

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011953.D
 Acq On : 31 Aug 2019 16:19
 Operator : SY/SP
 Sample : K4516-18
 Misc : 4.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-D-(0)

Quant Time: Sep 01 02:51:27 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

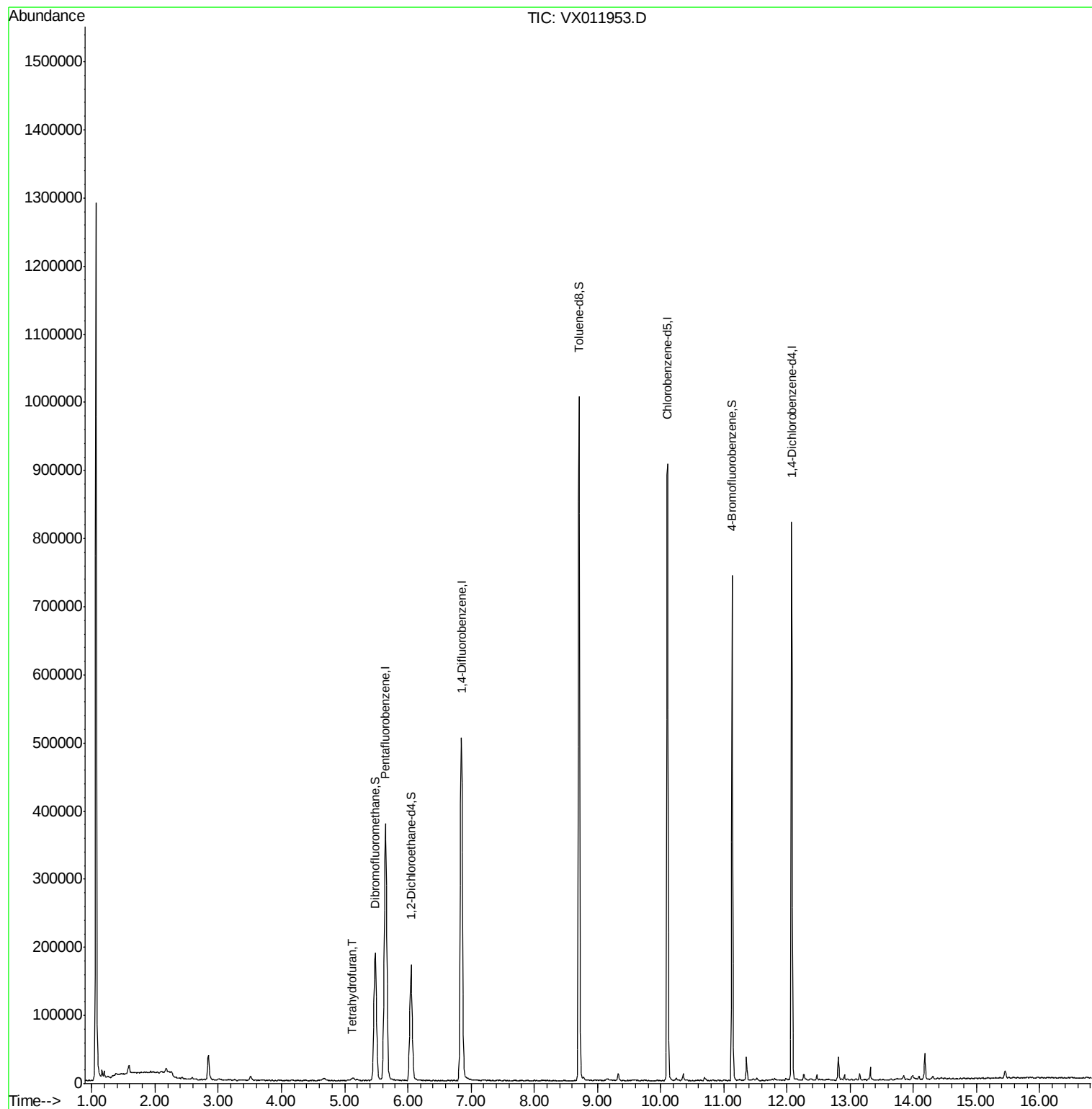
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	403310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	528287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	426965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	172212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	165987	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
35) Dibromofluoromethane	5.48	113	153154	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
50) Toluene-d8	8.71	98	580982	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	182869	34.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.86%	
Target Compounds						
29) Tetrahydrofuran	5.12	42	5124	6.780	ug/l	Qvalue 88

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083119\
Data File : VX011953.D
Acq On : 31 Aug 2019 16:19
Operator : SY/SP
Sample : K4516-18
Misc : 4.99a/5.0mL/MSVOA X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T2-S-D-(0)

Quant Time: Sep 01 02:51:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
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: VX011953.D

Acq: 31 Aug 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

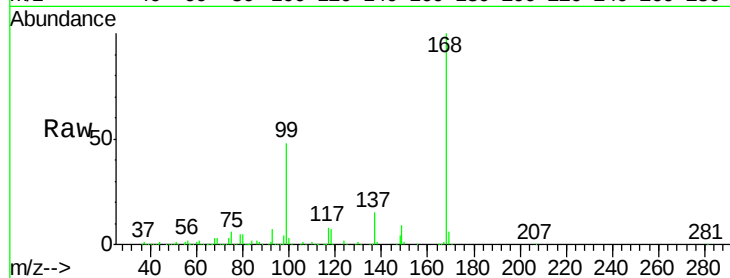
T2-S-D-(0)

Tot Ion:168 Resp: 403310

Ion Ratio Lower Upper

168 100

99 47.7 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

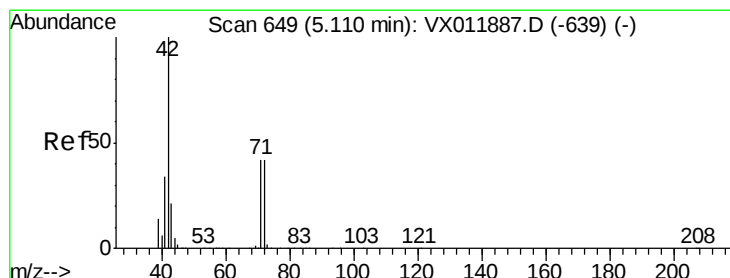
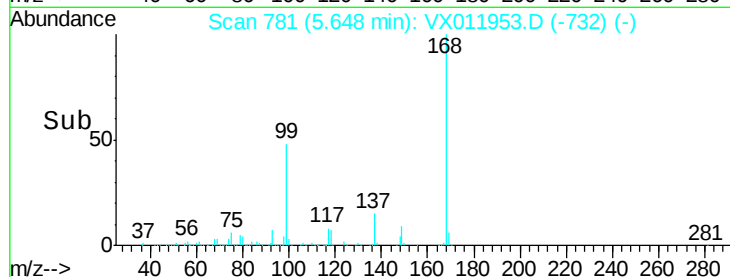
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 6.780 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX011953.D

Acq: 31 Aug 2019 16:19

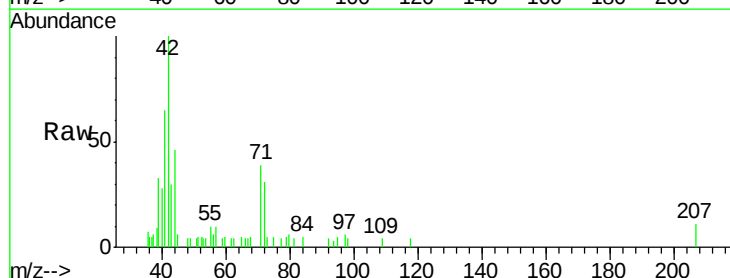
Tgt Ion: 42 Resp: 5124

Ion Ratio Lower Upper

42 100

72 36.4 36.2 54.4

71 47.5 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

2000

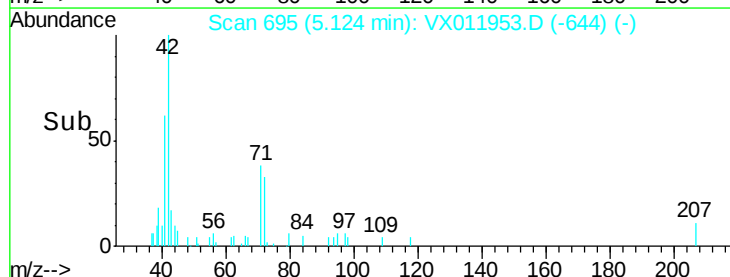
1500

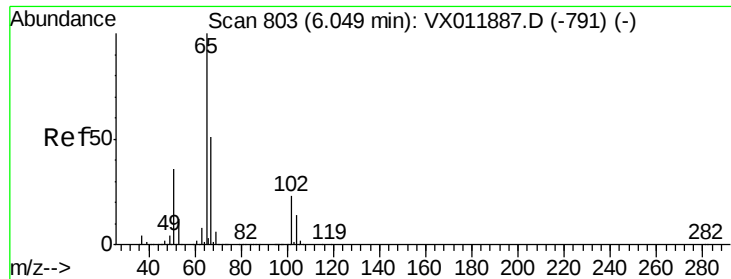
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.956 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011953.D

Acq: 31 Aug 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

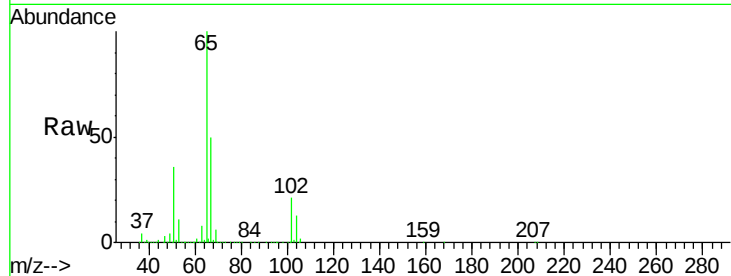
T2-S-D-(0)

Tot Ion: 65 Resp: 165987

Ion Ratio Lower Upper

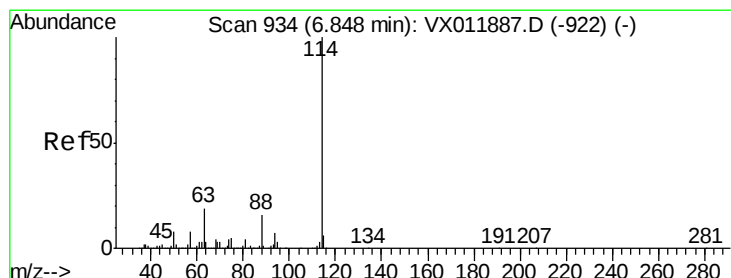
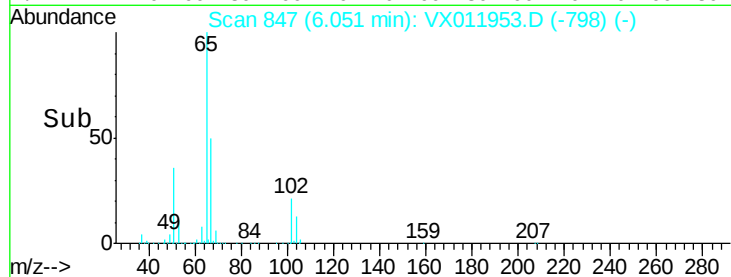
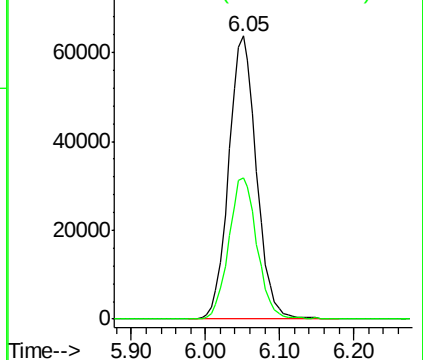
65 100

67 51.1 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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011953.D

Acq: 31 Aug 2019 16:19

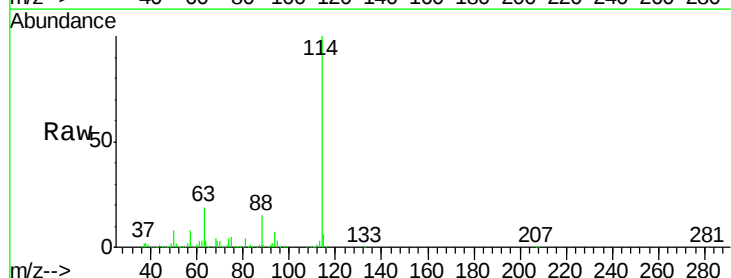
Tgt Ion: 114 Resp: 528287

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

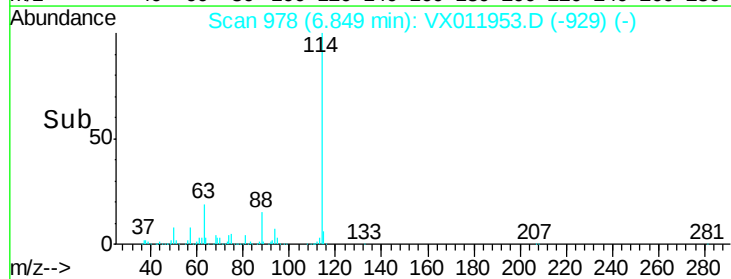
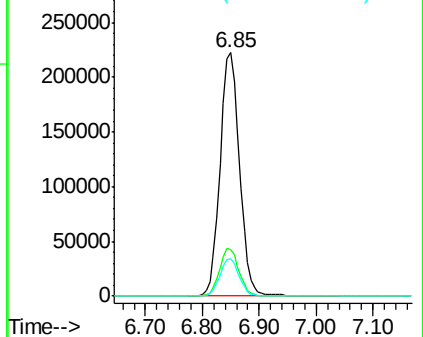
88 15.3 0.0 31.2

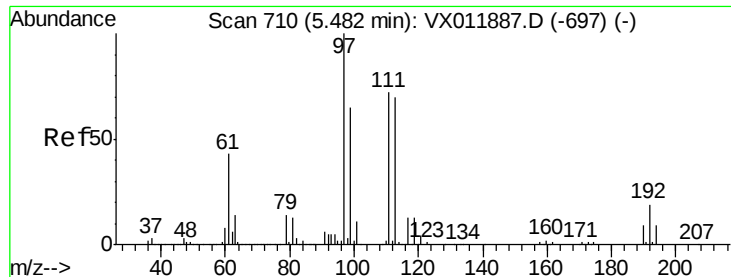


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

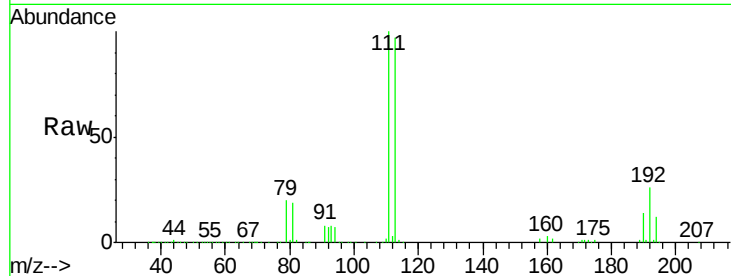




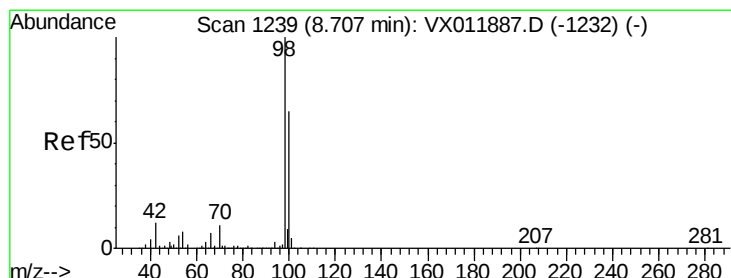
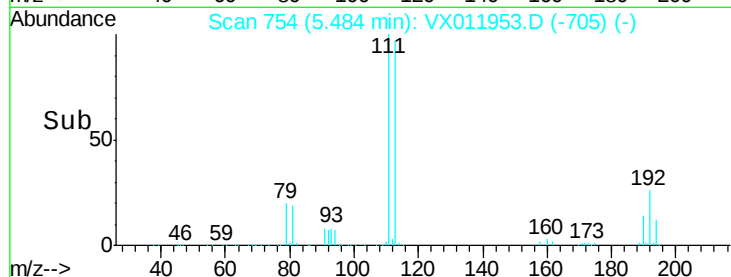
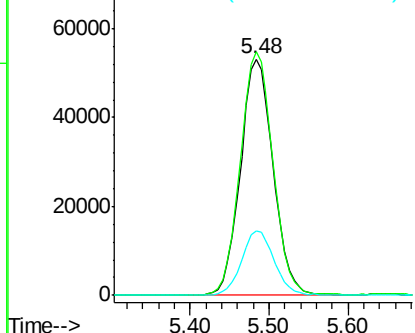
#35
Dibromofluoromethane
Concen: 45.210 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011953.D
Acq: 31 Aug 2019 16:19

Instrument :
MSVOA_X
ClientSampleId :
T2-S-D(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	27.4	21.5	32.3

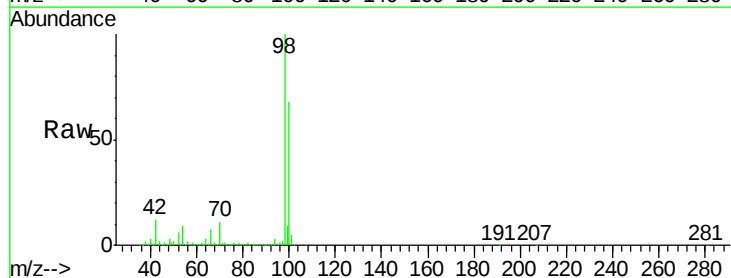


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

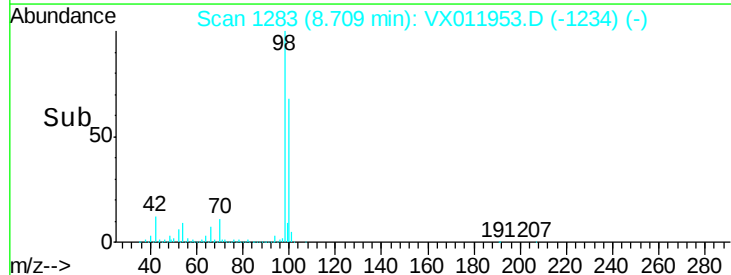
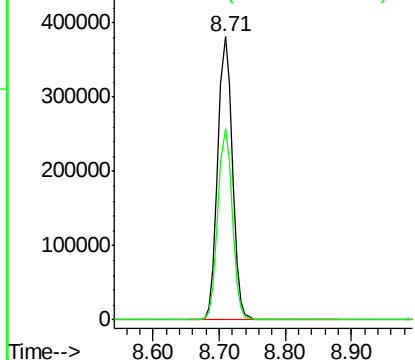


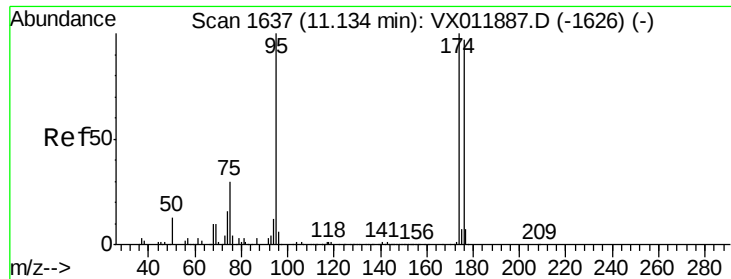
#50
Toluene-d8
Concen: 47.977 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011953.D
Acq: 31 Aug 2019 16:19

Tgt 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: 34.425 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011953.D

Acq: 31 Aug 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

T2-S-D(0)

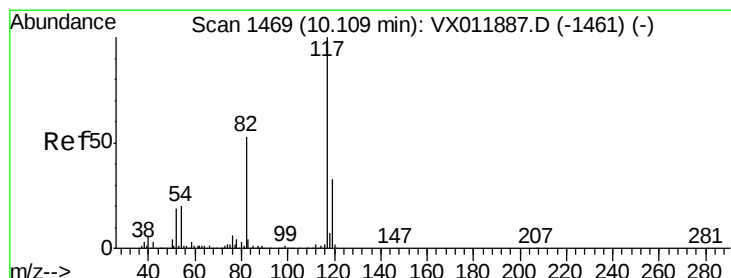
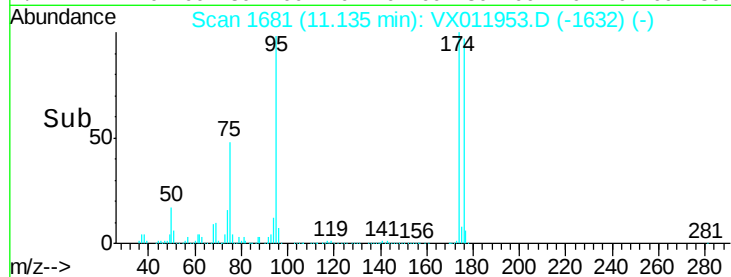
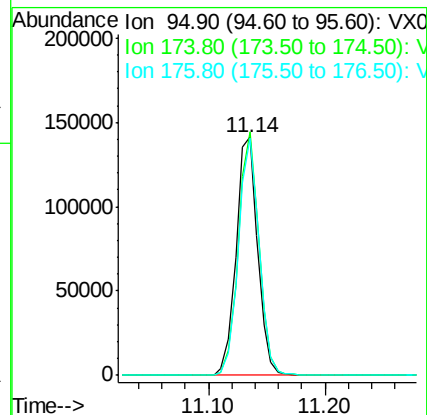
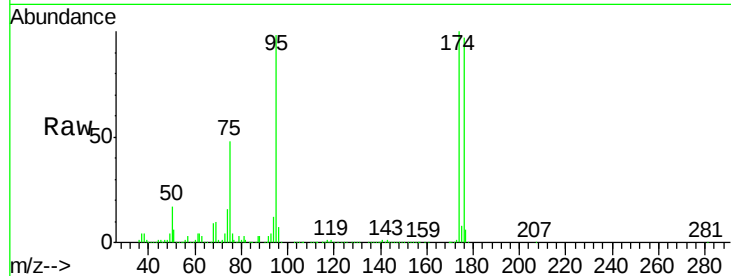
Tot Ion: 95 Resp: 182869

Ion Ratio Lower Upper

95 100

174 97.7 0.0 196.0

176 95.6 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: VX011953.D

Acq: 31 Aug 2019 16:19

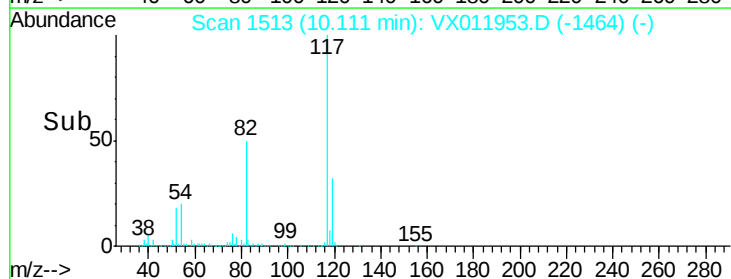
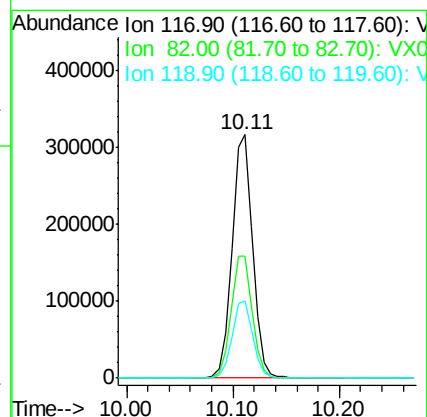
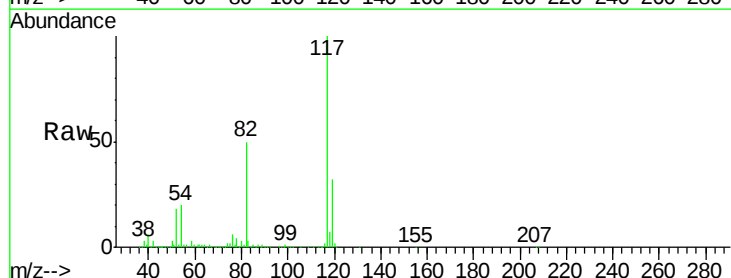
Tgt Ion: 117 Resp: 426965

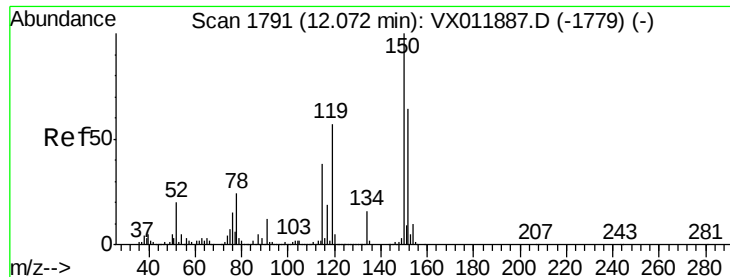
Ion Ratio Lower Upper

117 100

82 50.0 42.0 63.0

119 32.0 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: VX011953.D

Acq: 31 Aug 2019 16:19

Instrument :

MSVOA_X

ClientSampleId :

T2-S-D-(0)

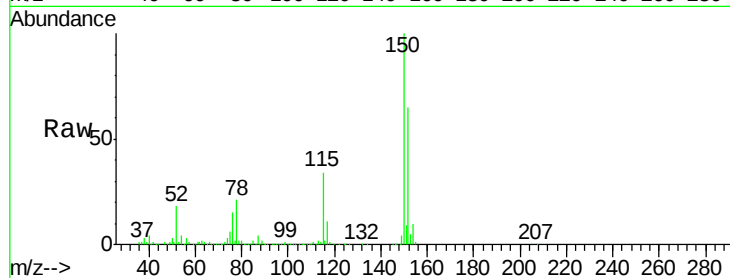
Tot Ion:152 Resp: 172212

Ion Ratio Lower Upper

152 100

115 53.5 37.1 111.3

150 157.4 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

