

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011929.D
 Acq On : 31 Aug 2019 02:20
 Operator : SY/SP
 Sample : K4472-20
 Misc : 5.14g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-S3-(2.5)

Quant Time: Aug 31 04:53:02 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

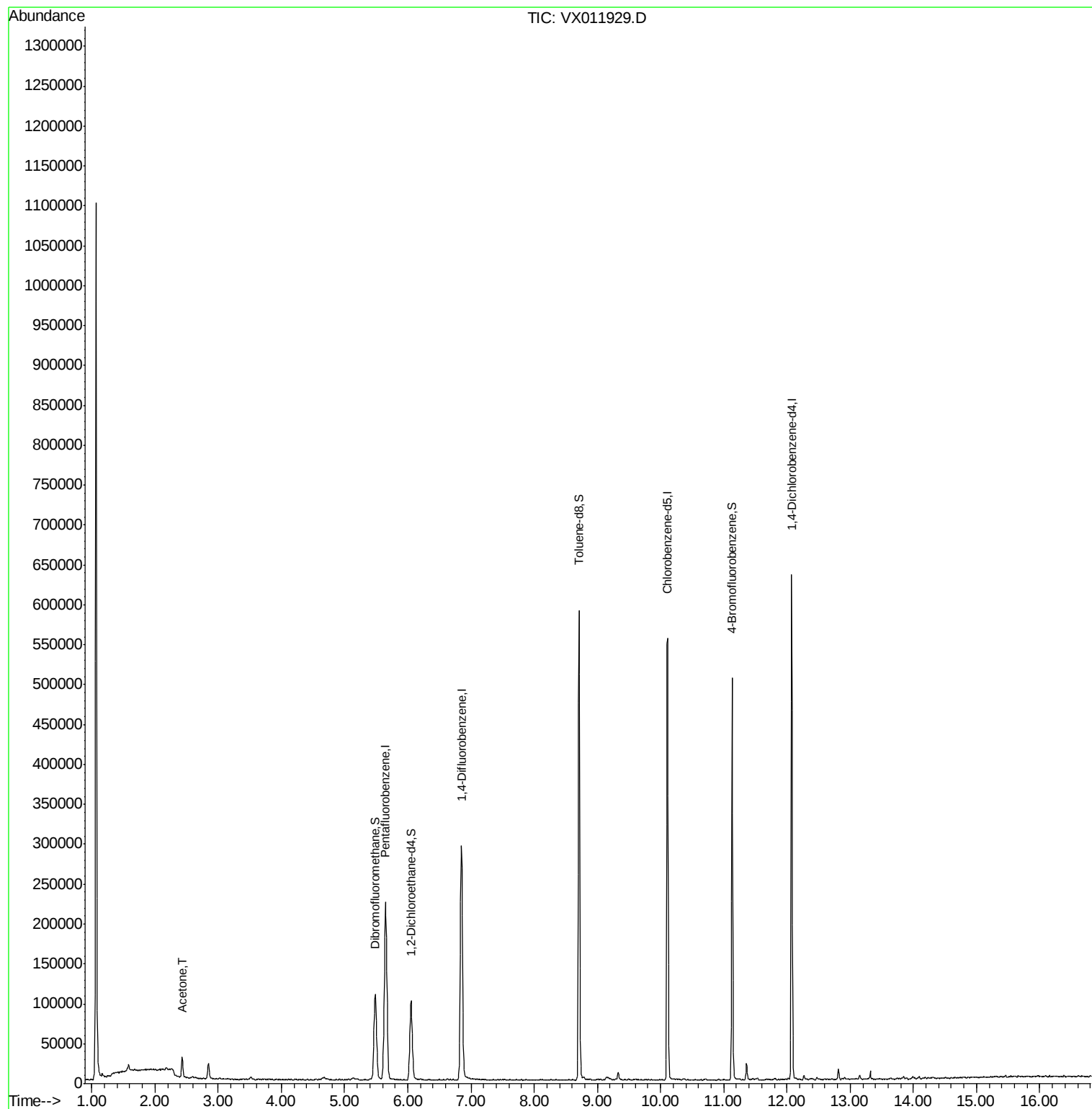
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	233058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132683	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	96892	43.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.78%	
35) Dibromofluoromethane	5.48	113	89516	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	8.71	98	341795	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	124133	40.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.64%	
Target Compounds						
16) Acetone	2.43	43	27185	56.585	ug/l	Qvalue 99

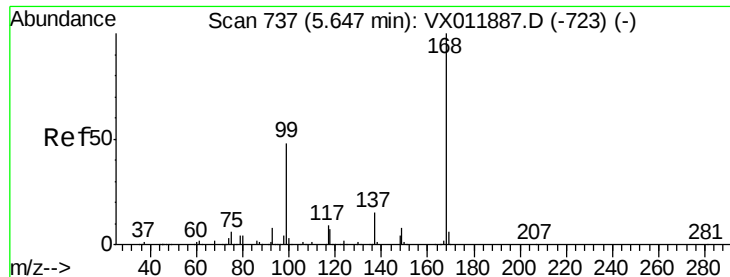
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

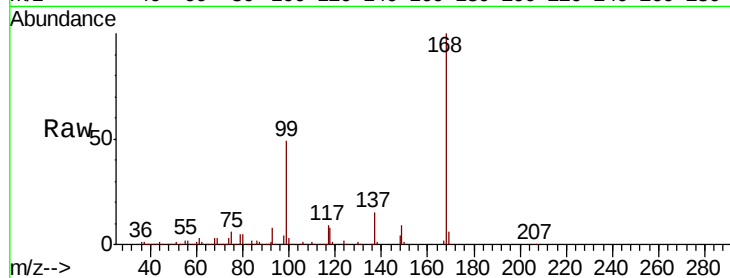
T6-S3-(2.5)

Tot Ion:168 Resp: 233058

Ion Ratio Lower Upper

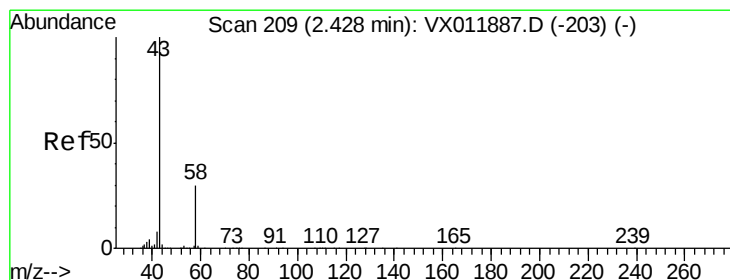
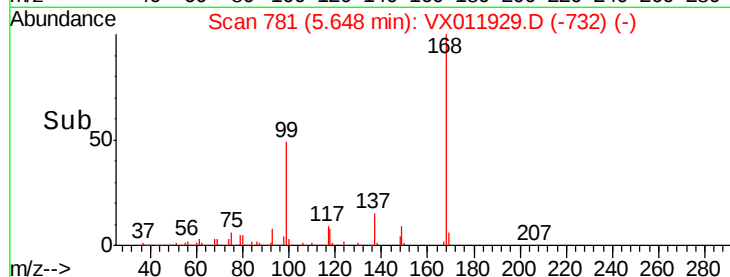
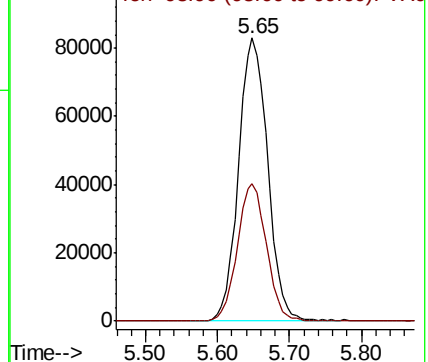
168 100

99 48.6 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 56.585 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011929.D

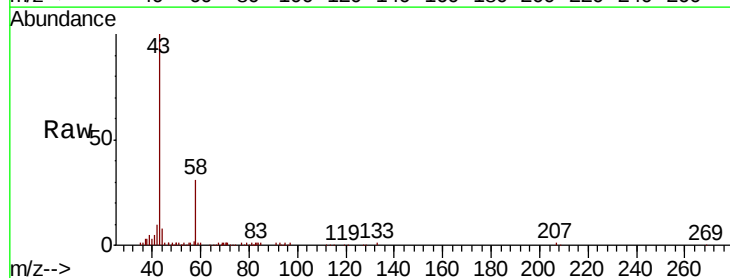
Acq: 31 Aug 2019 02:20

Tgt Ion: 43 Resp: 27185

Ion Ratio Lower Upper

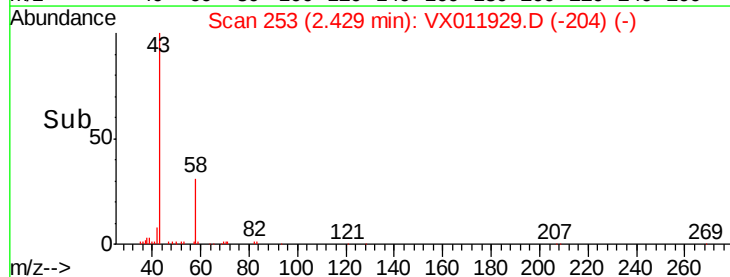
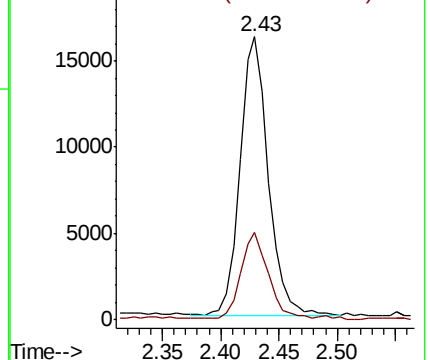
43 100

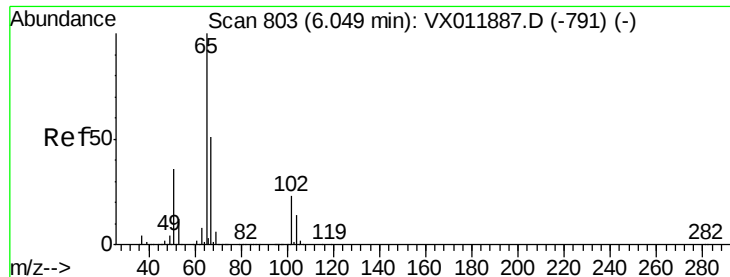
58 30.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.392 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

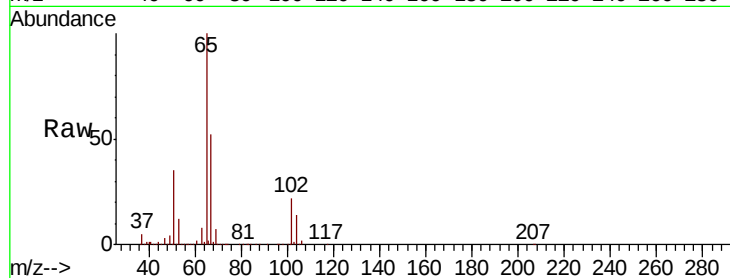
T6-S3-(2.5)

Tot Ion: 65 Resp: 96892

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

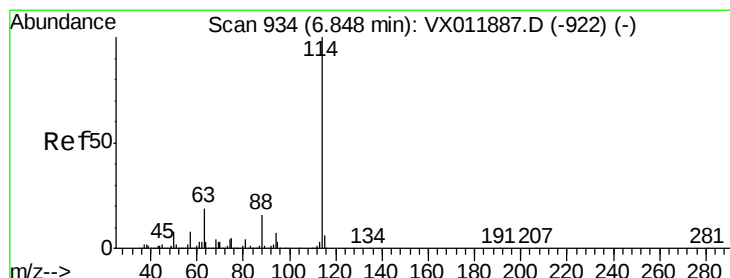
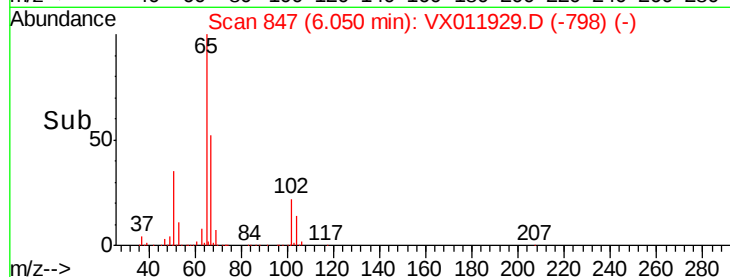
20000

10000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

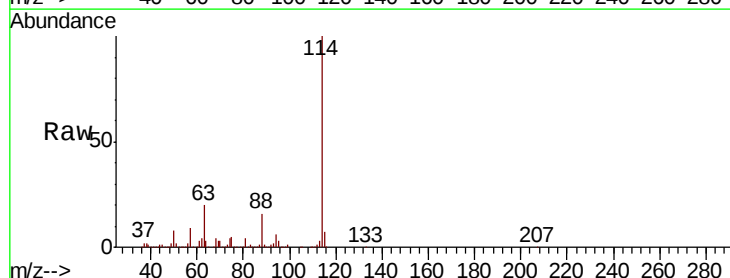
Tgt Ion: 114 Resp: 306155

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.8

88 16.0 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

6.85

150000

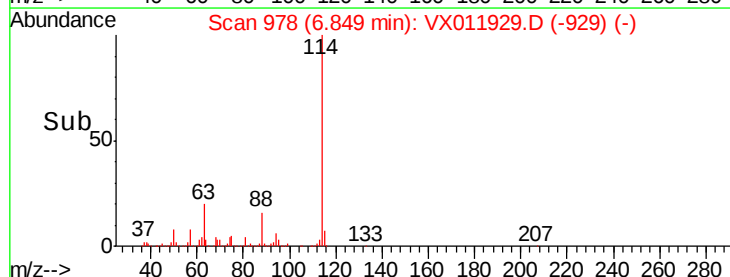
100000

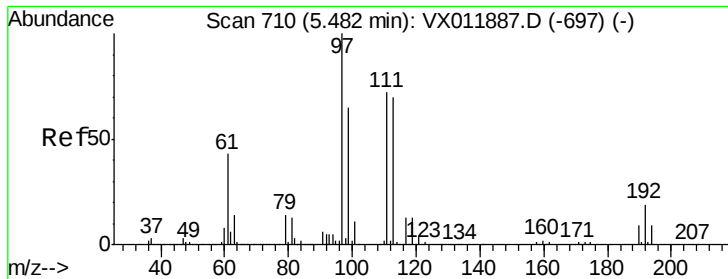
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->

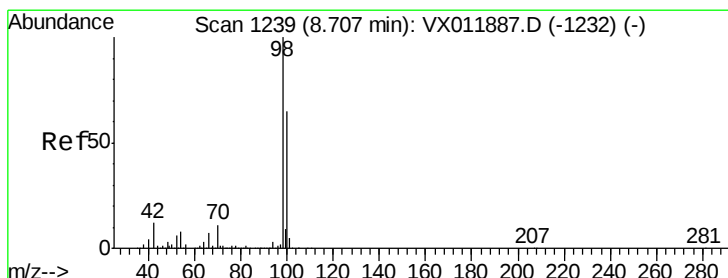
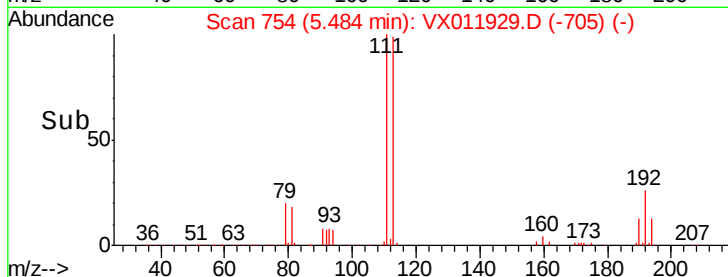
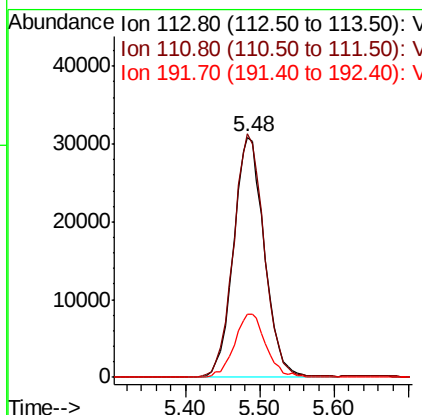
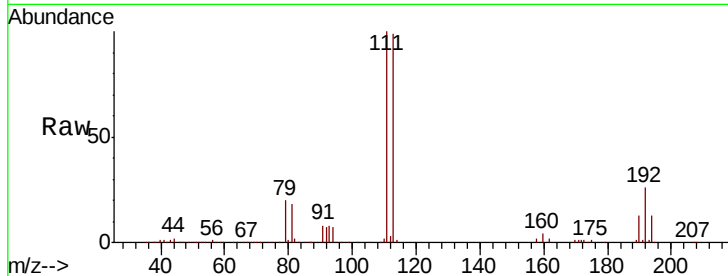




#35
 Dibromofluoromethane
 Concen: 45.597 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011929.D
 Acq: 31 Aug 2019 02:20

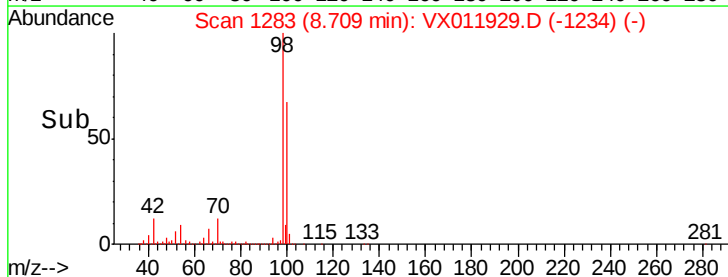
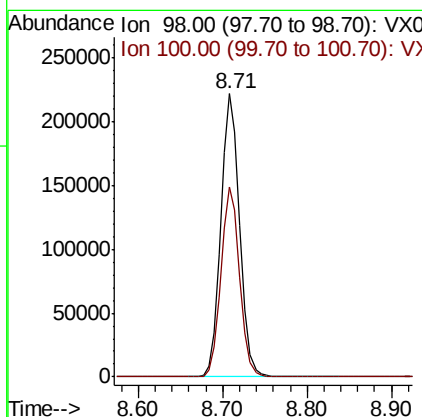
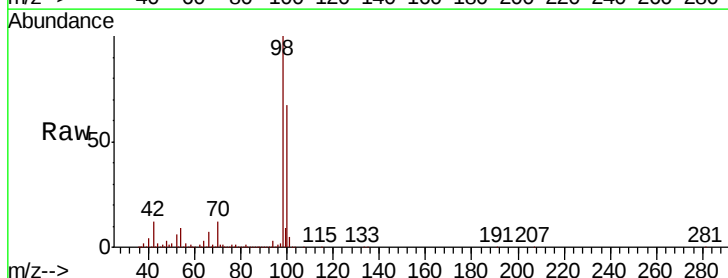
Instrument :
 MSVOA_X
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 T6-S3-(2.5)

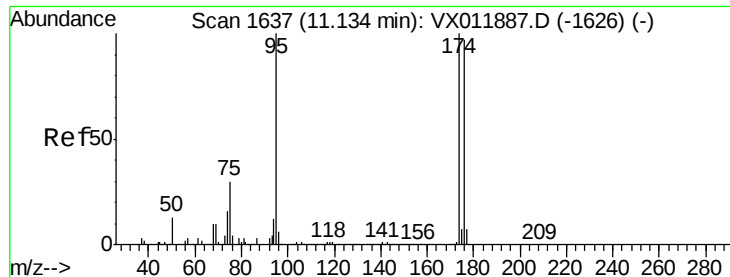
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.1	123.1
192	26.9	21.5	32.3



#50
 Toluene-d8
 Concen: 48.704 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX011929.D
 Acq: 31 Aug 2019 02:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6





#62

4-Bromofluorobenzene

Concen: 40.323 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

T6-S3-(2.5)

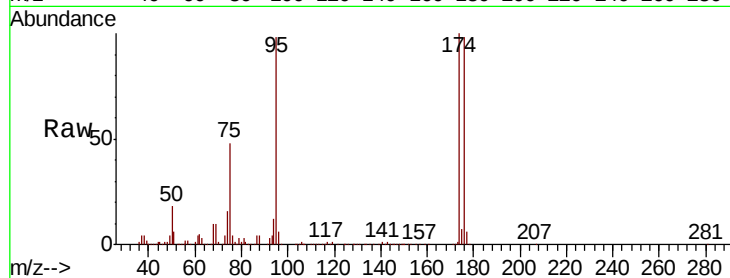
Tot Ion: 95 Resp: 124133

Ion Ratio Lower Upper

95 100

174 97.8 0.0 196.0

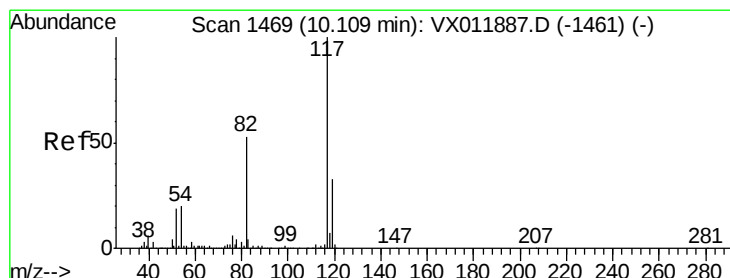
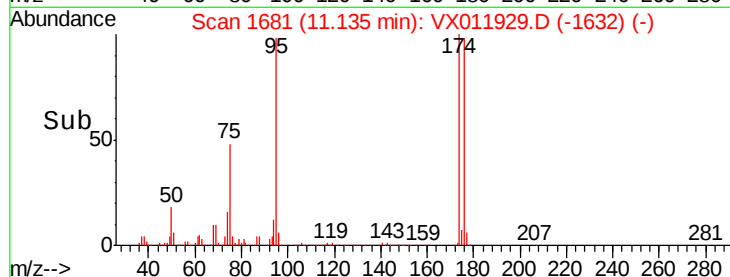
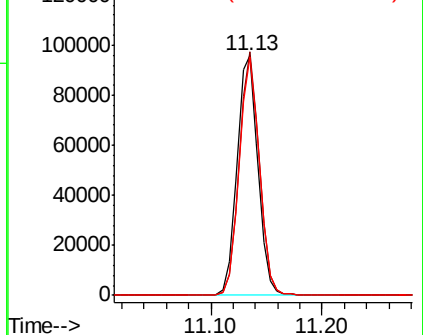
176 96.3 0.0 191.4



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: VX011929.D

Acq: 31 Aug 2019 02:20

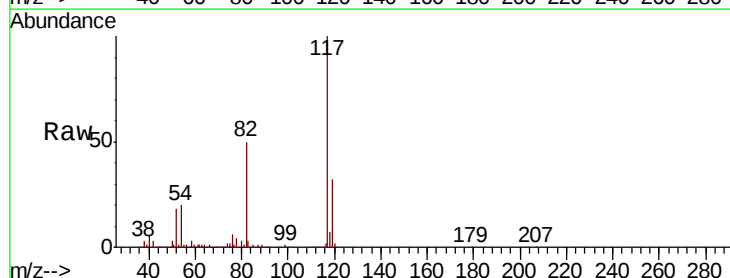
Tgt Ion: 117 Resp: 264603

Ion Ratio Lower Upper

117 100

82 50.4 42.0 63.0

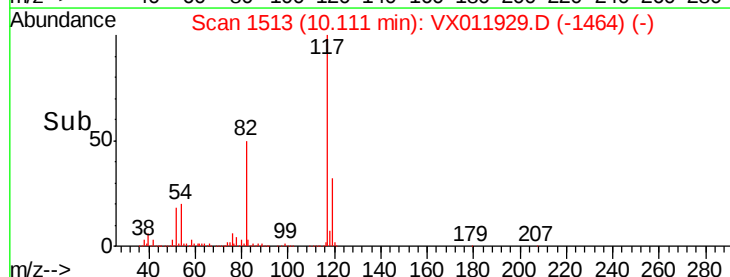
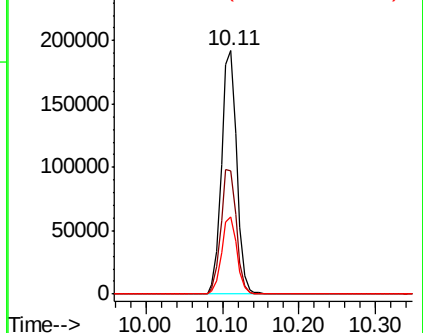
119 32.0 26.2 39.4

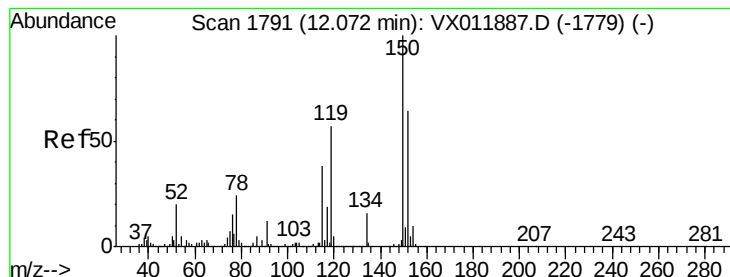


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

T6-S3-(2.5)

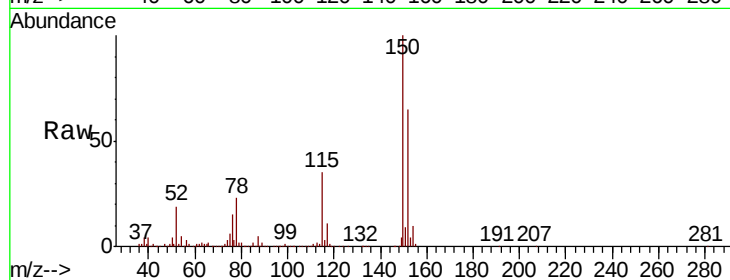
Tot Ion:152 Resp: 132683

Ion Ratio Lower Upper

152 100

115 53.8 37.1 111.3

150 156.4 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

