

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011777.D
 Acq On : 22 Aug 2019 21:13
 Operator : JC/SP
 Sample : K4403-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H3-(0)

Quant Time: Aug 23 03:44:52 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

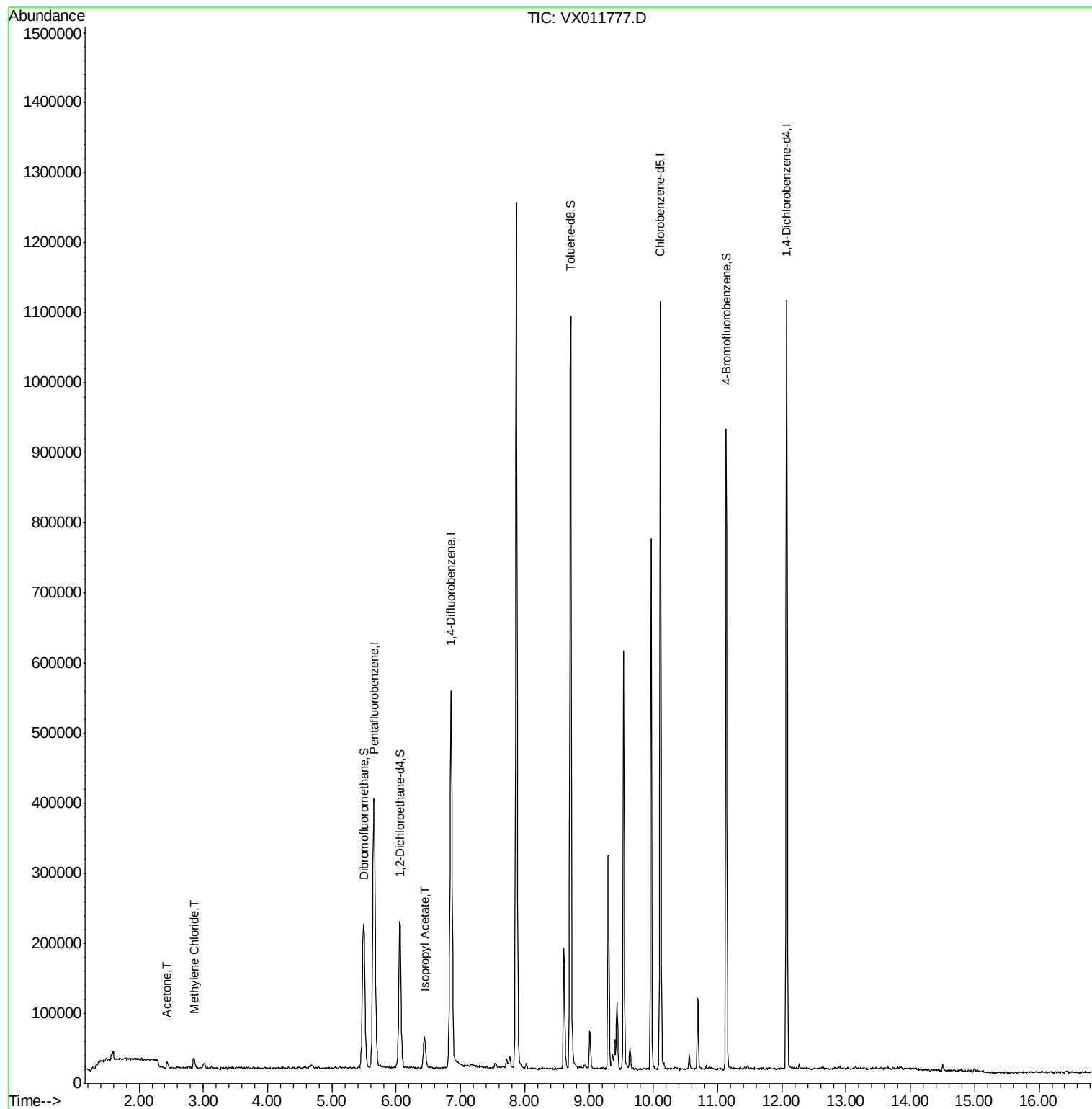
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	410448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	575037	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	519745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	210843	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	5.49	113	176177	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
50) Toluene-d8	8.71	98	661902	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	229382	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
16) Acetone	2.43	43	9009	5.023	ug/l	89
20) Methylene Chloride	2.85	84	8439	2.301	ug/l	95
43) Isopropyl Acetate	6.44	43	60045	7.774	ug/l	97

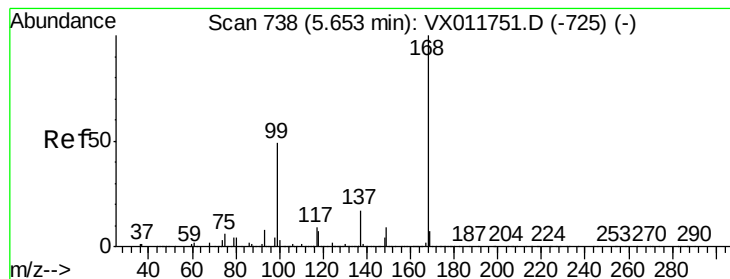
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011777.D

Acq: 22 Aug 2019 21:13

Instrument :

MSVOA_X

ClientSampleId :

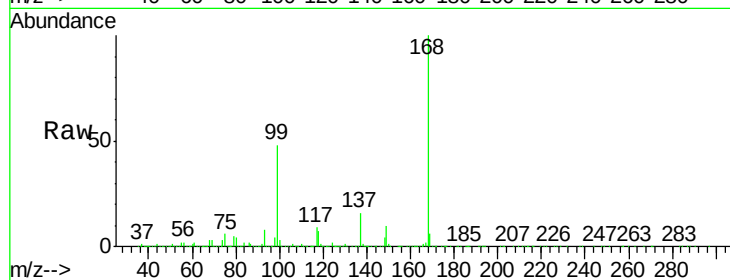
T1-H3-(0)

Tot Ion:168 Resp: 410448

Ion Ratio Lower Upper

168 100

99 48.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

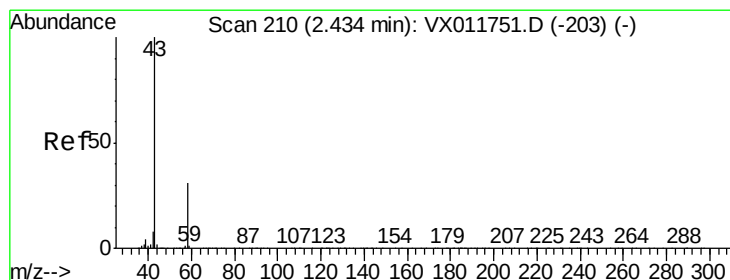
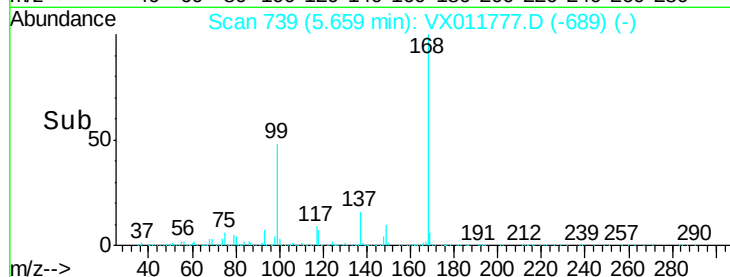
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.023 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011777.D

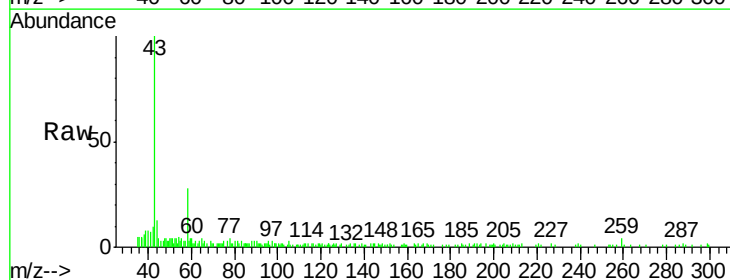
Acq: 22 Aug 2019 21:13

Tgt Ion: 43 Resp: 9009

Ion Ratio Lower Upper

43 100

58 24.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

3000

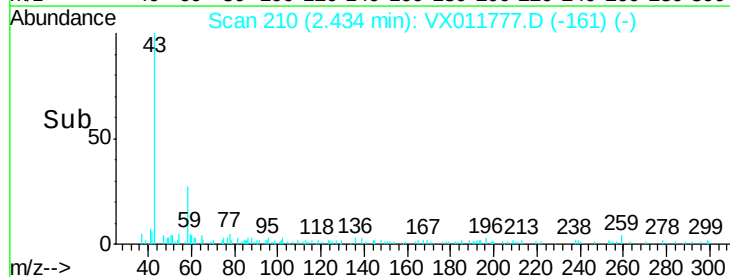
2000

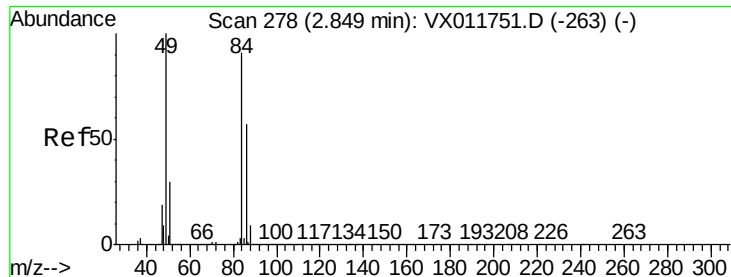
1000

0

Time-->

2.35 2.40 2.45 2.50

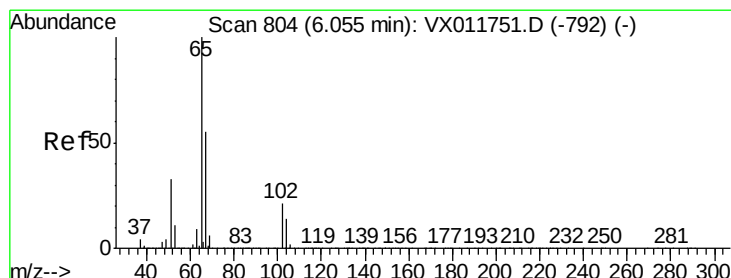
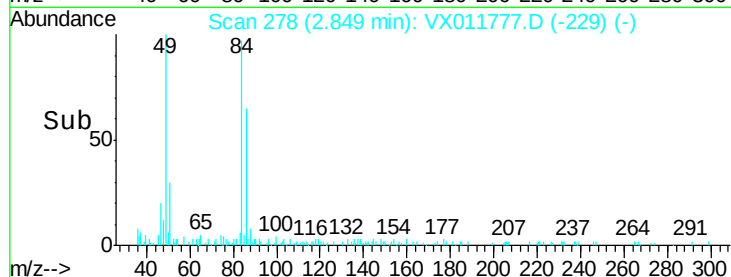
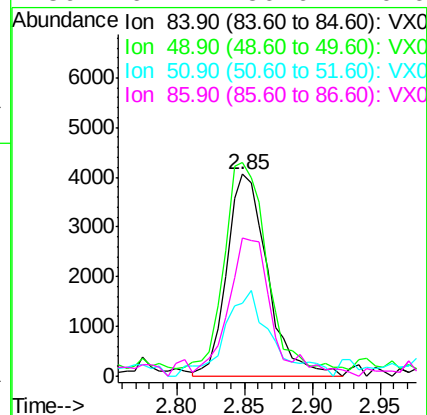
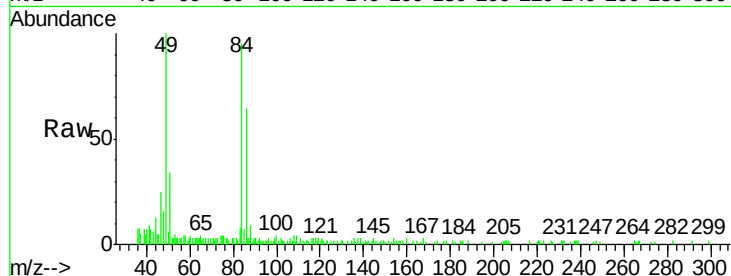




#20
Methylene Chloride
Concen: 2.301 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011777.D
Acq: 22 Aug 2019 21:13

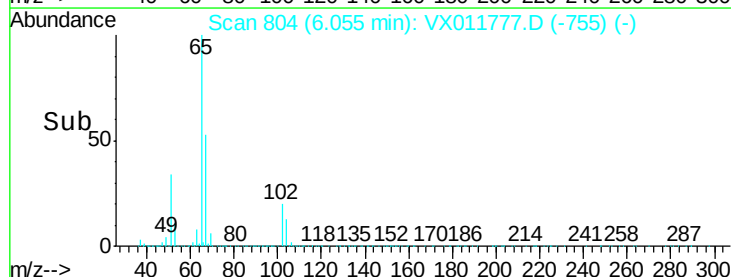
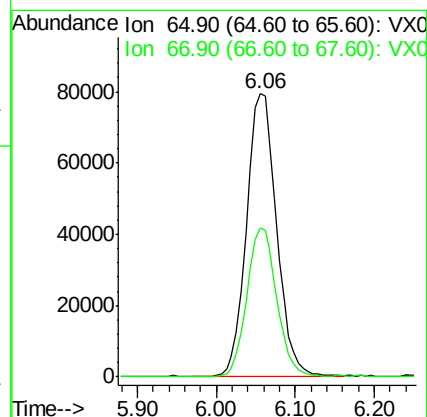
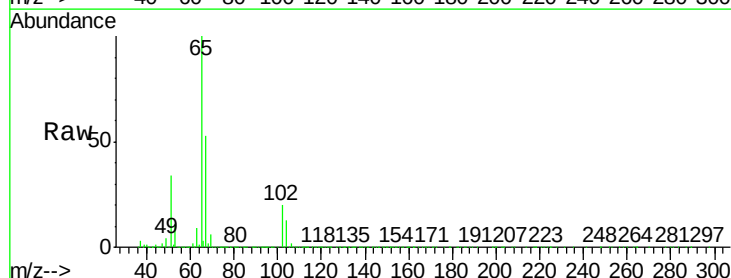
Instrument :
MSVOA_X
ClientSampleId :
T1-H3-(0)

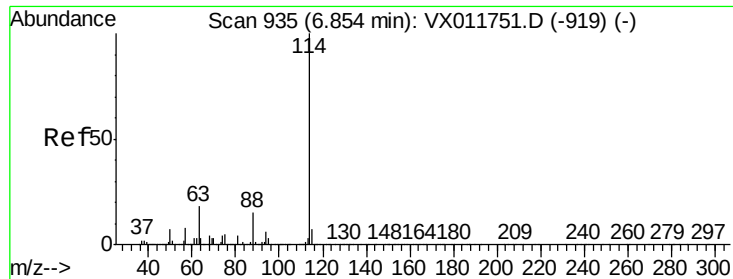
Tot Ion:	84	Resp:	8439
Ion	Ratio	Lower	Upper
84	100		
49	103.3	88.3	132.5
51	32.0	26.2	39.2
86	67.4	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 51.136 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011777.D
Acq: 22 Aug 2019 21:13

Tgt Ion:	65	Resp:	210843
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	107.8

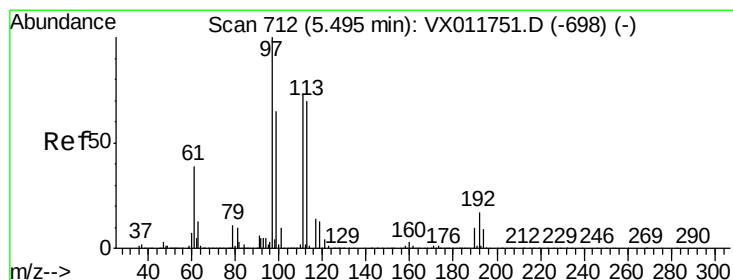
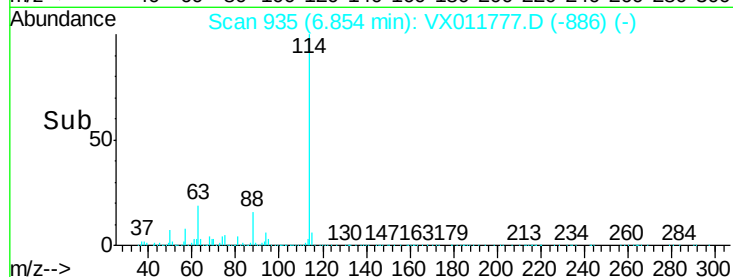
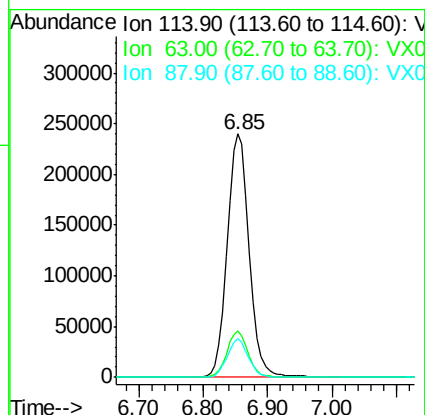
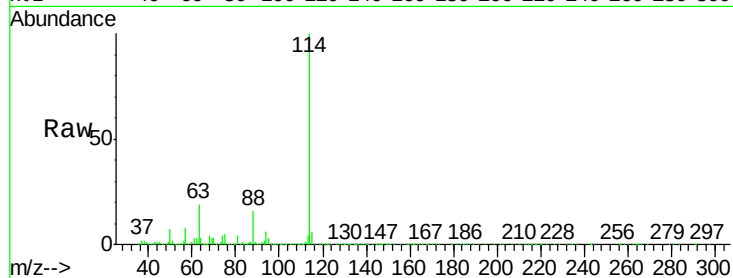




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011777.D
 Acq: 22 Aug 2019 21:13

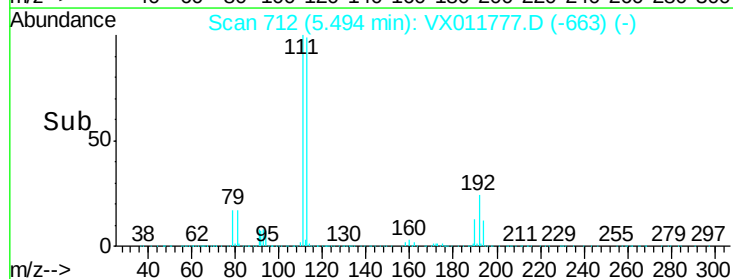
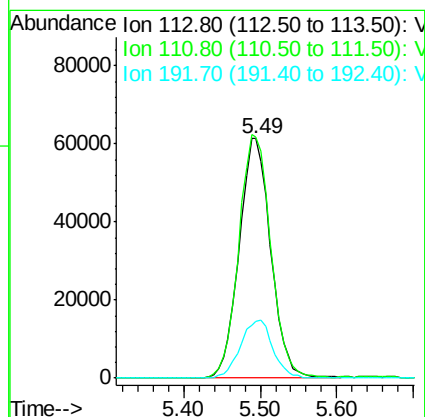
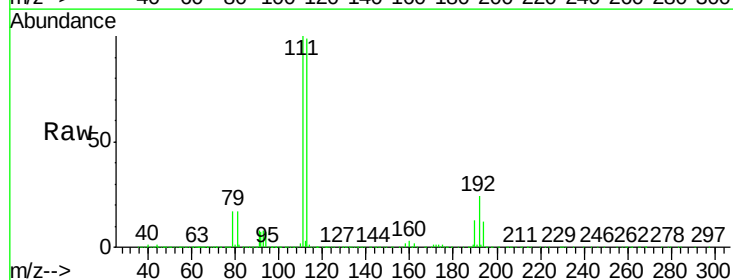
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-H3-(0)

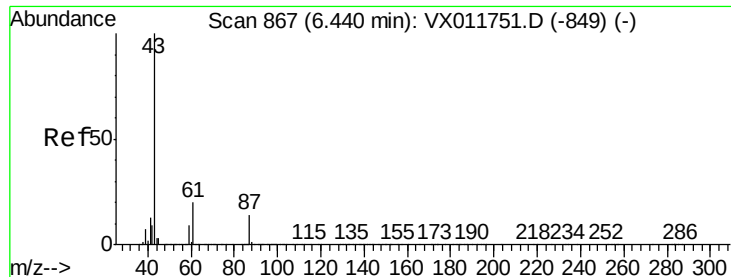
Tot Ion:	114	Resp:	575037
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.8
88	15.6	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.380 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011777.D
 Acq: 22 Aug 2019 21:13

Tgt Ion:	113	Resp:	176177
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.4
192	24.8	19.9	29.9





#43

Isopropyl Acetate

Concen: 7.774 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011777.D

Acq: 22 Aug 2019 21:13

Instrument :

MSVOA_X

ClientSampleId :

T1-H3-(0)

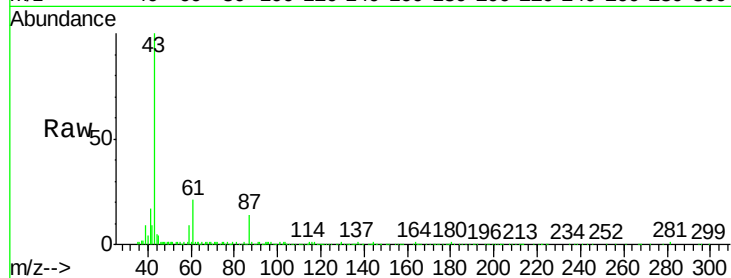
Tot Ion: 43 Resp: 60045

Ion Ratio Lower Upper

43 100

61 22.5 16.2 24.2

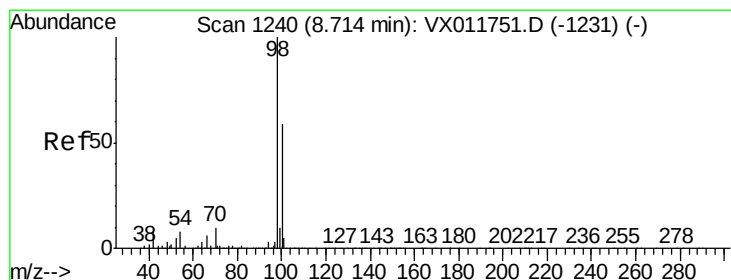
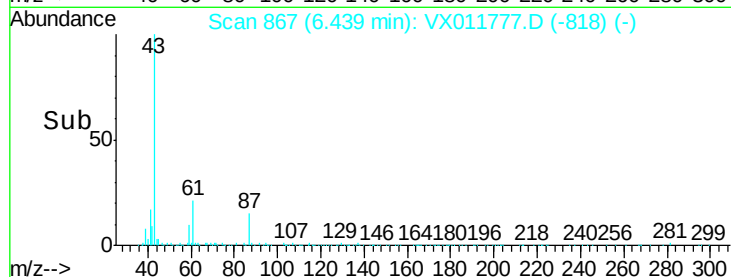
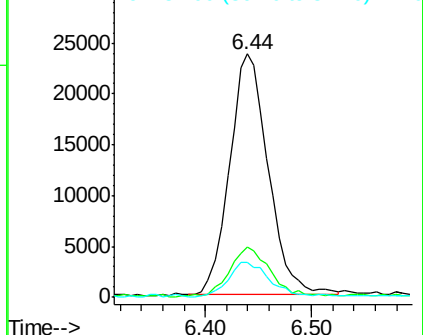
87 14.8 11.6 17.4



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: 51.034 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011777.D

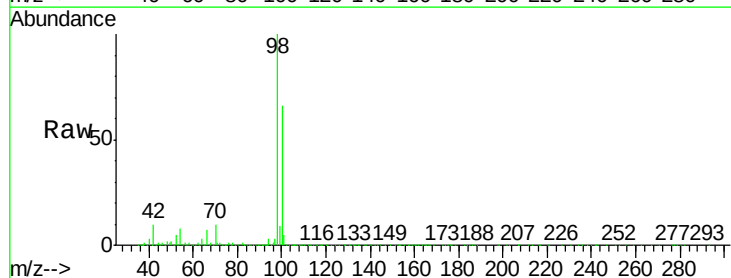
Acq: 22 Aug 2019 21:13

Tgt Ion: 98 Resp: 661902

Ion Ratio Lower Upper

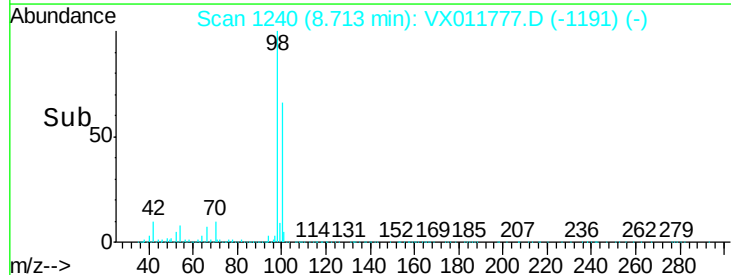
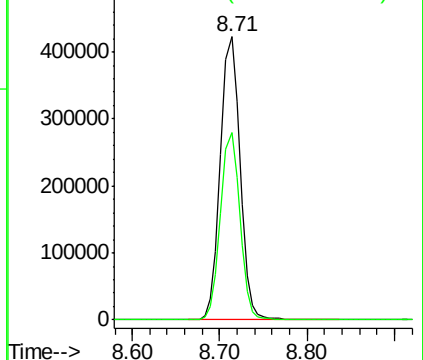
98 100

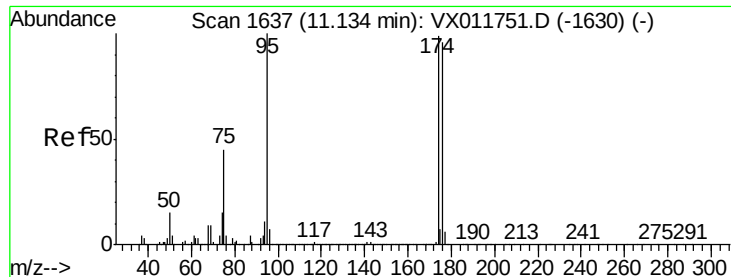
100 65.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

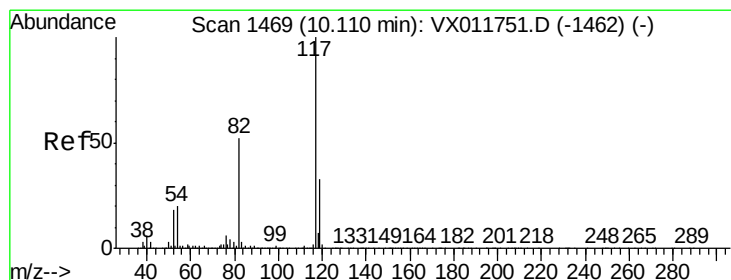
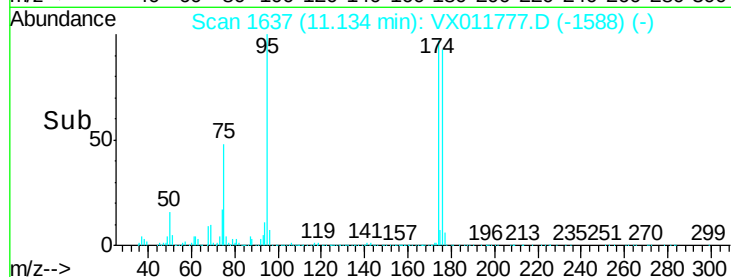
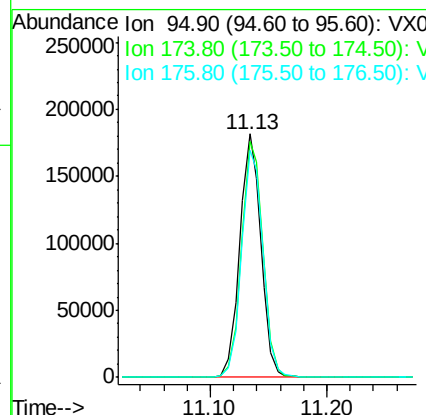
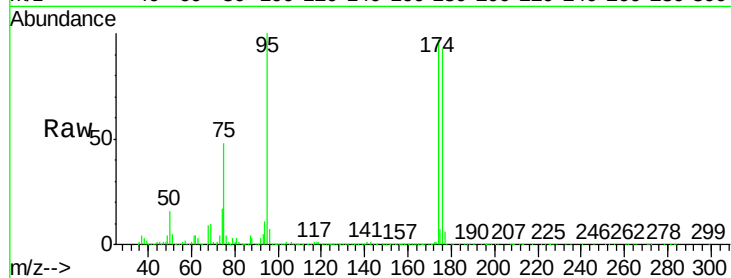




#62
4-Bromofluorobenzene
Concen: 44.744 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011777.D
Acq: 22 Aug 2019 21:13

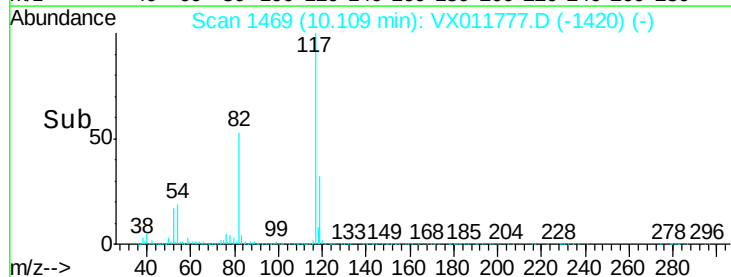
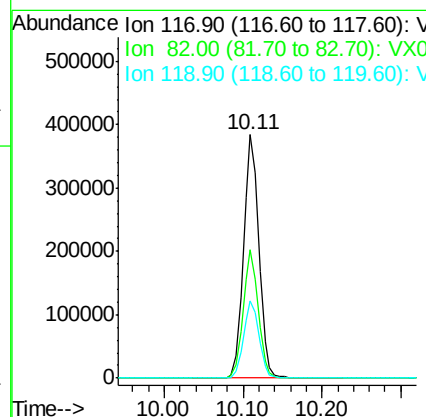
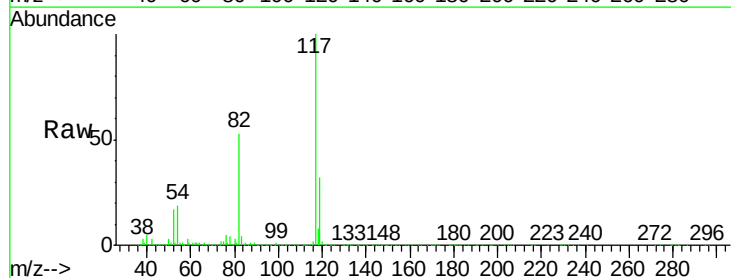
Instrument :
MSVOA_X
ClientSampleId :
T1-H3-(0)

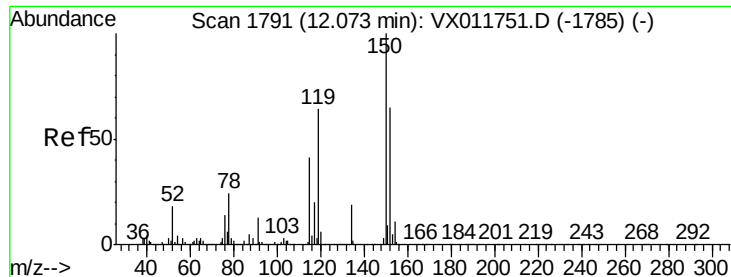
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	197.4
176	94.3	0.0	194.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011777.D
Acq: 22 Aug 2019 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.7	62.5
119	31.8	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: VX011777.D

Acq: 22 Aug 2019 21:13

Instrument :

MSVOA_X

ClientSampleId :

T1-H3-(0)

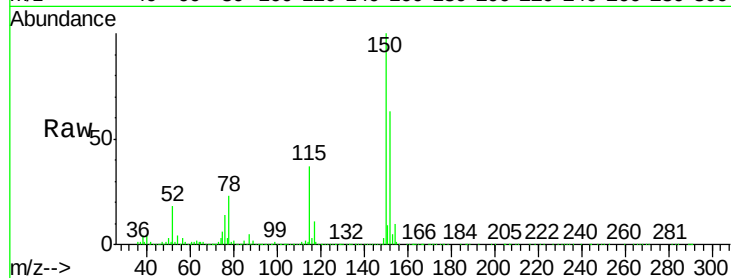
Tot Ion:152 Resp: 246570

Ion Ratio Lower Upper

152 100

115 54.6 37.3 111.8

150 156.7 0.0 343.0



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

