

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011366.D
 Acq On : 07 Aug 2019 16:31
 Operator : JC/SP
 Sample : K4222-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190806

Quant Time: Aug 08 07:39:37 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	5.65	168	166839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124107	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	95873	57.06	ug/l	0.00
Spiked Amount			Recovery	=	114.12%	
35) Dibromofluoromethane	5.49	113	88704	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.71	98	330227	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	118597	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	

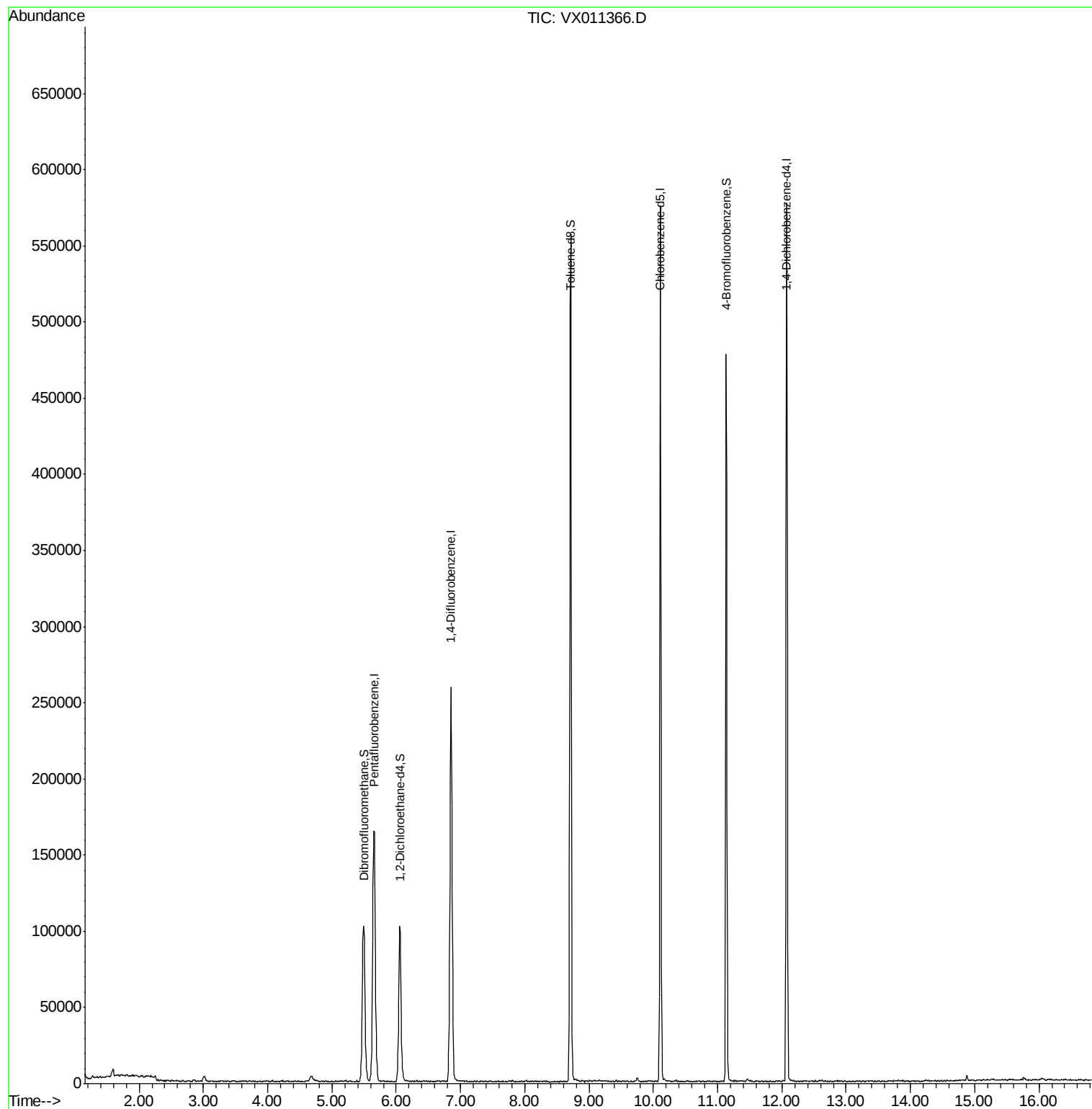
Target Compounds	Qvalue
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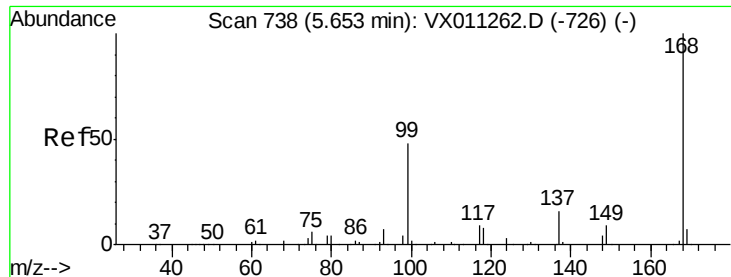
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011366.D

Acq: 07 Aug 2019 16:31

Instrument :

MSVOA_X

ClientSampleId :

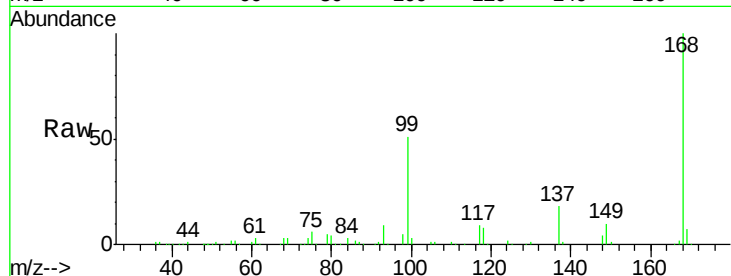
TB-01-190806

Tot Ion:168 Resp: 166839

Ion Ratio Lower Upper

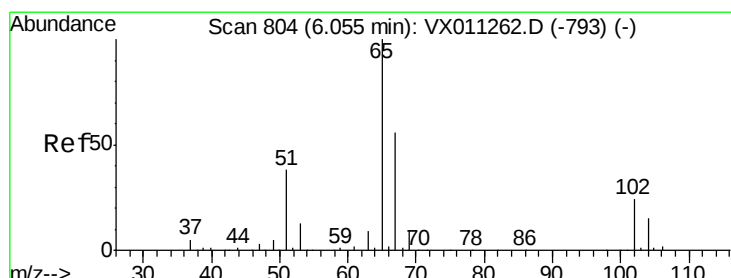
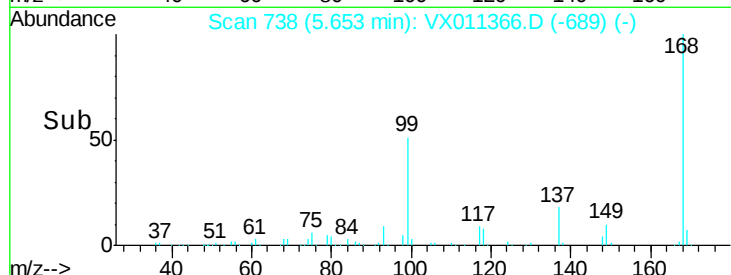
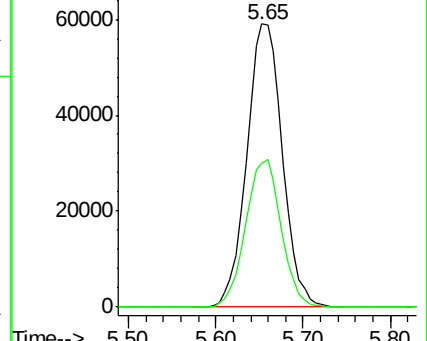
168 100

99 51.0 38.5 57.7



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: 57.062 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011366.D

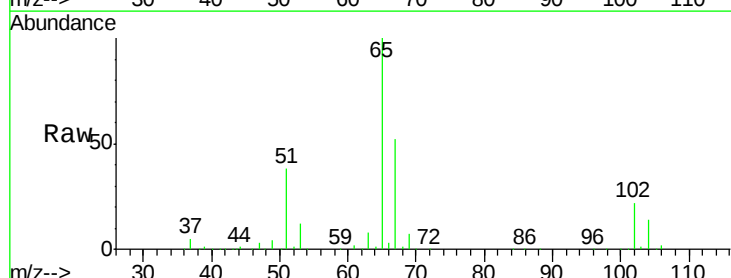
Acq: 07 Aug 2019 16:31

Tgt Ion: 65 Resp: 95873

Ion Ratio Lower Upper

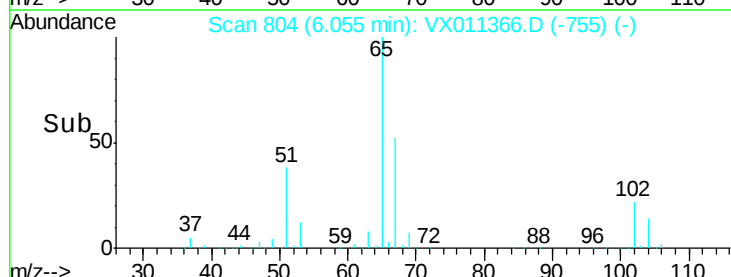
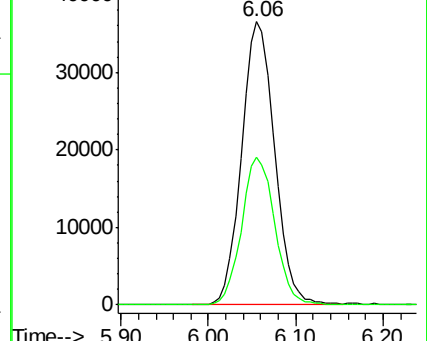
65 100

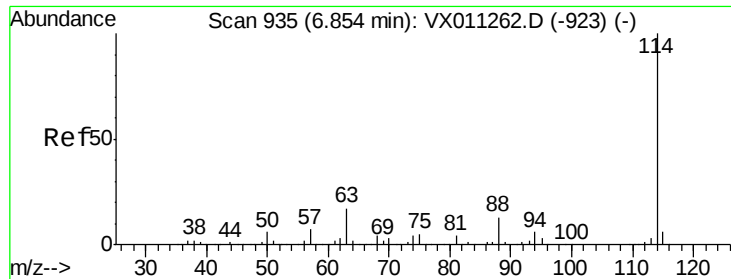
67 52.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

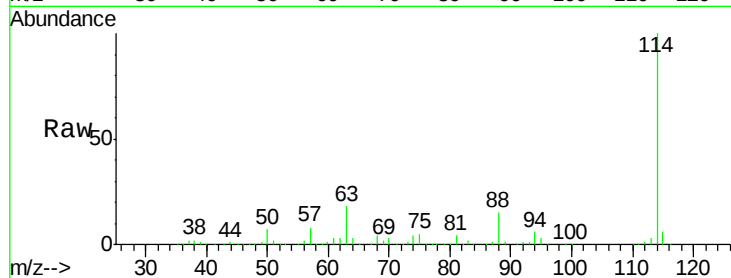




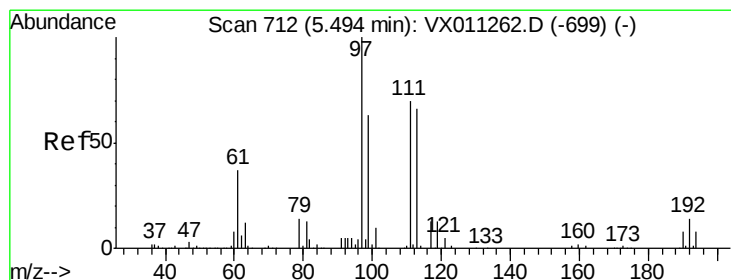
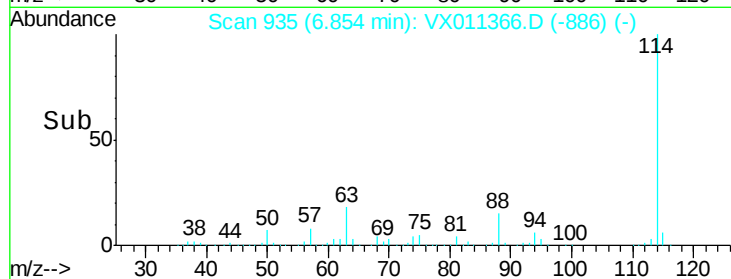
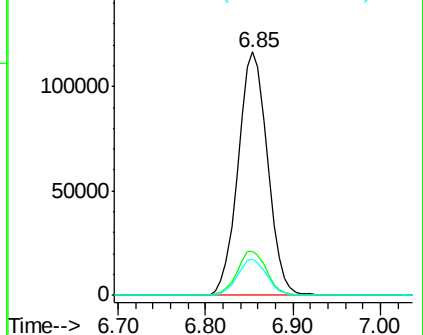
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011366.D
 Acq: 07 Aug 2019 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190806

Tot Ion:114 Resp: 272696
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.0
 88 14.9 0.0 26.4

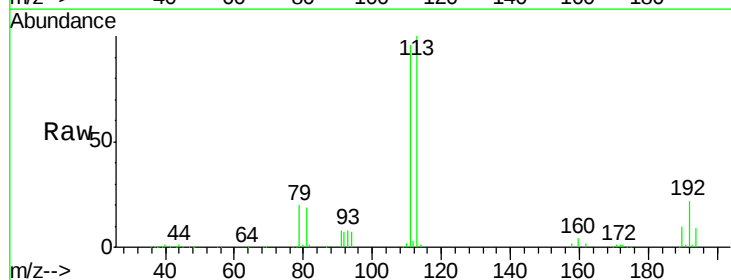


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

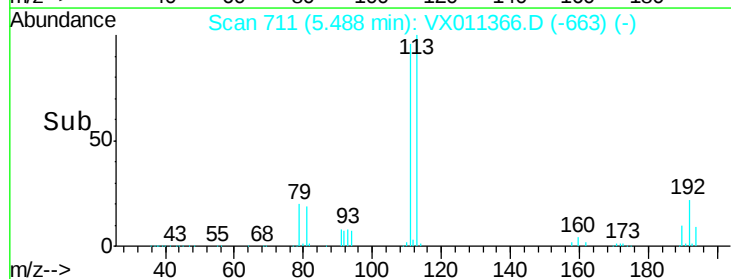
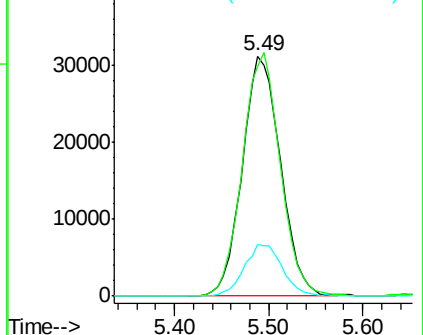


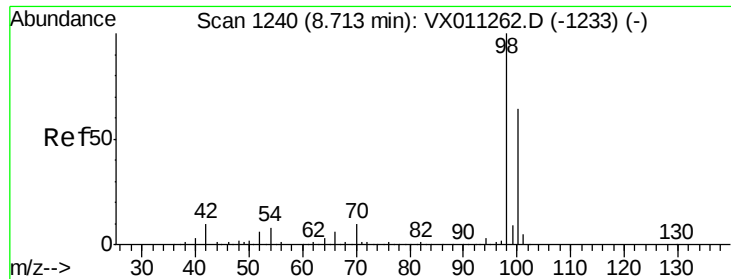
#35
 Dibromofluoromethane
 Concen: 49.823 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011366.D
 Acq: 07 Aug 2019 16:31

Tgt Ion:113 Resp: 88704
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.9 122.9
 192 21.5 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

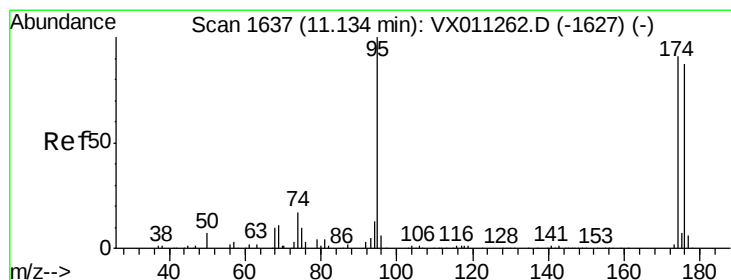
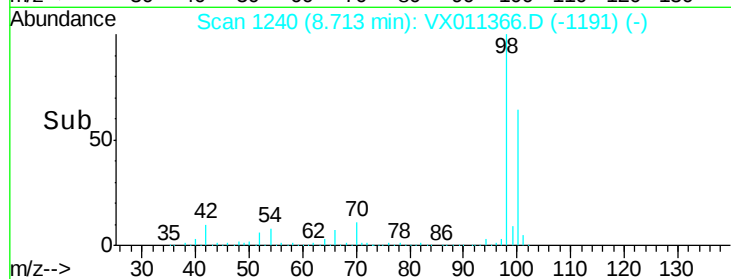
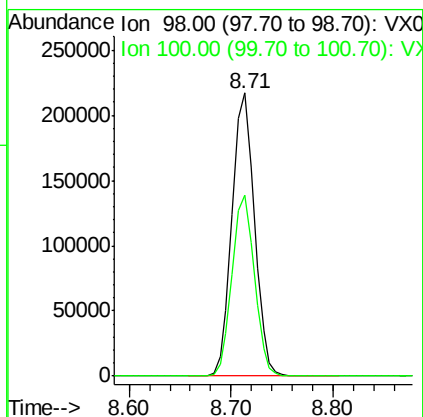
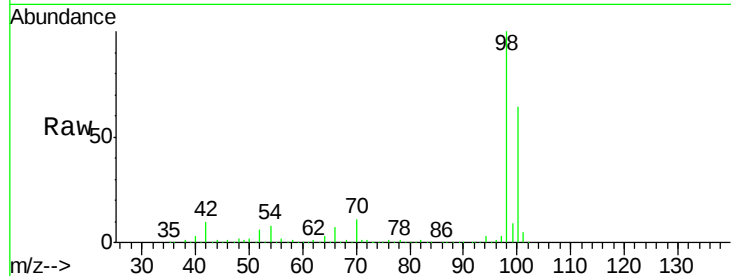




#50
Toluene-d8
Concen: 49.138 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011366.D
Acq: 07 Aug 2019 16:31

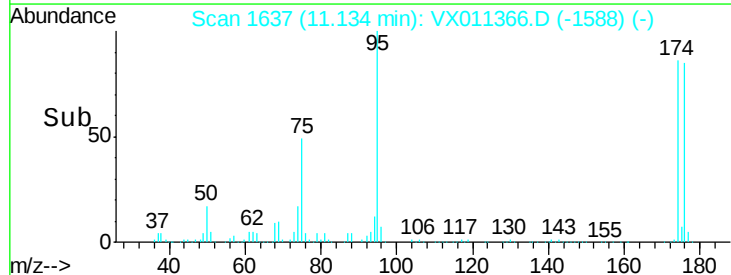
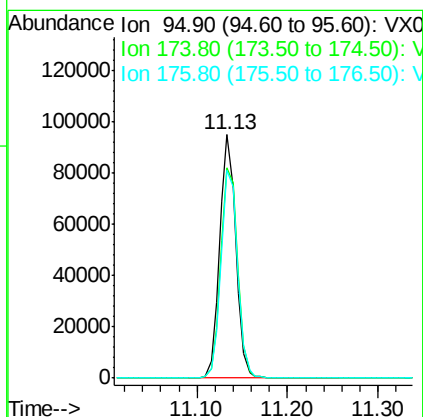
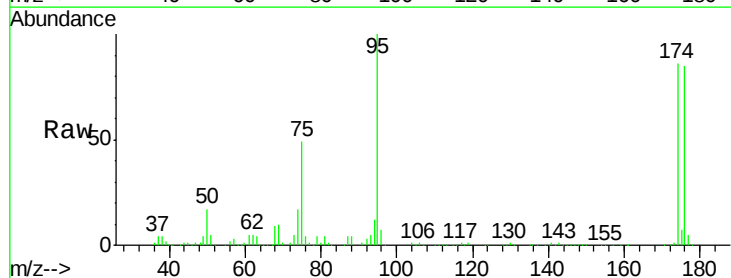
Instrument :
MSVOA_X
ClientSampleId :
TB-01-190806

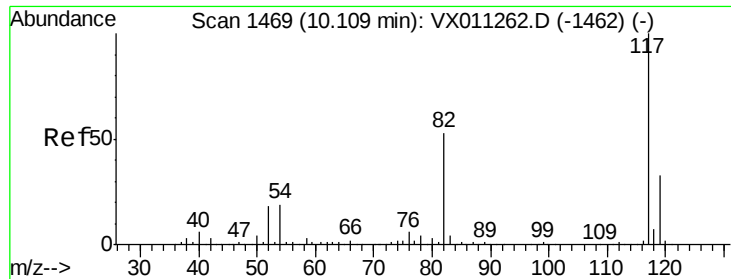
Tot Ion: 98 Resp: 330227
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.429 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011366.D
Acq: 07 Aug 2019 16:31

Tgt Ion: 95 Resp: 118597
Ion Ratio Lower Upper
95 100
174 90.6 0.0 191.2
176 88.1 0.0 184.8

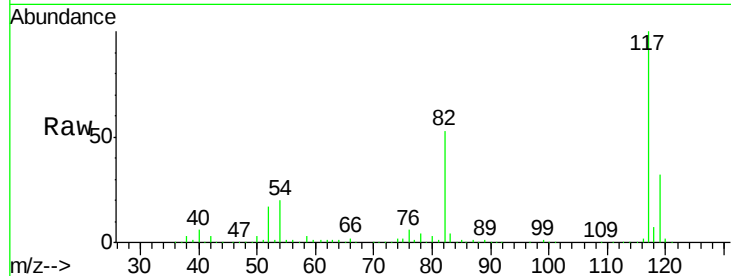




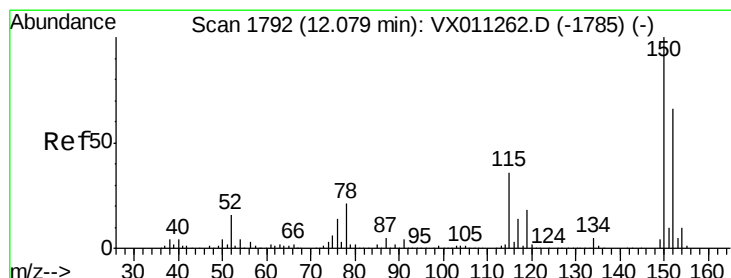
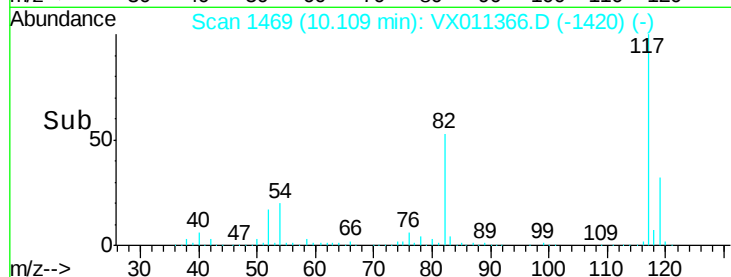
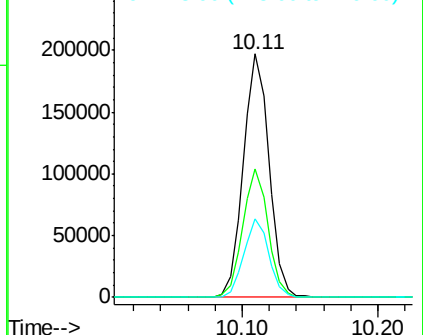
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011366.D
Acq: 07 Aug 2019 16:31

Instrument :
MSVOA_X
ClientSampled :
TB-01-190806

Tot Ion:117 Resp: 260013
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.0 26.6 39.8

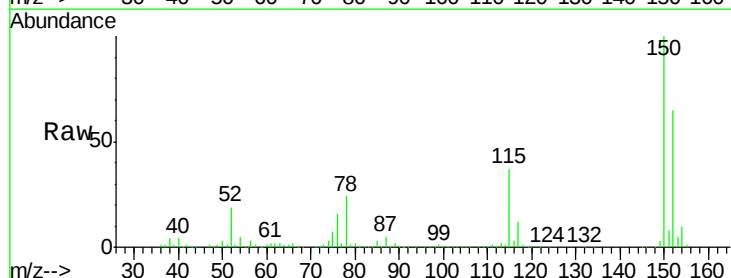


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011366.D
Acq: 07 Aug 2019 16:31

Tgt Ion:152 Resp: 124107
Ion Ratio Lower Upper
152 100
115 55.3 40.0 119.9
150 157.0 0.0 350.4



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

