

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011464.D
 Acq On : 12 Aug 2019 05:04
 Operator : JC/SP
 Sample : K4085-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-C

Quant Time: Aug 12 09:22:56 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

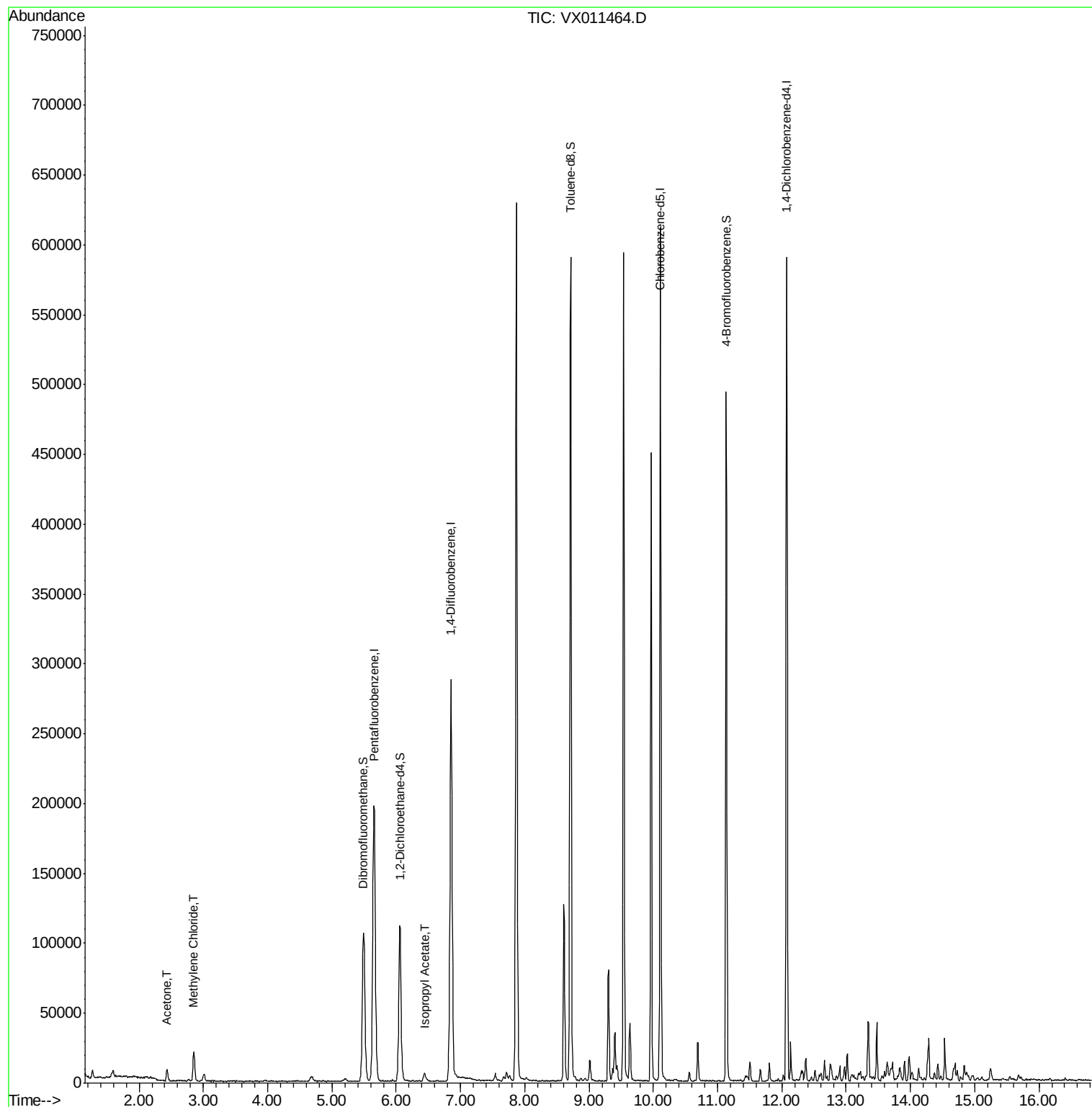
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	194718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106926	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
35) Dibromofluoromethane	5.49	113	88236	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	8.71	98	351430	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	11.13	95	118057	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	2.43	43	8673	9.292	ug/l	100
20) Methylene Chloride	2.85	84	9865	4.826	ug/l	95
43) Isopropyl Acetate	6.44	43	8346	2.045	ug/l	98

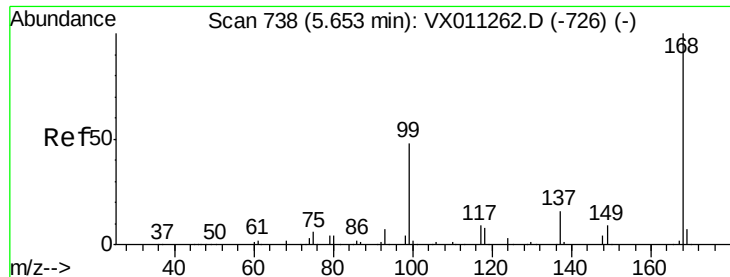
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011464.D

Acq: 12 Aug 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

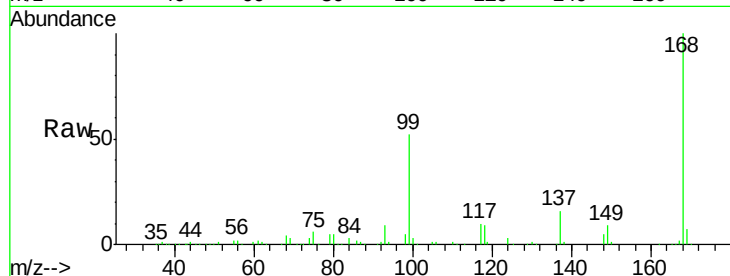
HR-05-080919-C

Tot Ion:168 Resp: 194718

Ion Ratio Lower Upper

168 100

99 51.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

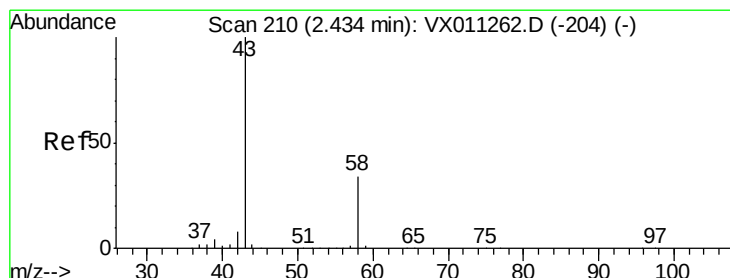
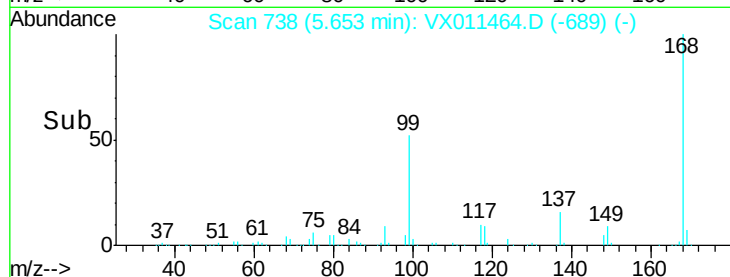
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.292 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011464.D

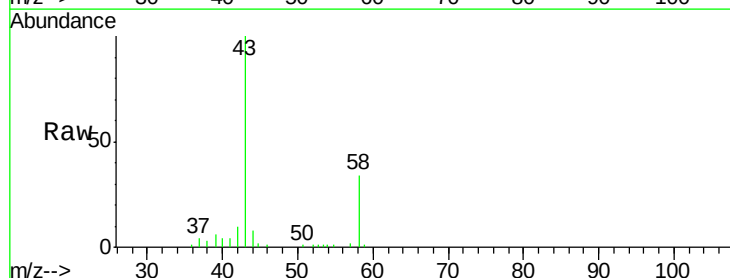
Acq: 12 Aug 2019 05:04

Tgt Ion: 43 Resp: 8673

Ion Ratio Lower Upper

43 100

58 34.4 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

6000

5000

4000

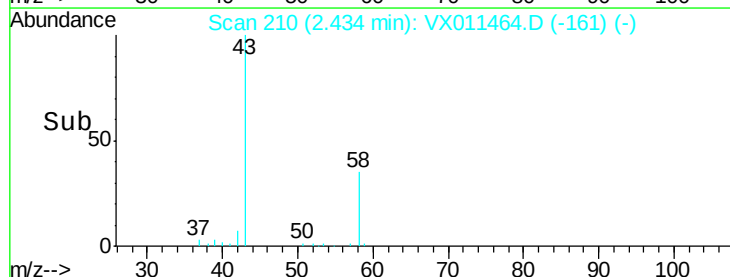
3000

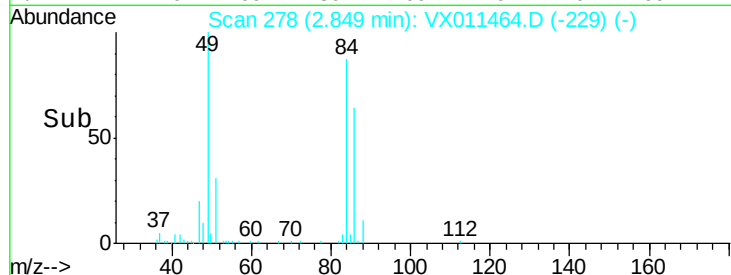
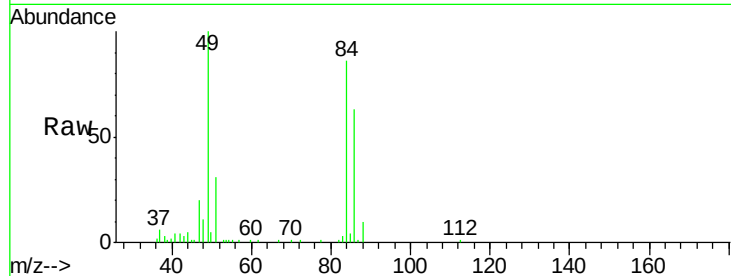
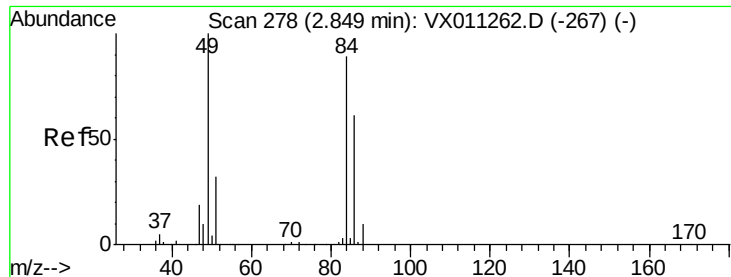
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

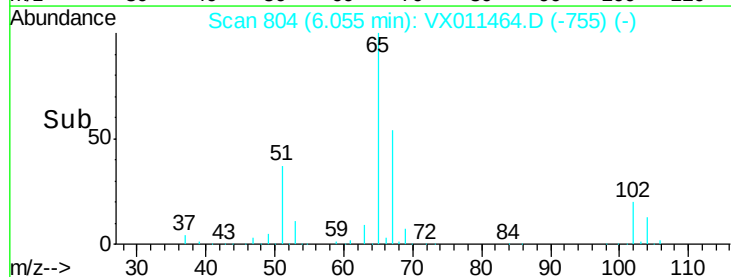
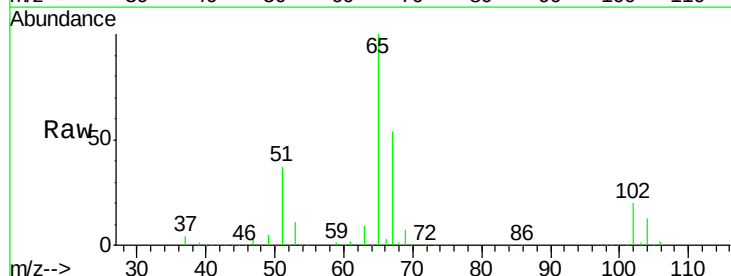
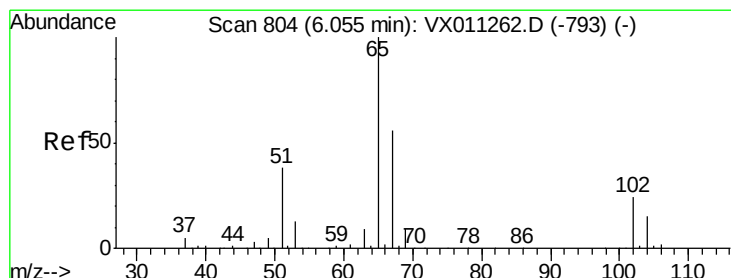
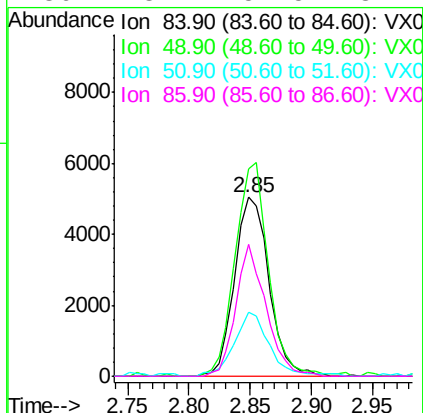




#20
Methylene Chloride
Concen: 4.826 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011464.D
Acq: 12 Aug 2019 05:04

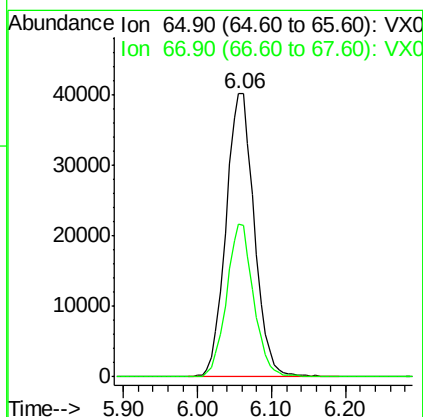
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-C

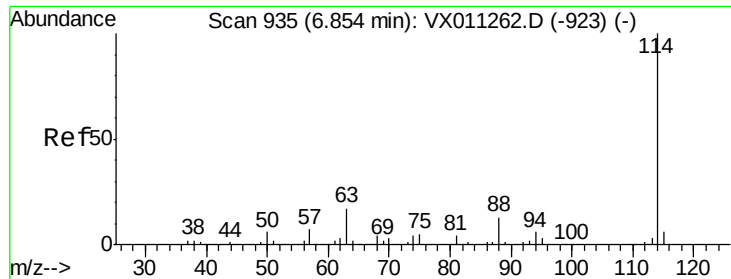
Tot Ion: 84 Resp: 9865
Ion Ratio Lower Upper
84 100
49 116.3 89.3 133.9
51 35.5 28.3 42.5
86 73.7 54.5 81.7



#33
1,2-Dichloroethane-d4
Concen: 54.529 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011464.D
Acq: 12 Aug 2019 05:04

Tgt Ion: 65 Resp: 106926
Ion Ratio Lower Upper
65 100
67 51.6 0.0 110.6

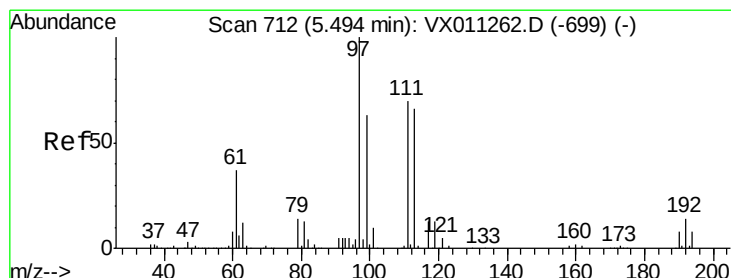
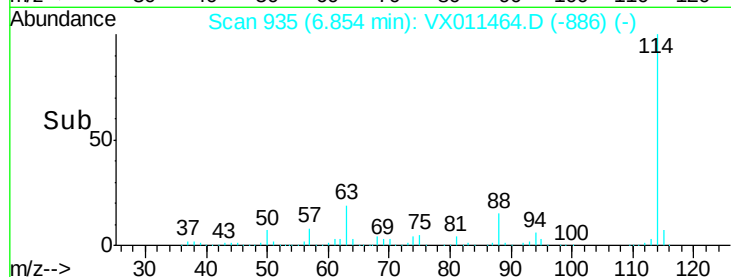
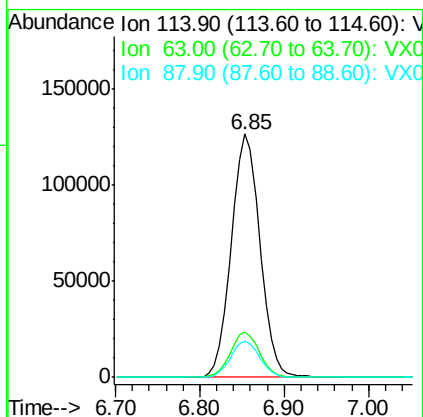
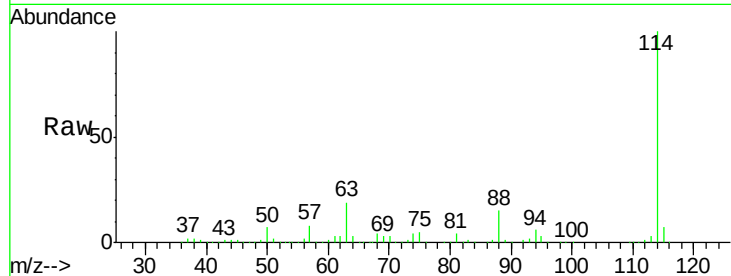




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011464.D
 Acq: 12 Aug 2019 05:04

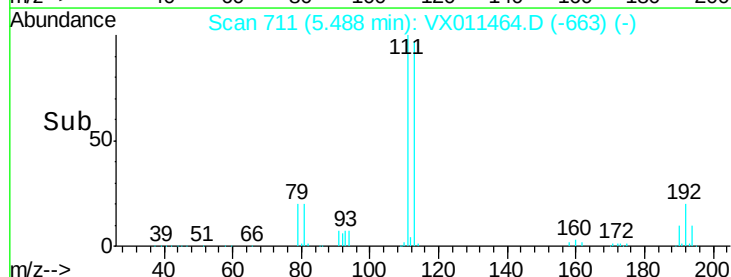
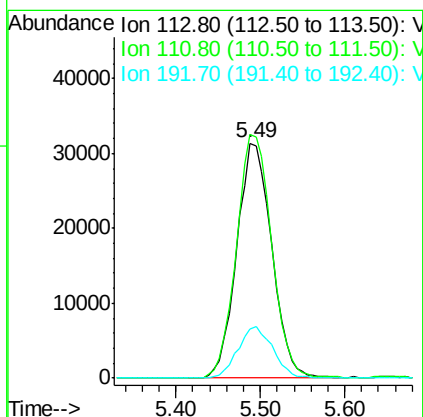
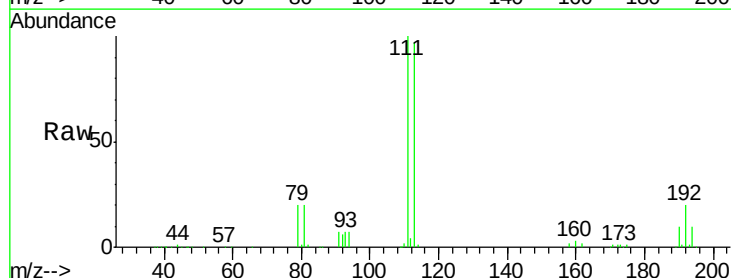
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-C

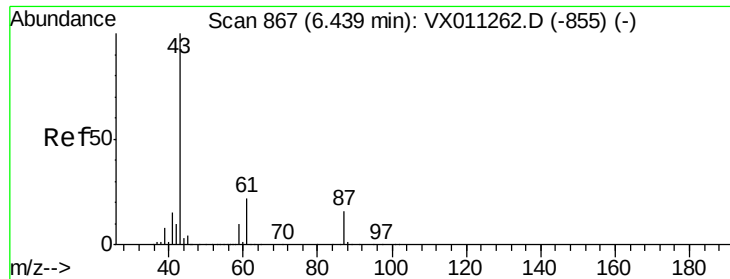
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	34.0
88	15.0	0.0	26.4



#35
 Dibromofluoromethane
 Concen: 46.361 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011464.D
 Acq: 12 Aug 2019 05:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	21.9	17.8	26.8





#43

Isopropyl Acetate

Concen: 2.045 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011464.D

Acq: 12 Aug 2019 05:04

Instrument :

MSVOA_X

ClientSampleId :

HR-05-080919-C

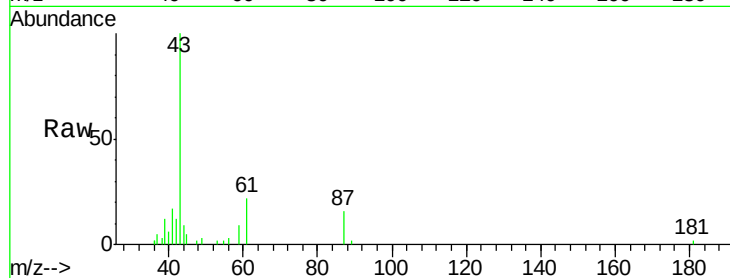
Tot Ion: 43 Resp: 8346

Ion Ratio Lower Upper

43 100

61 21.4 16.5 24.7

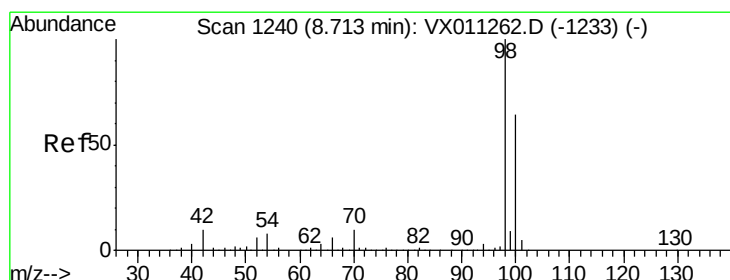
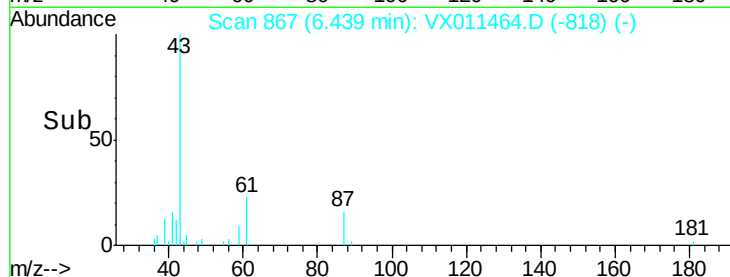
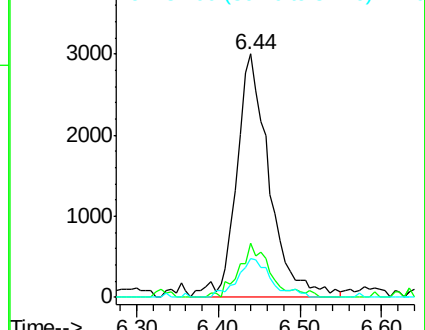
87 16.5 12.1 18.1



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: 48.917 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011464.D

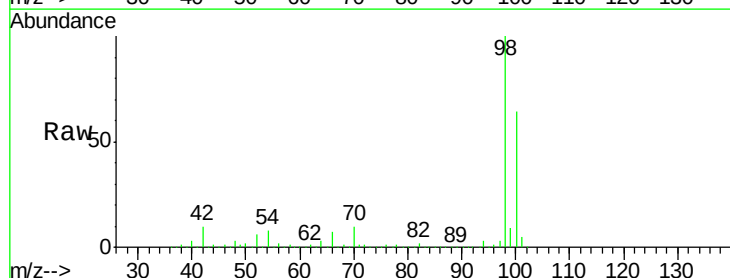
Acq: 12 Aug 2019 05:04

Tgt Ion: 98 Resp: 351430

Ion Ratio Lower Upper

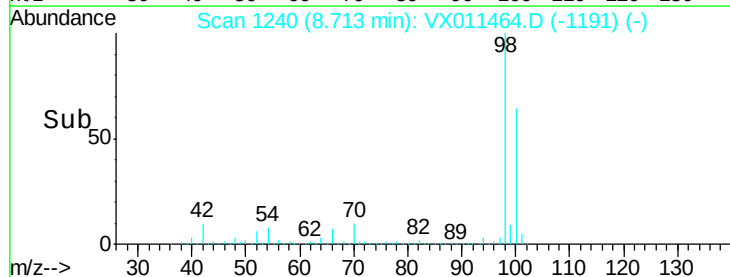
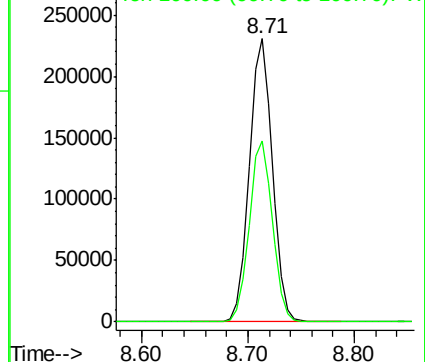
98 100

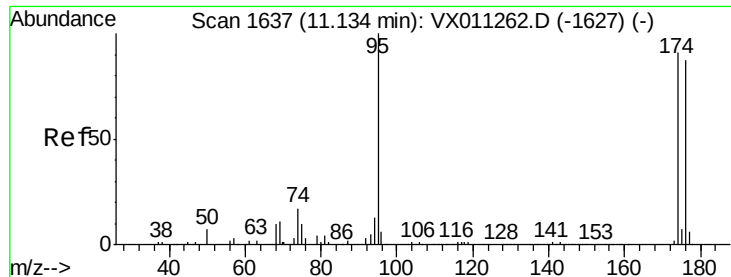
100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

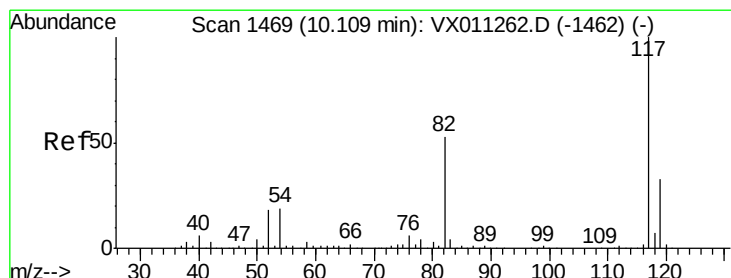
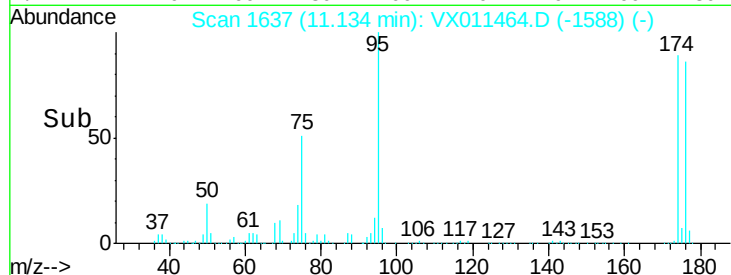
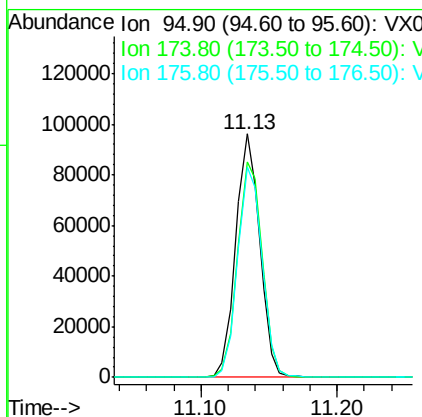
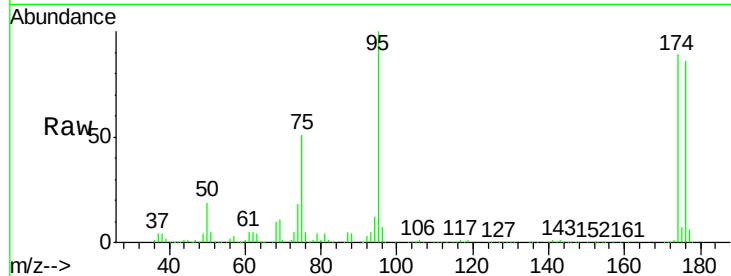




#62
4-Bromofluorobenzene
Concen: 46.027 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011464.D
Acq: 12 Aug 2019 05:04

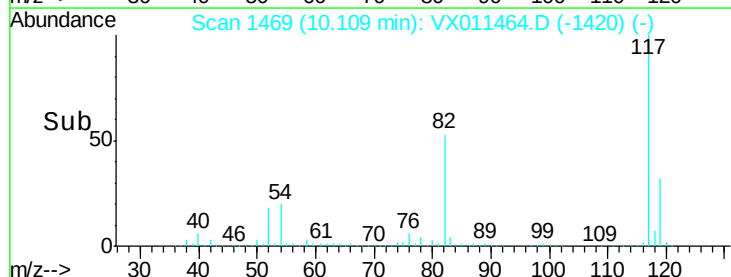
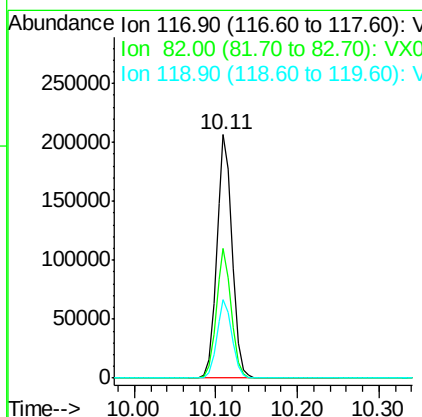
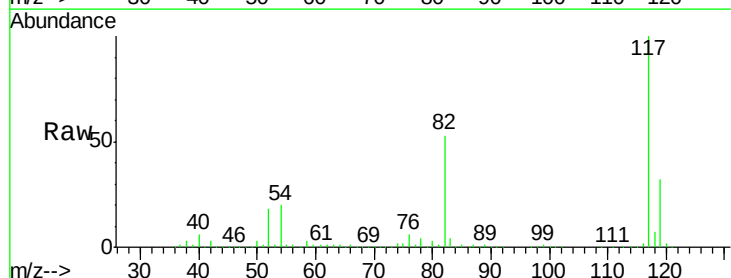
Instrument :
MSVOA_X
ClientSampleId :
HR-05-080919-C

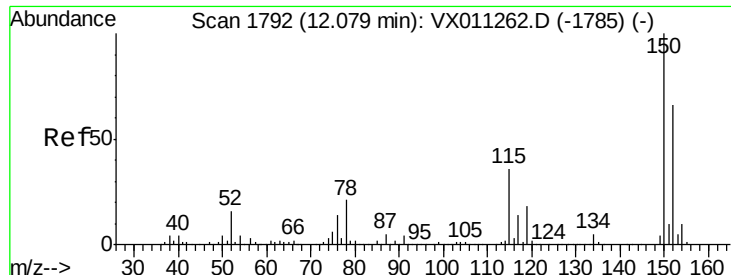
Tot Ion: 95 Resp: 118057
Ion Ratio Lower Upper
95 100
174 91.5 0.0 191.2
176 88.6 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011464.D
Acq: 12 Aug 2019 05:04

Tgt Ion: 117 Resp: 274261
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.2 26.6 39.8

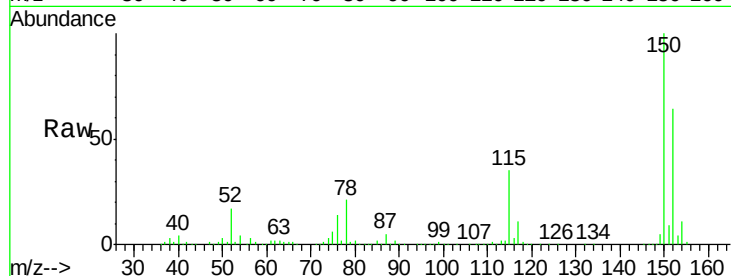




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011464.D
 Acq: 12 Aug 2019 05:04

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-080919-C

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	40.0	119.9
150	157.1	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

