

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011778.D
 Acq On : 22 Aug 2019 21:37
 Operator : JC/SP
 Sample : K4403-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H4-(0)

Quant Time: Aug 23 03:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

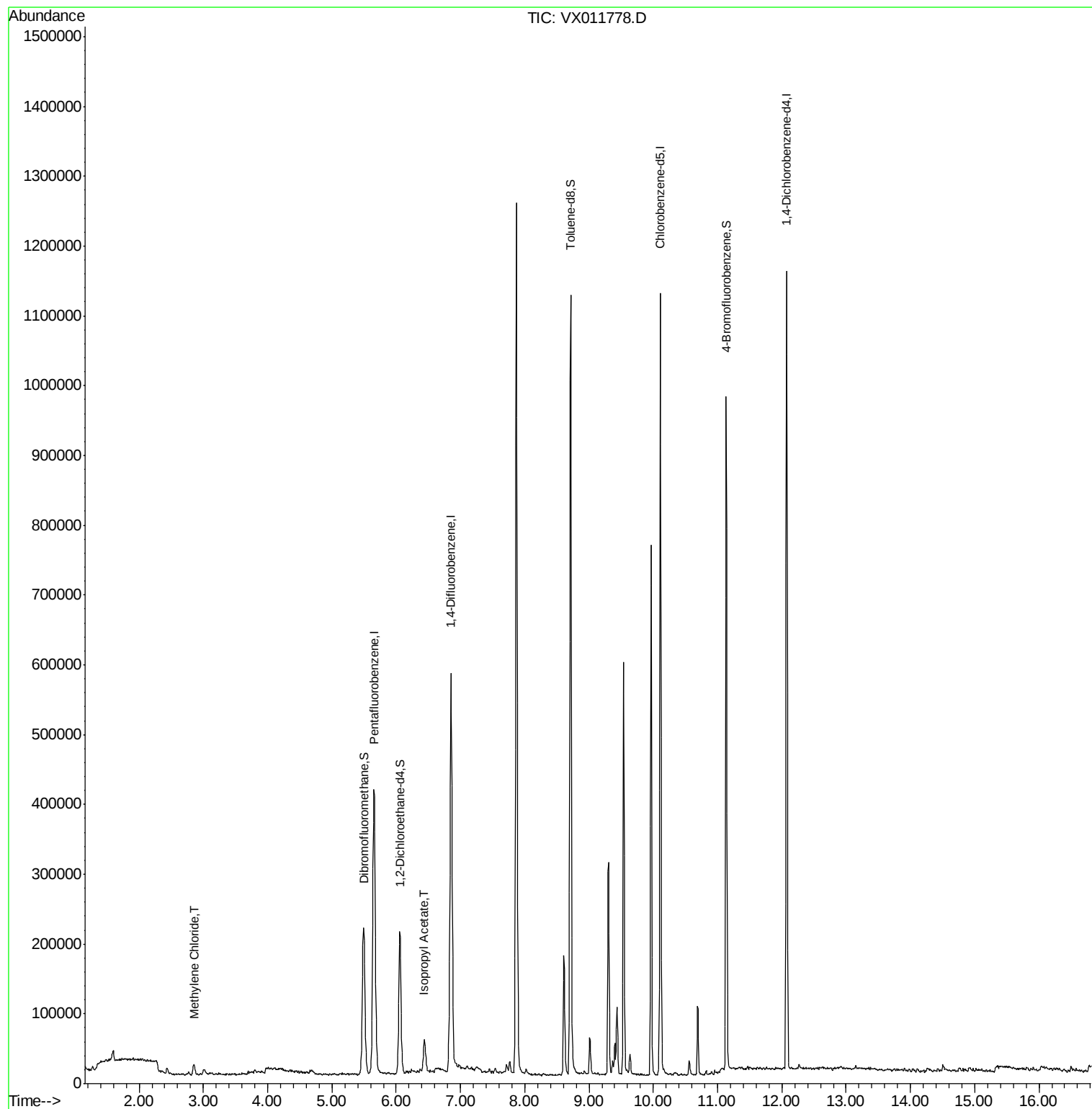
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	451467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	600573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	558604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	254120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	198960	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
35) Dibromofluoromethane	5.49	113	180106	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	8.71	98	691568	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.13	95	238201	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
20) Methylene Chloride	2.85	84	8145	2.019	ug/l	96
43) Isopropyl Acetate	6.44	43	62784	7.783	ug/l	98

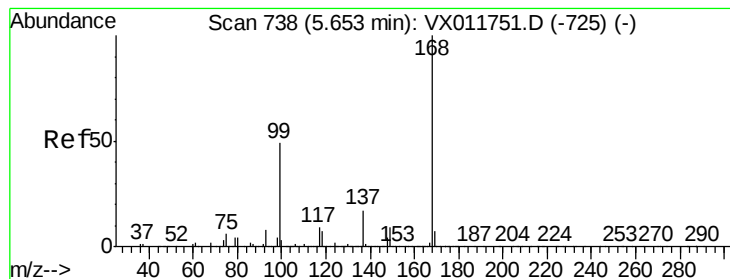
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011778.D

Acq: 22 Aug 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

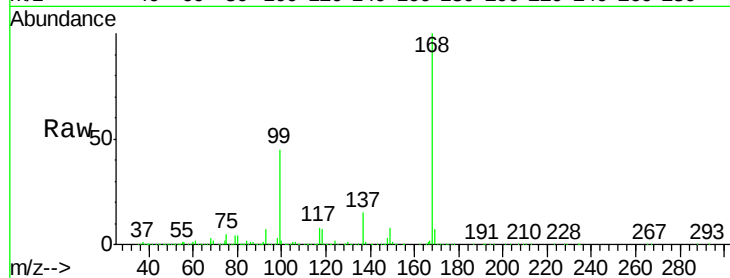
T1-H4-(0)

Tot Ion:168 Resp: 451467

Ion Ratio Lower Upper

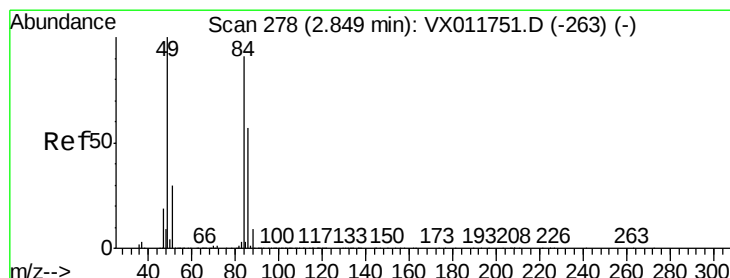
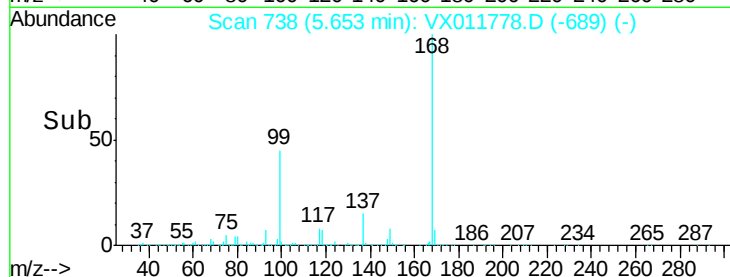
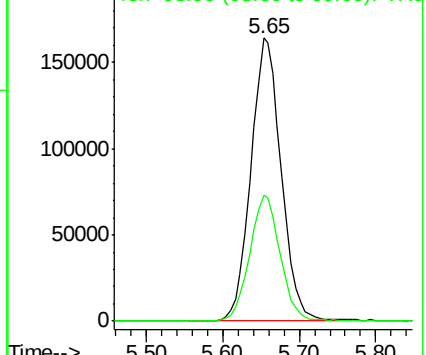
168 100

99 44.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 2.019 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX011778.D

Acq: 22 Aug 2019 21:37

Tgt Ion: 84 Resp: 8145

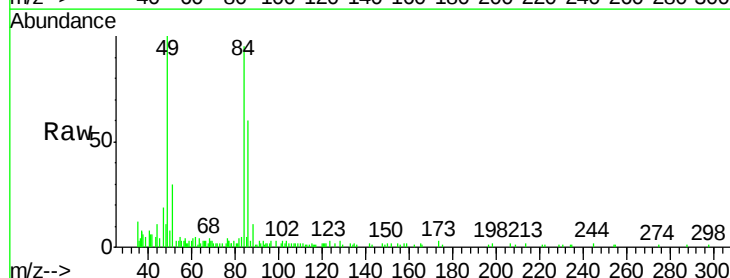
Ion Ratio Lower Upper

84 100

49 102.9 88.3 132.5

51 32.2 26.2 39.2

86 63.4 50.6 76.0

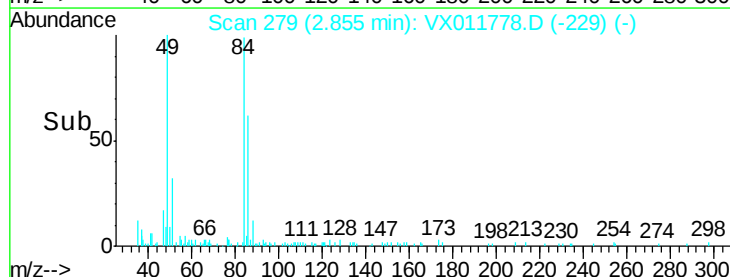
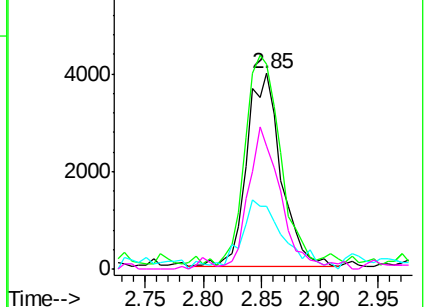


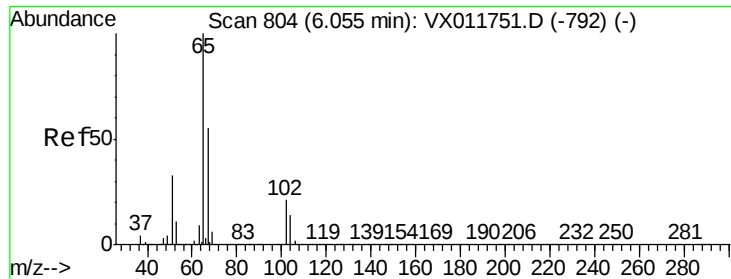
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

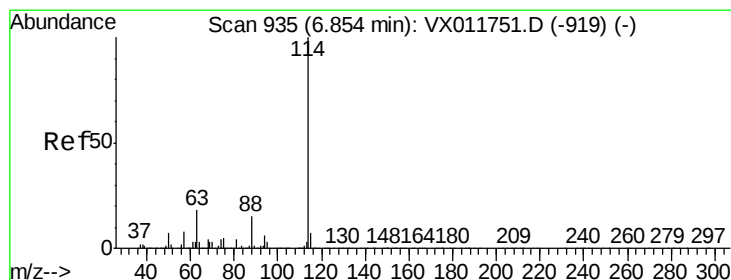
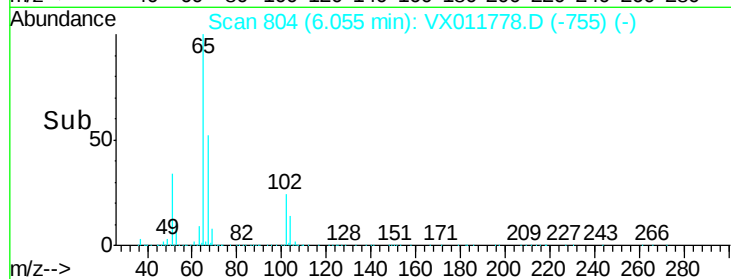
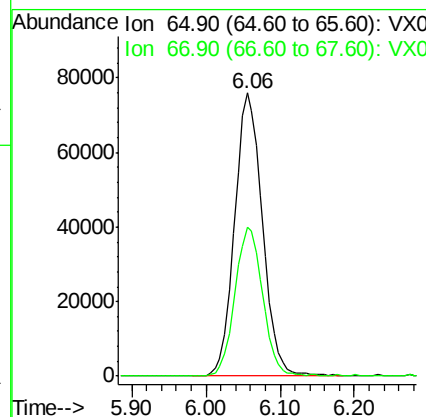
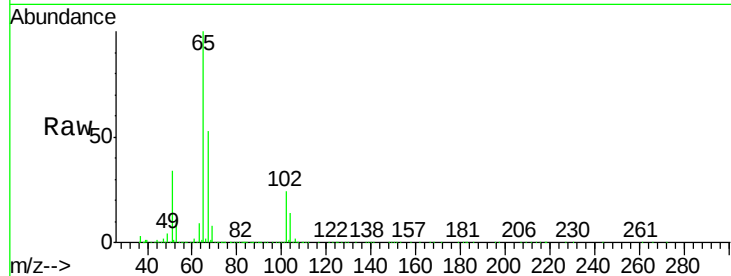




#33
 1,2-Dichloroethane-d4
 Concen: 43.870 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011778.D
 Acq: 22 Aug 2019 21:37

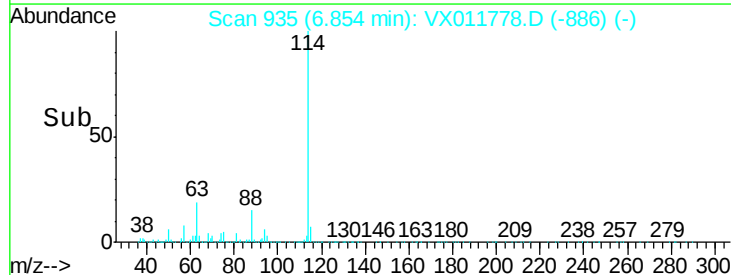
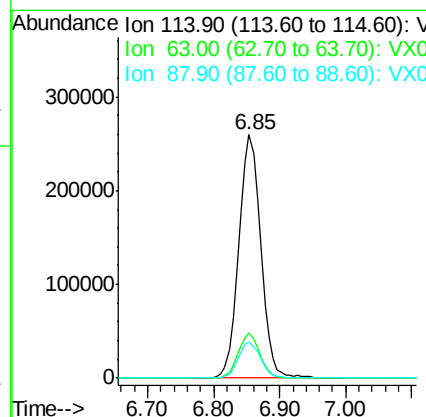
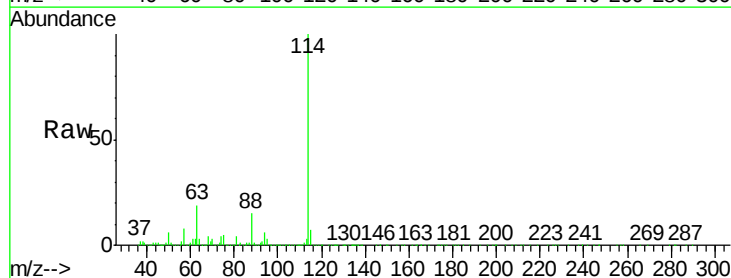
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H4-(0)

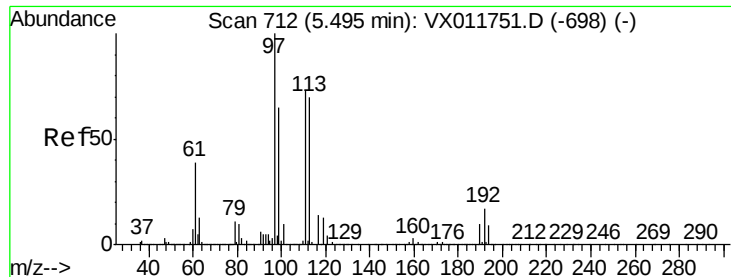
Tot Ion: 65 Resp: 198960
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011778.D
 Acq: 22 Aug 2019 21:37

Tgt Ion: 114 Resp: 600573
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.377 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011778.D

Acq: 22 Aug 2019 21:37

Instrument :

MSVOA_X

ClientSampleId :

T1-H4-(0)

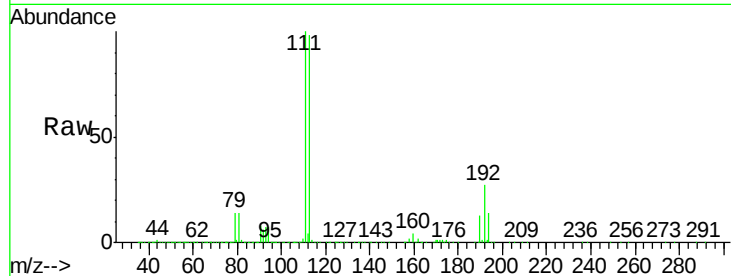
Tot Ion:113 Resp: 180106

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.4

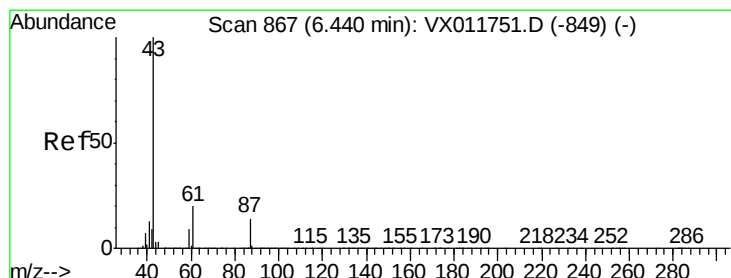
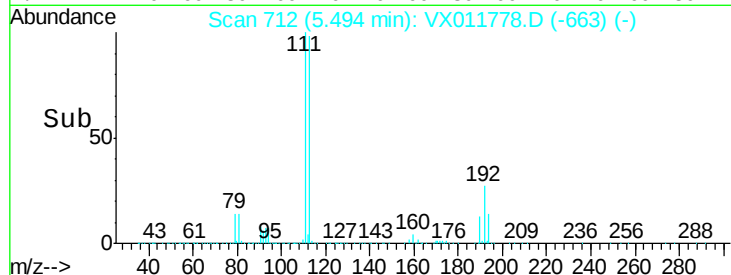
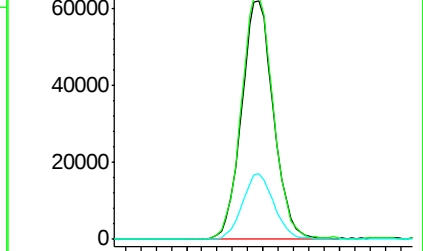
192 27.2 19.9 29.9



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



#43

Isopropyl Acetate

Concen: 7.783 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011778.D

Acq: 22 Aug 2019 21:37

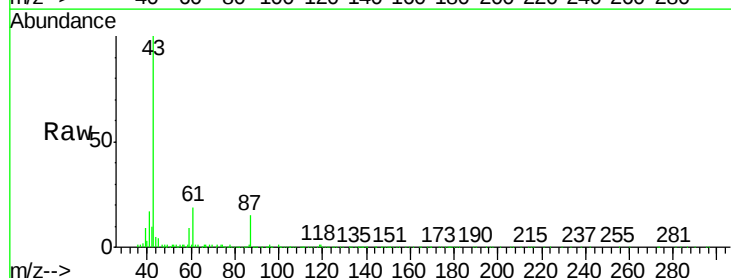
Tgt Ion: 43 Resp: 62784

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.2

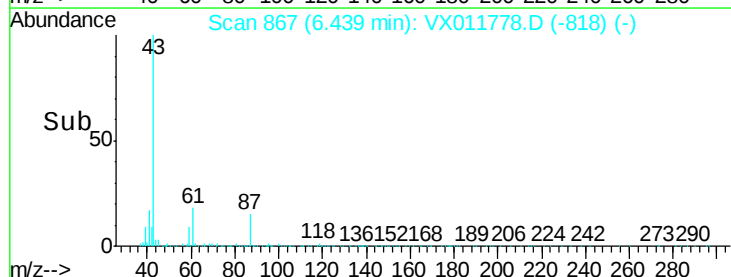
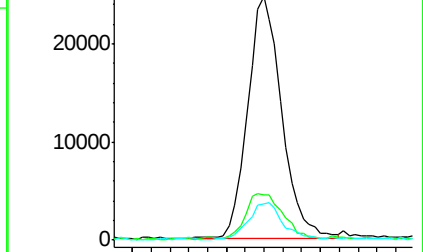
87 15.9 11.6 17.4

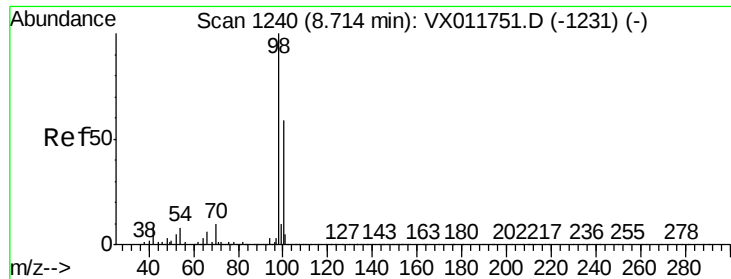


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

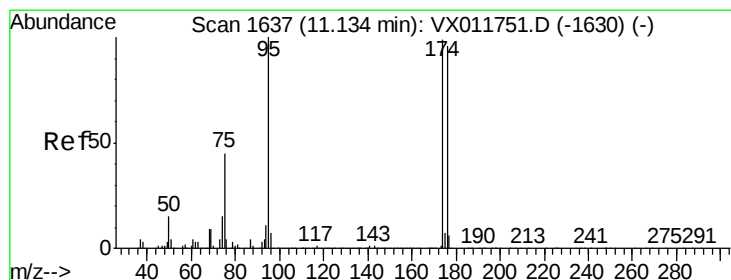
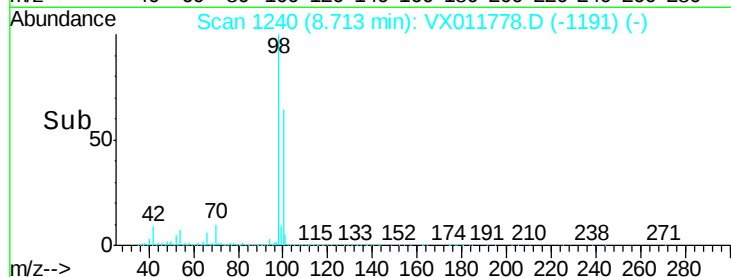
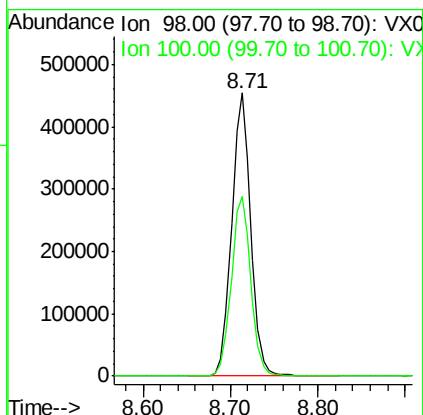
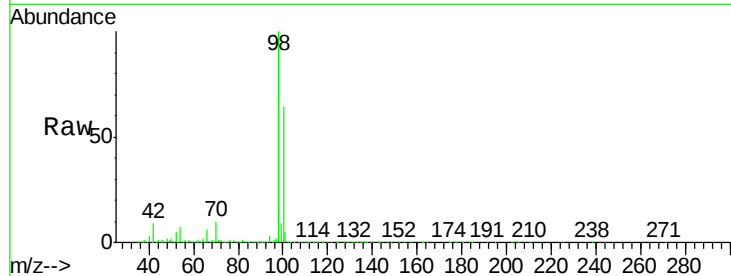




#50
Toluene-d8
Concen: 51.054 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011778.D
Acq: 22 Aug 2019 21:37

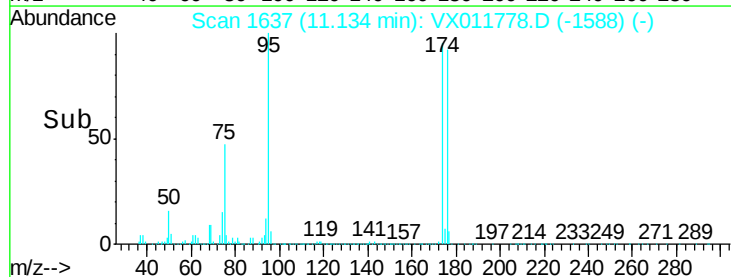
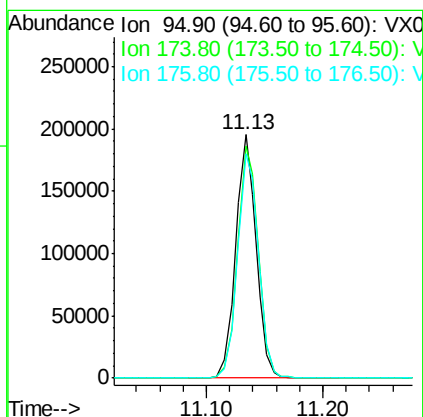
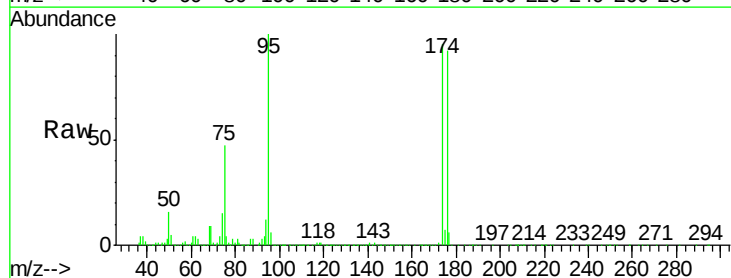
Instrument :
MSVOA_X
ClientSampleId :
T1-H4-(0)

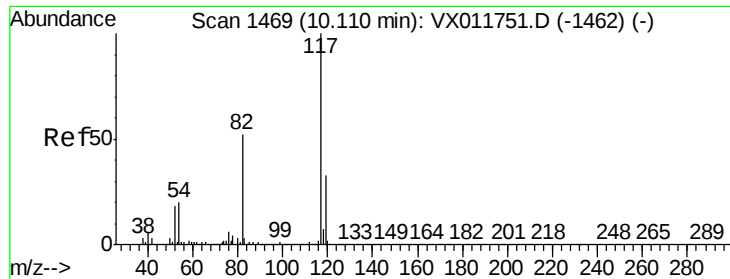
Tot Ion: 98 Resp: 691568
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.489 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011778.D
Acq: 22 Aug 2019 21:37

Tgt Ion: 95 Resp: 238201
Ion Ratio Lower Upper
95 100
174 97.4 0.0 197.4
176 94.9 0.0 194.4

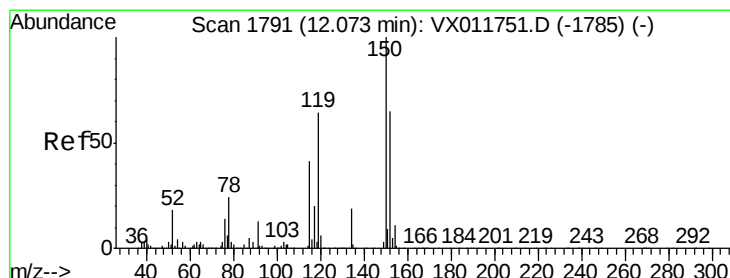
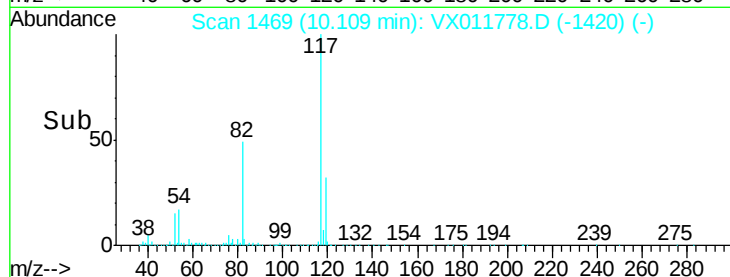
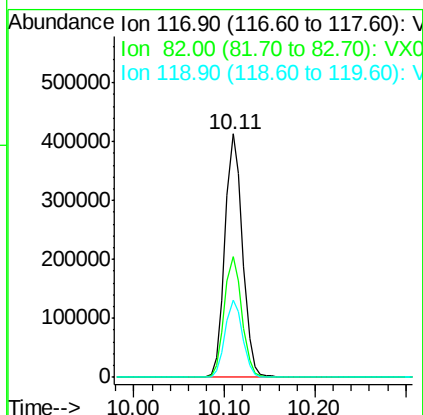
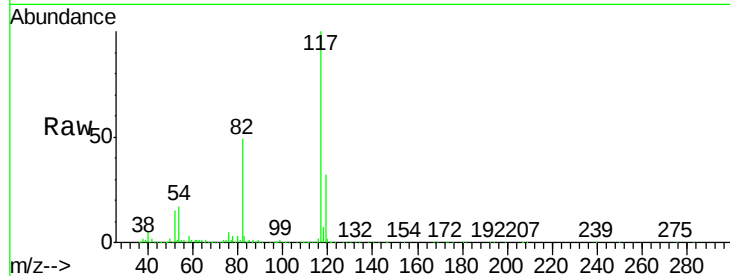




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011778.D
Acq: 22 Aug 2019 21:37

Instrument :
MSVOA_X
ClientSampled :
T1-H4-(0)

Tot Ion:117 Resp: 558604
Ion Ratio Lower Upper
117 100
82 49.4 41.7 62.5
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011778.D
Acq: 22 Aug 2019 21:37

Tgt Ion:152 Resp: 254120
Ion Ratio Lower Upper
152 100
115 54.2 37.3 111.8
150 158.7 0.0 343.0

