

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083019\
 Data File : VX011937.D
 Acq On : 31 Aug 2019 06:04
 Operator : SY/SP
 Sample : K4493-12
 Misc : 5.21g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-K2-(0)

Quant Time: Aug 31 06:27:59 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	195986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	249747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101521	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	76849	40.93	ug/l	0.00
Spiked Amount						
			Recovery	=	81.86%	
35) Dibromofluoromethane	5.48	113	71425	44.60	ug/l	0.00
Spiked Amount						
			Recovery	=	89.20%	
50) Toluene-d8	8.71	98	279188	48.77	ug/l	0.00
Spiked Amount						
			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	96831	38.56	ug/l	0.00
Spiked Amount						
			Recovery	=	77.12%	

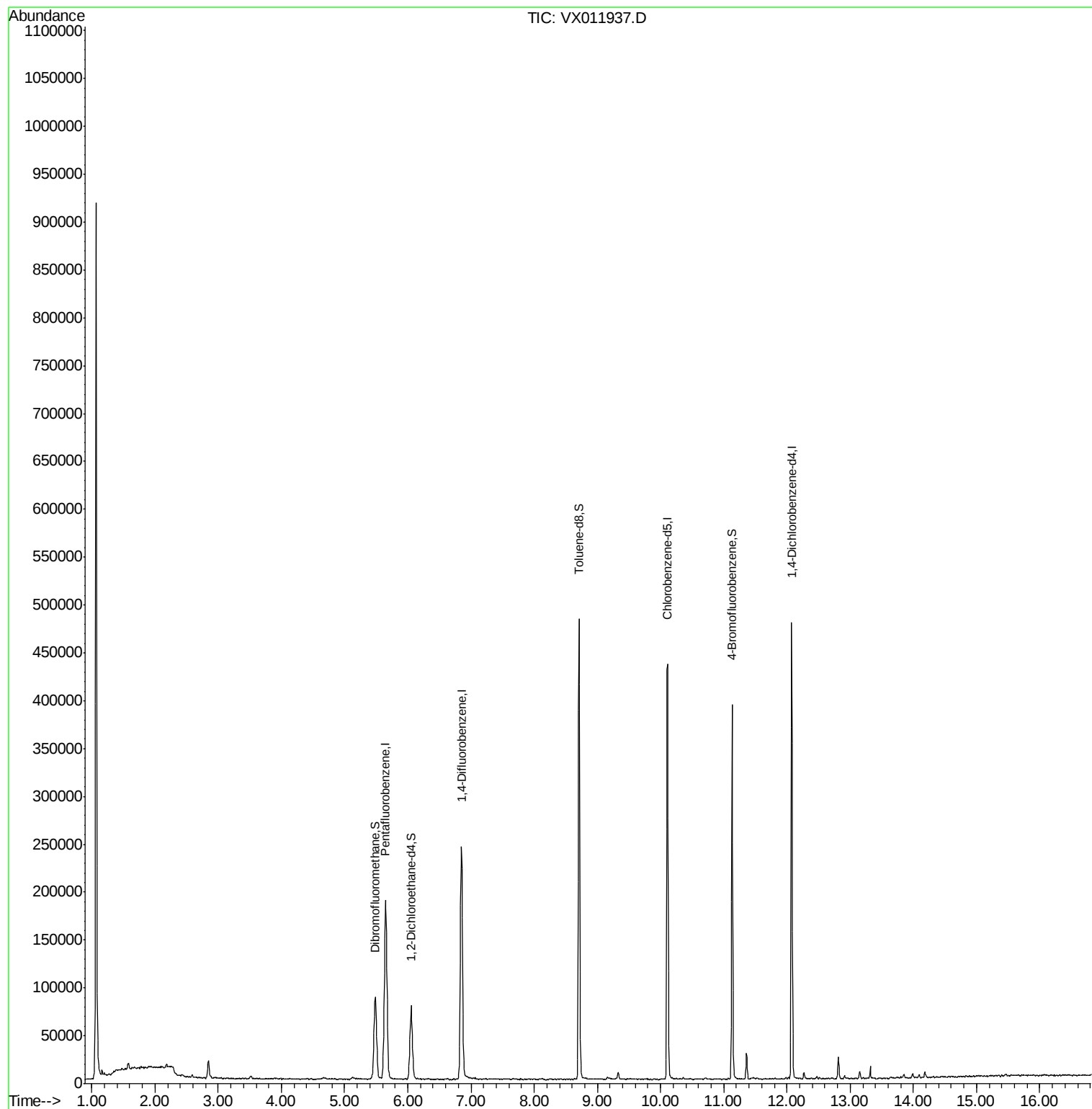
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
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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: VX011937.D

Acq: 31 Aug 2019 06:04

Instrument :

MSVOA_X

ClientSampleId :

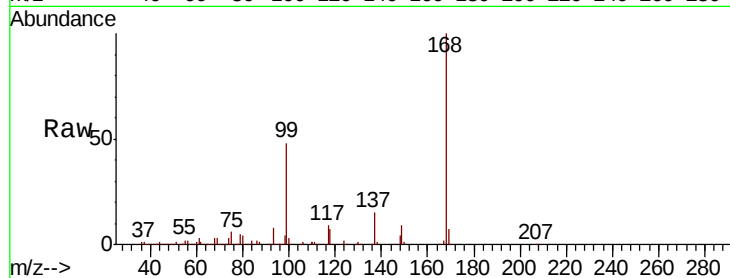
T9-12-13-K2-(0)

Tot Ion:168 Resp: 195986

Ion Ratio Lower Upper

168 100

99 47.6 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

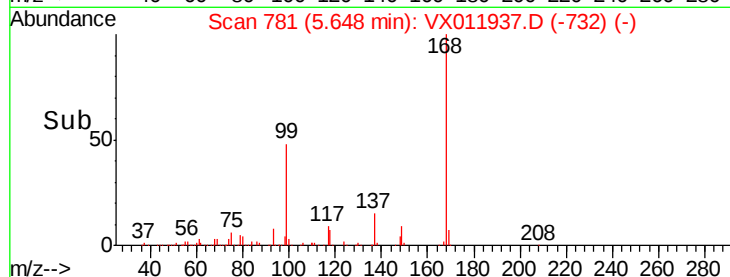
40000

20000

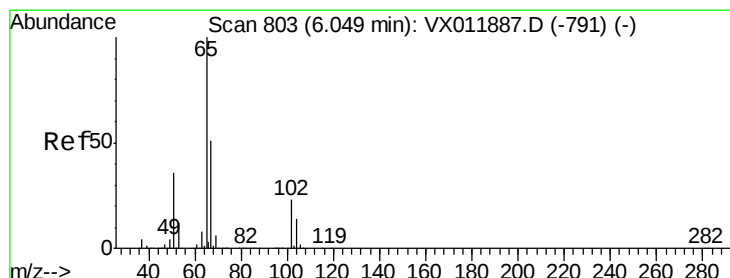
0

5.50 5.60 5.70 5.80

5.65



Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.926 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011937.D

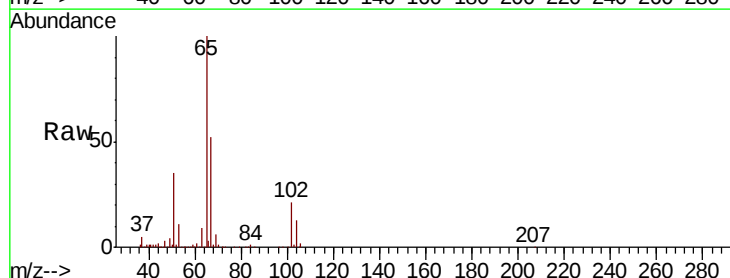
Acq: 31 Aug 2019 06:04

Tgt Ion: 65 Resp: 76849

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

30000

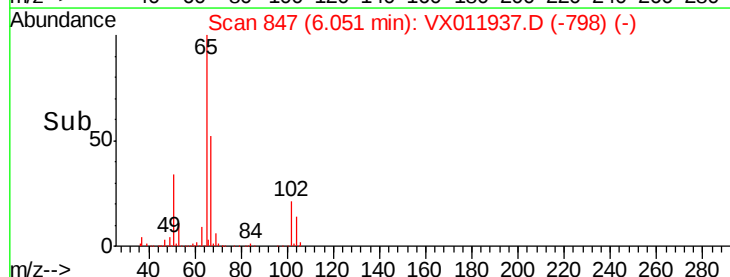
20000

10000

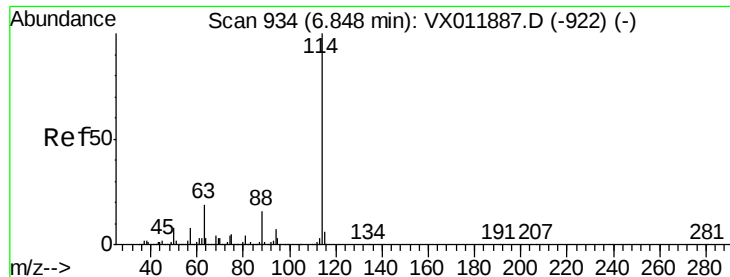
0

5.90 6.00 6.10 6.20

6.05



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011937.D

Acq: 31 Aug 2019 06:04

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-K2-(0)

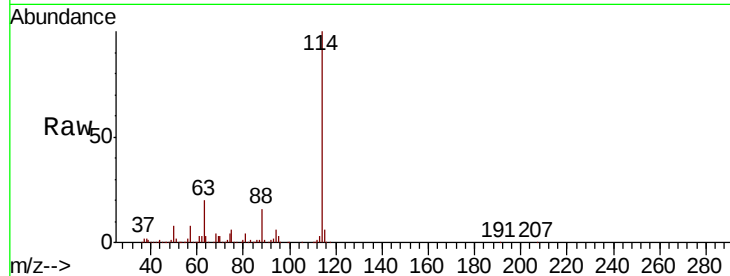
Tot Ion:114 Resp: 249747

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

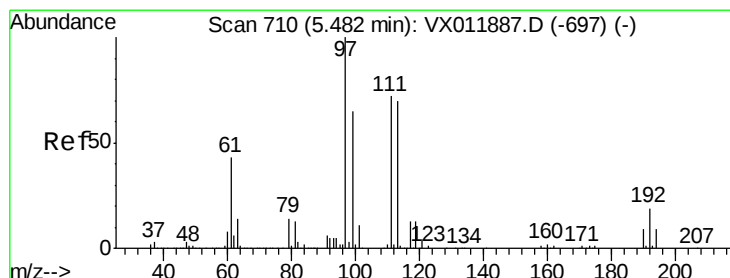
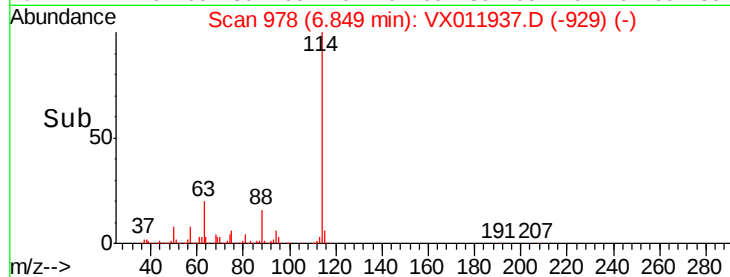
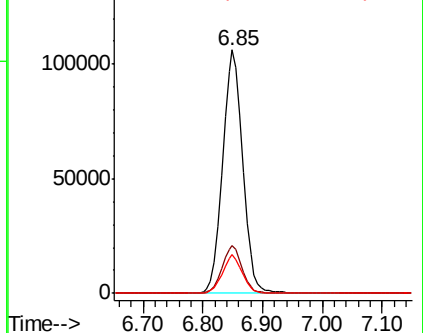
88 15.7 0.0 31.2



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: 44.599 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011937.D

Acq: 31 Aug 2019 06:04

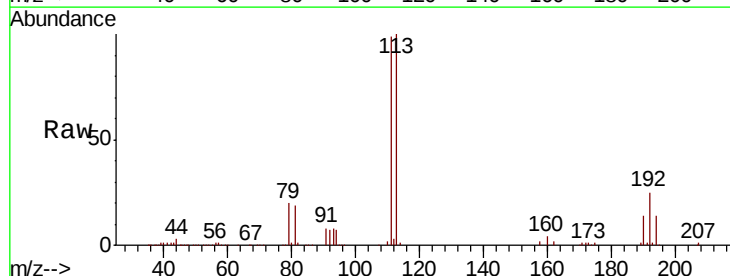
Tgt Ion:113 Resp: 71425

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

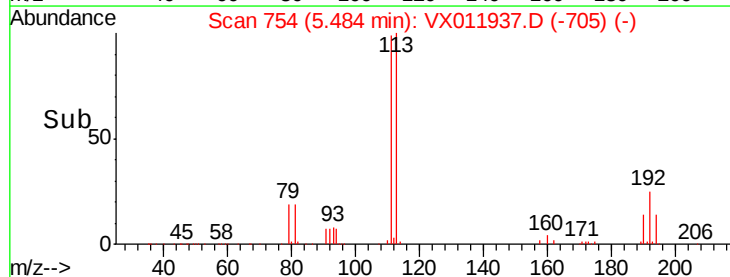
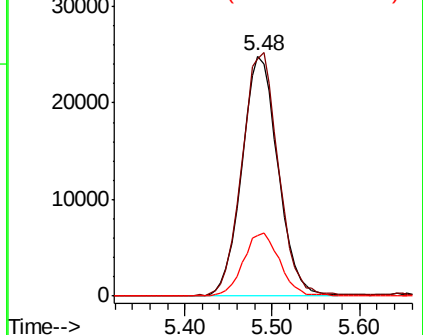
192 26.4 21.5 32.3

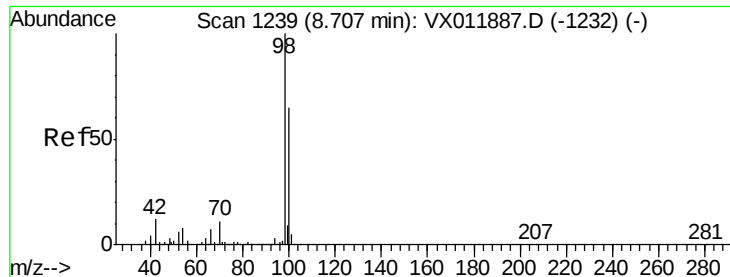


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.768 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011937.D

Acq: 31 Aug 2019 06:04

Instrument :

MSVOA_X

ClientSampleId :

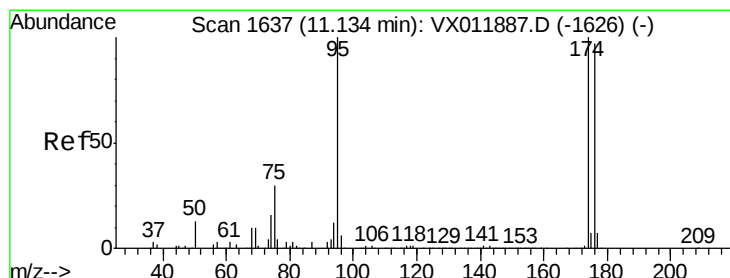
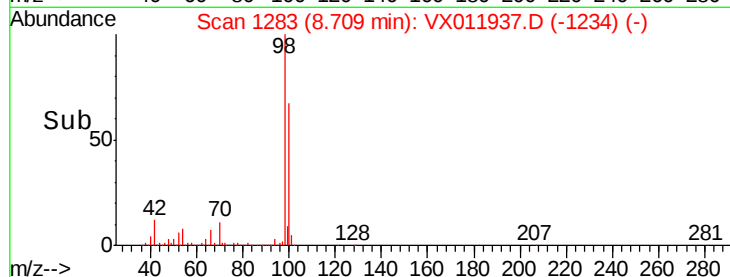
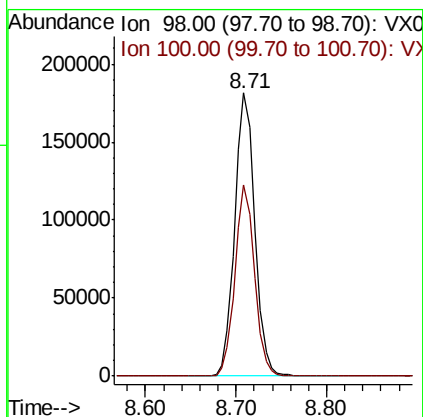
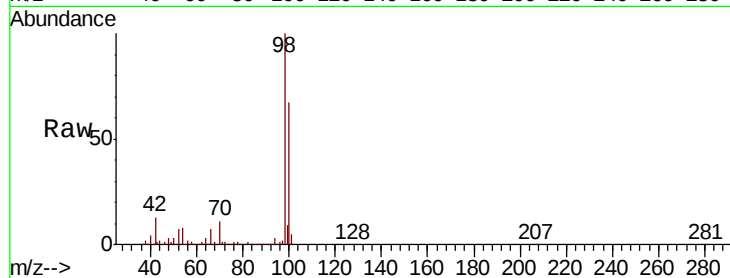
T9-12-13-K2-(0)

Tot Ion: 98 Resp: 279188

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 38.559 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011937.D

Acq: 31 Aug 2019 06:04

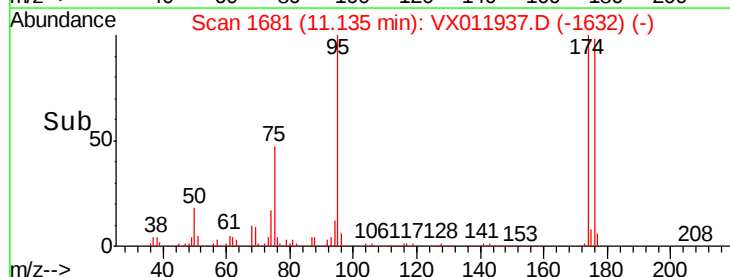
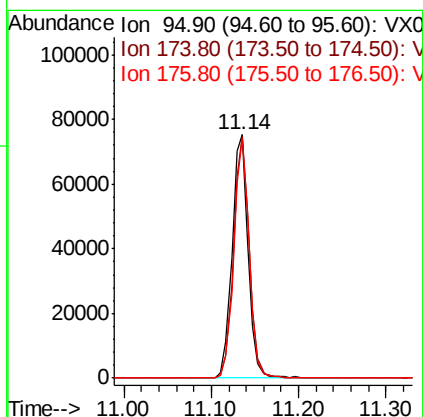
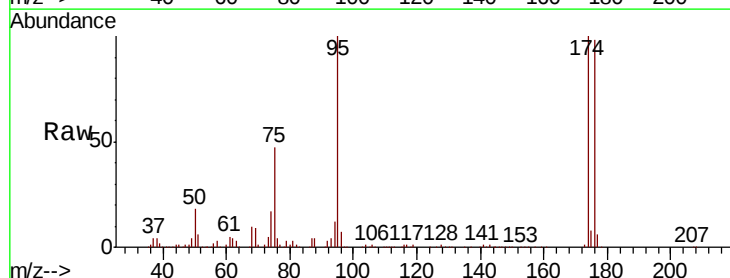
Tgt Ion: 95 Resp: 96831

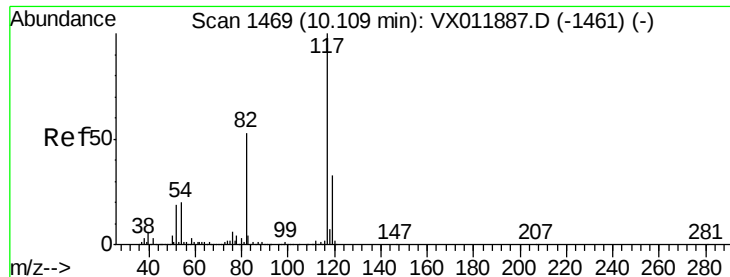
Ion Ratio Lower Upper

95 100

174 97.4 0.0 196.0

176 95.0 0.0 191.4

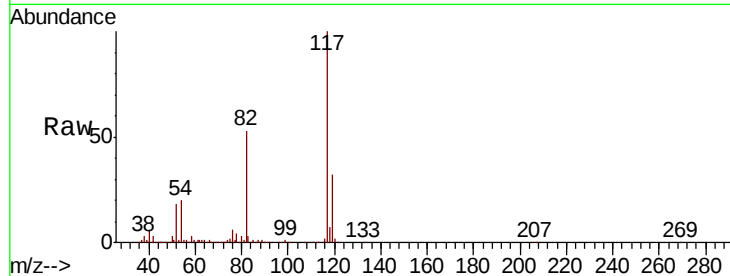




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011937.D
Acq: 31 Aug 2019 06:04

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K2-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	32.1	26.2	39.4

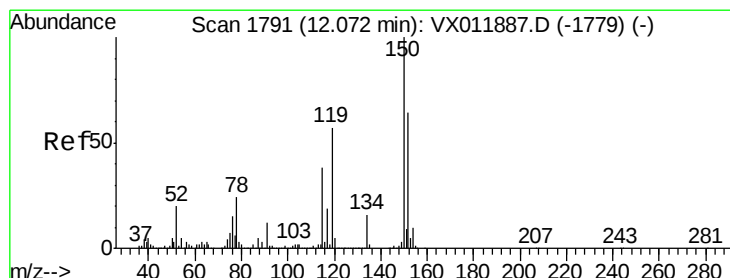
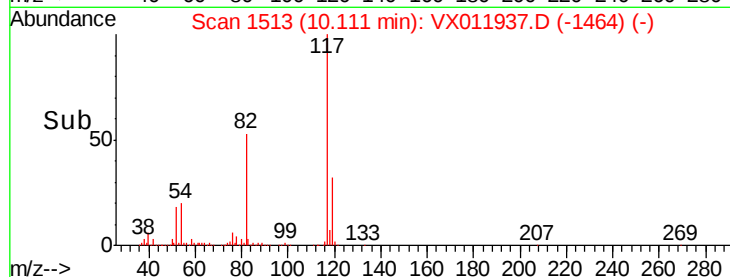
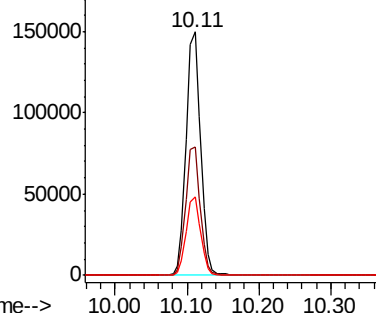


Abundance

Ion 116.90 (116.60 to 117.60): V

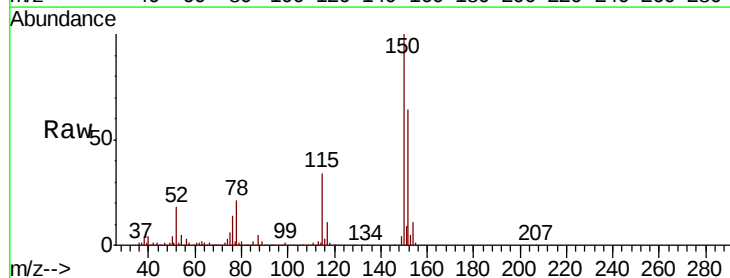
Ion 82.00 (81.70 to 82.70): VX0

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: VX011937.D
Acq: 31 Aug 2019 06:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.1	111.3
150	157.8	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

