

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011794.D
 Acq On : 23 Aug 2019 13:43
 Operator : JC/SP
 Sample : K4388-01
 Misc : 6.98g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-B3-(0)

Quant Time: Aug 26 02:25:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	459433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	612347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	309442	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	199272	43.18	ug/l	0.00
Spiked Amount			Recovery	=	86.36%	
35) Dibromofluoromethane	5.49	113	169213	42.73	ug/l	0.00
Spiked Amount			Recovery	=	85.46%	
50) Toluene-d8	8.71	98	672411	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	251377	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	

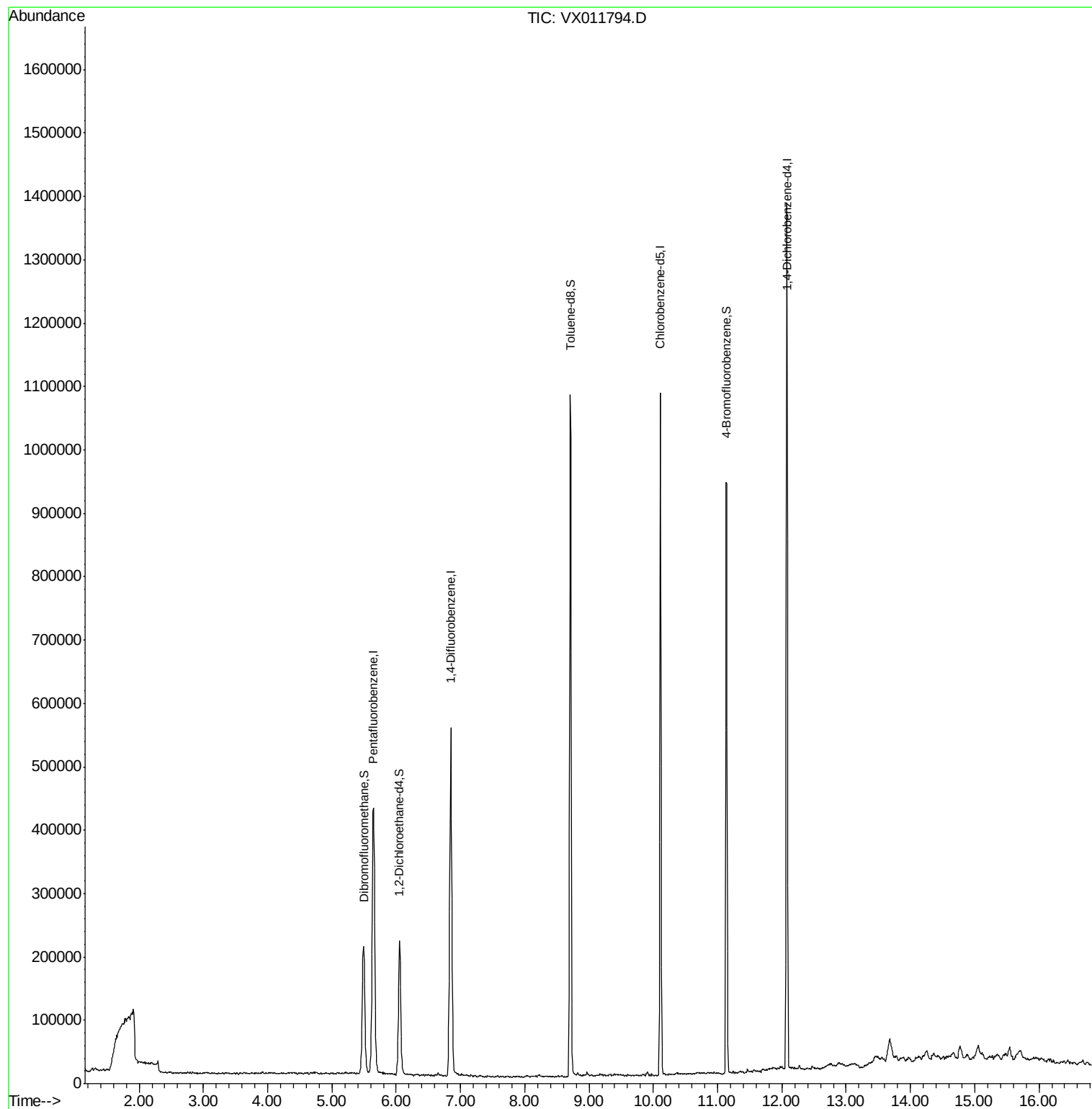
Target Compounds	Qvalue
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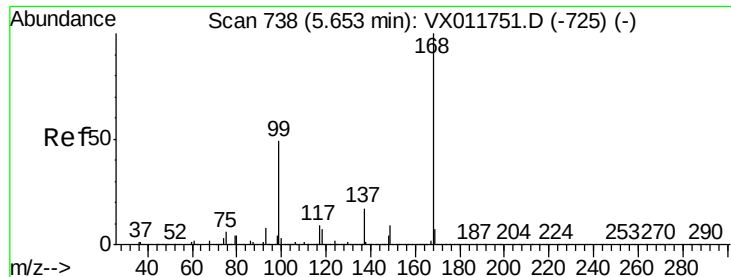
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

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Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

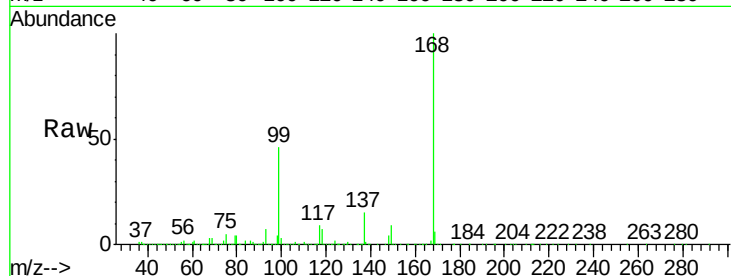
T4-B3-(0)

Tot Ion:168 Resp: 459433

Ion Ratio Lower Upper

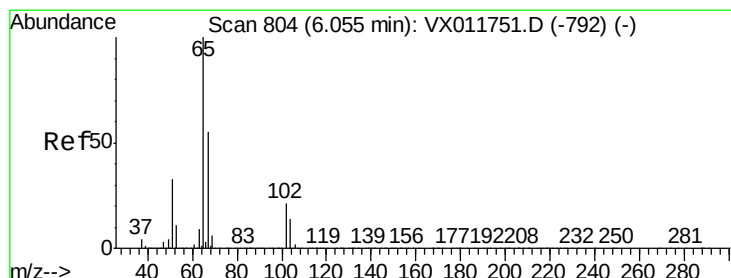
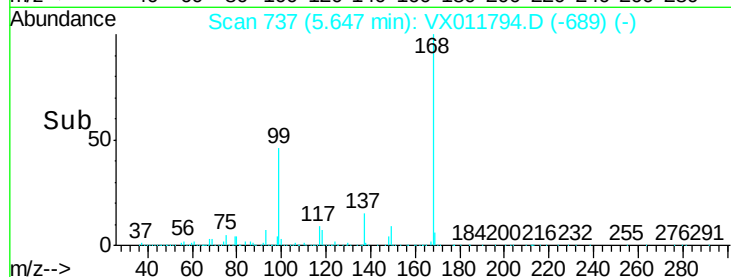
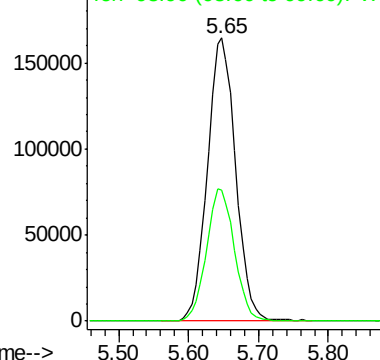
168 100

99 46.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 43.177 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011794.D

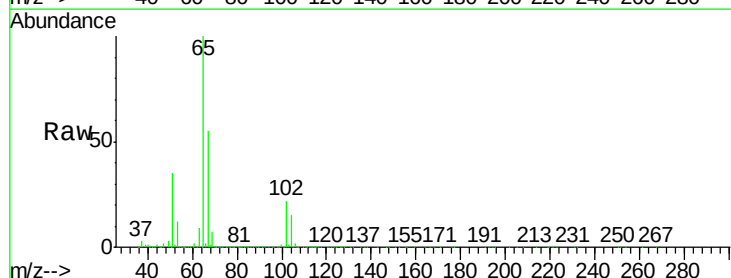
Acq: 23 Aug 2019 13:43

Tgt Ion: 65 Resp: 199272

Ion Ratio Lower Upper

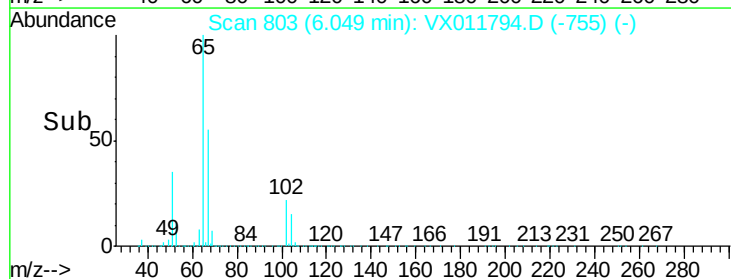
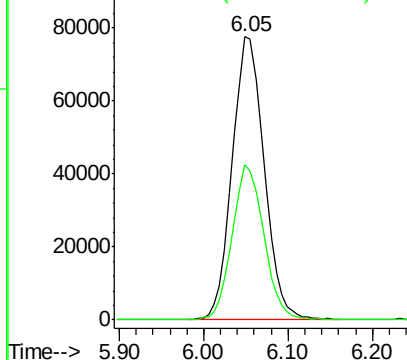
65 100

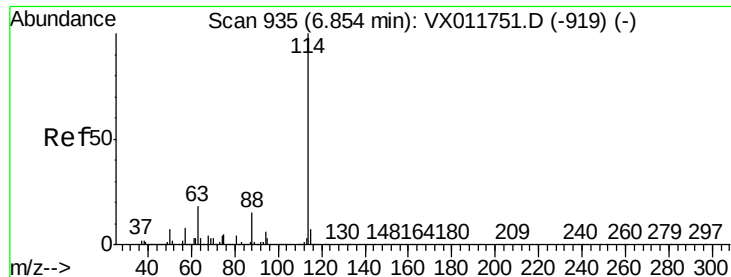
67 54.1 0.0 107.8



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# 934

Delta R.T. -0.01 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

Instrument :

MSVOA_X

ClientSampleId :

T4-B3-(0)

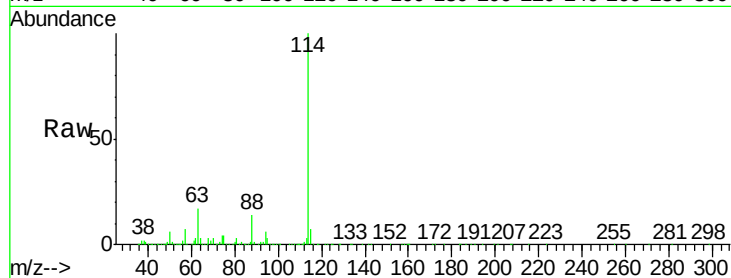
Tot Ion:114 Resp: 612347

Ion Ratio Lower Upper

114 100

63 16.6 0.0 36.8

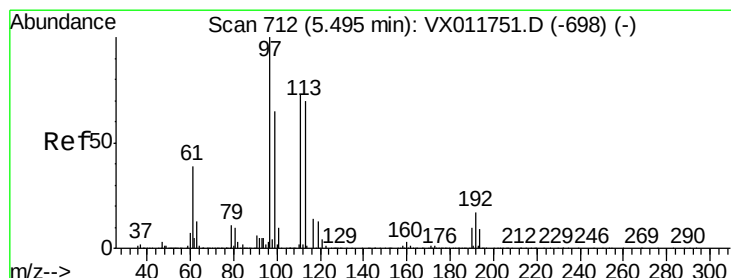
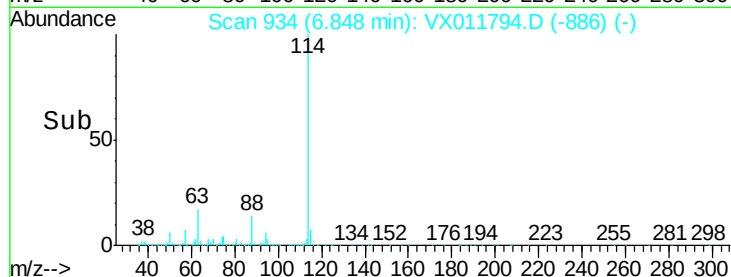
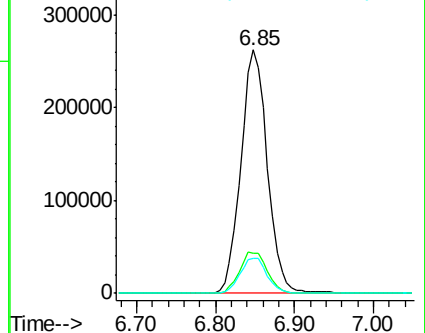
88 14.4 0.0 30.2



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: 42.734 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011794.D

Acq: 23 Aug 2019 13:43

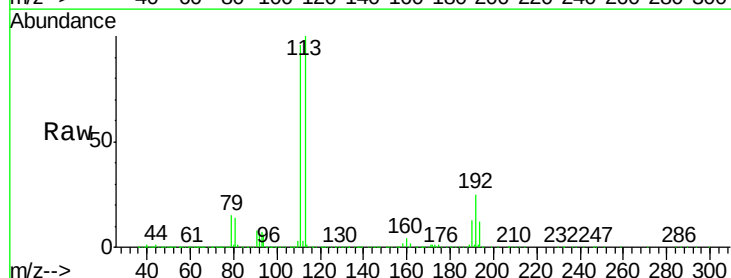
Tgt Ion:113 Resp: 169213

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

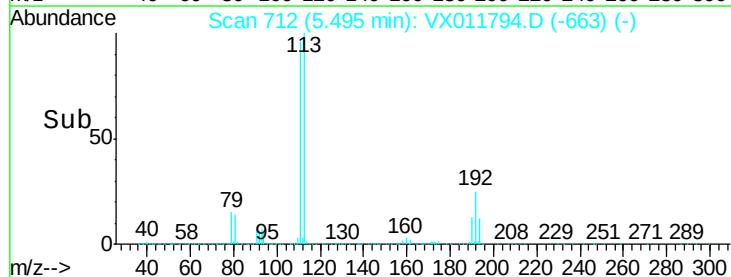
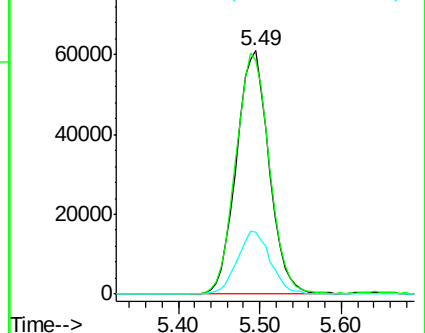
192 26.2 19.9 29.9

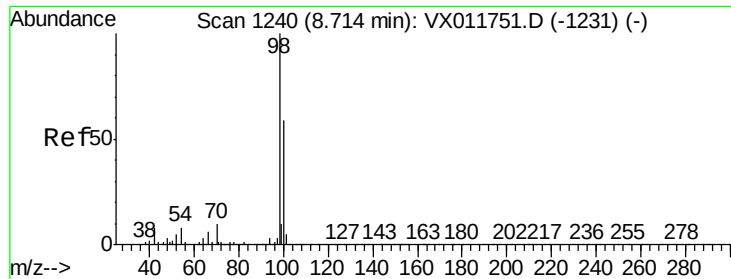


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

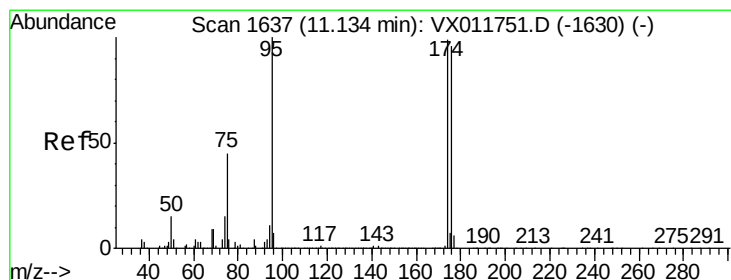
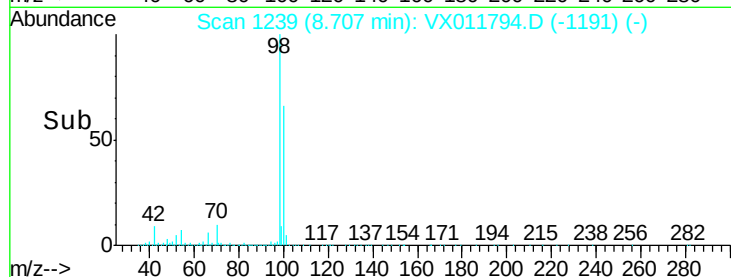
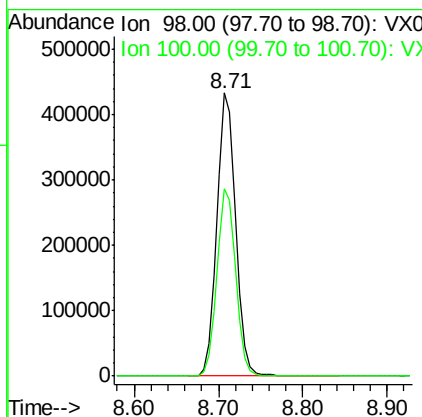
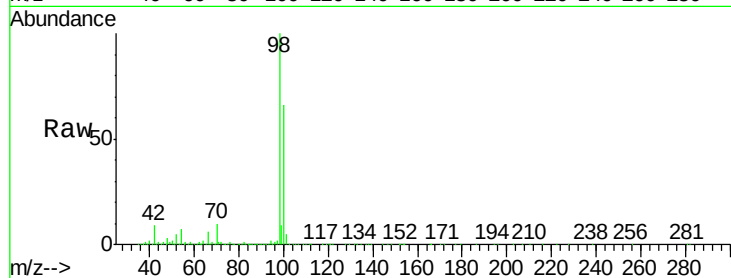




#50
Toluene-d8
Concen: 48.685 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

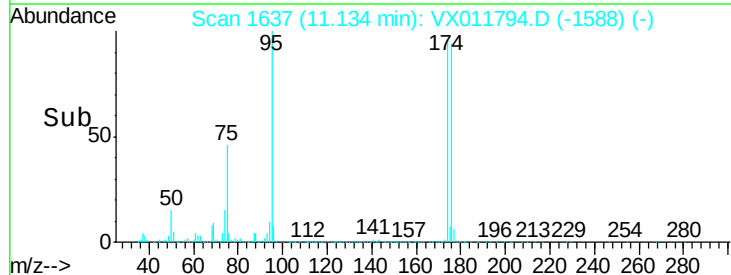
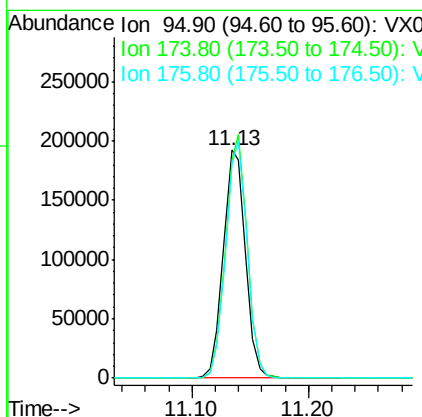
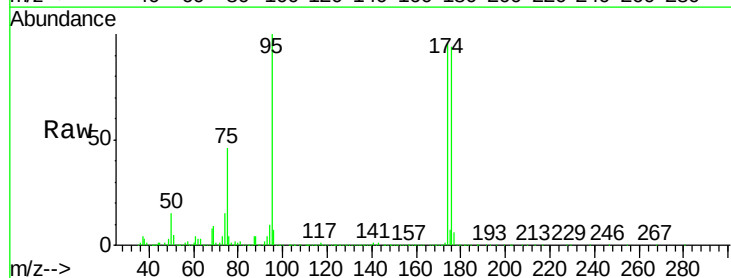
Instrument :
MSVOA_X
ClientSampleId :
T4-B3-(0)

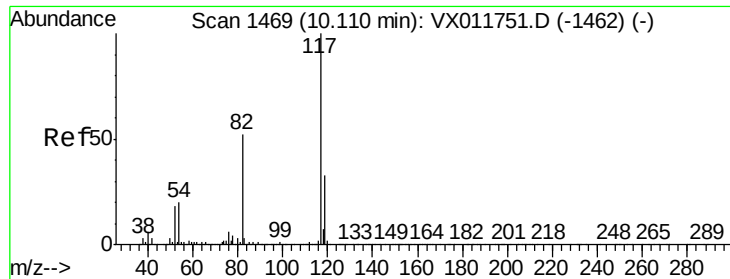
Tot Ion: 98 Resp: 672411
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.047 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

Tgt Ion: 95 Resp: 251377
Ion Ratio Lower Upper
95 100
174 104.8 0.0 197.4
176 102.1 0.0 194.4

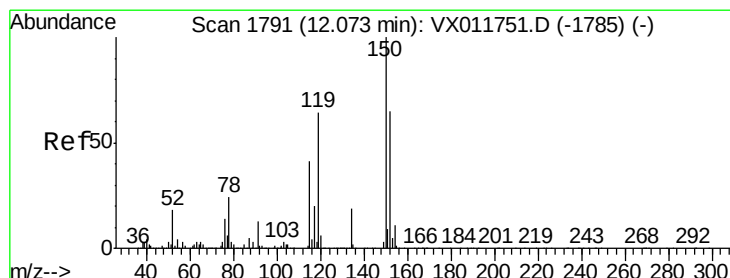
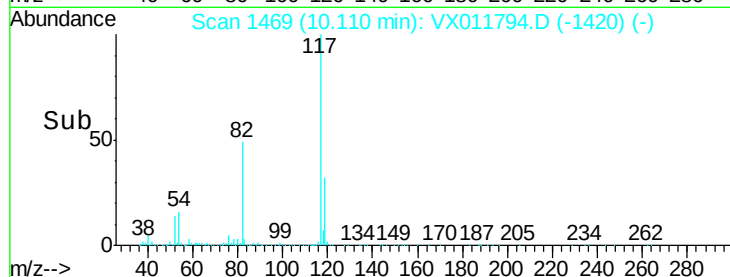
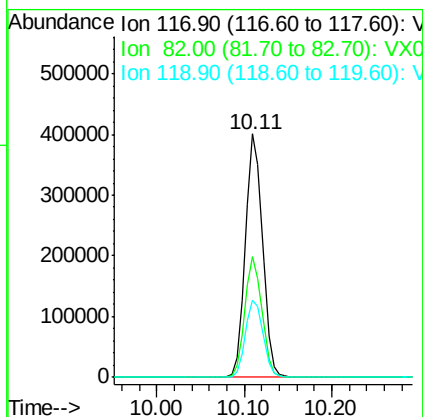
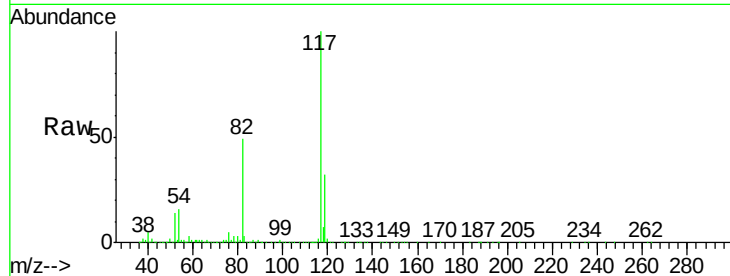




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

Instrument :
MSVOA_X
ClientSampled :
T4-B3-(0)

Tot Ion:117 Resp: 545719
Ion Ratio Lower Upper
117 100
82 49.4 41.7 62.5
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011794.D
Acq: 23 Aug 2019 13:43

Tgt Ion:152 Resp: 309442
Ion Ratio Lower Upper
152 100
115 52.7 37.3 111.8
150 157.4 0.0 343.0

