

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009991.D
 Acq On : 31 May 2019 17:34
 Operator : JC/SP
 Sample : K3131-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW032-190530

Quant Time: Jun 01 05:27:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123234	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	5.50	113	91063	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	374411	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	129684	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	

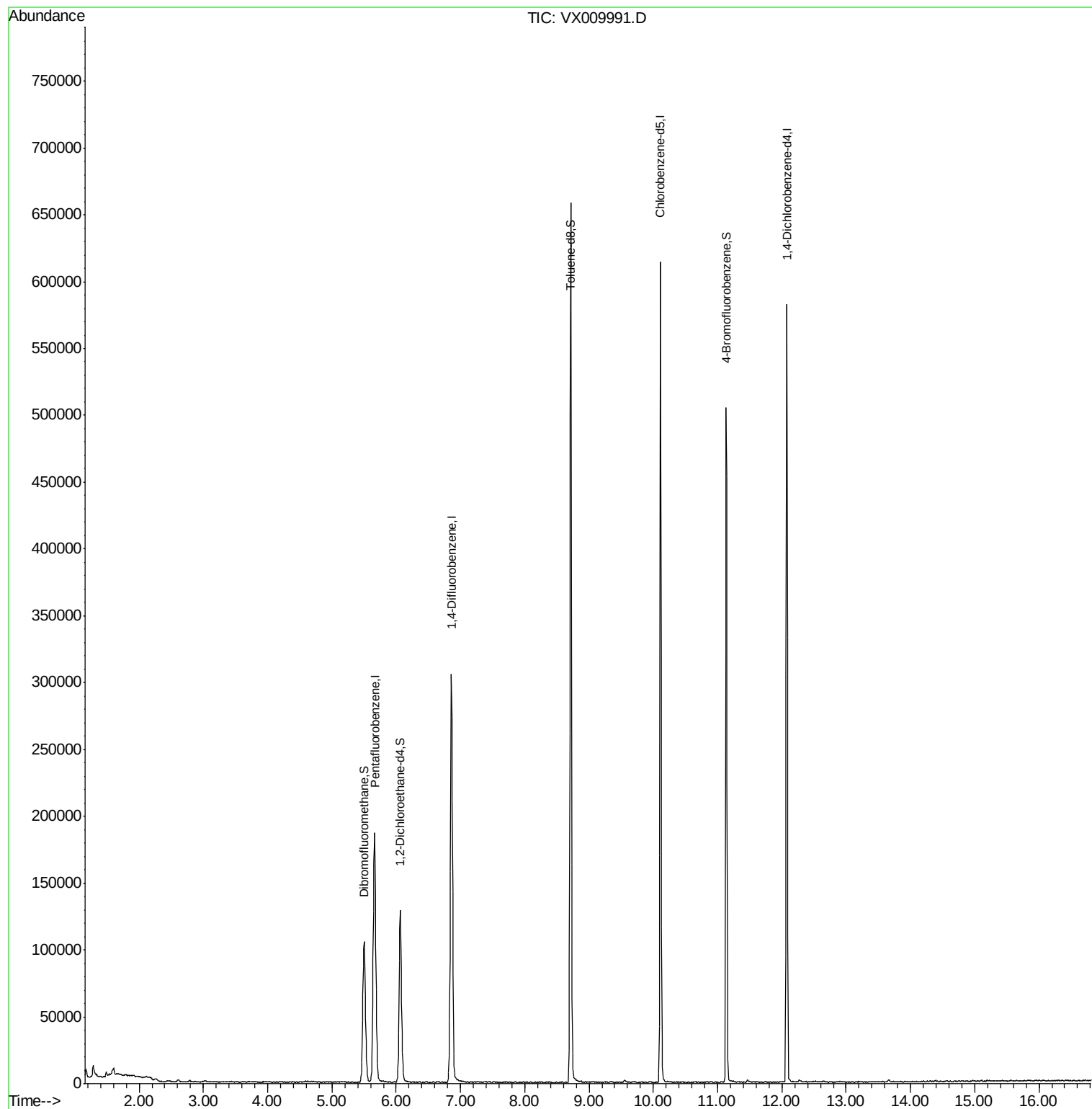
Target Compounds	Qvalue
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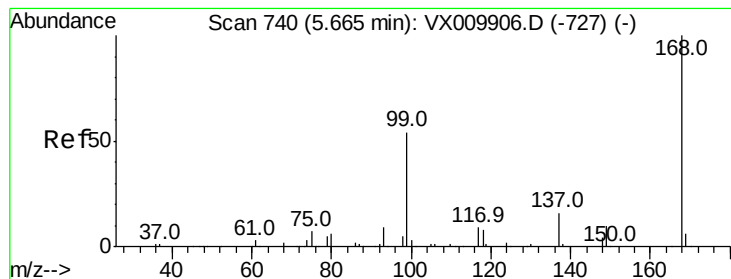
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009991.D

Acq: 31 May 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

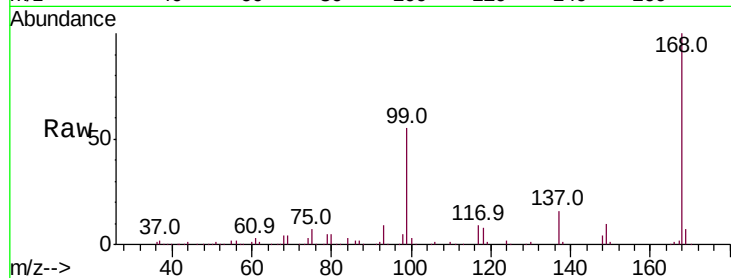
LF014RW032-190530

Tot Ion:168 Resp: 183594

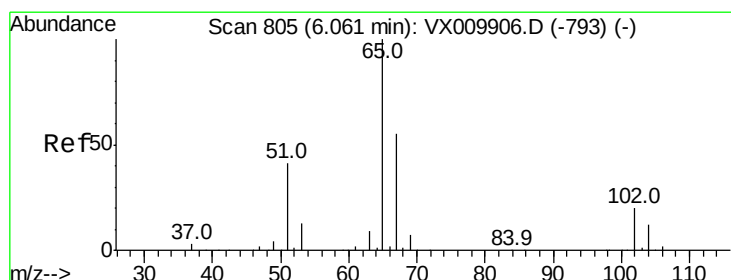
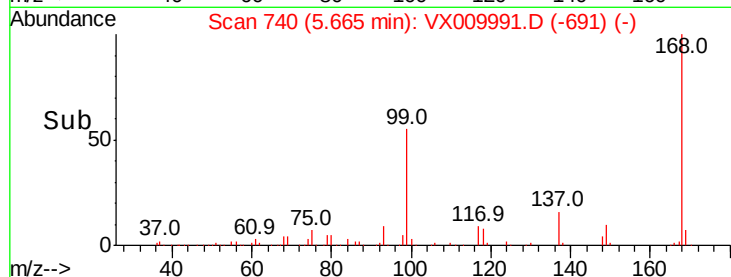
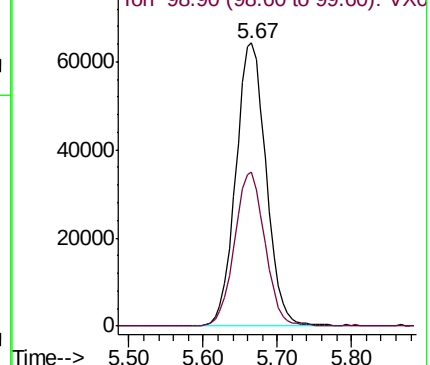
Ion Ratio Lower Upper

168 100

99 54.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX009991.D (-691) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.518 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009991.D

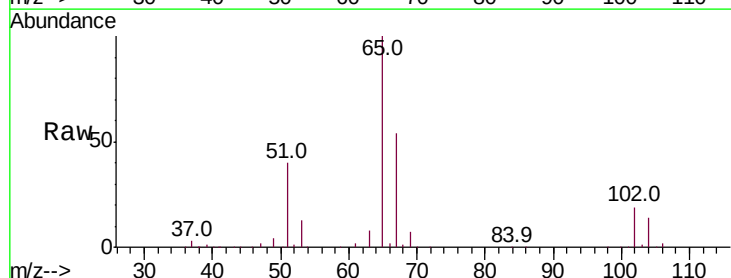
Acq: 31 May 2019 17:34

Tgt Ion: 65 Resp: 123234

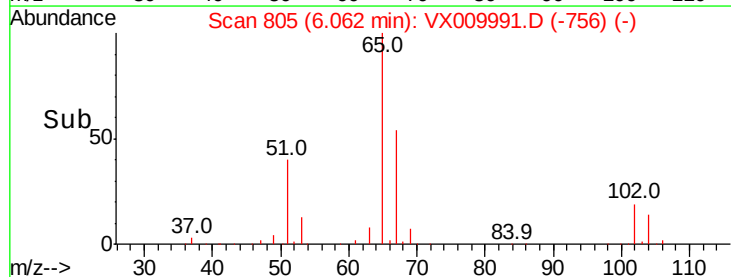
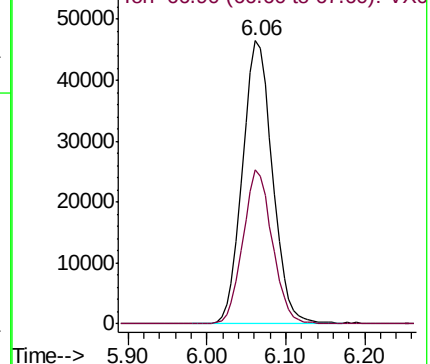
Ion Ratio Lower Upper

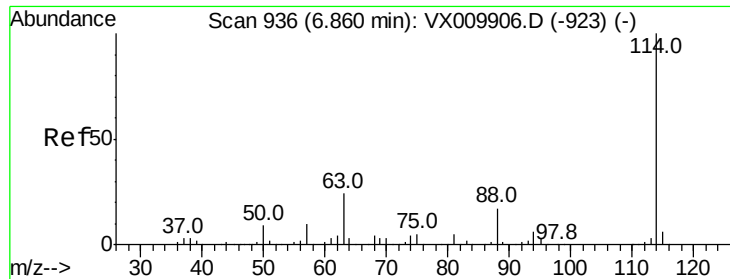
65 100

67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX009991.D (-756) (-)

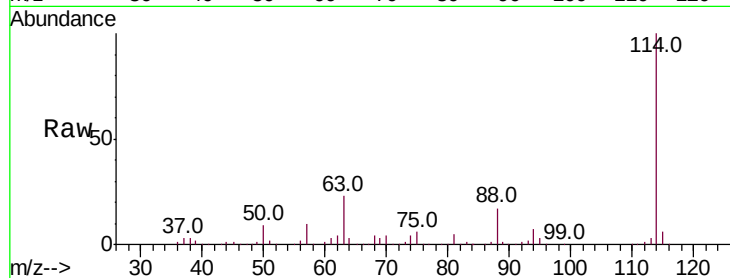




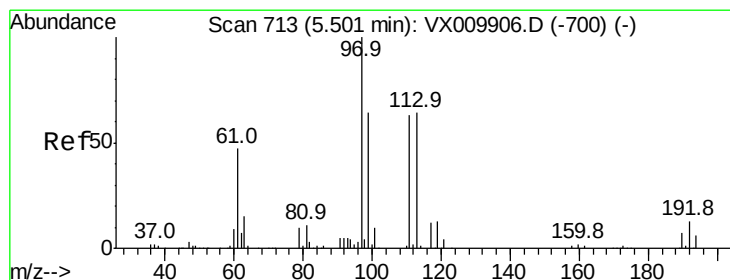
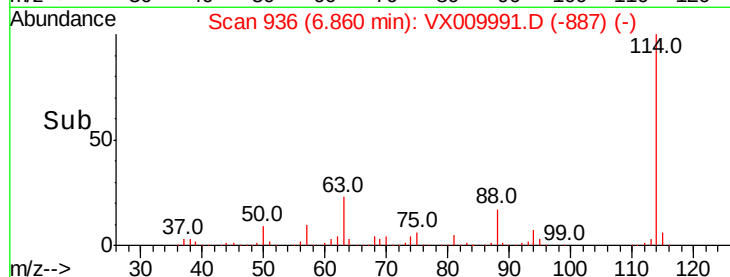
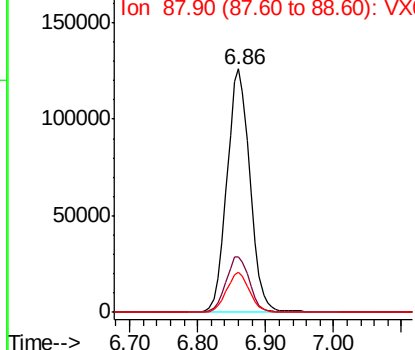
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009991.D
 Acq: 31 May 2019 17:34

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW032-190530

Tot Ion:114 Resp: 295751
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.4
 88 16.7 0.0 33.0

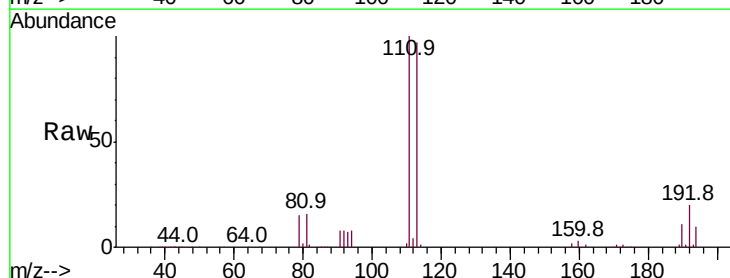


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

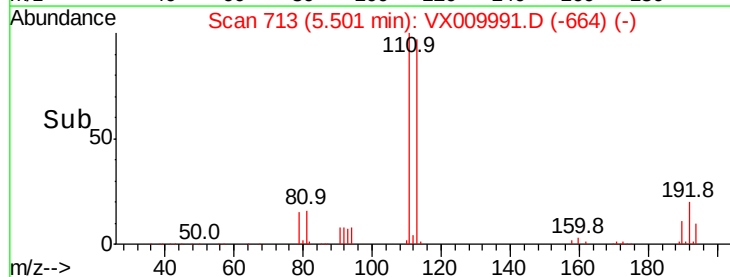
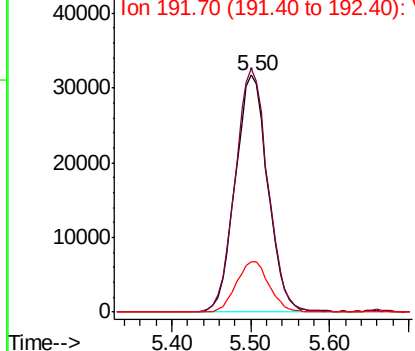


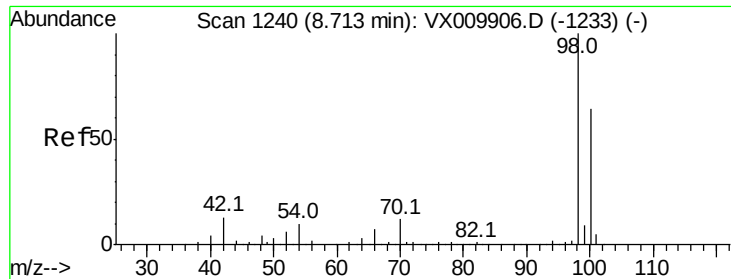
#35
 Dibromofluoromethane
 Concen: 48.975 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009991.D
 Acq: 31 May 2019 17:34

Tgt Ion:113 Resp: 91063
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 21.5 17.1 25.7



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: 49.587 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009991.D

Acq: 31 May 2019 17:34

Instrument :

MSVOA_X

ClientSampleId :

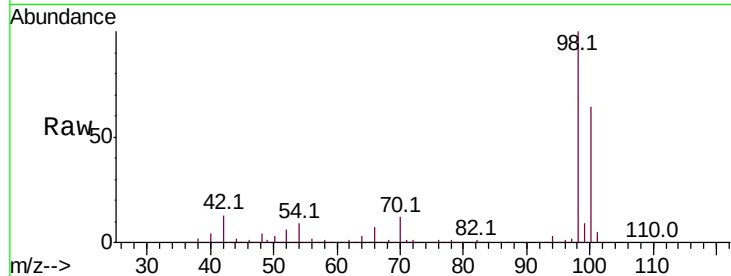
LF014RW032-190530

Tot Ion: 98 Resp: 374411

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

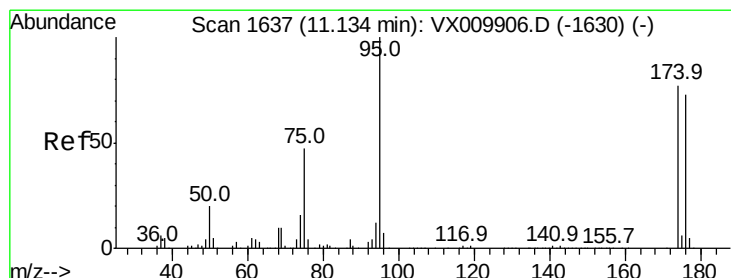
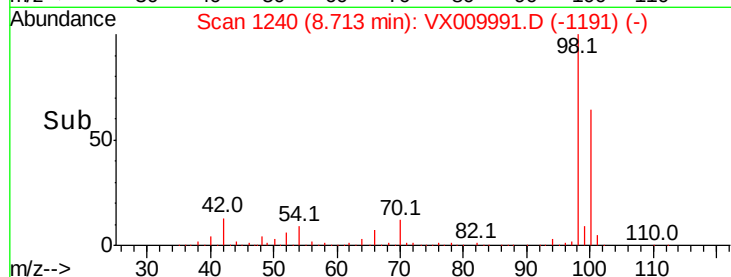
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.818 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009991.D

Acq: 31 May 2019 17:34

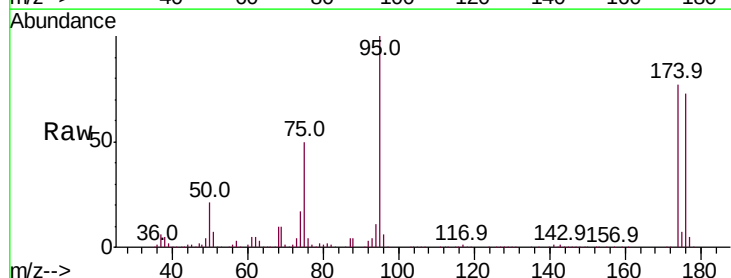
Tgt Ion: 95 Resp: 129684

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.4

176 78.8 0.0 154.6



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

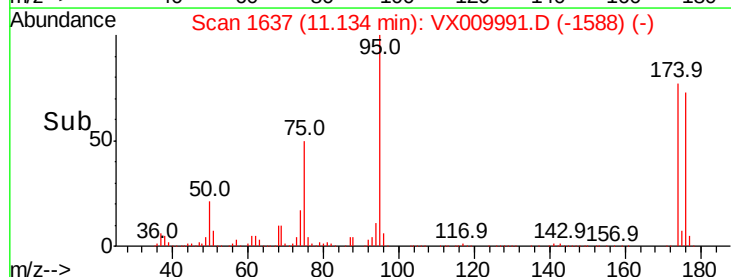
11.13

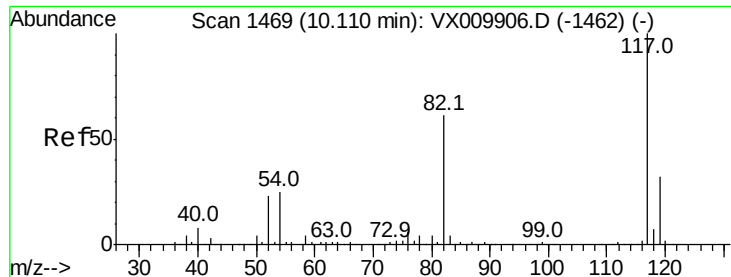
100000

50000

0

Time-->

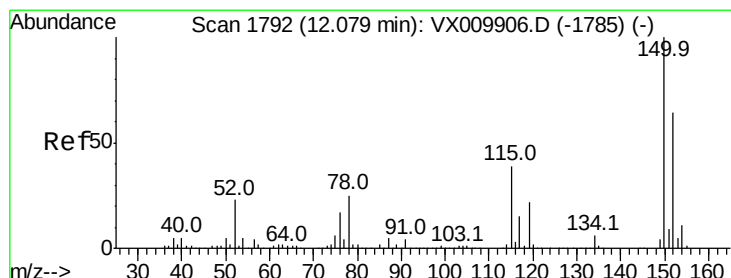
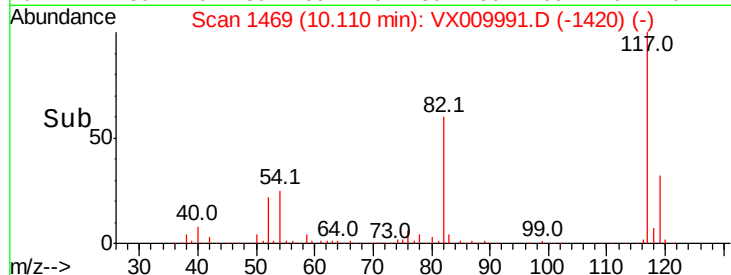
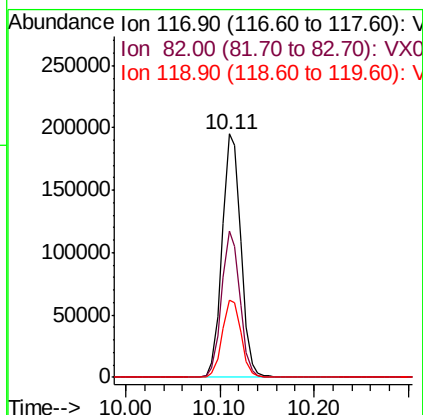
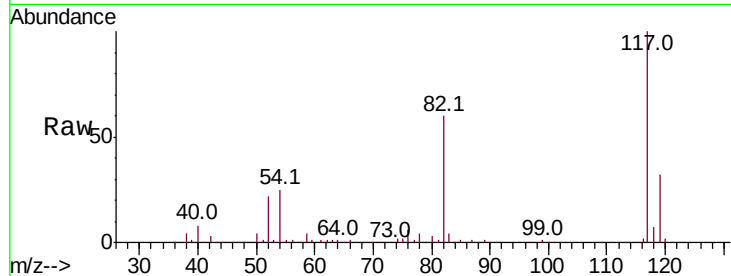




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009991.D
Acq: 31 May 2019 17:34

Instrument :
MSVOA_X
ClientSampleId :
LF014RW032-190530

Tot Ion:117 Resp: 268941
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009991.D
Acq: 31 May 2019 17:34

Tgt Ion:152 Resp: 119113
Ion Ratio Lower Upper
152 100
115 57.8 41.4 124.2
150 156.1 0.0 345.2

