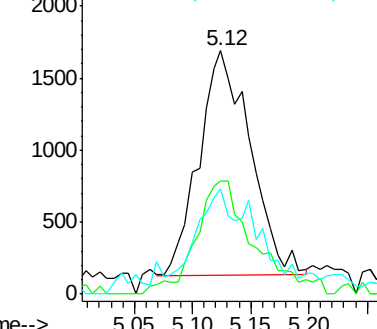
71 23.1 33.1 49.7#

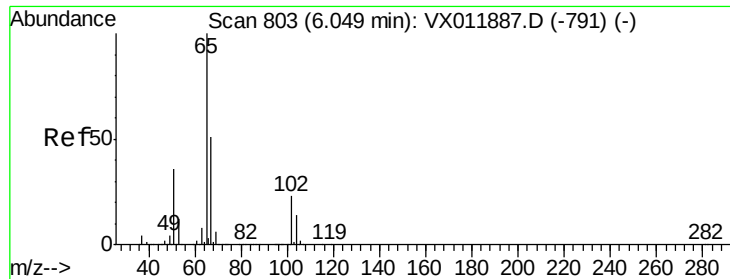


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

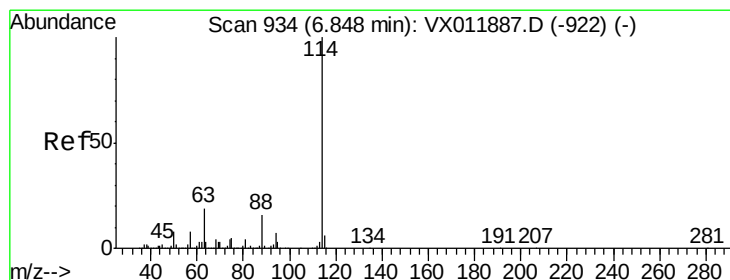
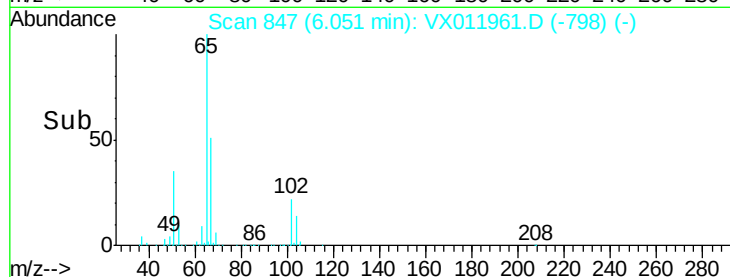
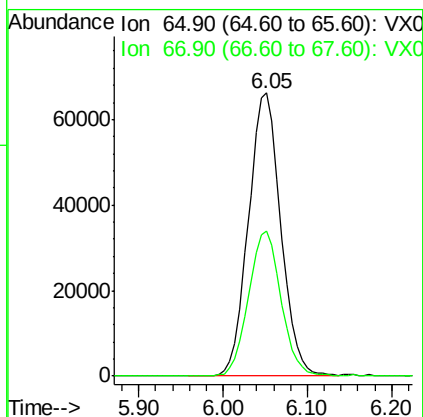
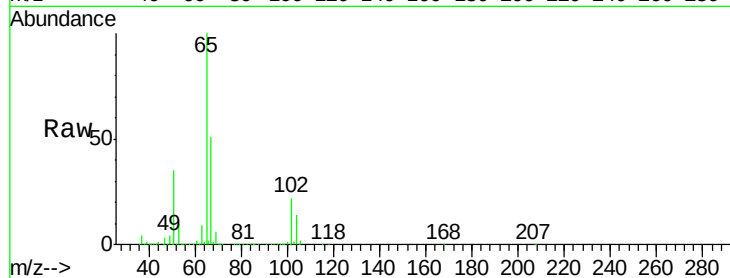




#33
 1,2-Dichloroethane-d4
 Concen: 40.956 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

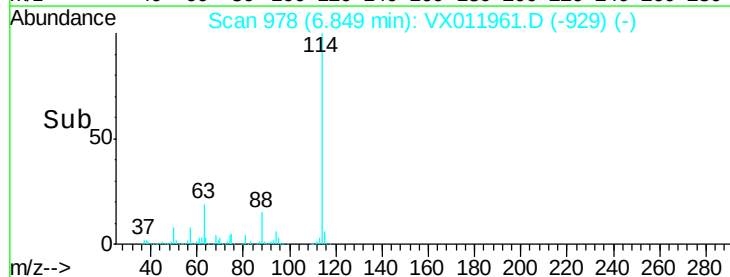
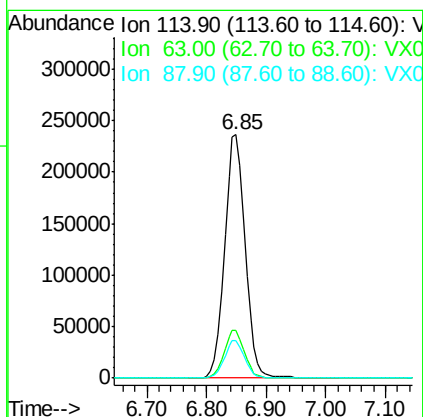
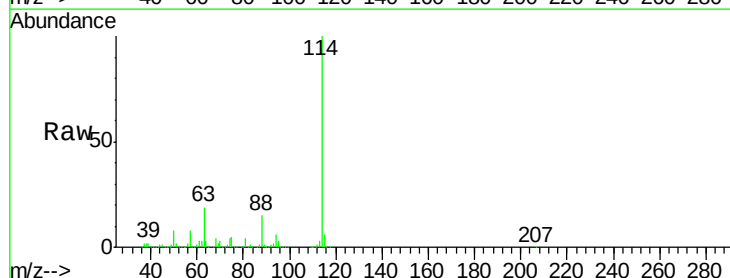
Instrument :
 MSVOA_X
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 T9-12-13-F4-(0)

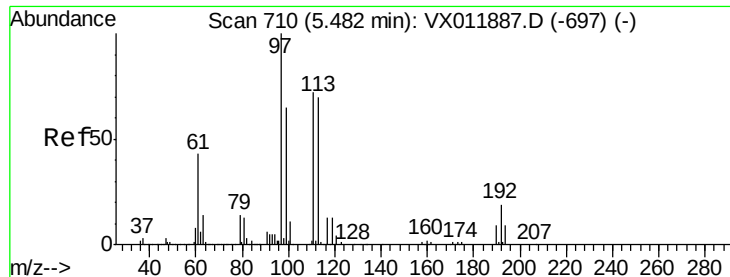
Tot Ion: 65 Resp: 174221
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

Tgt Ion: 114 Resp: 566104
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.8
 88 15.5 0.0 31.2

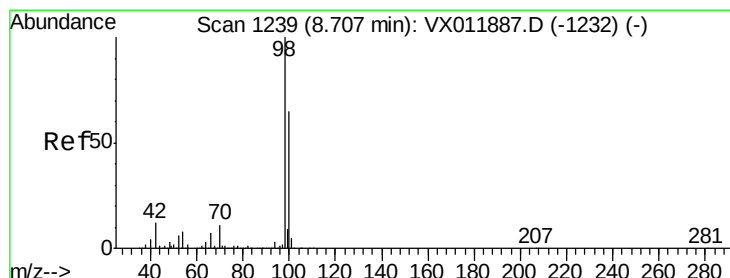
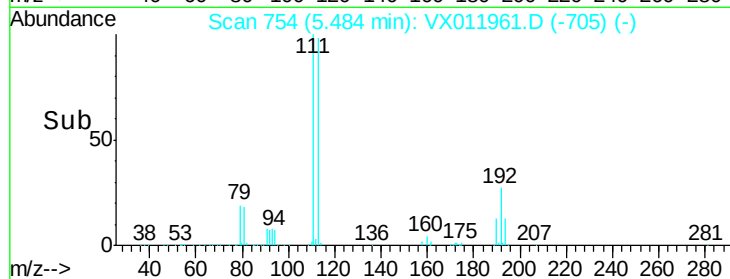
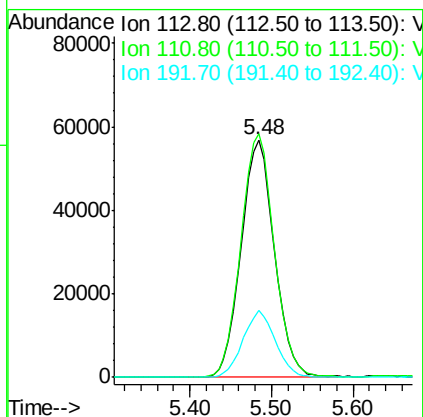
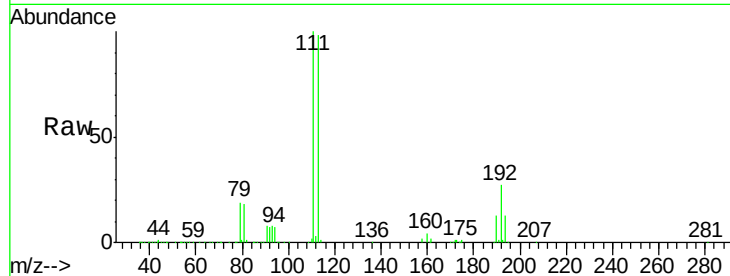




#35
 Dibromofluoromethane
 Concen: 44.458 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

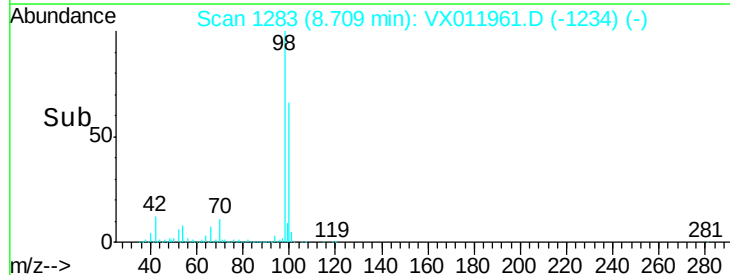
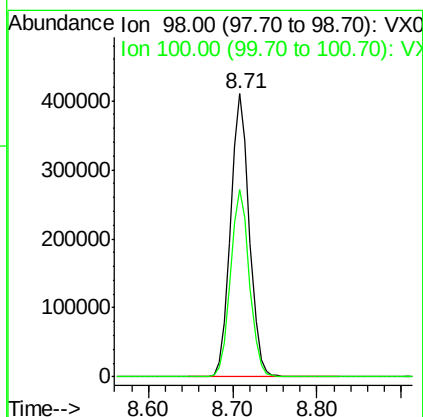
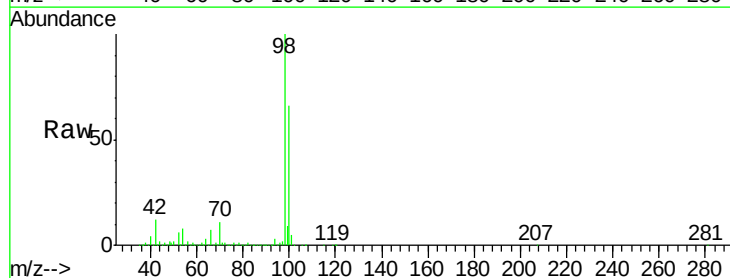
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-F4-(0)

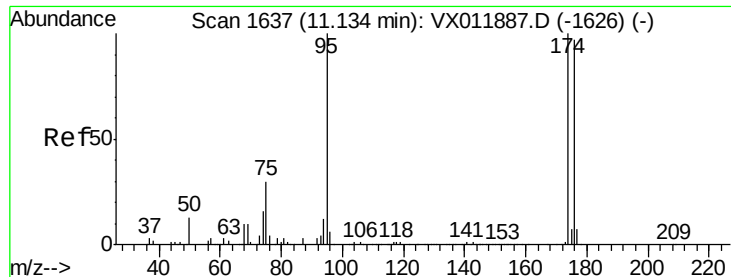
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	27.5	21.5	32.3



#50
 Toluene-d8
 Concen: 47.978 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011961.D
 Acq: 31 Aug 2019 20:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 36.177 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011961.D

Acq: 31 Aug 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F4-(0)

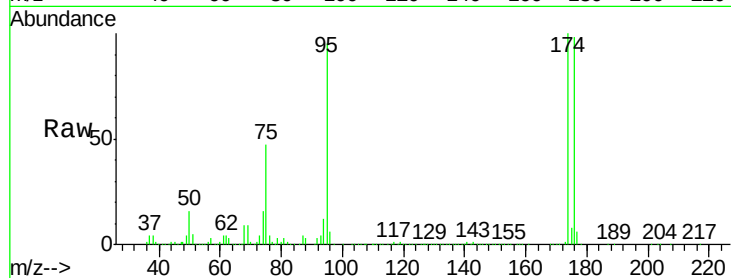
Tot Ion: 95 Resp: 205933

Ion Ratio Lower Upper

95 100

174 99.4 0.0 196.0

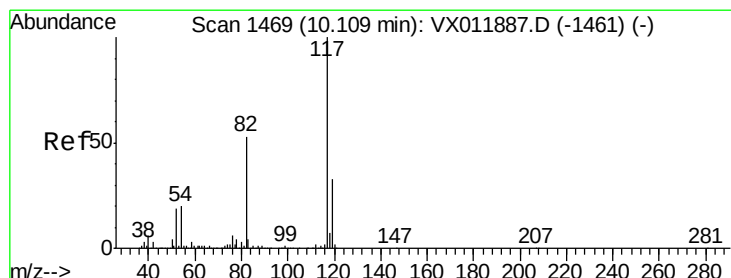
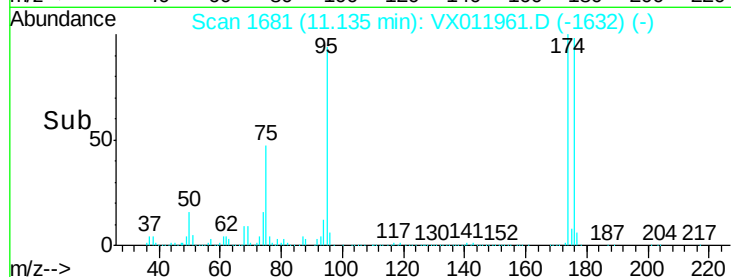
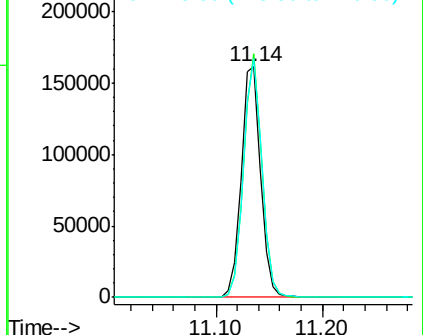
176 99.0 0.0 191.4



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: VX011961.D

Acq: 31 Aug 2019 20:04

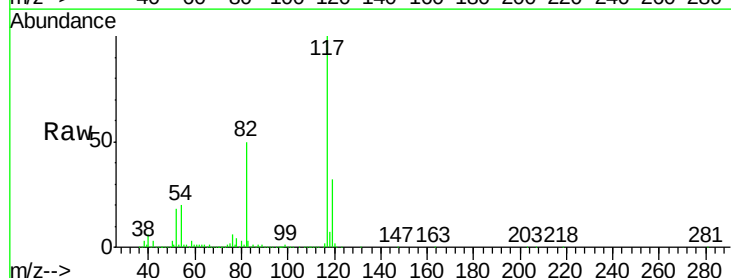
Tgt Ion: 117 Resp: 468560

Ion Ratio Lower Upper

117 100

82 50.0 42.0 63.0

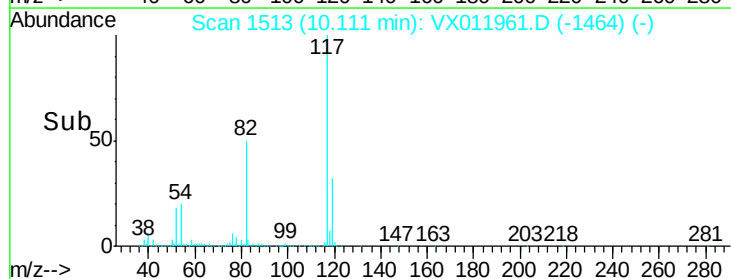
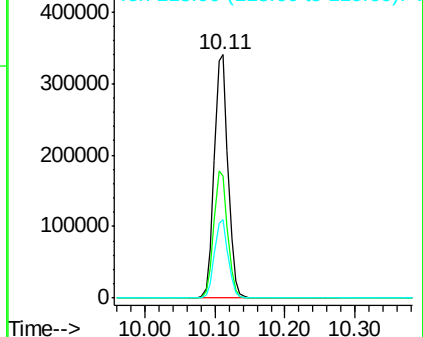
119 32.5 26.2 39.4

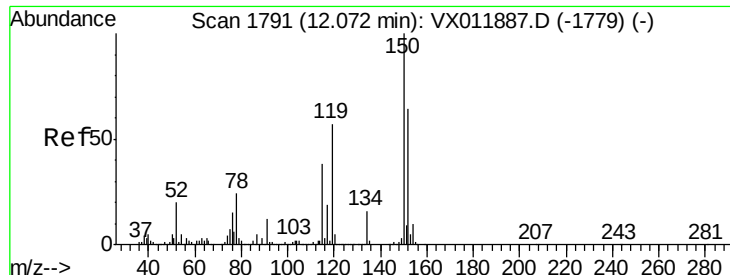


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011961.D

Acq: 31 Aug 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-F4-(0)

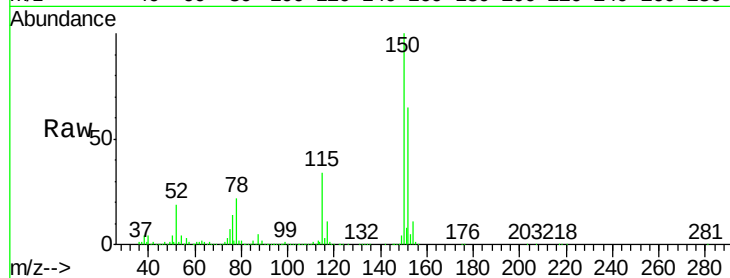
Tot Ion:152 Resp: 205087

Ion Ratio Lower Upper

152 100

115 53.3 37.1 111.3

150 154.7 0.0 339.6



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

