

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
 Data File : VX009194.D
 Acq On : 26 Apr 2019 16:57
 Operator : JC/SP
 Sample : K2594-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-TB02-190423

Quant Time: Apr 27 05:45:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123319	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	138698	47.22	ug/l	0.00
Spiked Amount						
			Recovery	=	94.44%	
35) Dibromofluoromethane	5.50	113	101671	47.05	ug/l	0.00
Spiked Amount						
			Recovery	=	94.10%	
50) Toluene-d8	8.71	98	420297	48.77	ug/l	0.00
Spiked Amount						
			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.13	95	137969	45.36	ug/l	0.00
Spiked Amount						
			Recovery	=	90.72%	

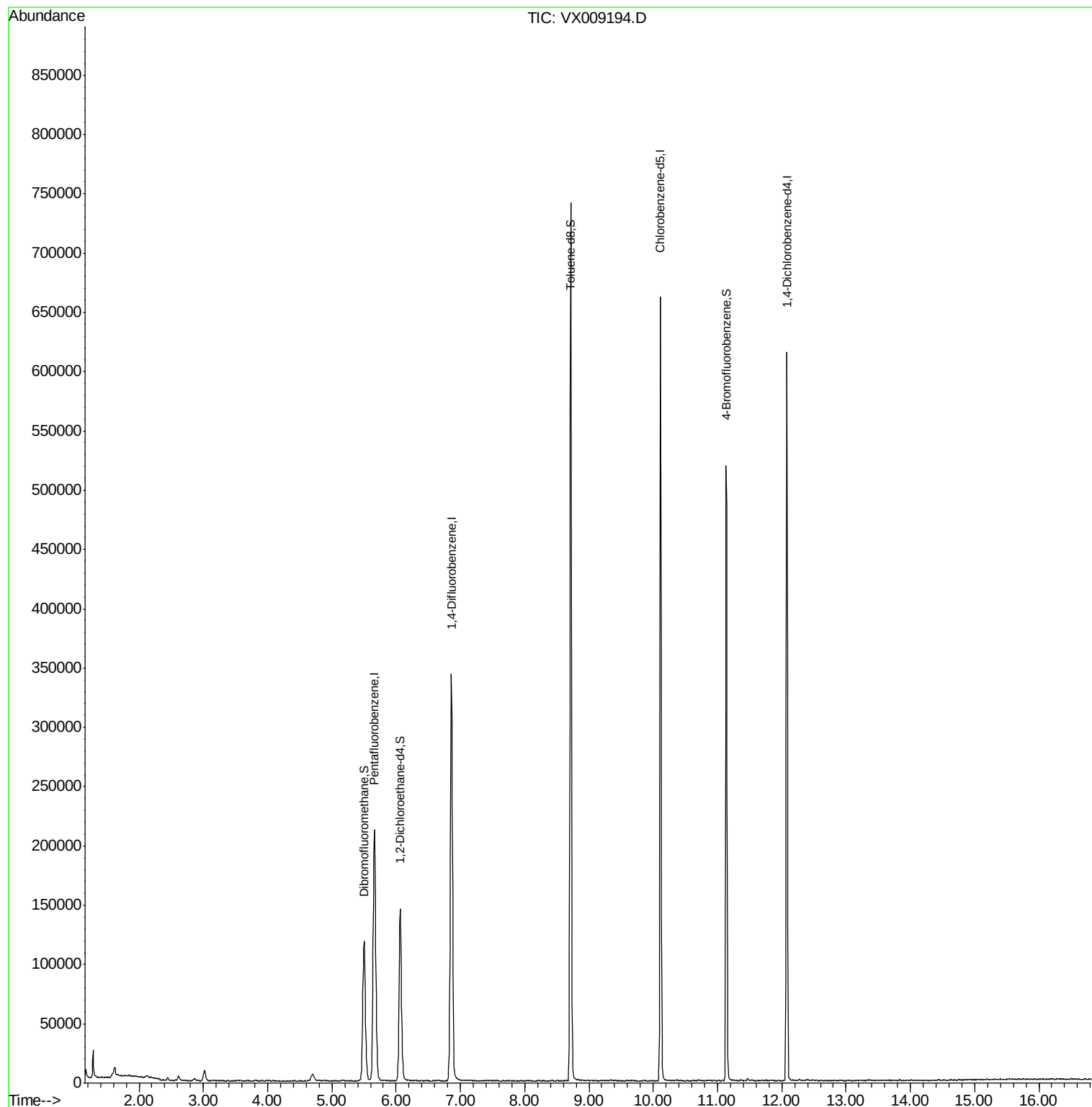
Target Compounds	Qvalue

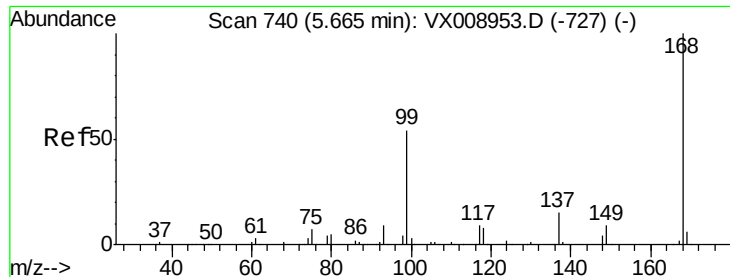
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009194.D

Acq: 26 Apr 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

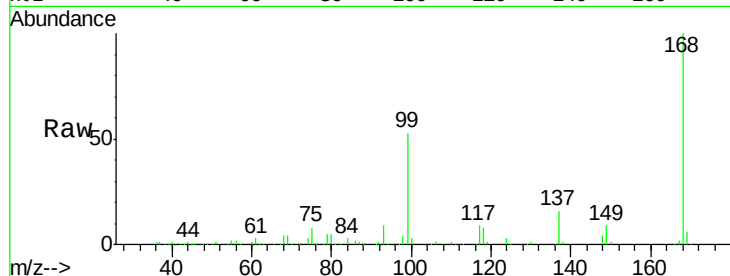
Z2-TB02-190423

Tot Ion:168 Resp: 208442

Ion Ratio Lower Upper

168 100

99 53.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

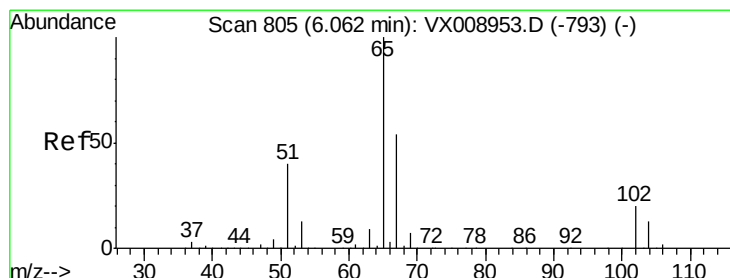
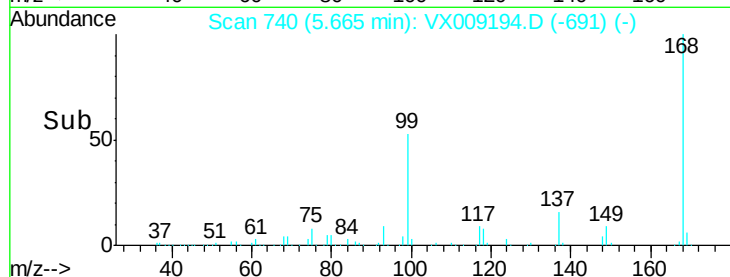
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.216 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009194.D

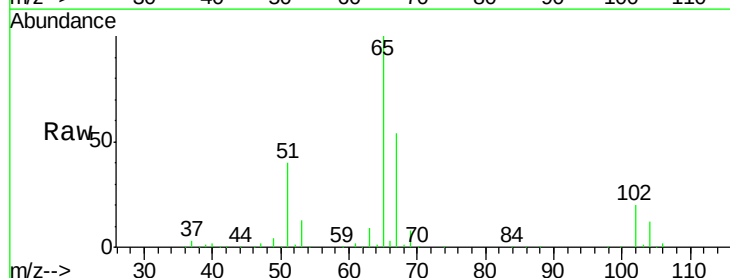
Acq: 26 Apr 2019 16:57

Tgt Ion: 65 Resp: 138698

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

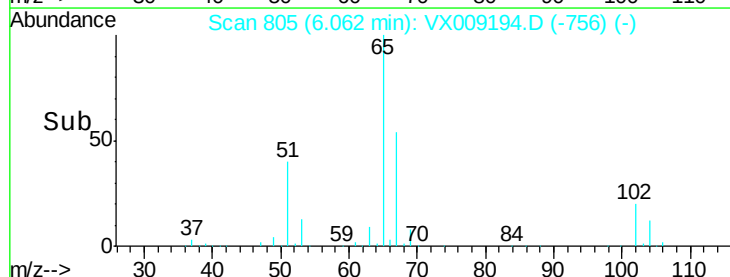
30000

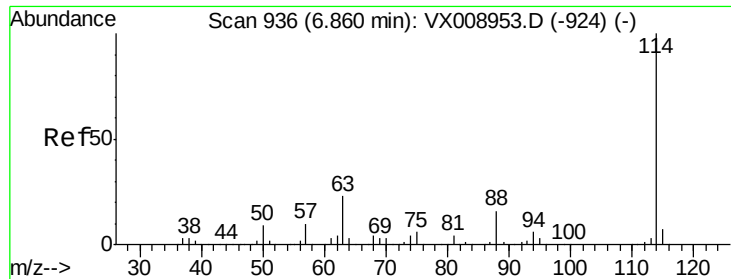
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

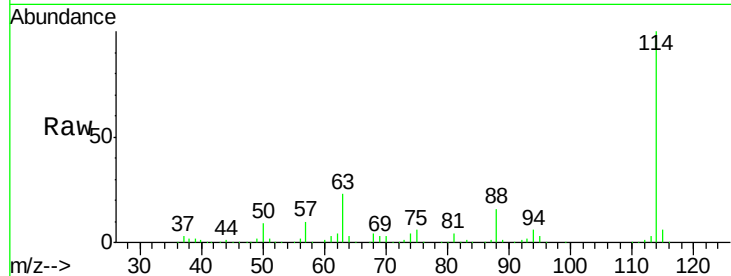




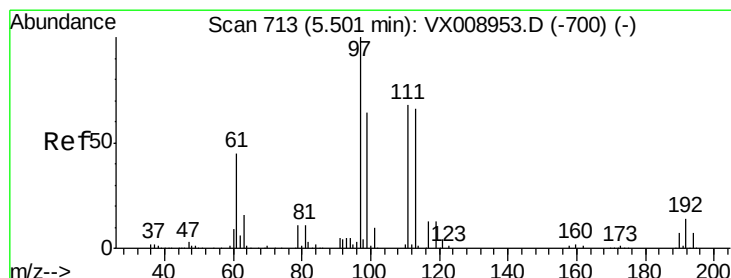
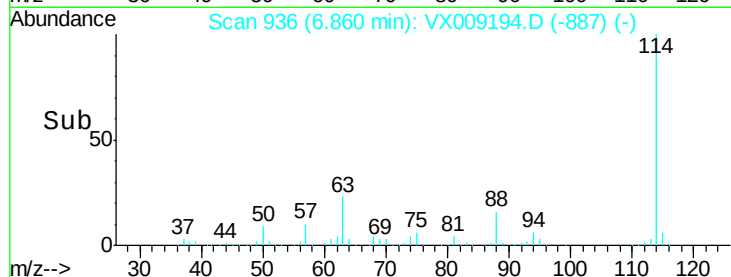
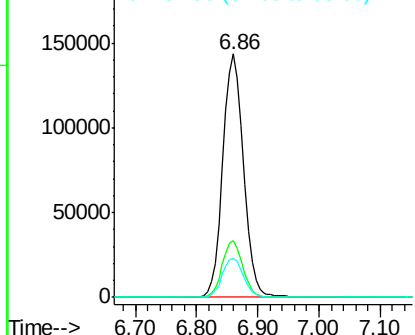
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009194.D
 Acq: 26 Apr 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-TB02-190423

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.0
88	16.1	0.0	32.6

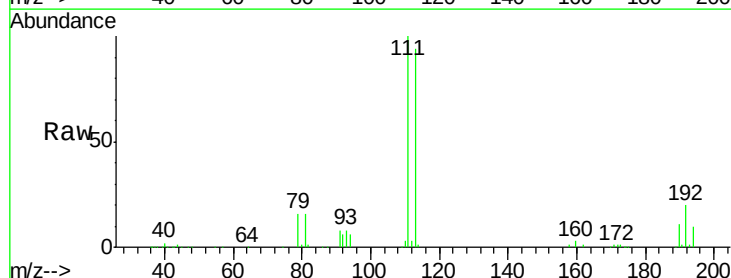


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

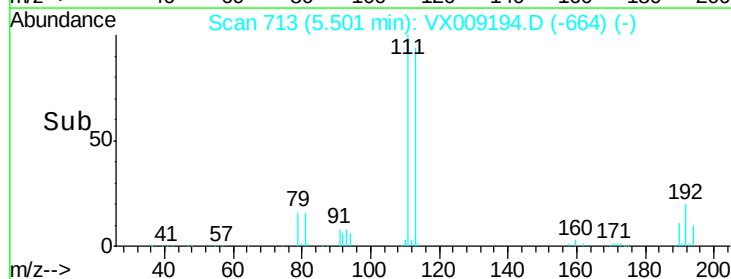
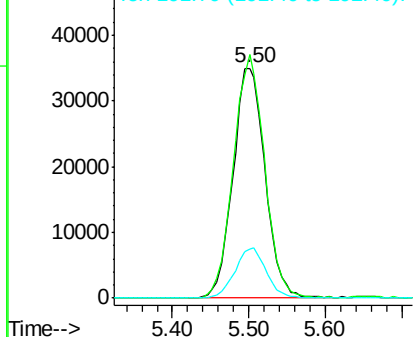


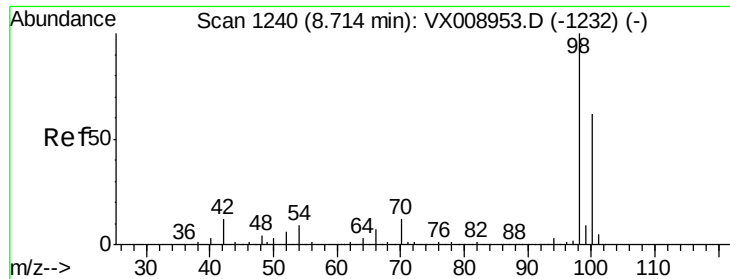
#35
 Dibromofluoromethane
 Concen: 47.054 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009194.D
 Acq: 26 Apr 2019 16:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	21.2	17.4	26.0



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

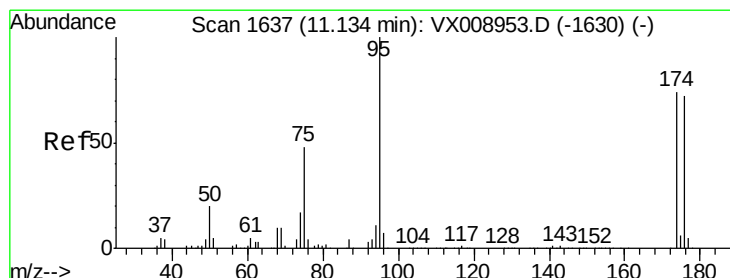
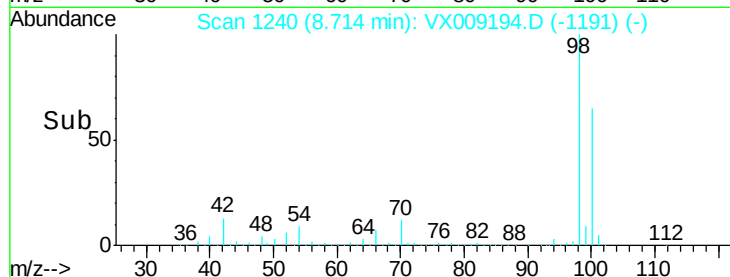
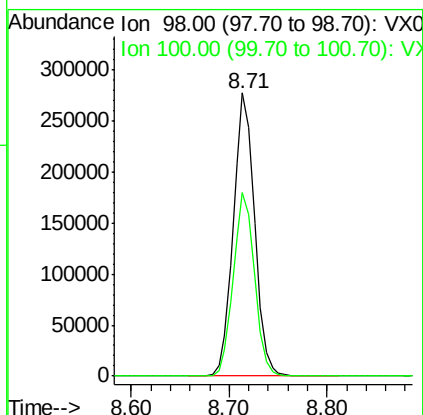
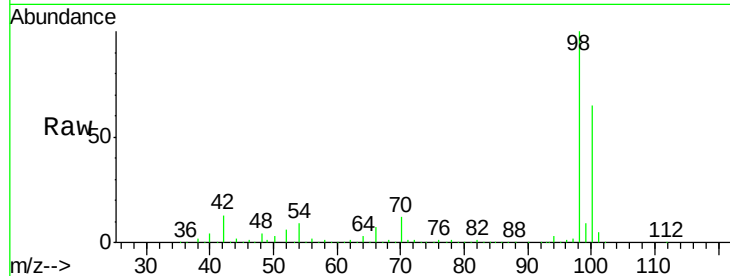




#50
Toluene-d8
Concen: 48.775 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009194.D
Acq: 26 Apr 2019 16:57

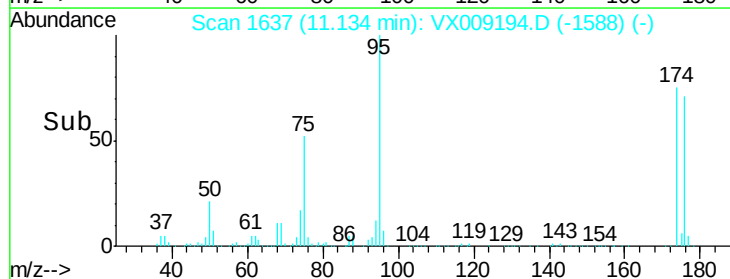
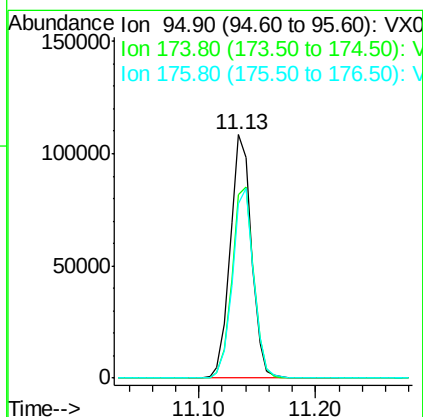
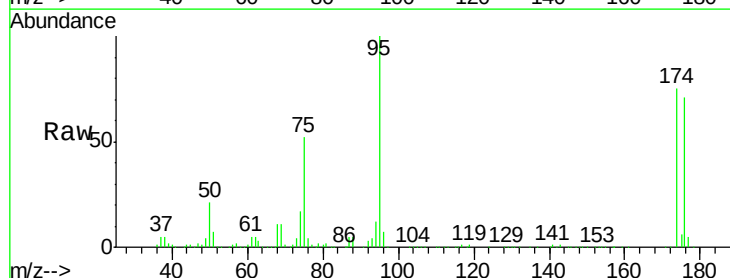
Instrument :
MSVOA_X
ClientSampleId :
Z2-TB02-190423

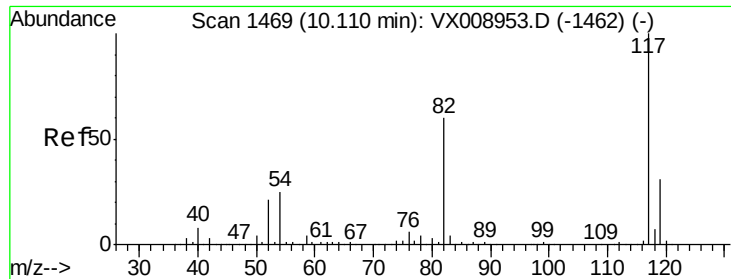
Tot Ion: 98 Resp: 420297
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 45.357 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009194.D
Acq: 26 Apr 2019 16:57

Tgt Ion: 95 Resp: 137969
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.6
176 77.8 0.0 154.8

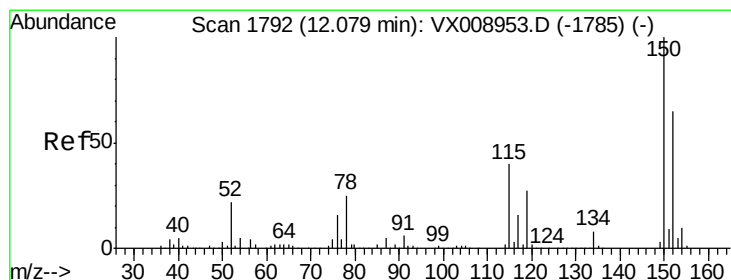
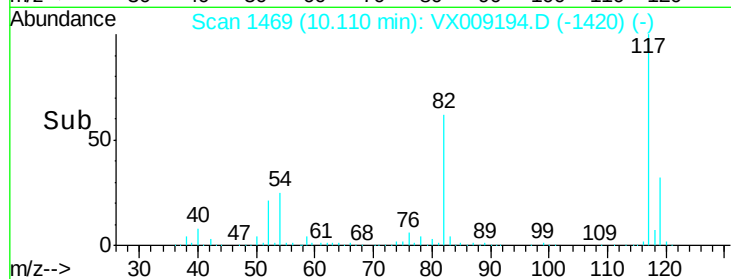
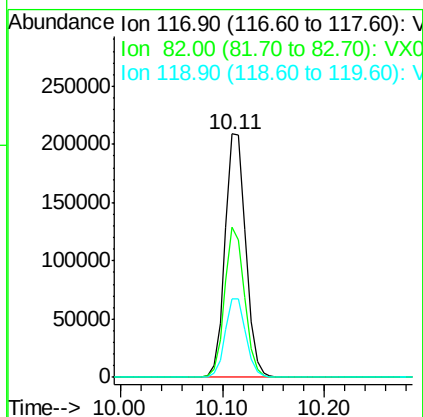
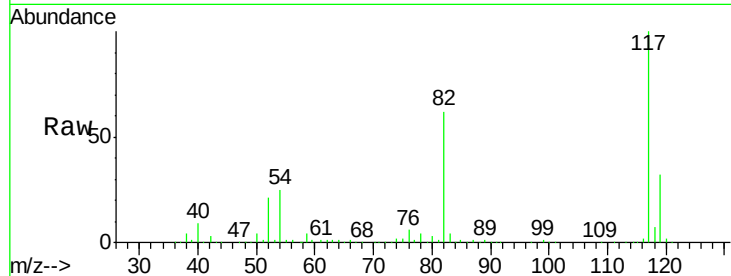




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009194.D
Acq: 26 Apr 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
Z2-TB02-190423

Tot Ion:117 Resp: 292969
Ion Ratio Lower Upper
117 100
82 61.6 48.2 72.4
119 32.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009194.D
Acq: 26 Apr 2019 16:57

Tgt Ion:152 Resp: 123319
Ion Ratio Lower Upper
152 100
115 57.9 41.4 124.2
150 155.3 0.0 349.8

