

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009831.D
 Acq On : 23 May 2019 02:51
 Operator : JC/SP
 Sample : K2976-12 50X
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(17-20)

Quant Time: May 23 08:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

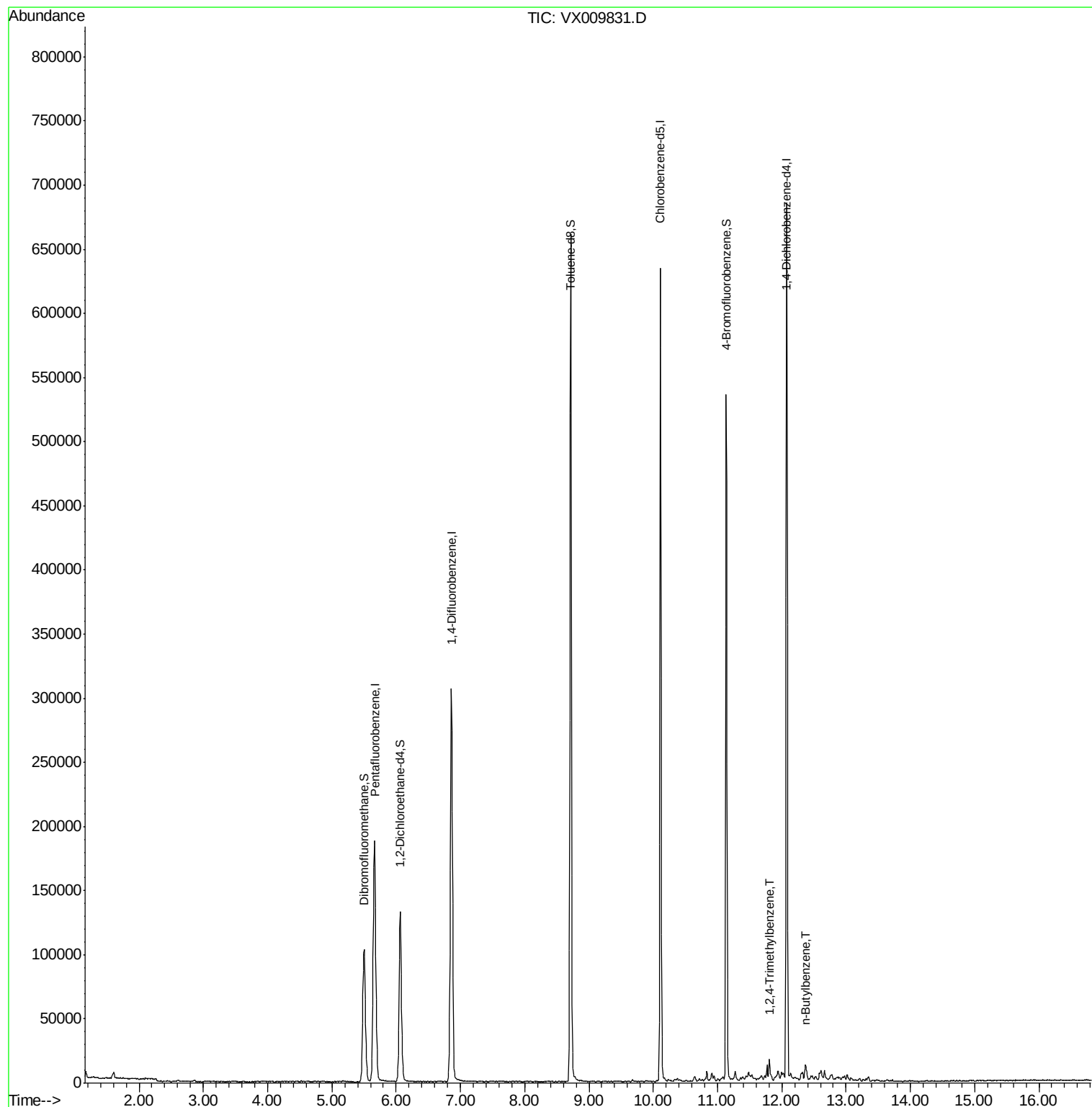
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124970	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	5.50	113	90615	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	376717	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	138229	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	11.80	105	5464	0.651	ug/l	96
89) n-Butylbenzene	12.38	91	2153	0.275	ug/l #	76

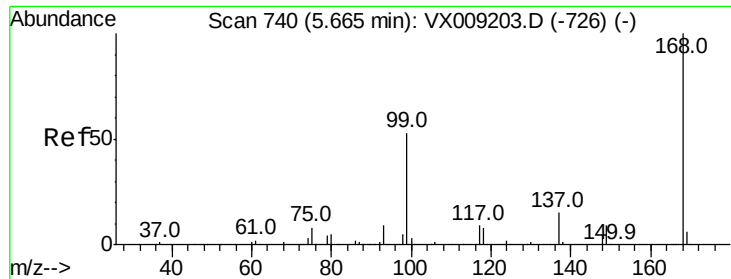
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009831.D

Acq: 23 May 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

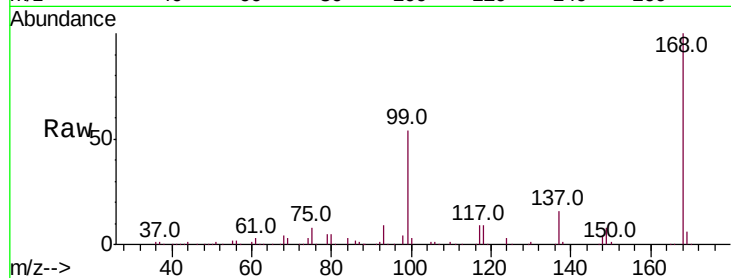
EP1-SB-MW-ER(17-20)

Tot Ion:168 Resp: 183793

Ion Ratio Lower Upper

168 100

99 53.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

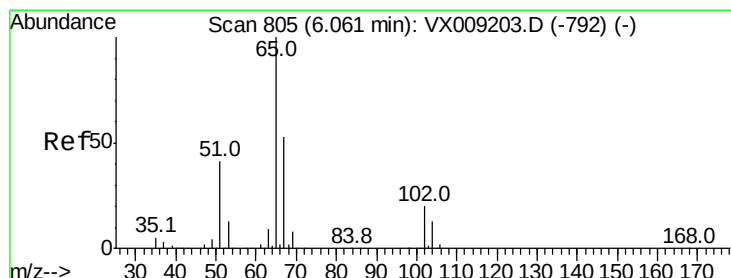
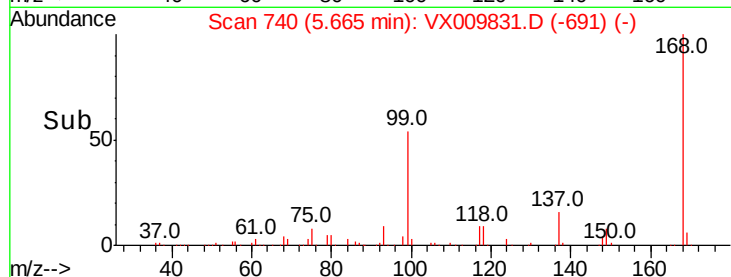
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 49.809 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009831.D

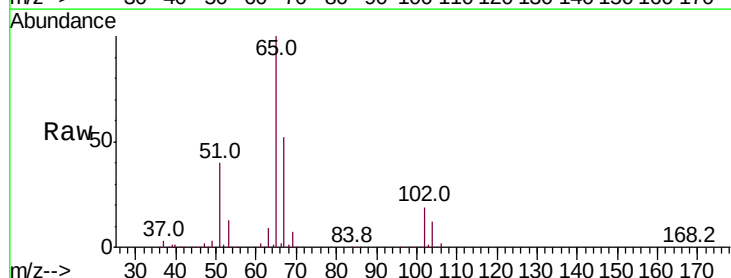
Acq: 23 May 2019 02:51

Tgt Ion: 65 Resp: 124970

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

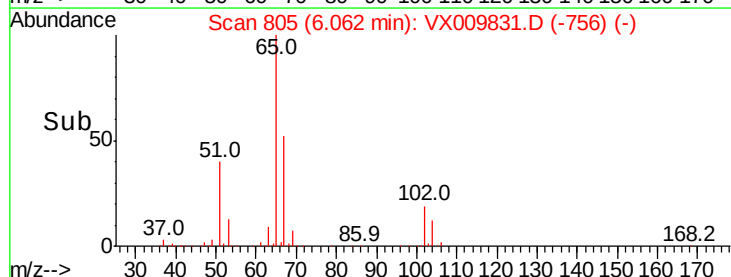
30000

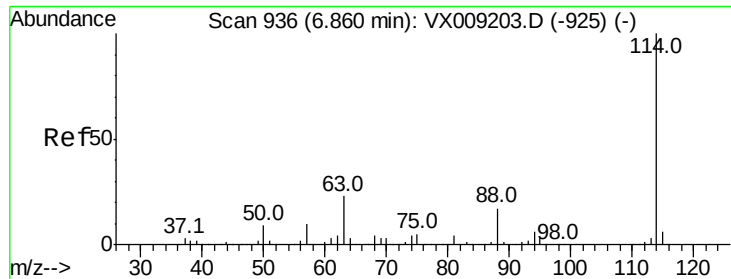
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

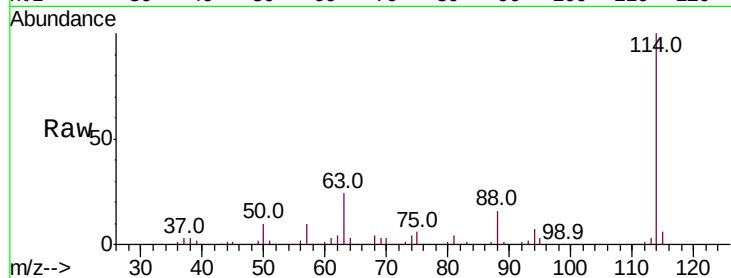




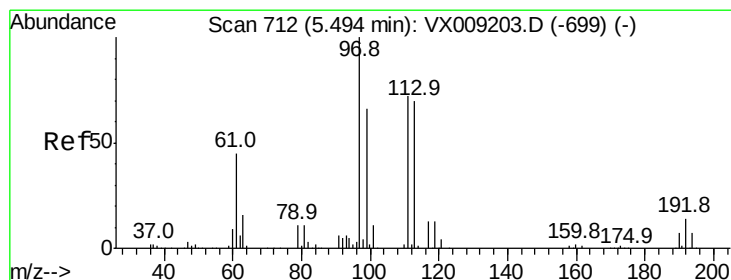
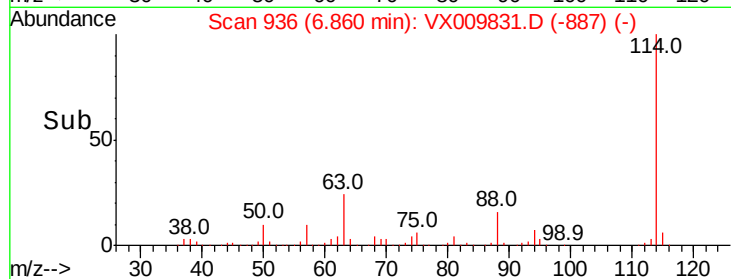
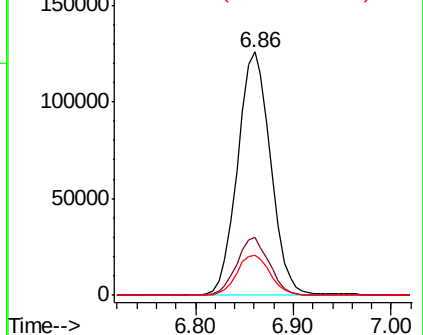
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009831.D
 Acq: 23 May 2019 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(17-20)

Tot Ion:114 Resp: 295212
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.6
 88 16.4 0.0 33.2

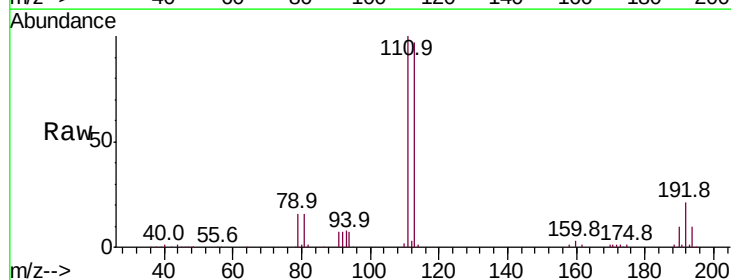


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

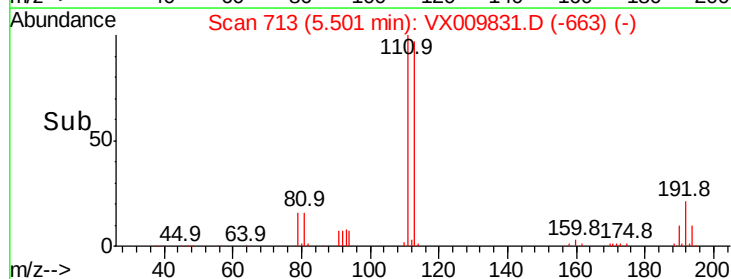
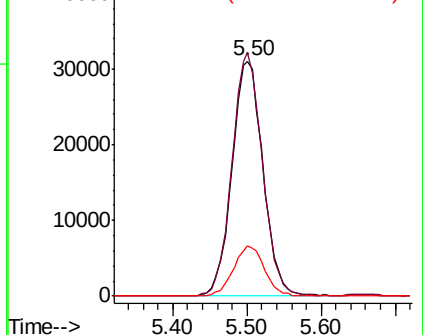


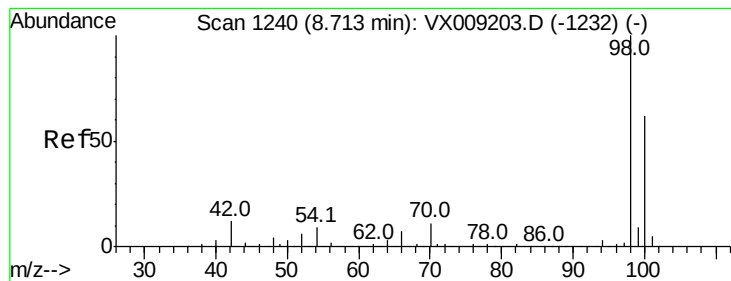
#35
 Dibromofluoromethane
 Concen: 48.827 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009831.D
 Acq: 23 May 2019 02:51

Tgt Ion:113 Resp: 90615
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.8 124.2
 192 21.2 17.0 25.6



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: 50.280 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009831.D

Acq: 23 May 2019 02:51

Instrument :

MSVOA_X

ClientSampleId :

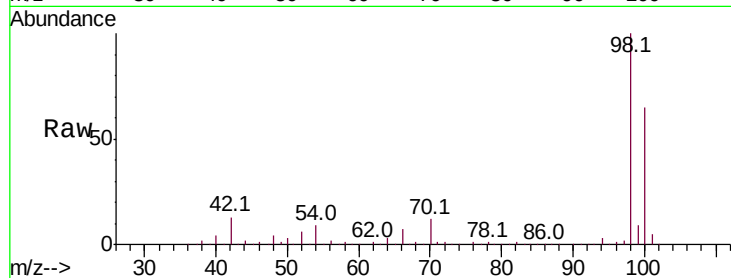
EP1-SB-MW-ER(17-20)

Tot Ion: 98 Resp: 376717

Ion Ratio Lower Upper

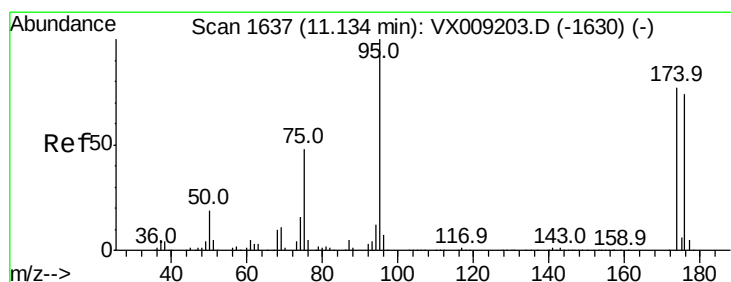
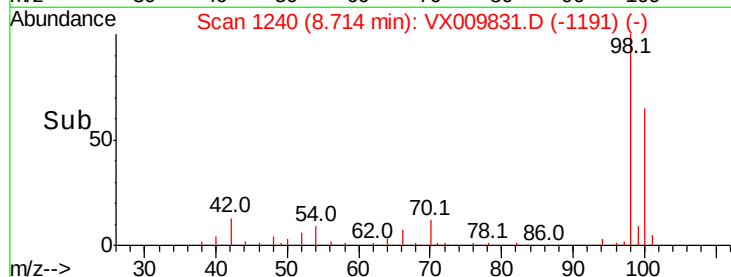
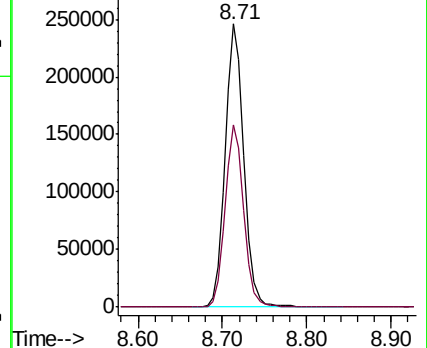
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 50.774 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009831.D

Acq: 23 May 2019 02:51

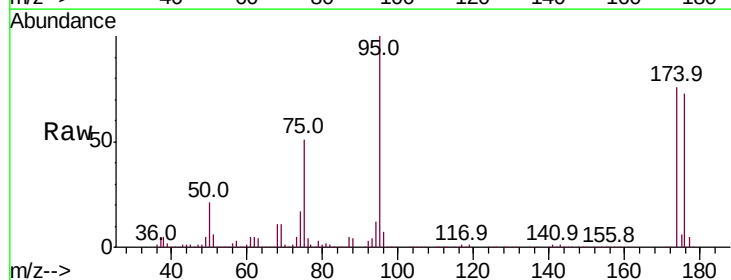
Tgt Ion: 95 Resp: 138229

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.6

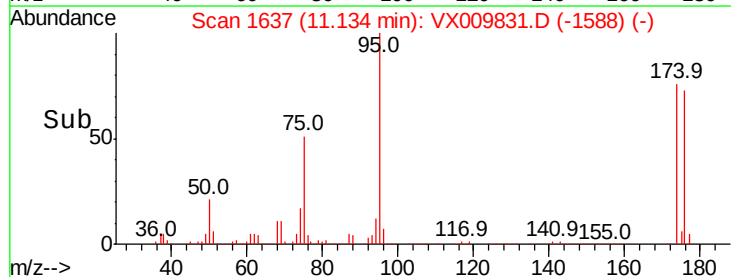
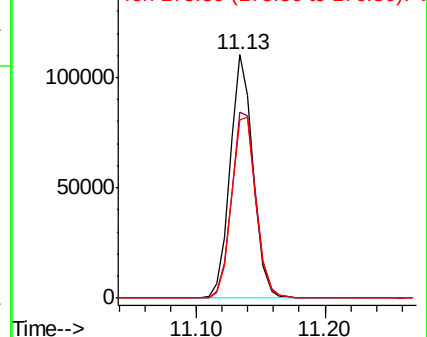
176 79.2 0.0 159.2

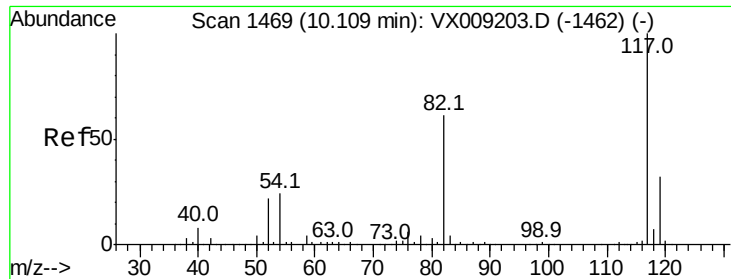


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

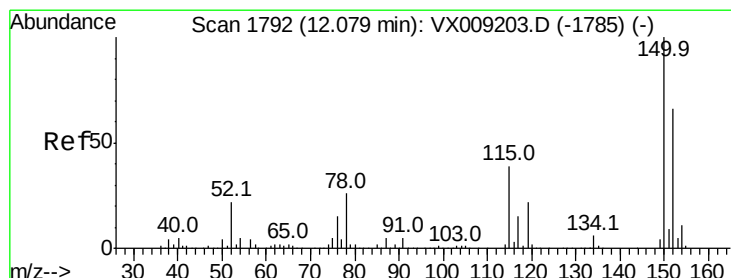
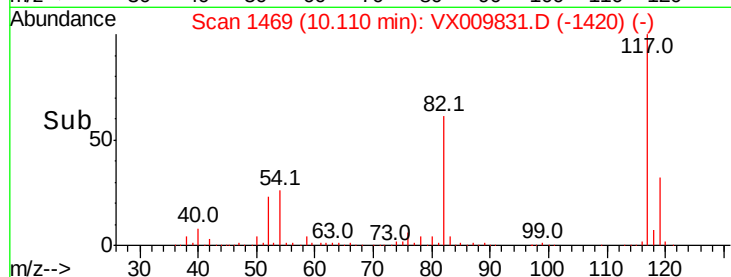
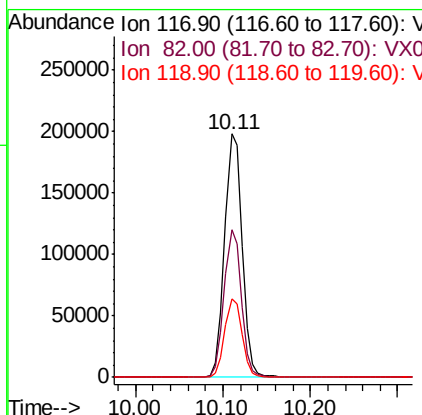
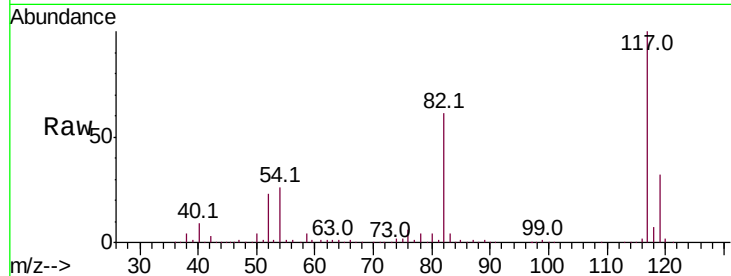




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009831.D
 Acq: 23 May 2019 02:51

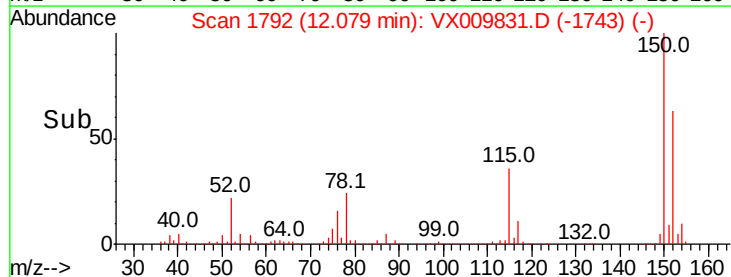
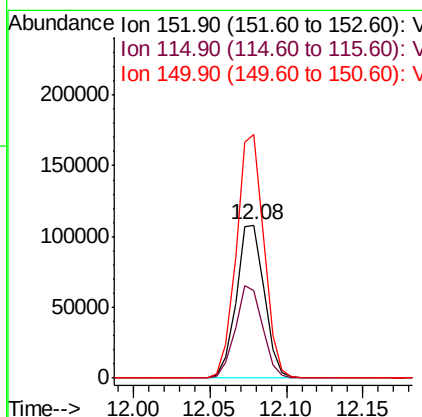
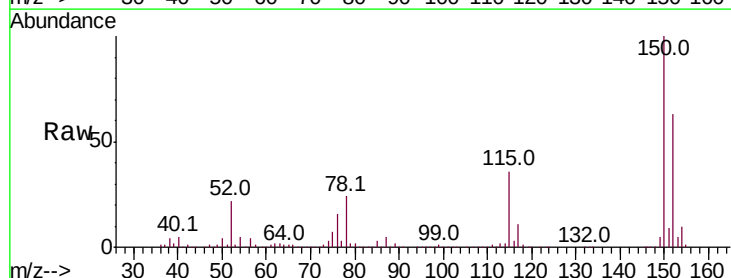
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(17-20)

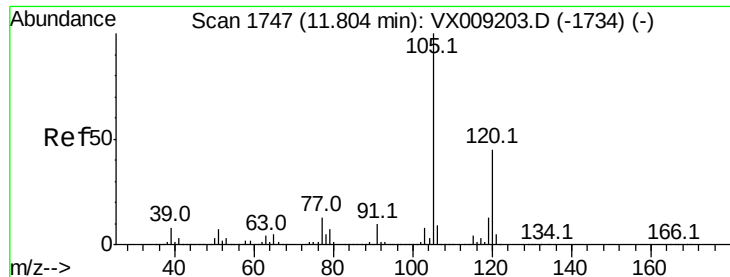
Tot Ion:117 Resp: 275340
 Ion Ratio Lower Upper
 117 100
 82 60.8 48.8 73.2
 119 32.2 25.8 38.6



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009831.D
 Acq: 23 May 2019 02:51

Tgt Ion:152 Resp: 136629
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.2 123.6
 150 157.2 0.0 346.4

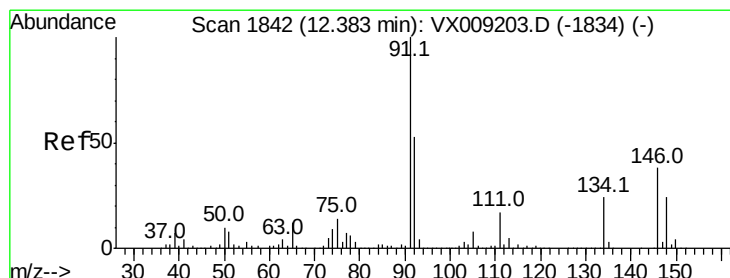
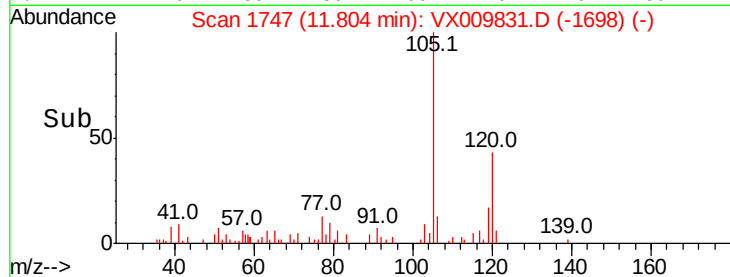
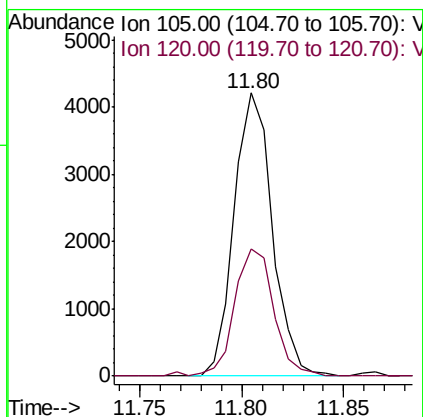
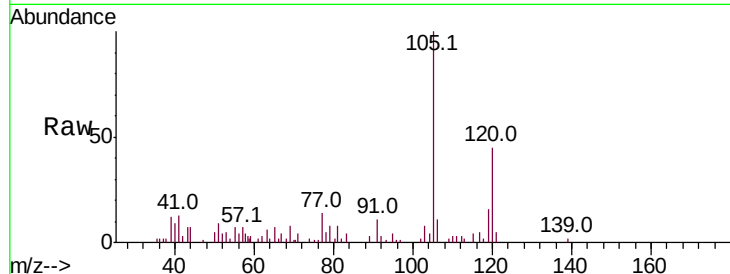




#84
 1,2,4-Trimethylbenzene
 Concen: 0.651 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009831.D
 Acq: 23 May 2019 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(17-20)

Tot Ion:105 Resp: 5464
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.0 66.0



#89
 n-Butylbenzene
 Concen: 0.275 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009831.D
 Acq: 23 May 2019 02:51

Tgt Ion: 91 Resp: 2153
 Ion Ratio Lower Upper
 91 100
 92 49.0 26.5 79.5
 134 56.8 12.4 37.2#

