

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011984.D
 Acq On : 01 Sep 2019 07:45
 Operator : SY/SP
 Sample : K4527-10
 Misc : 5.90g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N1-(1.9)

Quant Time: Sep 02 01:41:05 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

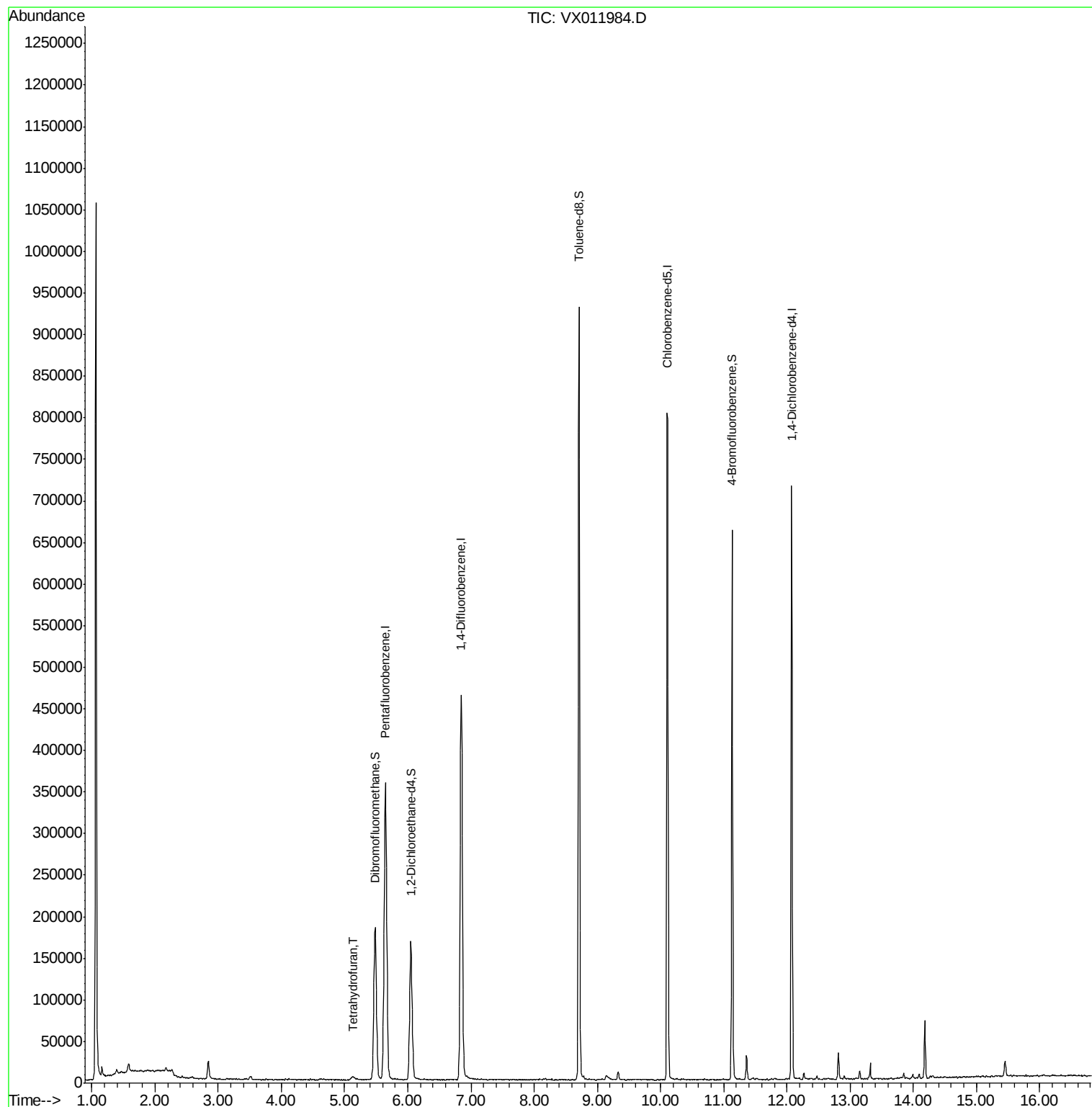
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	384101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	489904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	153150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	163452	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
35) Dibromofluoromethane	5.48	113	148744	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
50) Toluene-d8	8.71	98	529641	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	161799	32.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.70%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	4249	5.903	ug/l	Qvalue 93

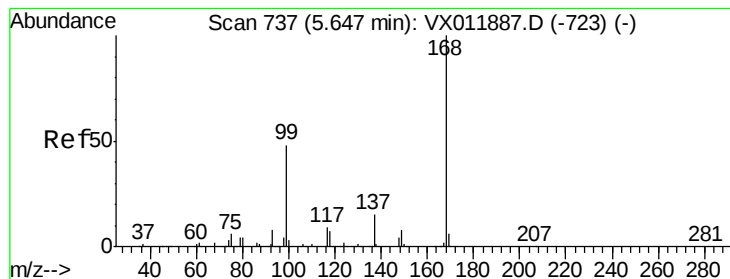
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011984.D

Acq: 01 Sep 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

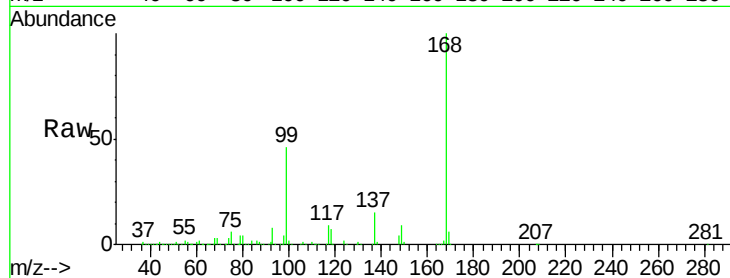
T9-12-13-N1-(1.9)

Tot Ion:168 Resp: 384101

Ion Ratio Lower Upper

168 100

99 46.1 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

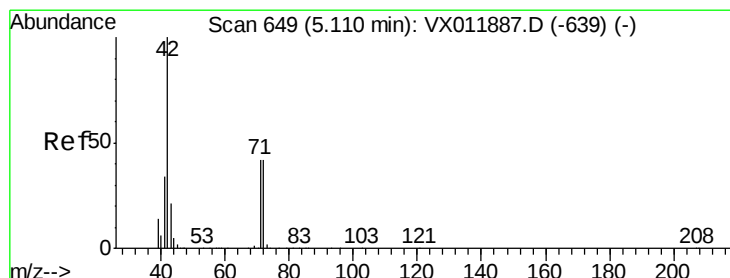
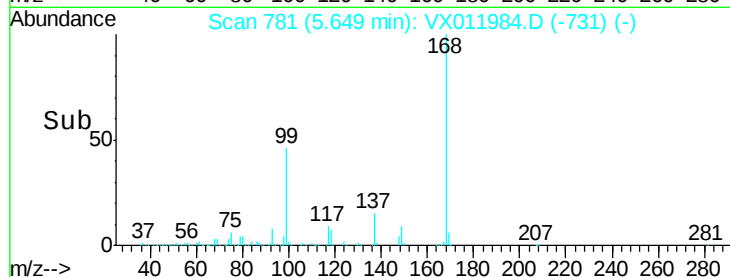
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#29

Tetrahydrofuran

Concen: 5.903 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

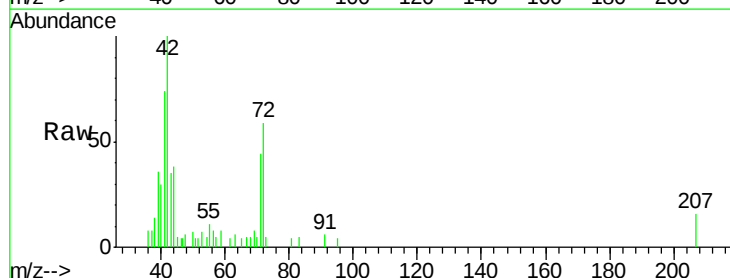
Tgt Ion: 42 Resp: 4249

Ion Ratio Lower Upper

42 100

72 48.5 36.2 54.4

71 46.7 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

5.12

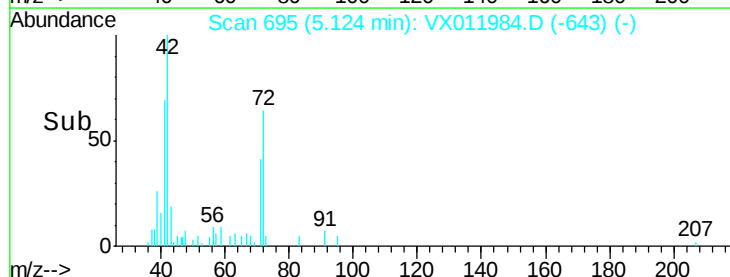
1500

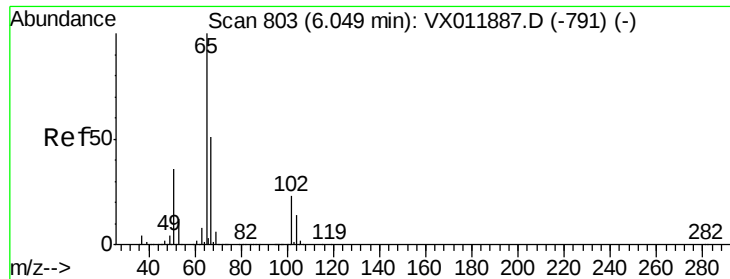
1000

500

0

Time--> 5.00 5.10 5.20





#33

1,2-Dichloroethane-d4

Concen: 44.415 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.00 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

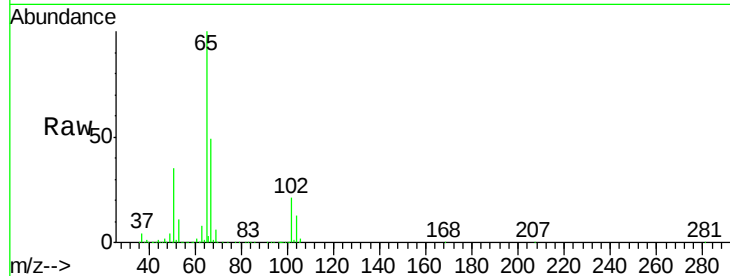
T9-12-13-N1-(1.9)

Tot Ion: 65 Resp: 163452

Ion Ratio Lower Upper

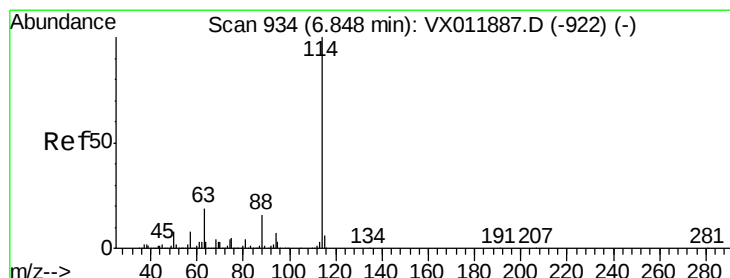
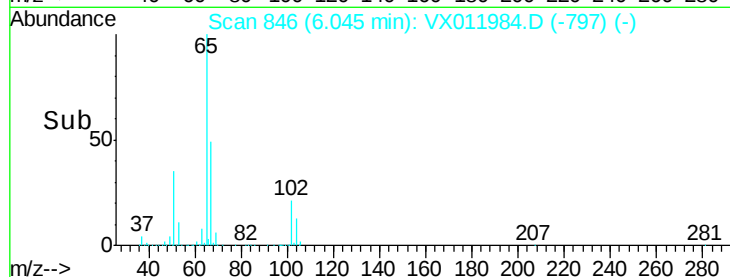
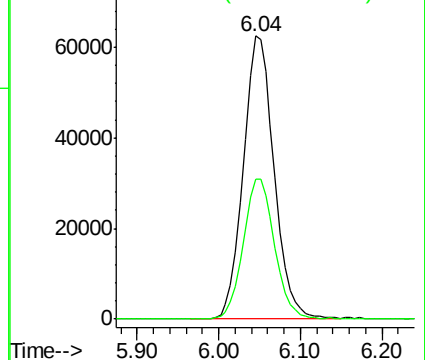
65 100

67 50.1 0.0 102.2



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: 6.84 min Scan# 977

Delta R.T. -0.00 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

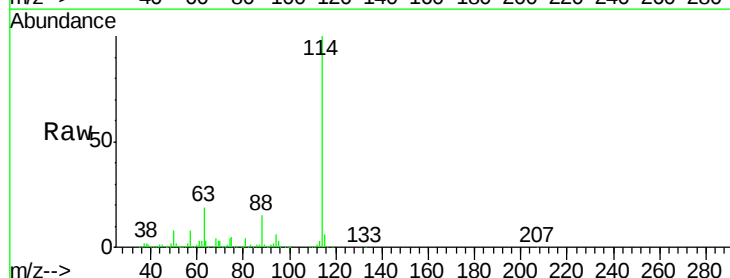
Tgt Ion: 114 Resp: 489904

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

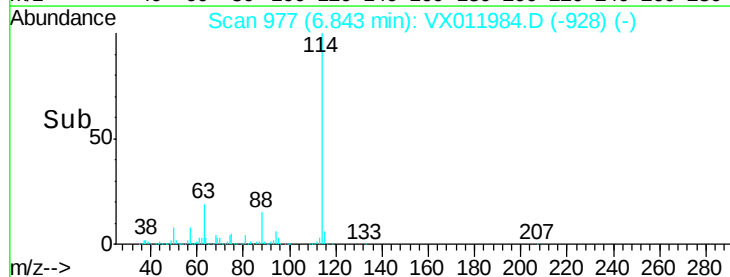
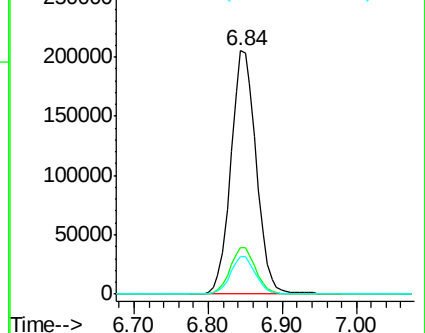
88 15.2 0.0 31.2

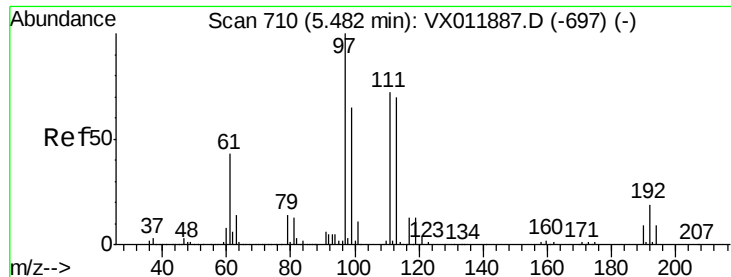


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

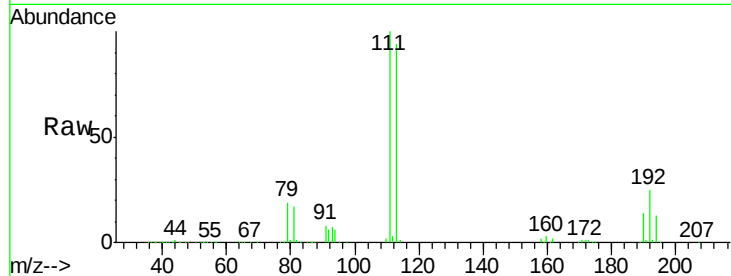




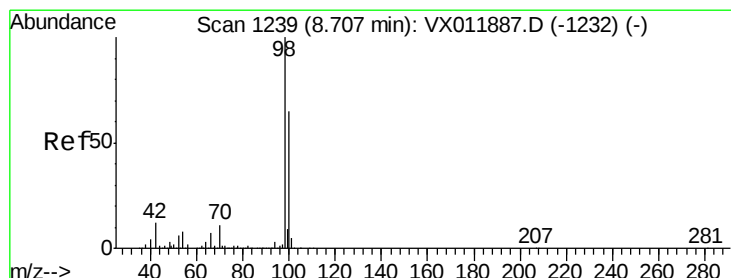
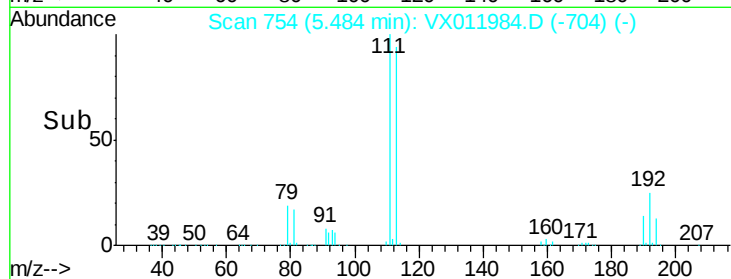
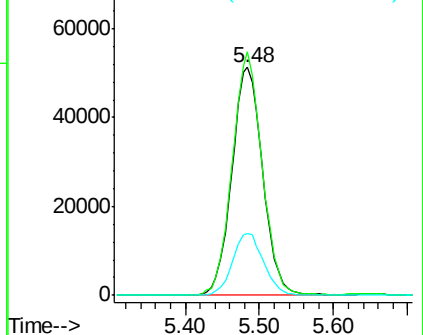
#35
 Dibromofluoromethane
 Concen: 47.349 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N1-(1.9)

Tot Ion:113 Resp: 148744
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.1 123.1
 192 27.5 21.5 32.3

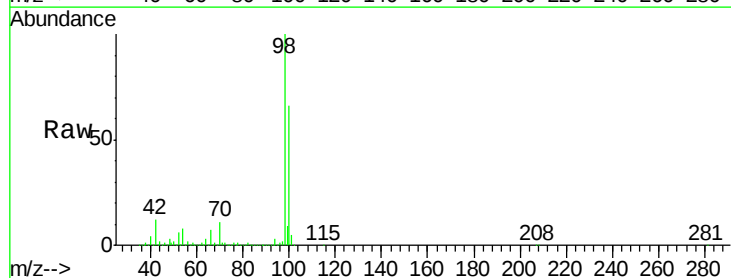


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

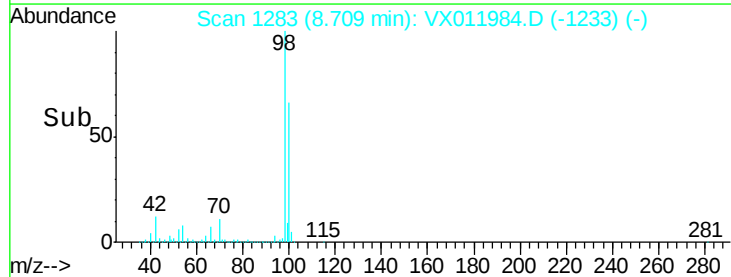
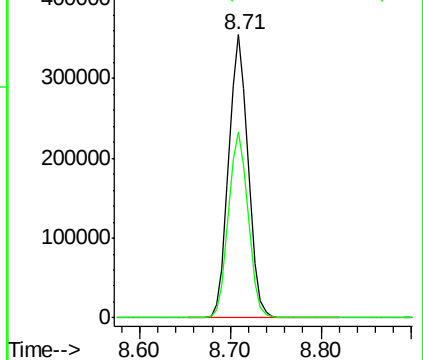


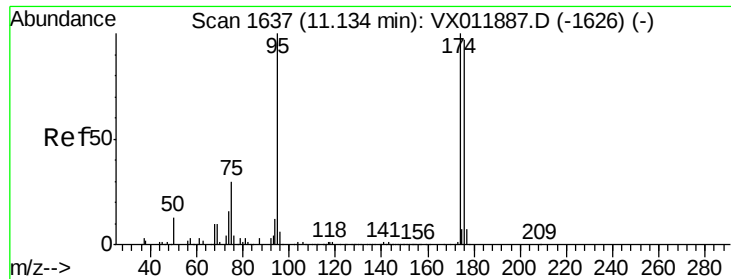
#50
 Toluene-d8
 Concen: 47.164 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

Tgt Ion: 98 Resp: 529641
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

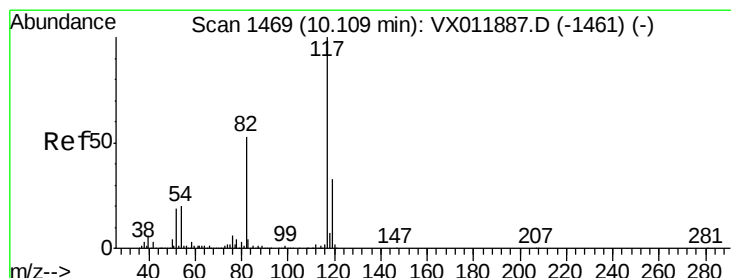
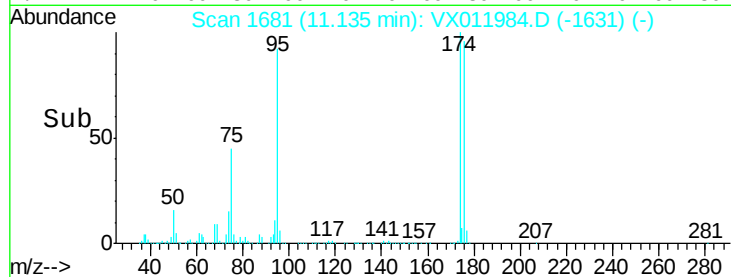
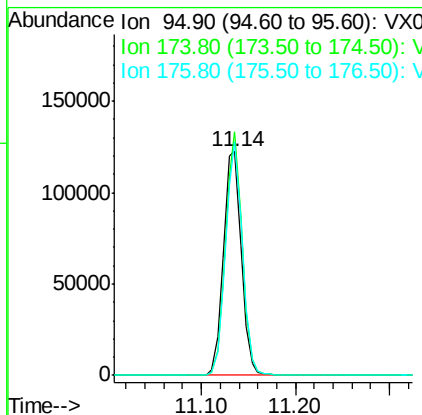
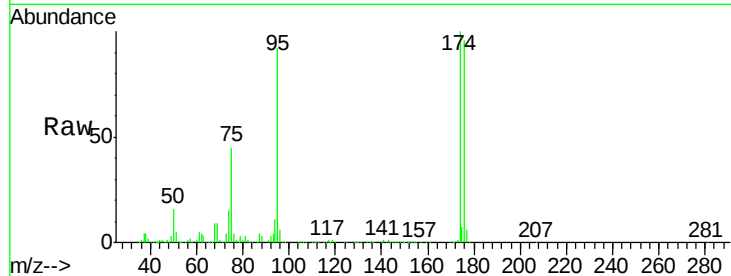




#62
 4-Bromofluorobenzene
 Concen: 32.845 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

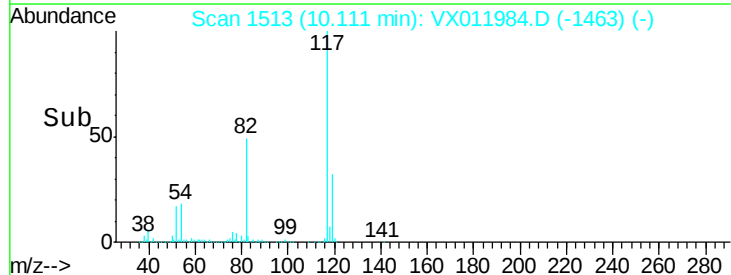
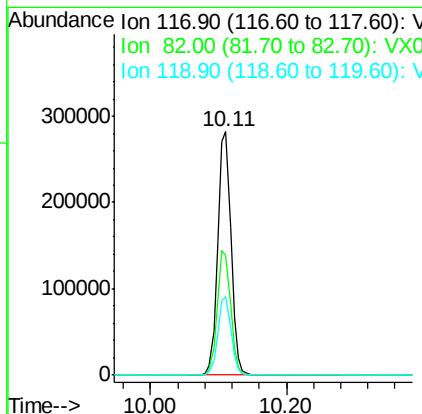
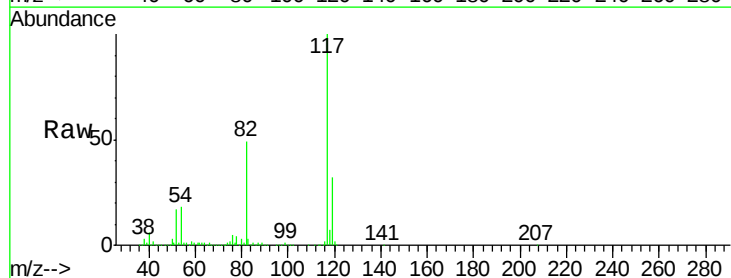
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N1-(1.9)

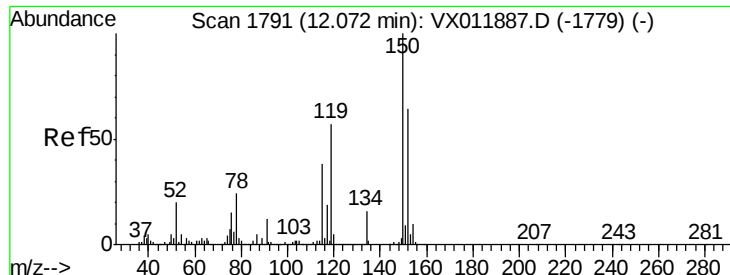
Tot Ion:	95	Resp:	161799
Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	196.0
176	97.3	0.0	191.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VX011984.D
 Acq: 01 Sep 2019 07:45

Tgt Ion:	117	Resp:	381961
Ion	Ratio	Lower	Upper
117	100		
82	49.2	42.0	63.0
119	32.3	26.2	39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011984.D

Acq: 01 Sep 2019 07:45

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-N1-(1.9)

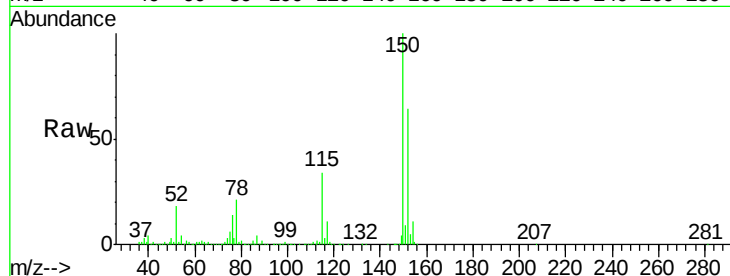
Tot Ion:152 Resp: 153150

Ion Ratio Lower Upper

152 100

115 52.9 37.1 111.3

150 155.4 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

