

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011283.D
 Acq On : 02 Aug 2019 01:11
 Operator : JC/SP
 Sample : K4118-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ180I-20190731

Quant Time: Aug 02 03:48:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	137124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	219602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	209958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93601	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	72552	52.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.08%	
35) Dibromofluoromethane	5.49	113	69387	48.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	264413	48.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	87891	45.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.98%	

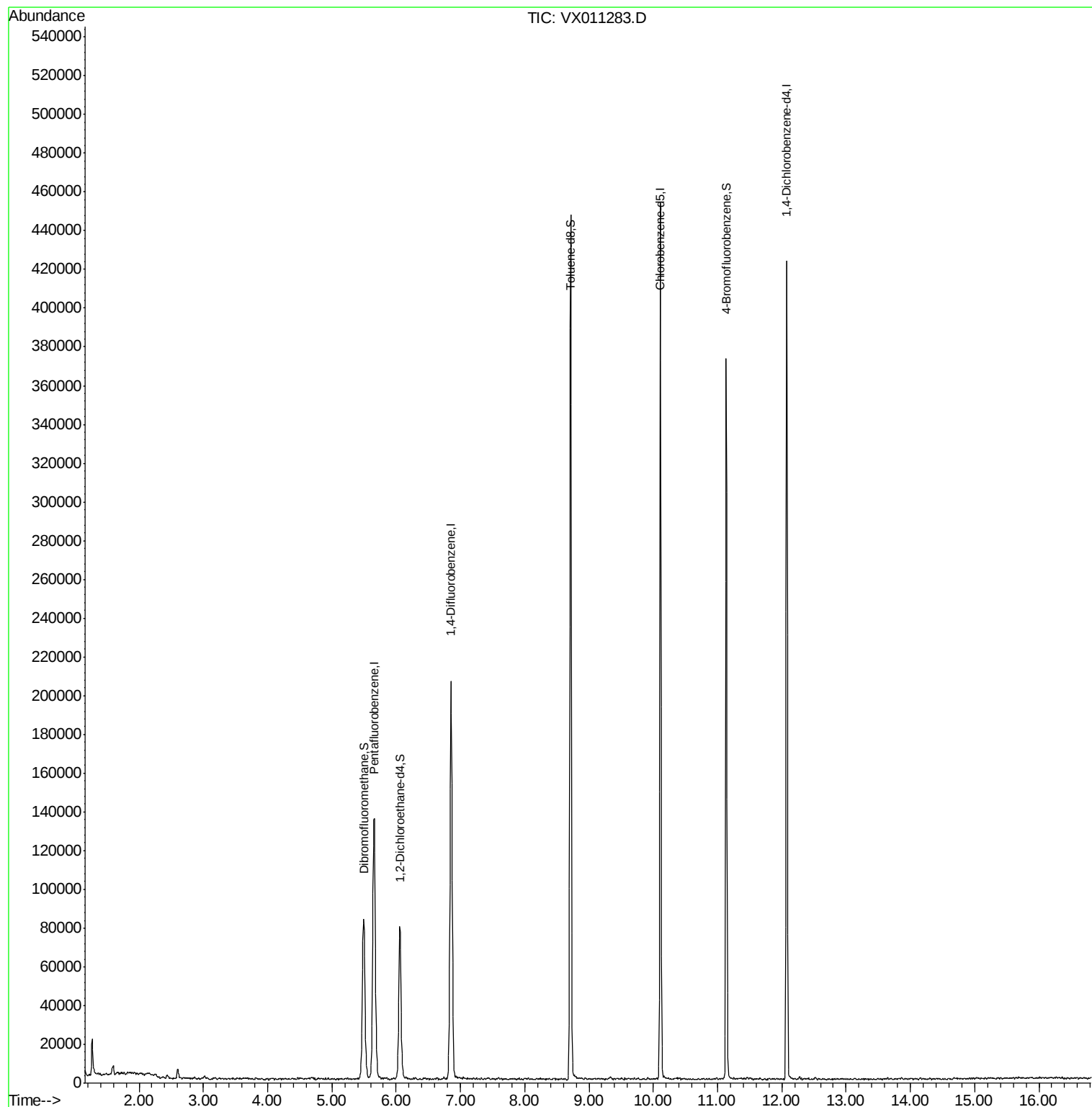
Target Compounds	Qvalue
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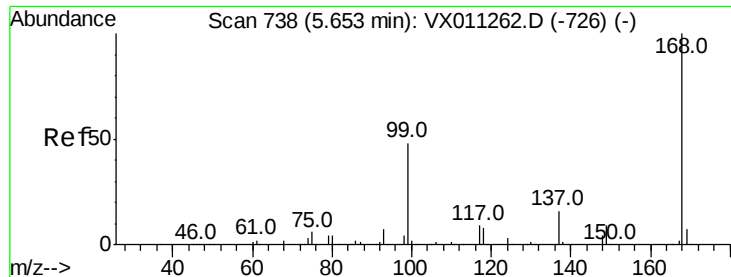
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011283.D

Acq: 02 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

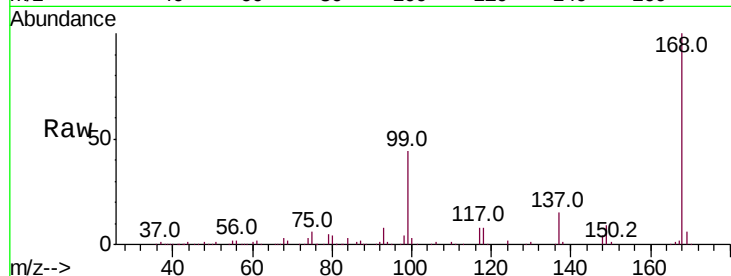
SA-PZ180I-20190731

Tot Ion:168 Resp: 137124

Ion Ratio Lower Upper

168 100

99 44.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

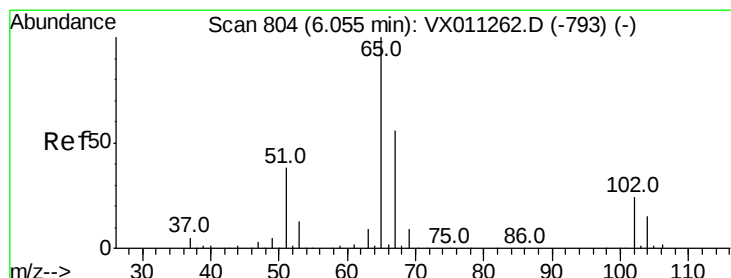
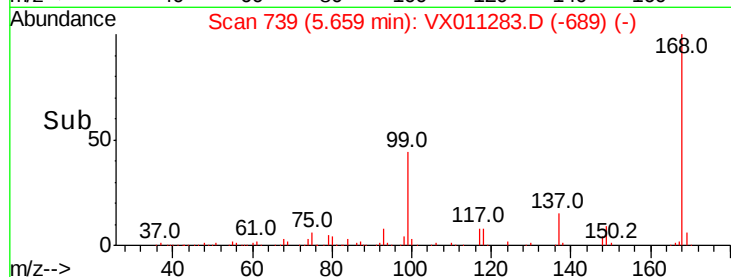
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.539 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011283.D

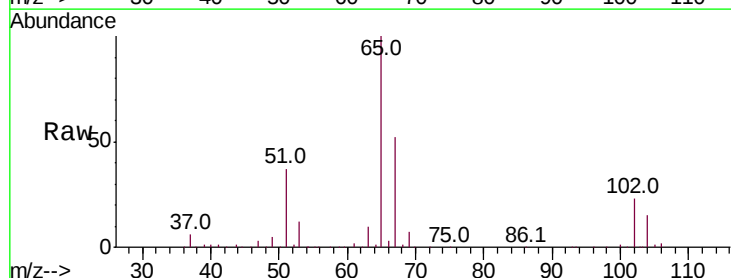
Acq: 02 Aug 2019 01:11

Tgt Ion: 65 Resp: 72552

Ion Ratio Lower Upper

65 100

67 53.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

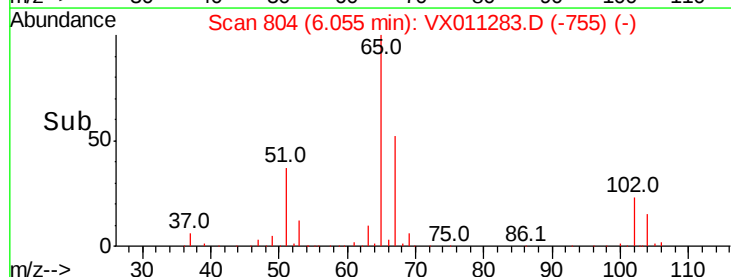
15000

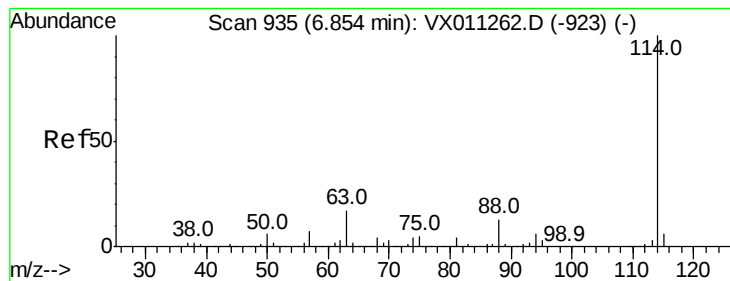
10000

5000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011283.D

Acq: 02 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ180I-20190731

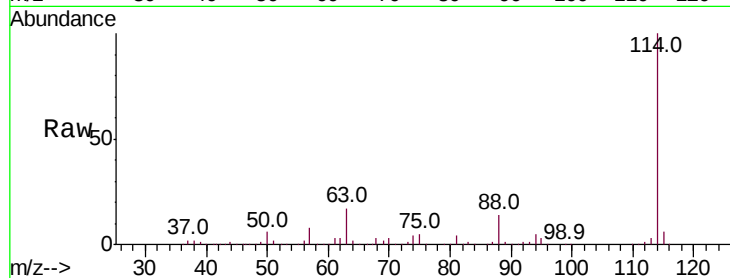
Tot Ion:114 Resp: 219602

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.0

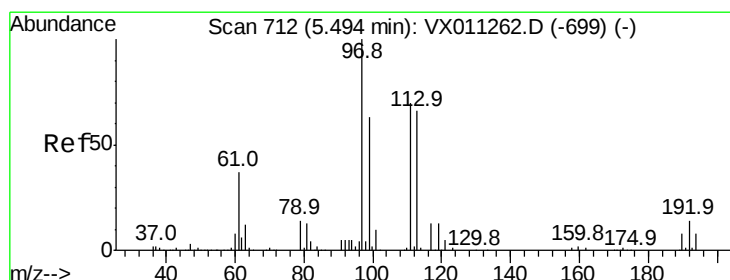
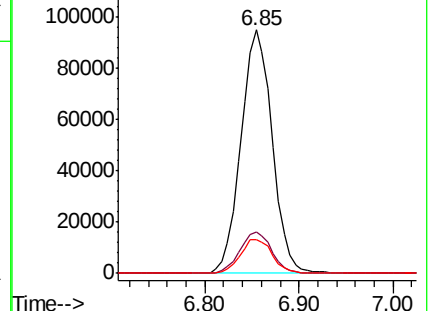
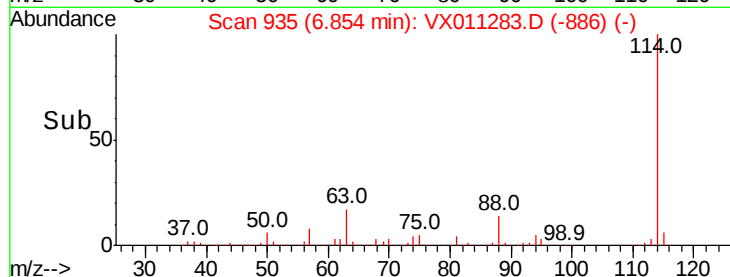
88 14.1 0.0 26.4



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: 48.396 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011283.D

Acq: 02 Aug 2019 01:11

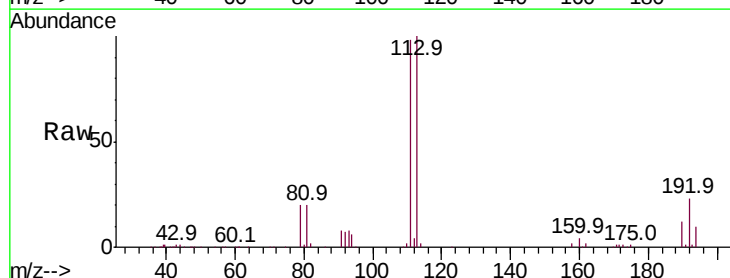
Tgt Ion:113 Resp: 69387

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

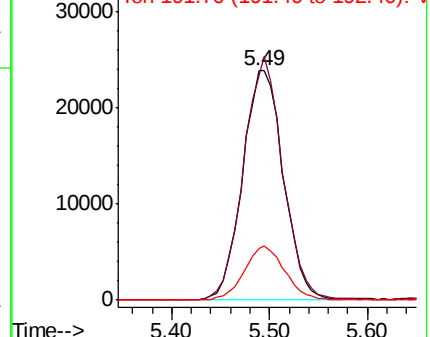
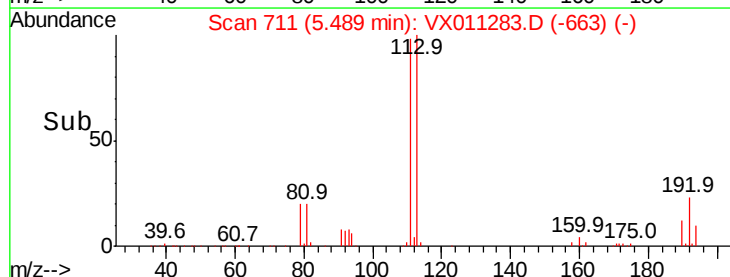
192 23.0 17.8 26.8

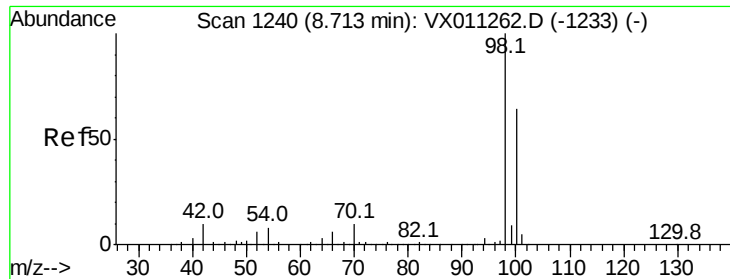


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.858 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011283.D

Acq: 02 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

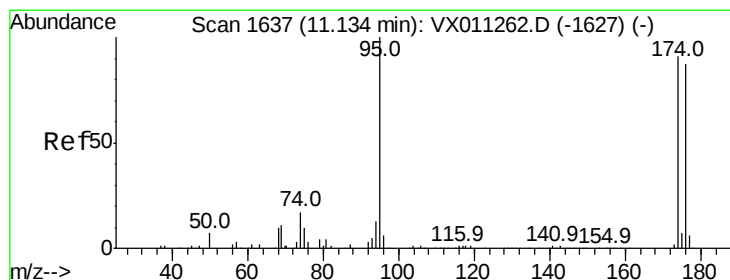
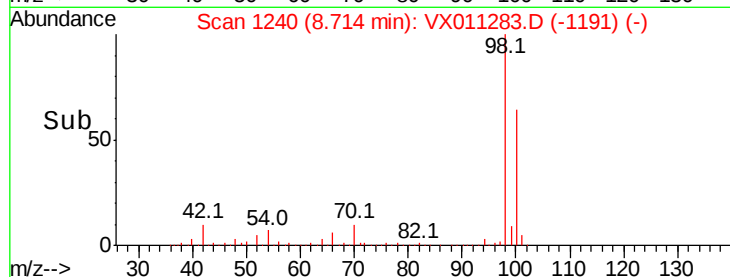
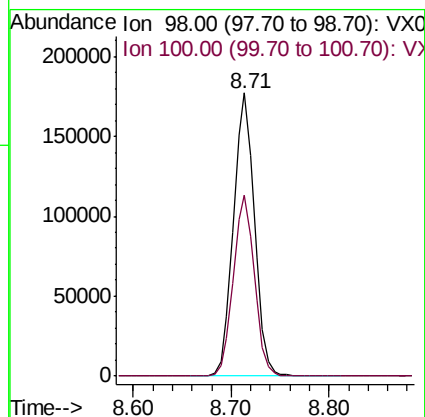
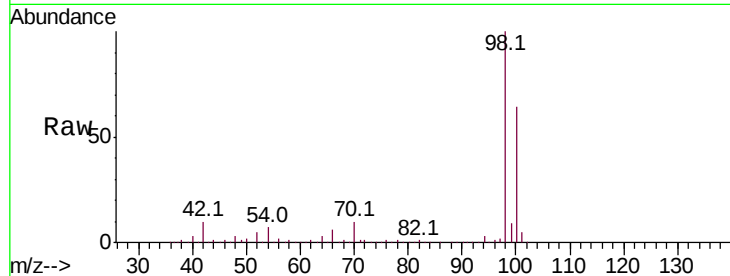
SA-PZ180I-20190731

Tot Ion: 98 Resp: 264413

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.487 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011283.D

Acq: 02 Aug 2019 01:11

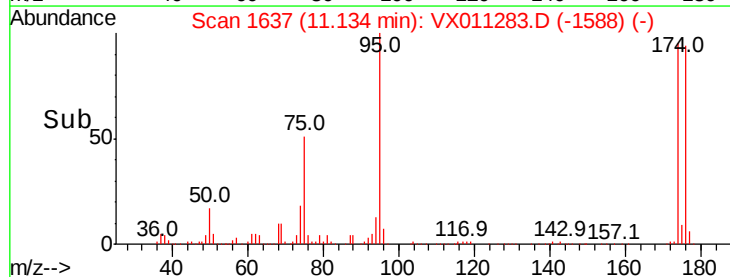
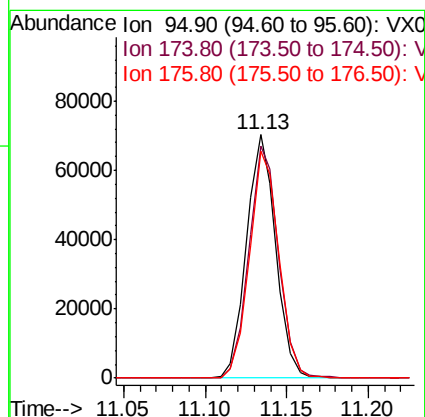
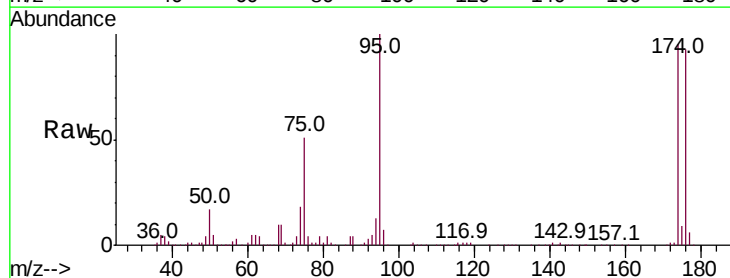
Tgt Ion: 95 Resp: 87891

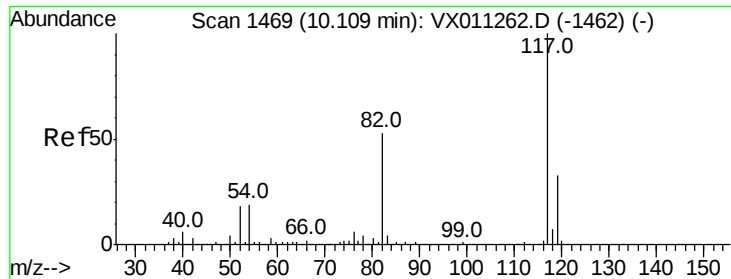
Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.2

176 94.2 0.0 184.8

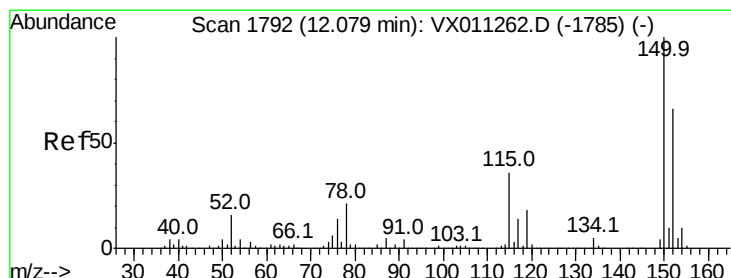
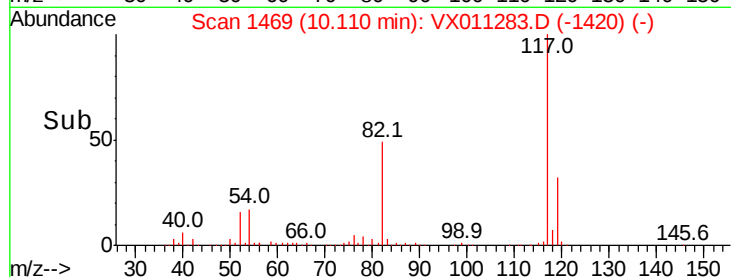
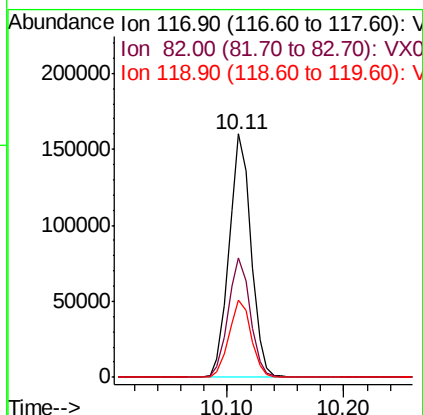
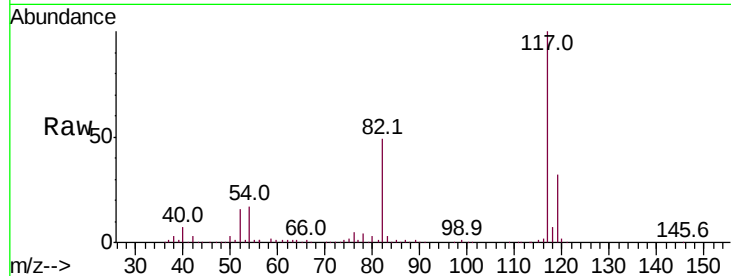




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011283.D
Acq: 02 Aug 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ180I-20190731

Tot Ion:117 Resp: 209958
Ion Ratio Lower Upper
117 100
82 49.1 42.2 63.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011283.D
Acq: 02 Aug 2019 01:11

Tgt Ion:152 Resp: 93601
Ion Ratio Lower Upper
152 100
115 54.3 40.0 119.9
150 158.5 0.0 350.4

