

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009989.D
 Acq On : 31 May 2019 16:47
 Operator : JC/SP
 Sample : K3131-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW130-190530

Quant Time: Jun 01 05:24:46 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	182912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293157	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118826	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	122067	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
35) Dibromofluoromethane	5.50	113	90479	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	8.71	98	372711	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	129310	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

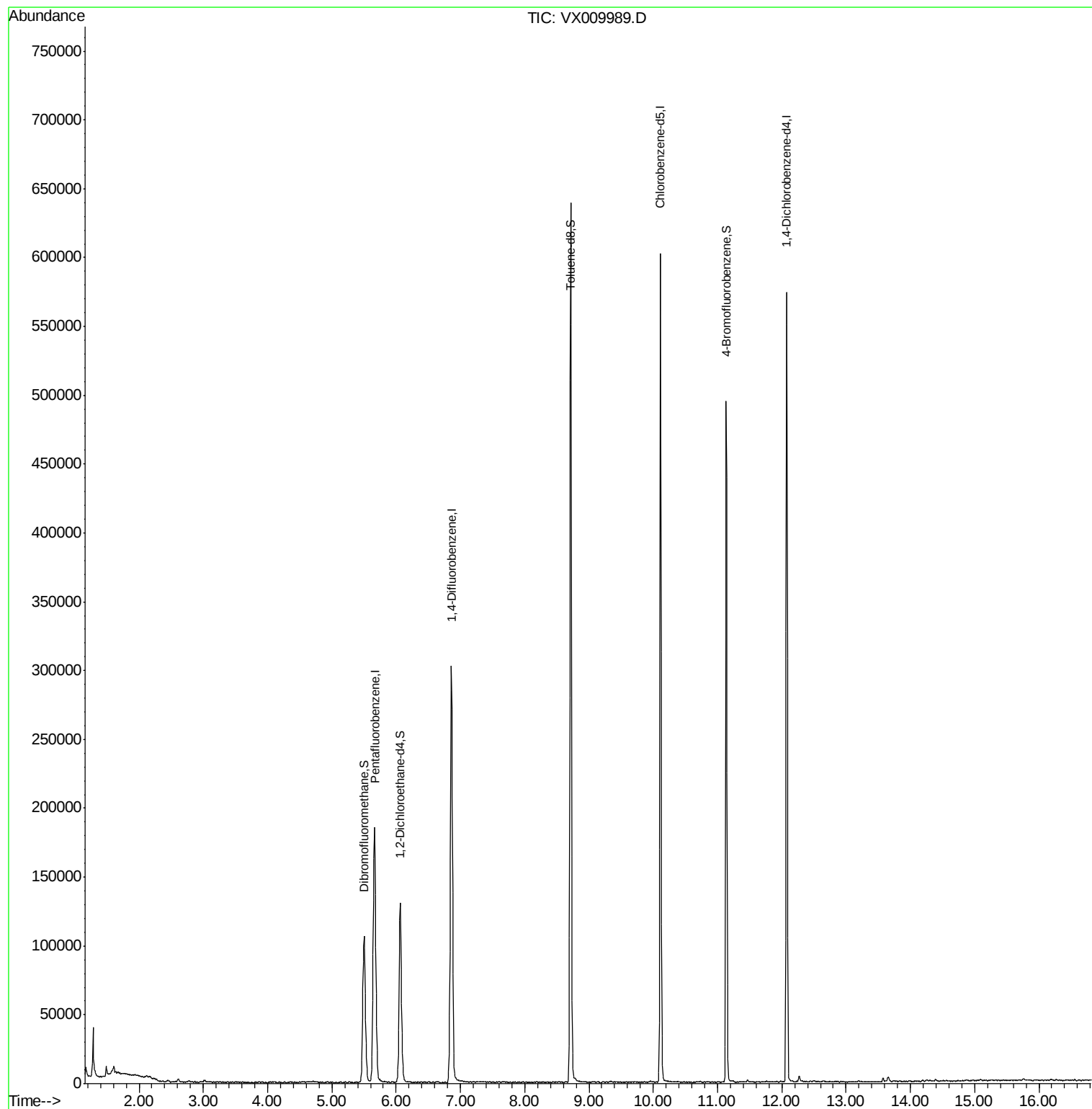
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009989.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

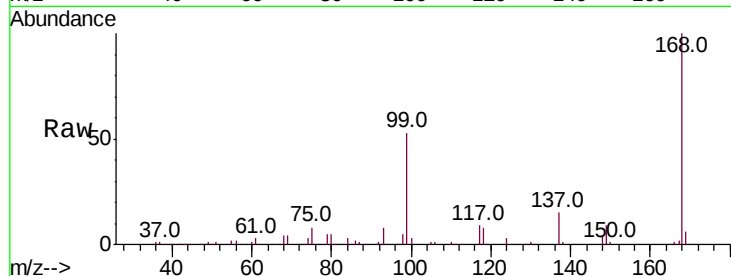
LF014MW130-190530

Tot Ion:168 Resp: 182912

Ion Ratio Lower Upper

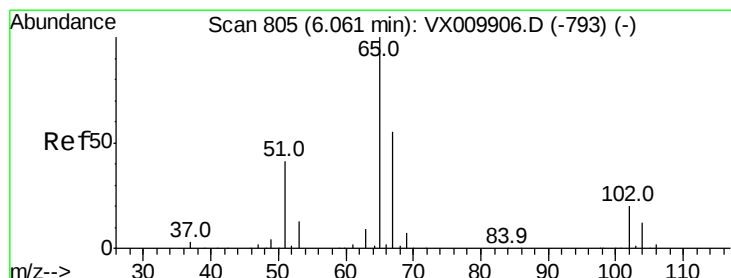
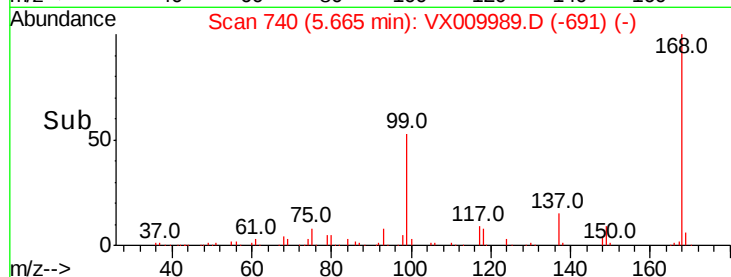
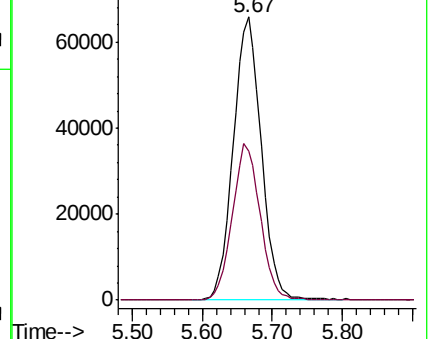
168 100

99 52.6 43.0 64.6



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: 47.243 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009989.D

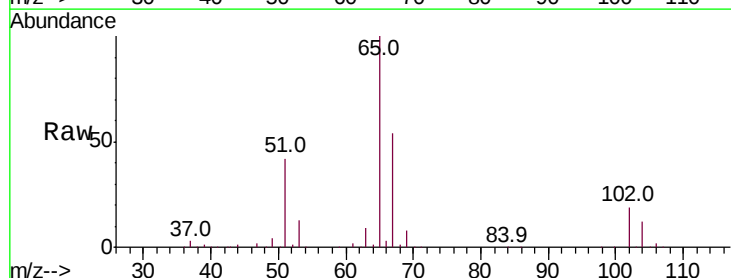
Acq: 31 May 2019 16:47

Tgt Ion: 65 Resp: 122067

Ion Ratio Lower Upper

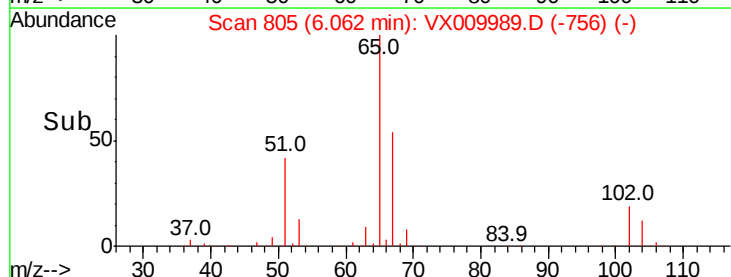
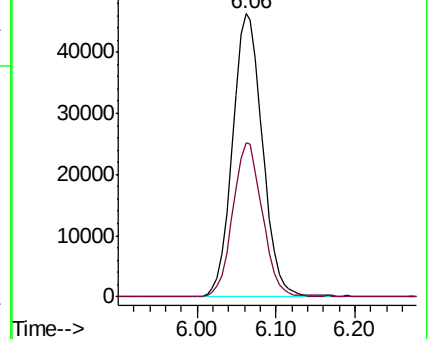
65 100

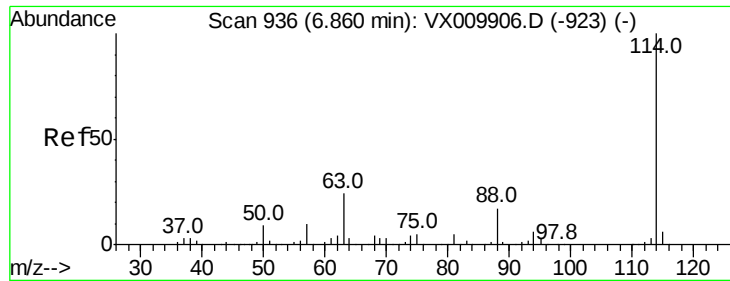
67 53.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

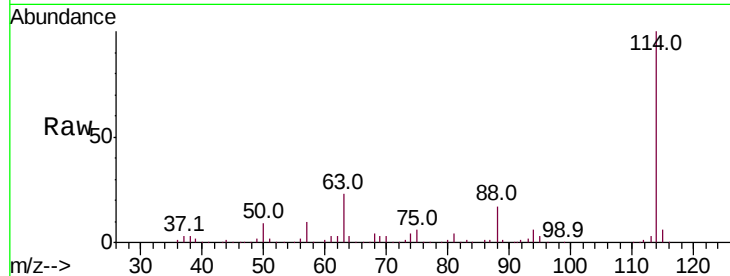




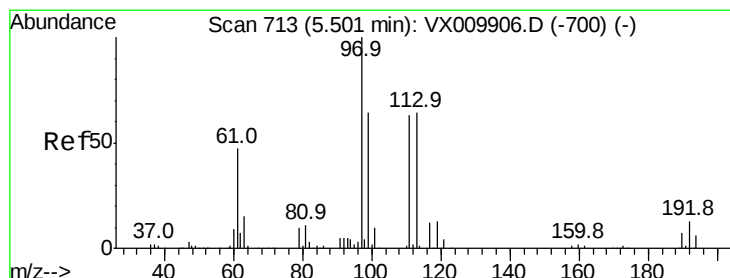
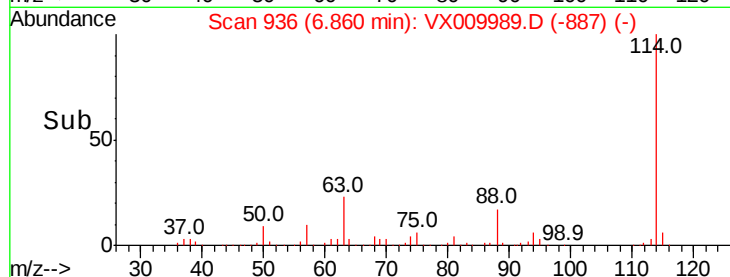
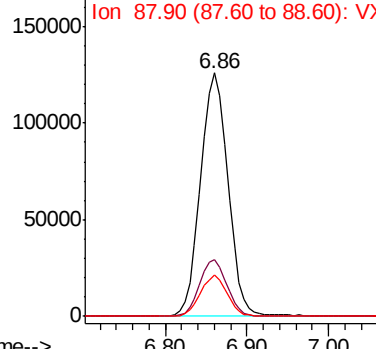
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009989.D
 Acq: 31 May 2019 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW130-190530

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.4
88	16.9	0.0	33.0

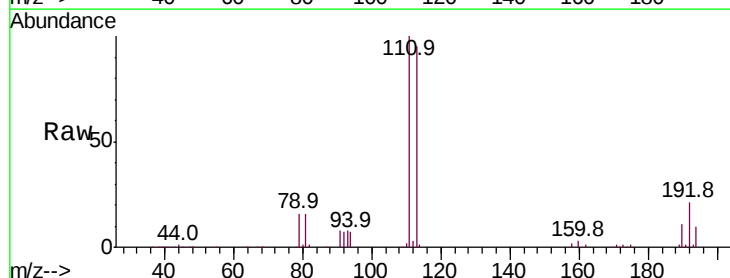


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

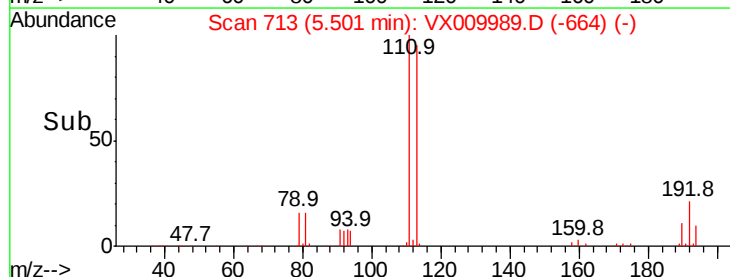
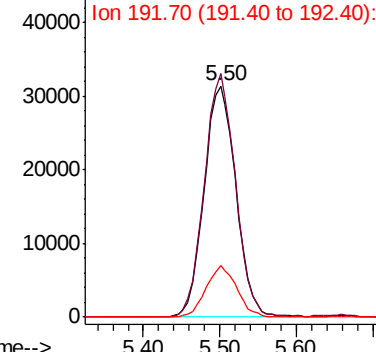


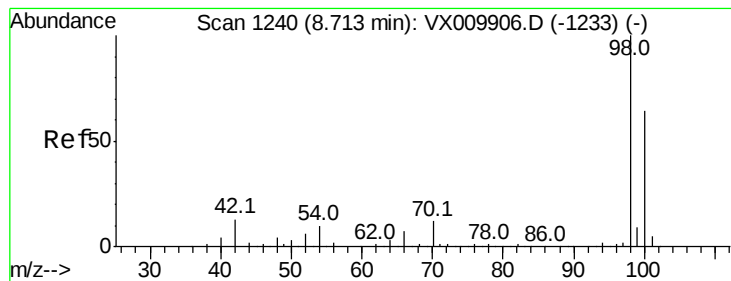
#35
 Dibromofluoromethane
 Concen: 49.091 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009989.D
 Acq: 31 May 2019 16:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	21.6	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: 49.799 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009989.D

Acq: 31 May 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

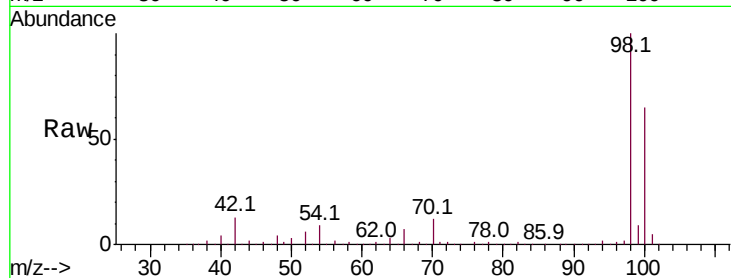
LF014MW130-190530

Tot Ion: 98 Resp: 372711

Ion Ratio Lower Upper

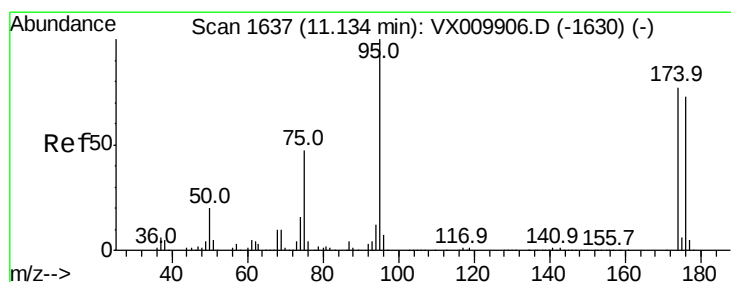
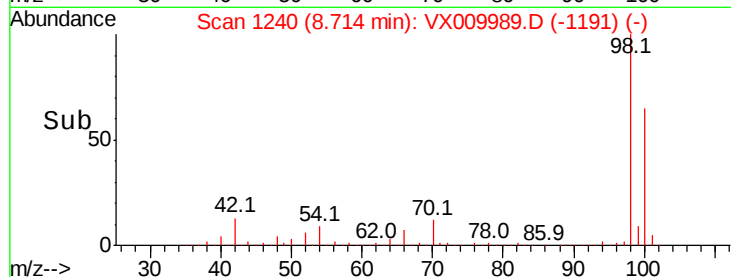
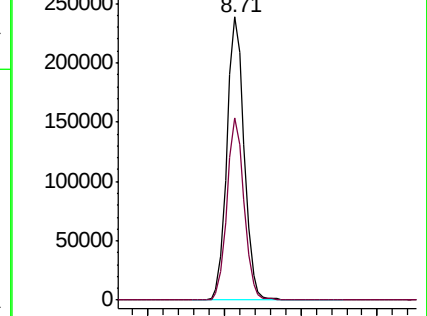
98 100

100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.102 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009989.D

Acq: 31 May 2019 16:47

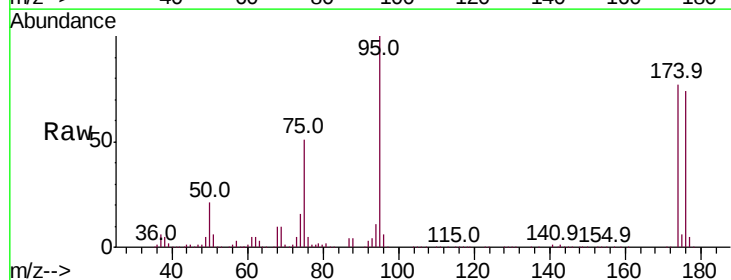
Tgt Ion: 95 Resp: 129310

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.4

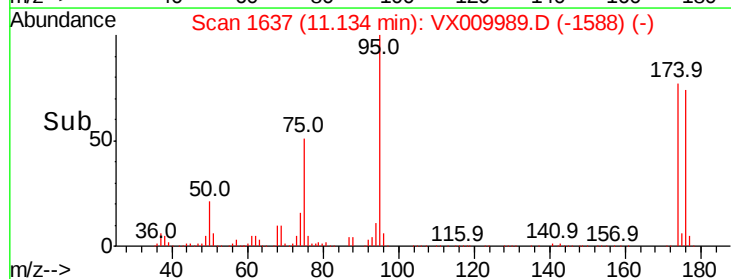
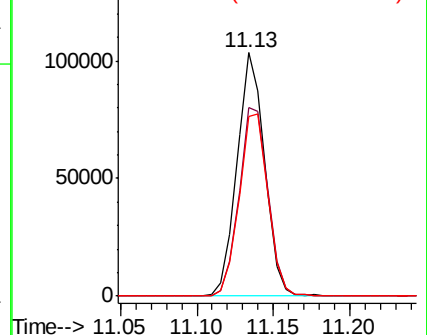
176 78.6 0.0 154.6

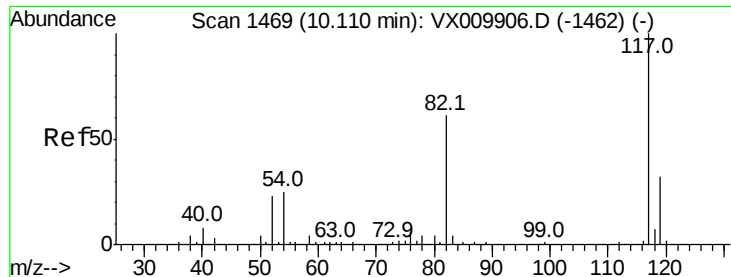


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

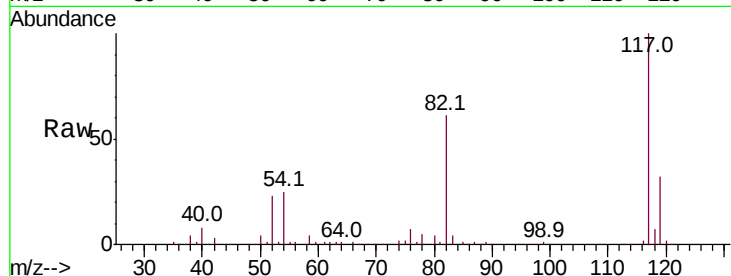




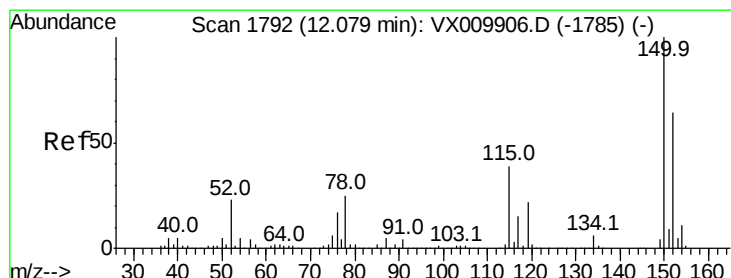
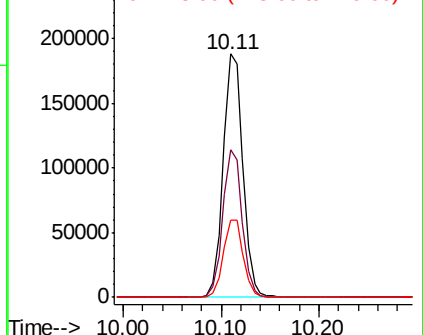
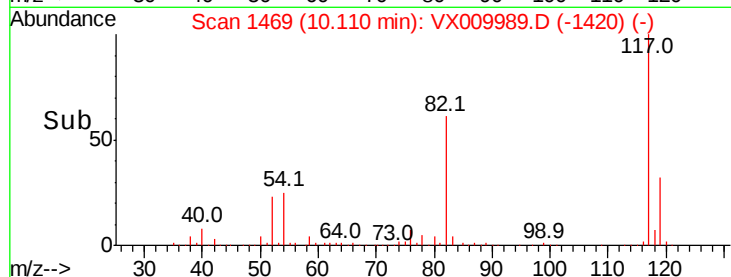
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009989.D
Acq: 31 May 2019 16:47

Instrument :
MSVOA_X
ClientSampleId :
LF014MW130-190530

Tot Ion:117 Resp: 263198
Ion Ratio Lower Upper
117 100
82 60.6 49.2 73.8
119 31.9 25.2 37.8

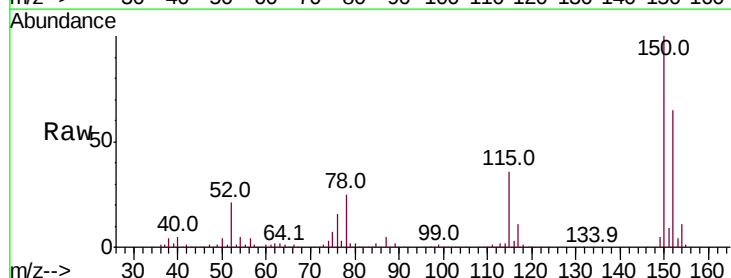


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009989.D
Acq: 31 May 2019 16:47

Tgt Ion:152 Resp: 118826
Ion Ratio Lower Upper
152 100
115 57.6 41.4 124.2
150 155.1 0.0 345.2



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

