

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011454.D
 Acq On : 12 Aug 2019 01:11
 Operator : JC/SP
 Sample : K4266-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R1-R2(A1-A4)-(4.3)

Quant Time: Aug 12 08:34:46 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

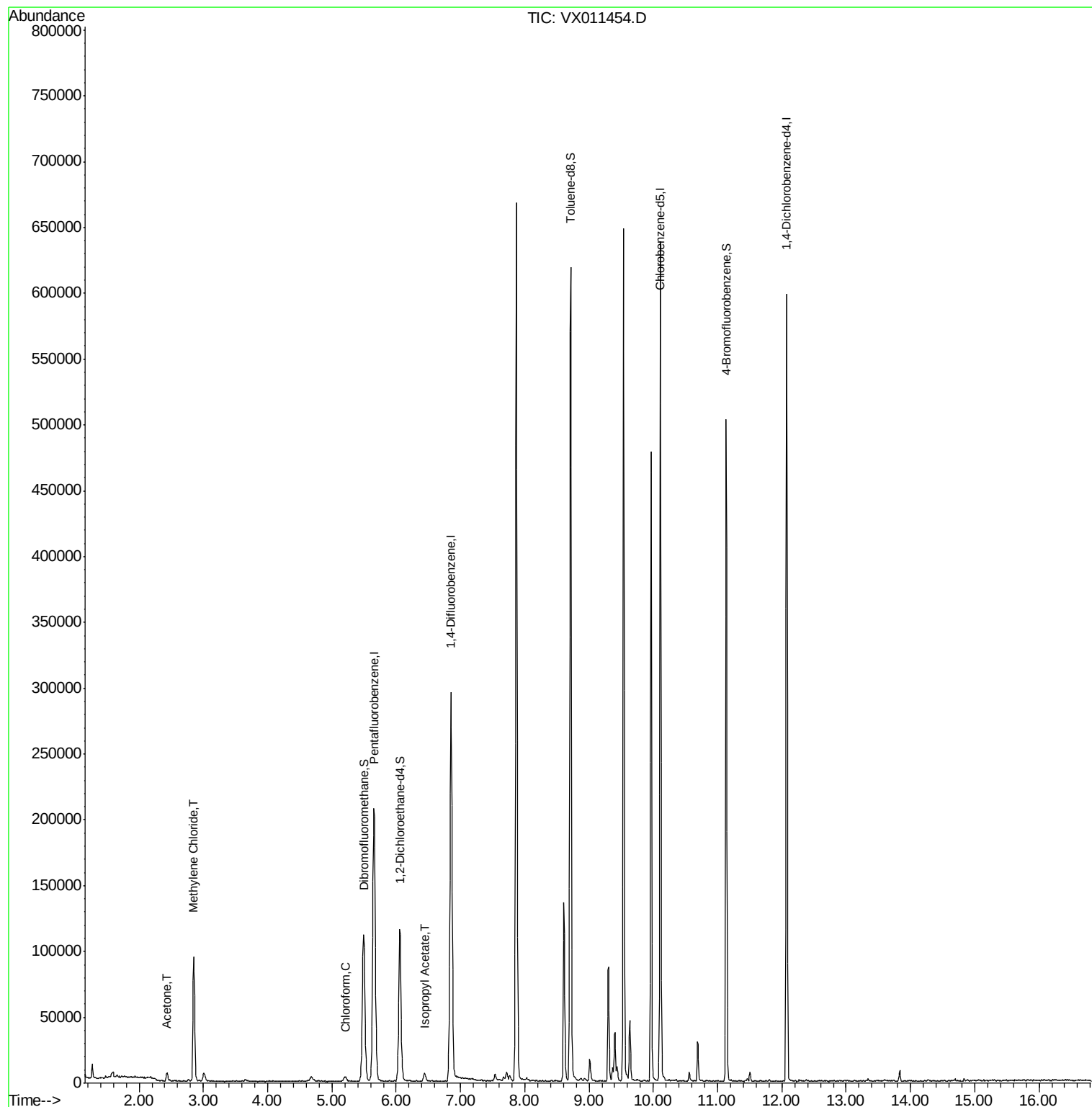
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	204257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	281604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110694	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	5.49	113	94411	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	8.71	98	367287	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	120593	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
Target Compounds						
16) Acetone	2.44	43	7239	7.394	ug/l	92
20) Methylene Chloride	2.85	84	44337	20.677	ug/l	98
30) Chloroform	5.21	83	3959	1.134	ug/l #	64
43) Isopropyl Acetate	6.44	43	8499	1.996	ug/l	99

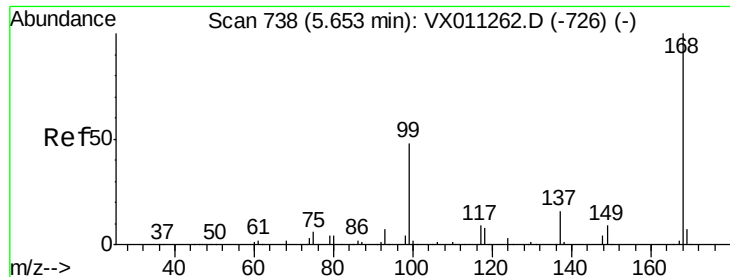
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

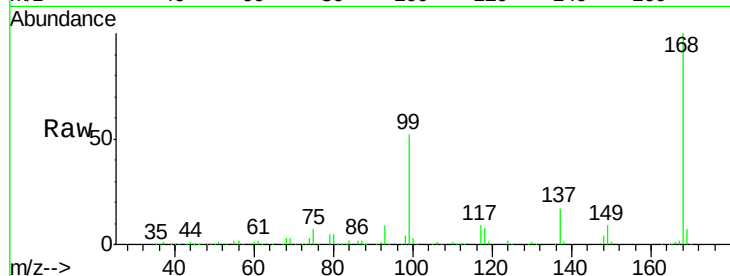
R1-R2(A1-A4)-(4.3)

Tot Ion:168 Resp: 204257

Ion Ratio Lower Upper

168 100

99 52.1 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

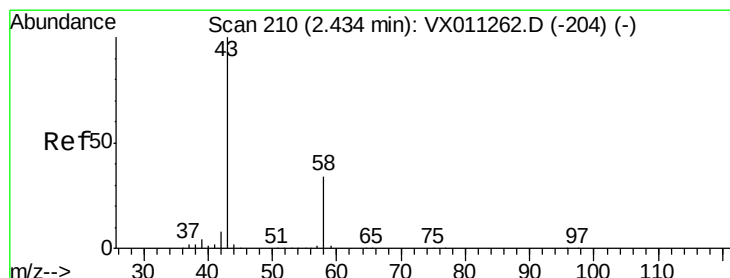
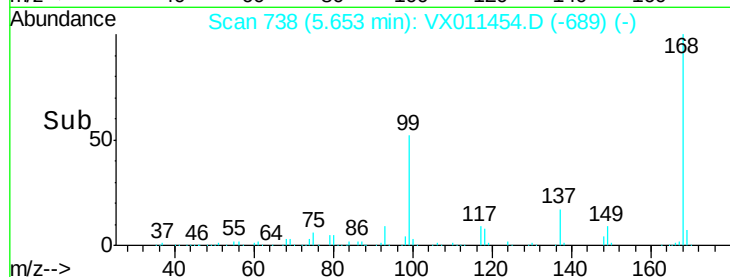
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.394 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX011454.D

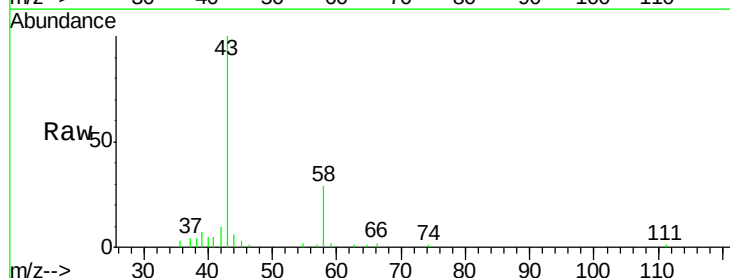
Acq: 12 Aug 2019 01:11

Tgt Ion: 43 Resp: 7239

Ion Ratio Lower Upper

43 100

58 29.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

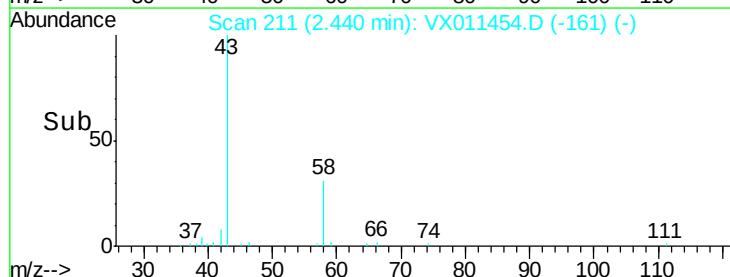
3000

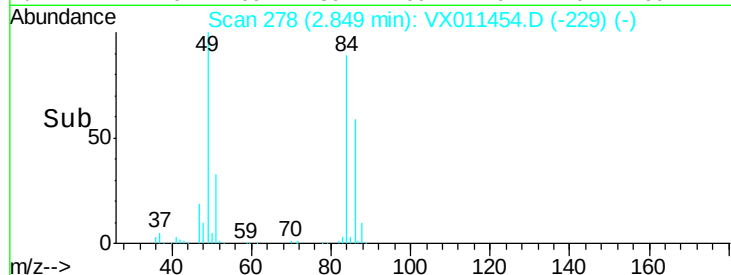
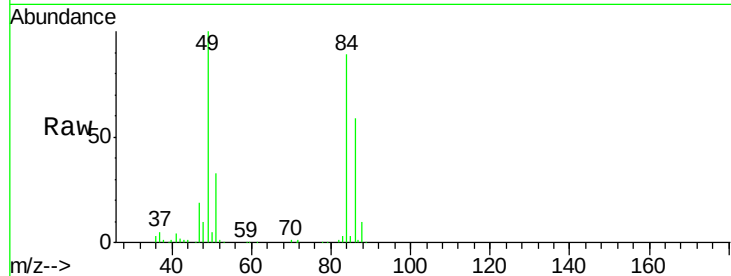
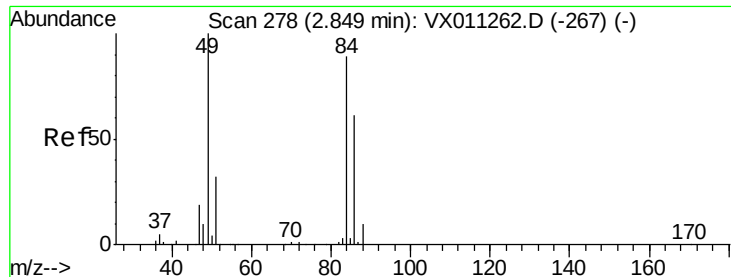
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

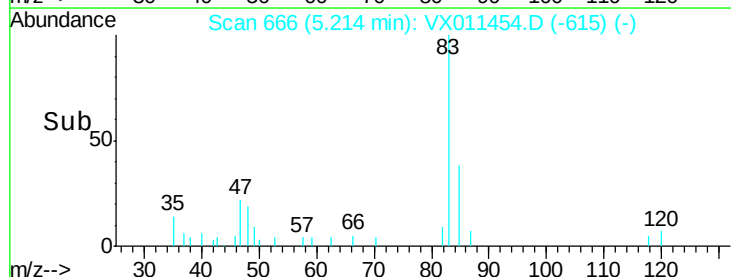
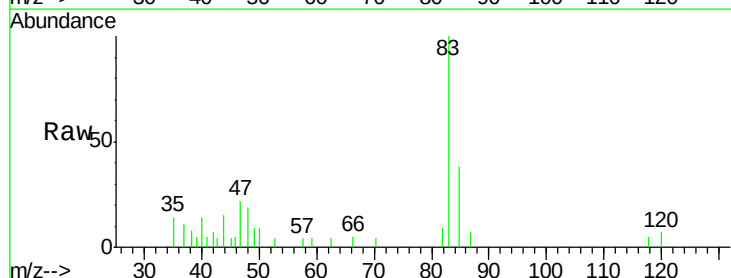
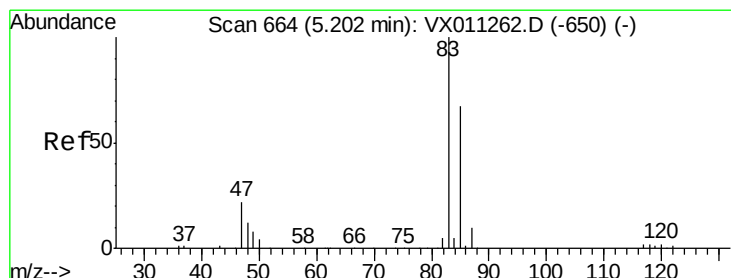
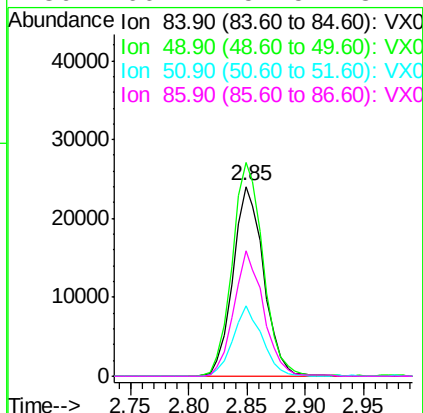




#20
Methylene Chloride
Concen: 20.677 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

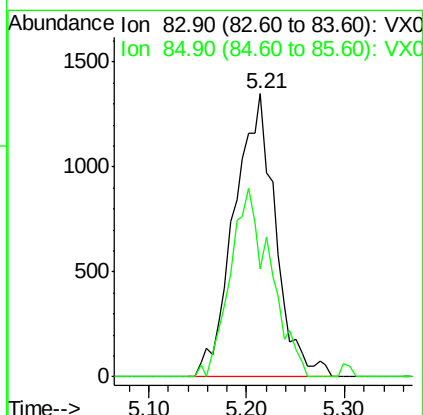
Instrument :
MSVOA_X
ClientSampleId :
R1-R2(A1-A4)-(4.3)

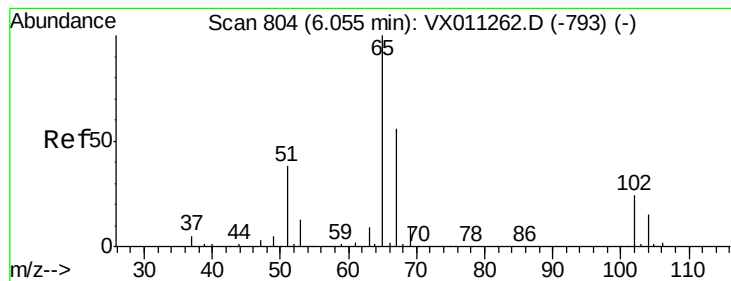
Tot Ion:	84	Resp:	44337
Ion	Ratio	Lower	Upper
84	100		
49	112.4	89.3	133.9
51	37.1	28.3	42.5
86	66.4	54.5	81.7



#30
Chloroform
Concen: 1.134 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

Tgt Ion:	83	Resp:	3959
Ion	Ratio	Lower	Upper
83	100		
85	38.3	53.4	80.0#





#33

1,2-Dichloroethane-d4

Concen: 53.814 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

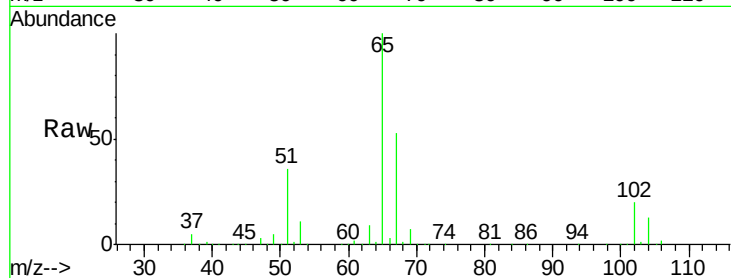
R1-R2(A1-A4)-(4.3)

Tot Ion: 65 Resp: 110694

Ion Ratio Lower Upper

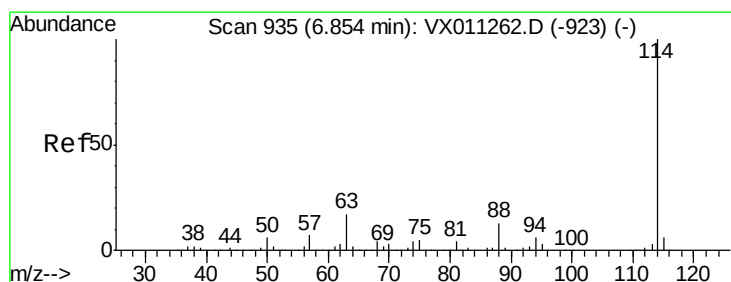
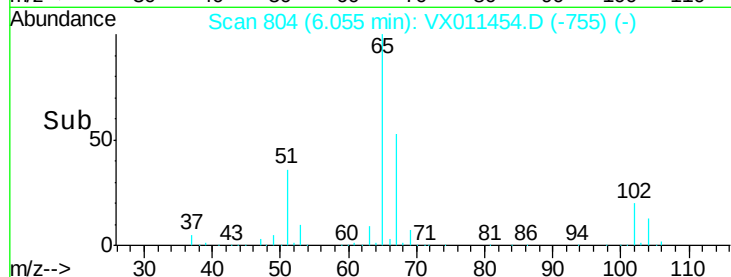
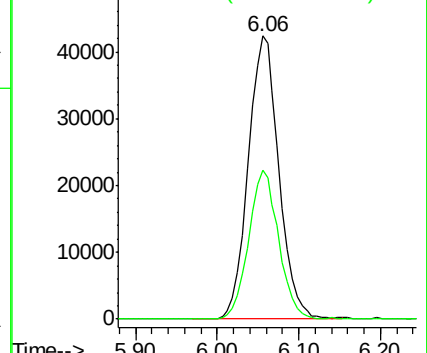
65 100

67 51.4 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: VX011454.D

Acq: 12 Aug 2019 01:11

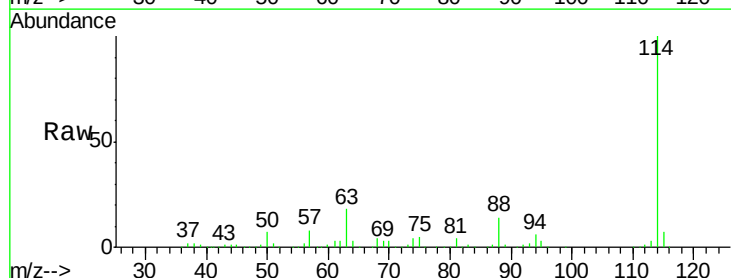
Tgt Ion: 114 Resp: 304101

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

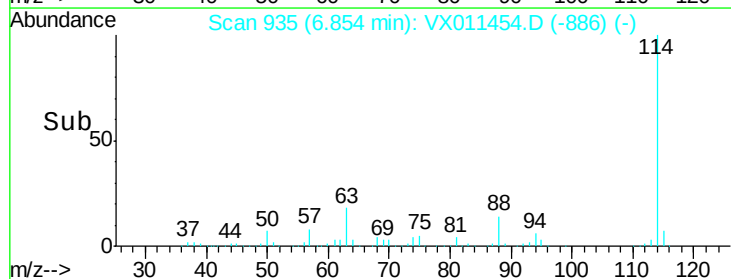
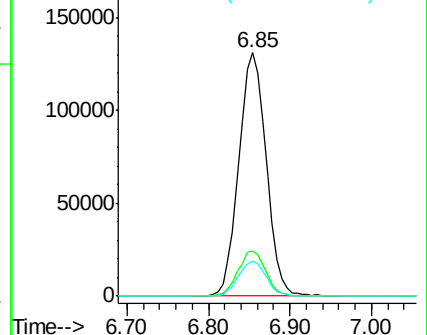
88 14.4 0.0 26.4

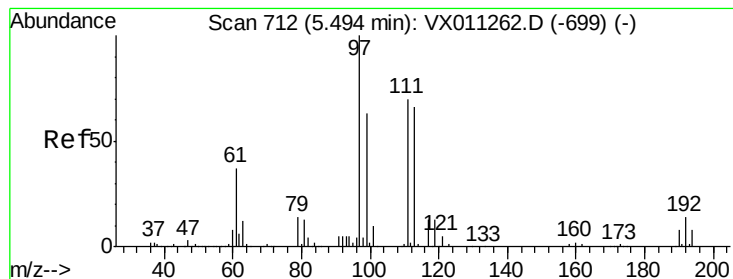


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.552 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

R1-R2(A1-A4)-(4.3)

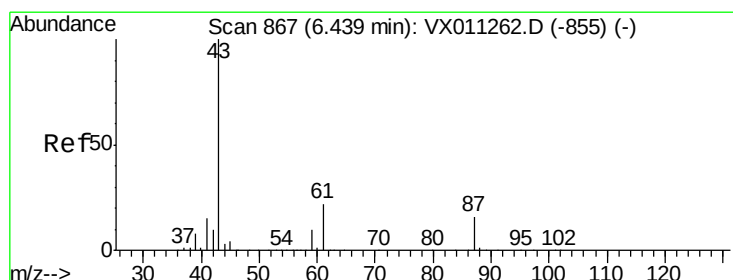
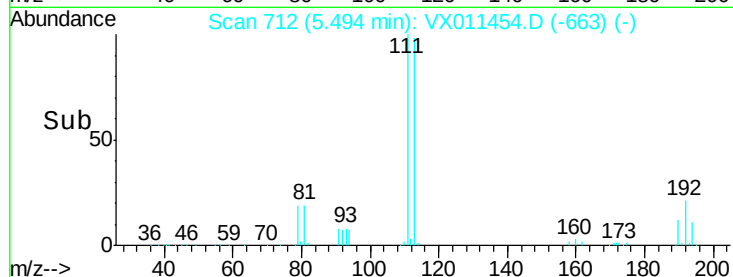
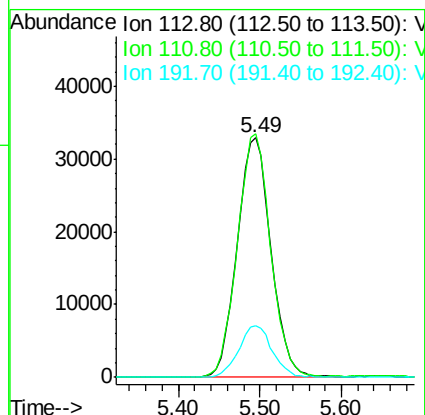
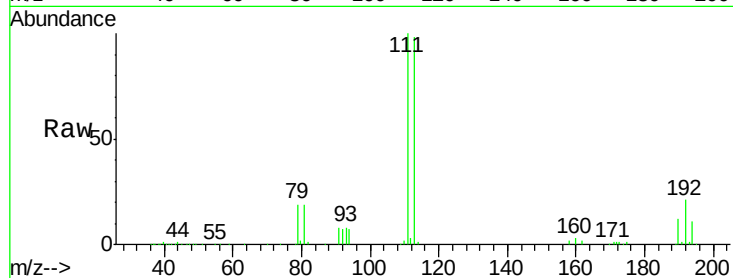
Tot Ion:113 Resp: 94411

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

192 21.4 17.8 26.8



#43

Isopropyl Acetate

Concen: 1.996 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

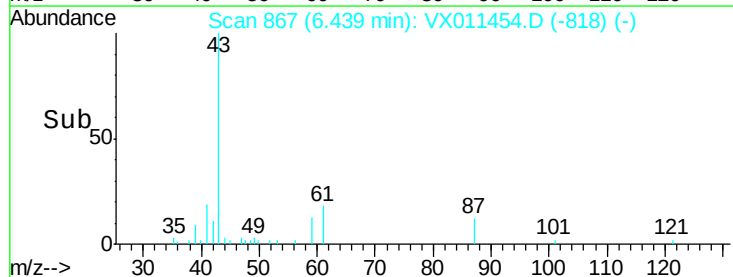
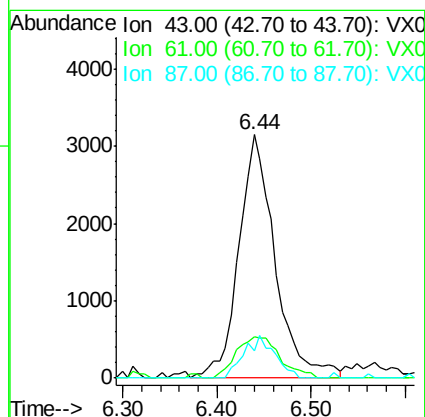
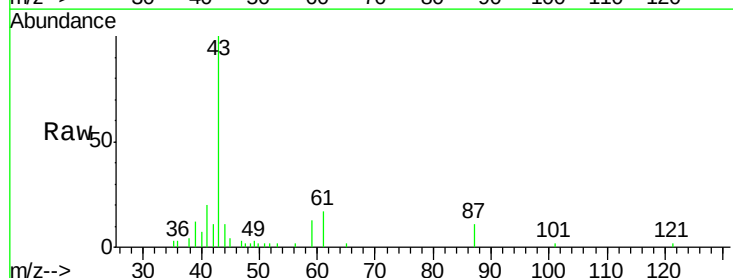
Tgt Ion: 43 Resp: 8499

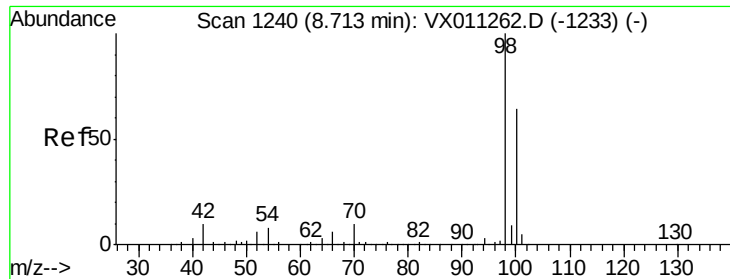
Ion Ratio Lower Upper

43 100

61 20.4 16.5 24.7

87 14.6 12.1 18.1





#50

Toluene-d8

Concen: 49.009 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

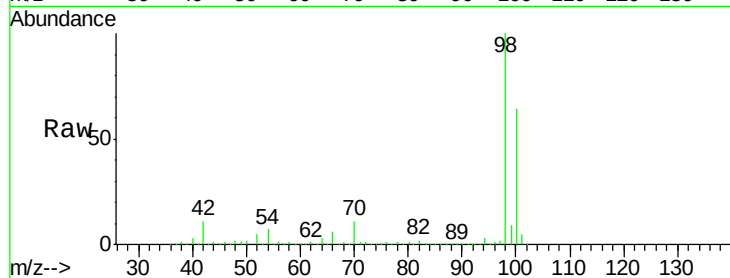
R1-R2(A1-A4)-(4.3)

Tot Ion: 98 Resp: 367287

Ion Ratio Lower Upper

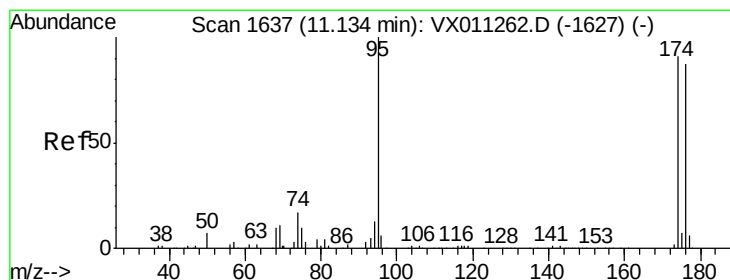
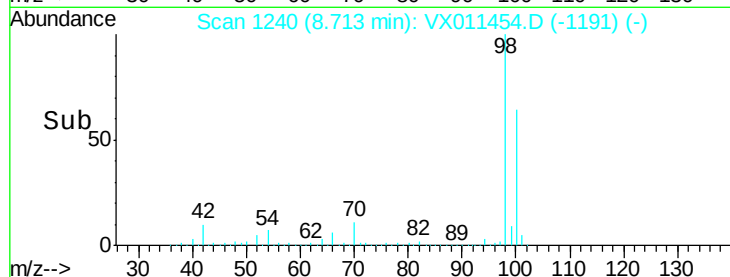
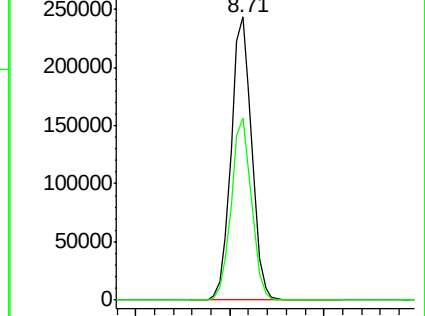
98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.070 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011454.D

Acq: 12 Aug 2019 01:11

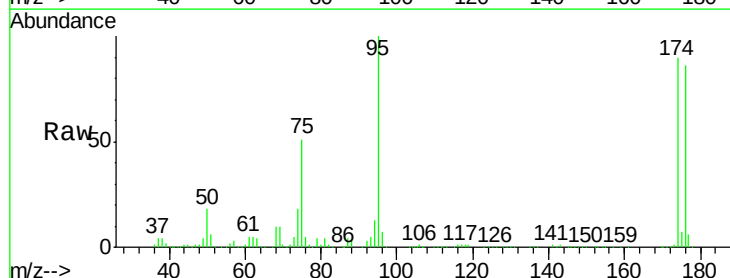
Tgt Ion: 95 Resp: 120593

Ion Ratio Lower Upper

95 100

174 90.7 0.0 191.2

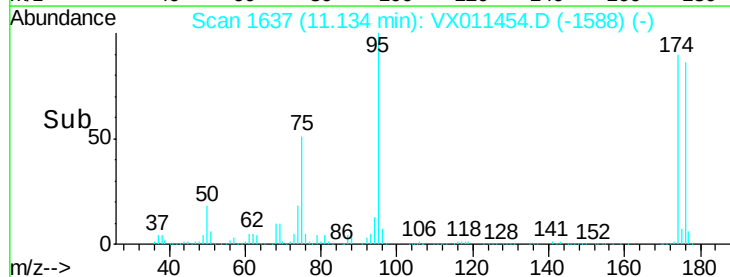
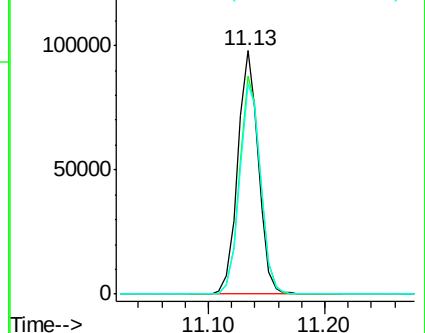
176 88.4 0.0 184.8

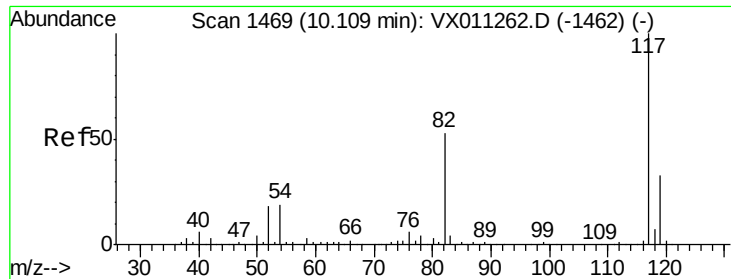


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

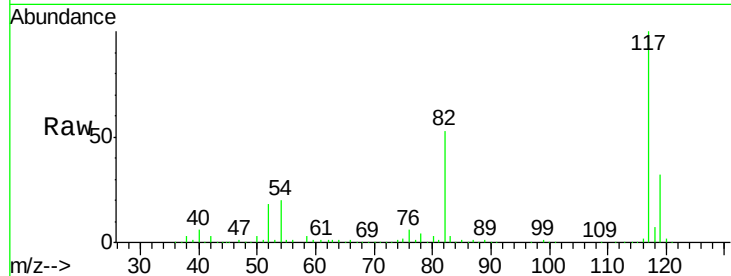




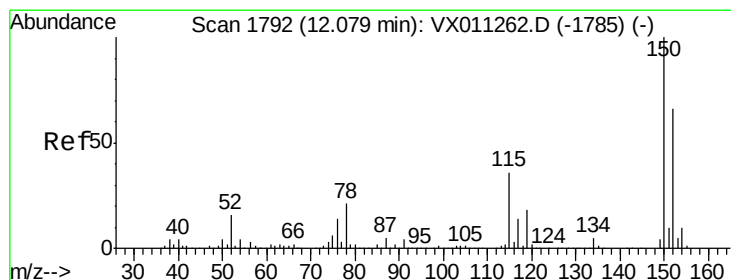
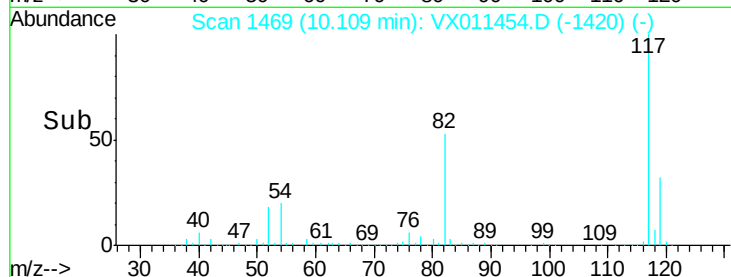
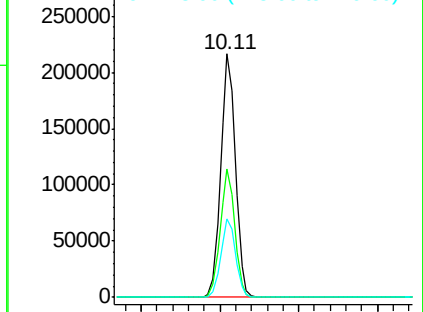
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
R1-R2(A1-A4)-(4.3)

Tot Ion:117 Resp: 281604
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.4 26.6 39.8

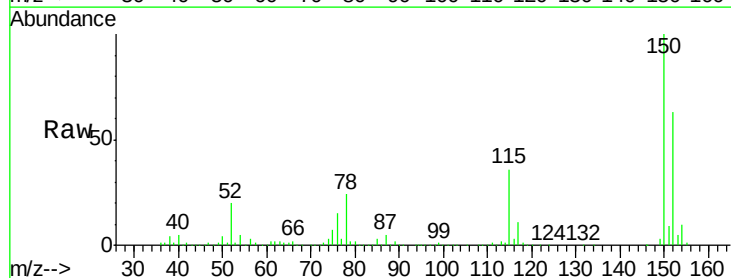


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011454.D
Acq: 12 Aug 2019 01:11

Tgt Ion:152 Resp: 125851
Ion Ratio Lower Upper
152 100
115 55.1 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

