

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009097.D
 Acq On : 22 Apr 2019 15:12
 Operator : JC/SP
 Sample : K2482-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AU-041819DL

Quant Time: Apr 23 03:56:35 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

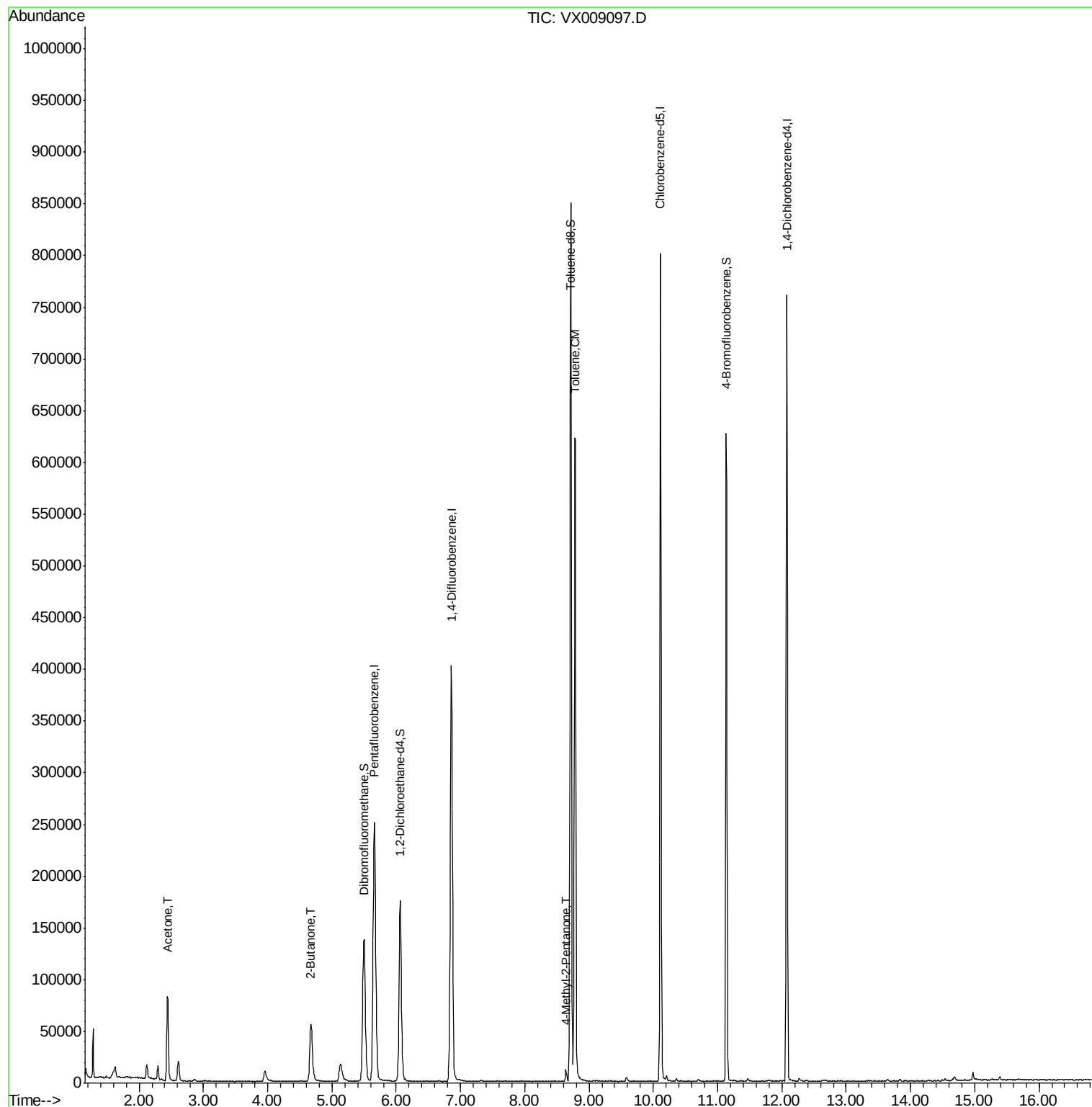
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	396543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	348722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163079	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
35) Dibromofluoromethane	5.49	113	120412	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	8.71	98	496274	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	166364	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
16) Acetone	2.44	43	91877	50.867	ug/l	98
25) 2-Butanone	4.67	43	106057	36.735	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	7244	1.337	ug/l	99
52) Toluene	8.79	92	233943	32.264	ug/l	100

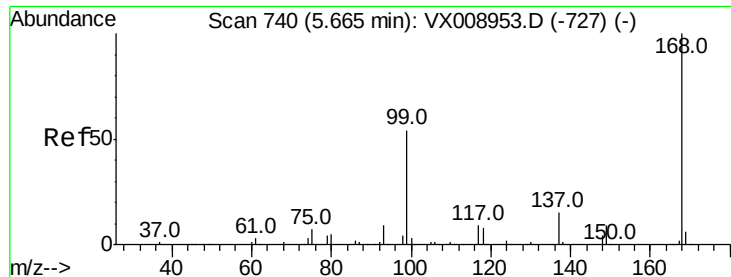
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
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: VX009097.D

Acq: 22 Apr 2019 15:12

Instrument :

MSVOA_X

ClientSampleID :

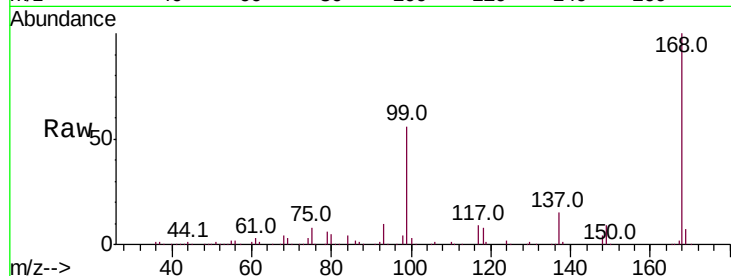
AU-041819DL

Tot Ion:168 Resp: 247147

Ion Ratio Lower Upper

168 100

99 56.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

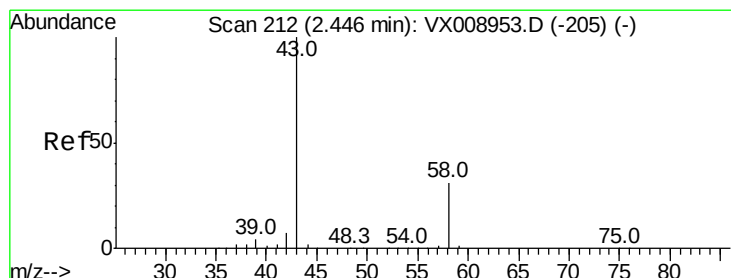
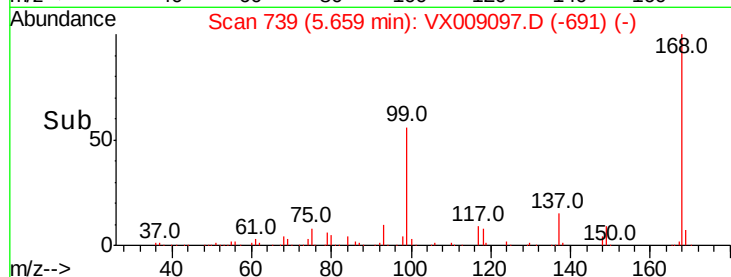
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 50.867 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009097.D

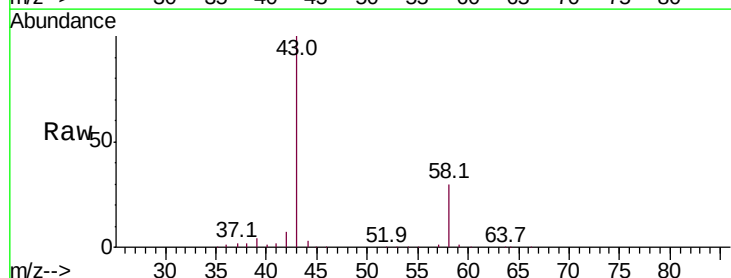
Acq: 22 Apr 2019 15:12

Tgt Ion: 43 Resp: 91877

Ion Ratio Lower Upper

43 100

58 29.7 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

60000

50000

40000

30000

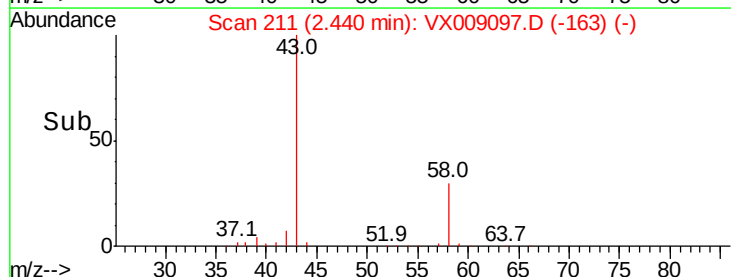
20000

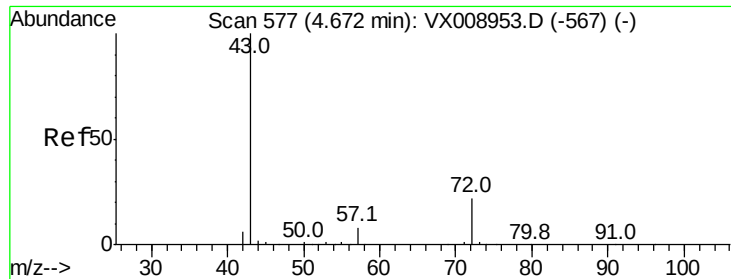
10000

0

Time-->

2.40 2.45 2.50





#25

2-Butanone

Concen: 36.735 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009097.D

Acq: 22 Apr 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

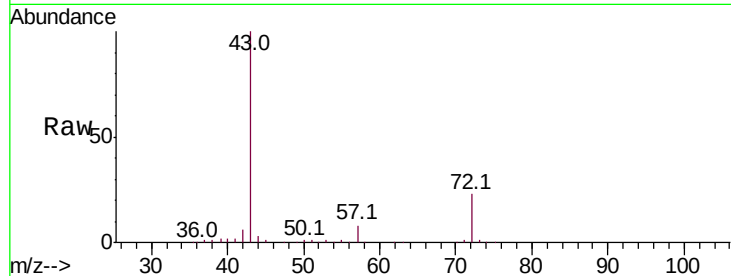
AU-041819DL

Tot Ion: 43 Resp: 106057

Ion Ratio Lower Upper

43 100

72 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

40000

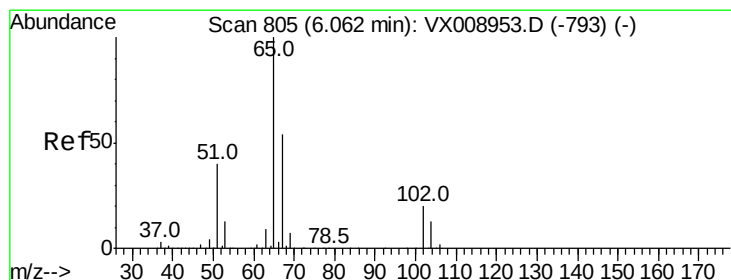
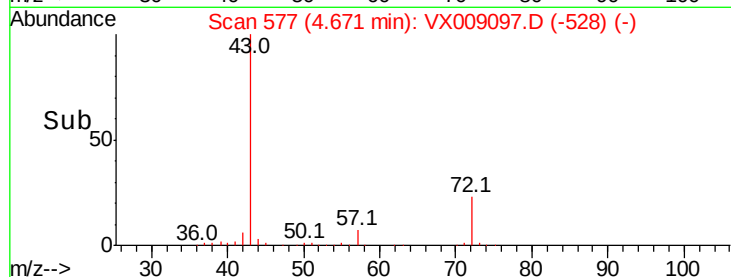
30000

20000

10000

0

Time--> 4.50 4.60 4.70 4.80



#33

1,2-Dichloroethane-d4

Concen: 46.821 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009097.D

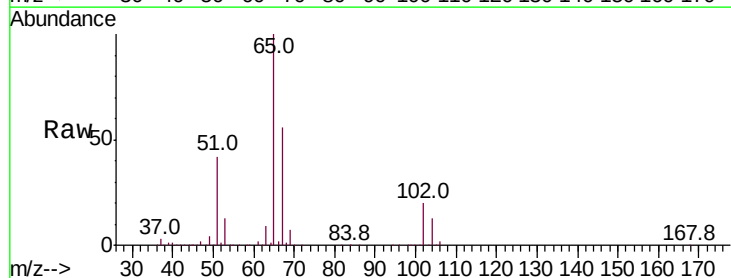
Acq: 22 Apr 2019 15:12

Tgt Ion: 65 Resp: 163079

Ion Ratio Lower Upper

65 100

67 54.4 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

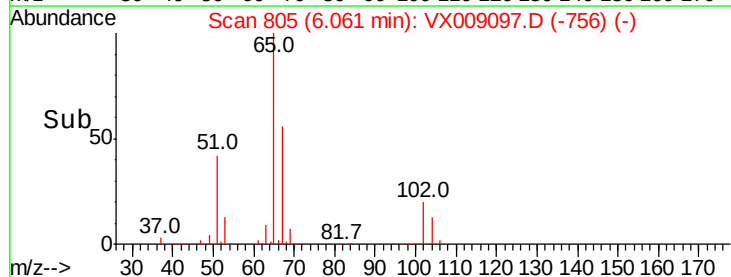
60000

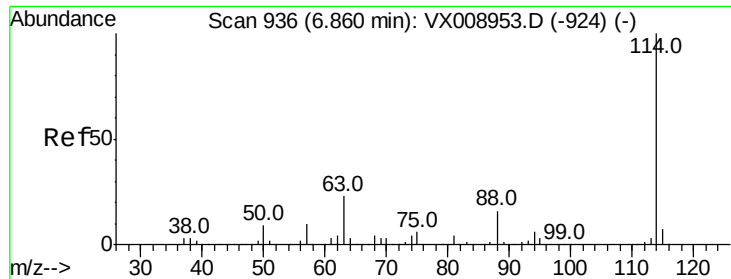
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

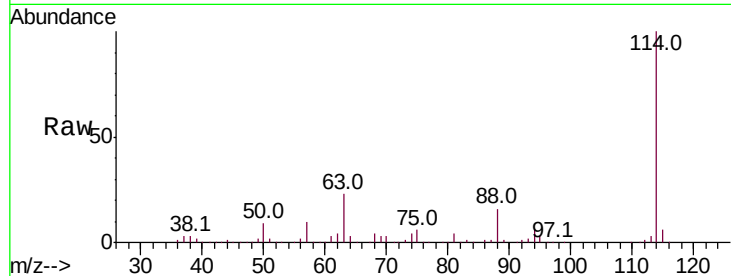




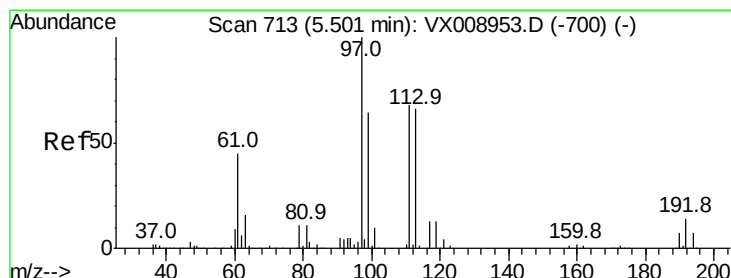
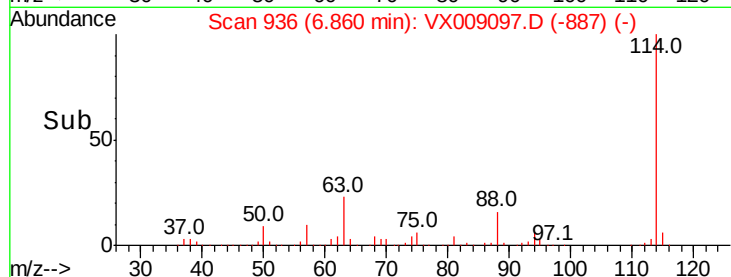
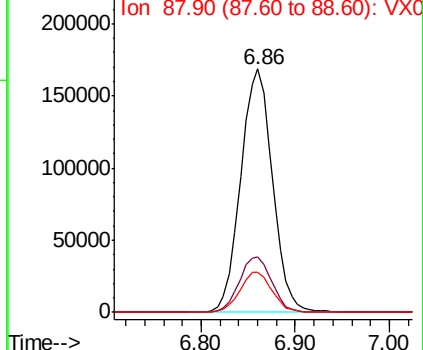
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009097.D
 Acq: 22 Apr 2019 15:12

Instrument :
 MSVOA_X
 ClientSampleID :
 AU-041819DL

Tot Ion:114 Resp: 396543
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.0
 88 16.2 0.0 32.6

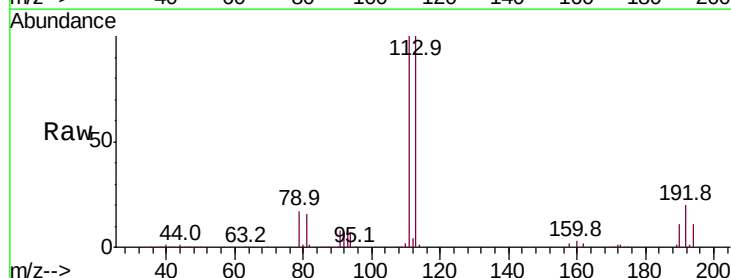


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

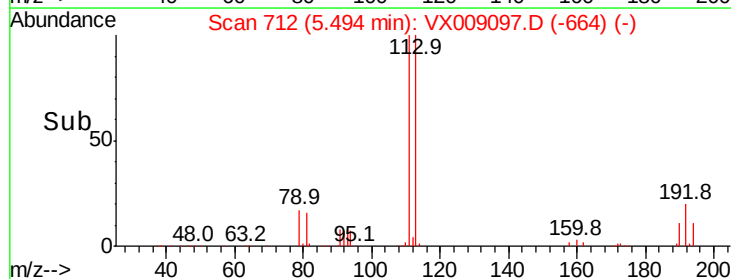
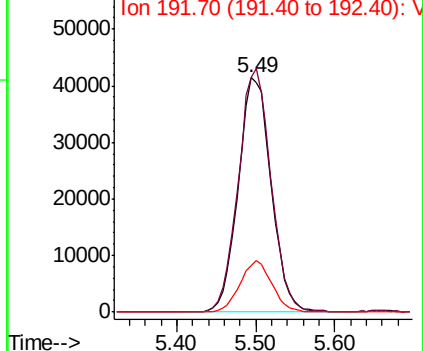


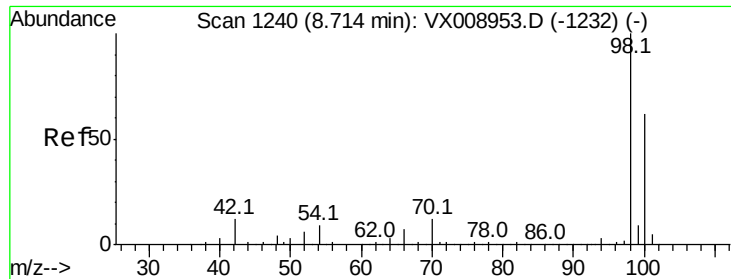
#35
 Dibromofluoromethane
 Concen: 47.315 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX009097.D
 Acq: 22 Apr 2019 15:12

Tgt Ion:113 Resp: 120412
 Ion Ratio Lower Upper
 113 100
 111 103.0 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

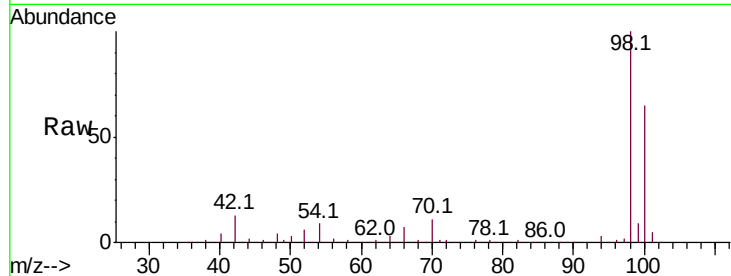




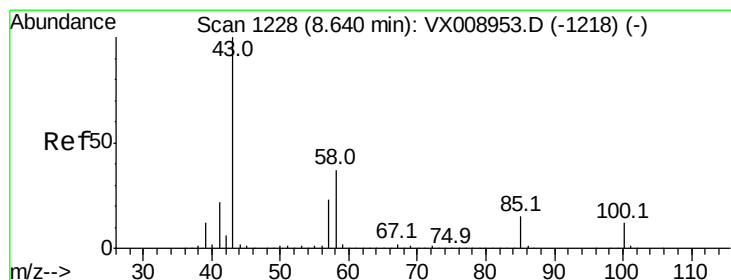
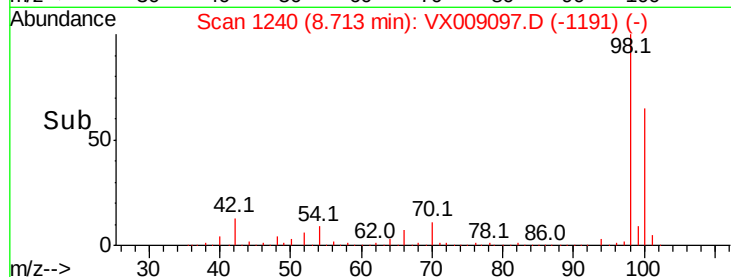
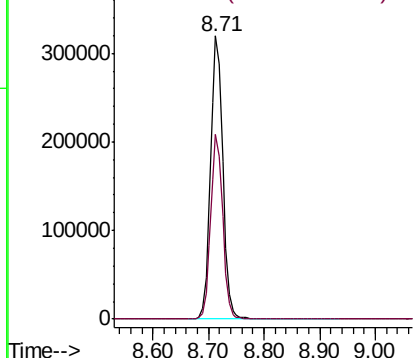
#50
Toluene-d8
Concen: 48.897 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009097.D
Acq: 22 Apr 2019 15:12

Instrument :
MSVOA_X
ClientSampleId :
AU-041819DL

Tot Ion: 98 Resp: 496274
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.2

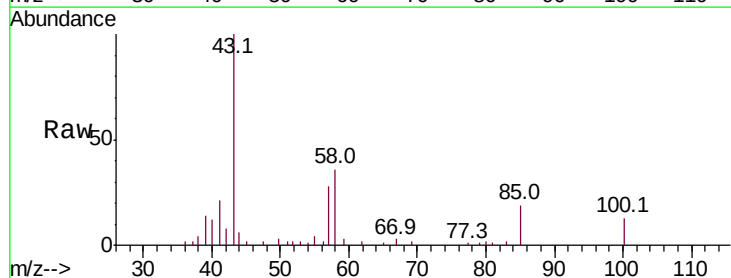


Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX

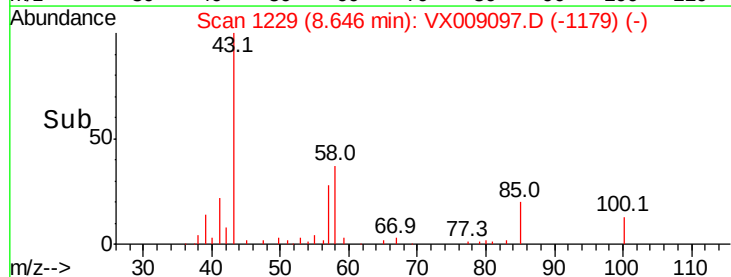
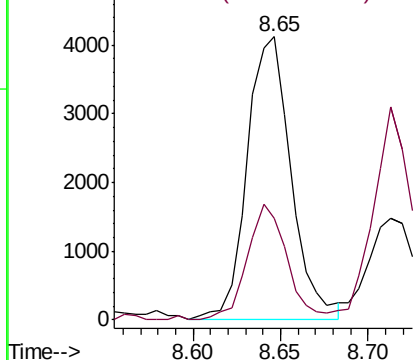


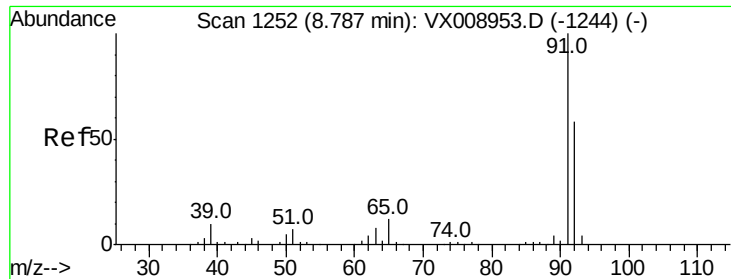
#51
4-Methyl-2-Pentanone
Concen: 1.337 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX009097.D
Acq: 22 Apr 2019 15:12

Tgt Ion: 43 Resp: 7244
Ion Ratio Lower Upper
43 100
58 36.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 32.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009097.D

Acq: 22 Apr 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

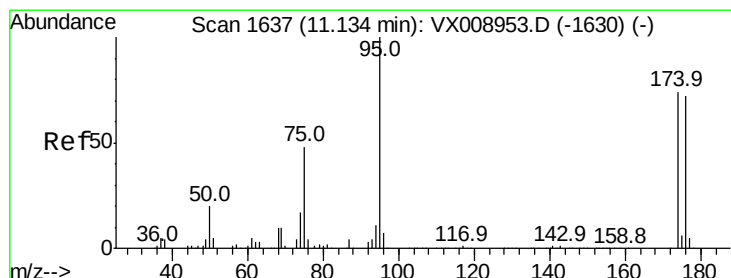
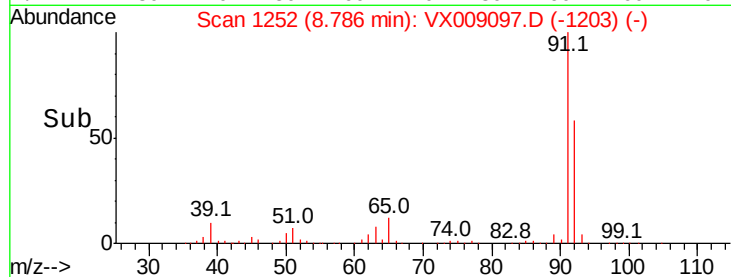
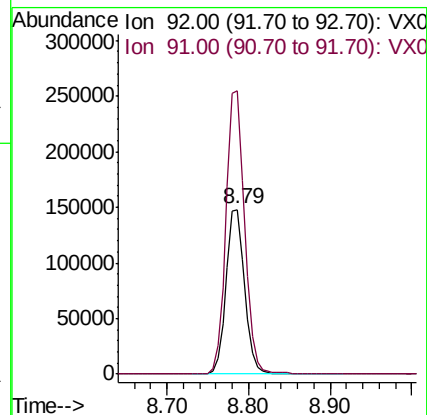
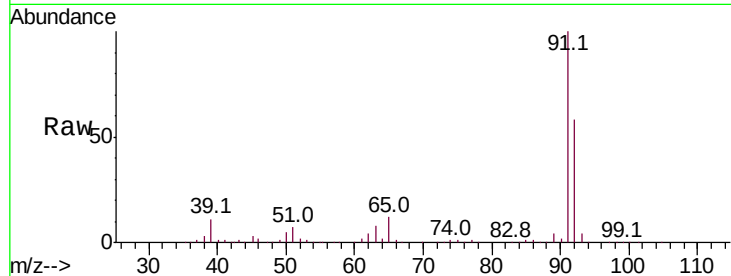
AU-041819DL

Tot Ion: 92 Resp: 233943

Ion Ratio Lower Upper

92 100

91 173.4 138.5 207.7



#62

4-Bromofluorobenzene

Concen: 46.435 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009097.D

Acq: 22 Apr 2019 15:12

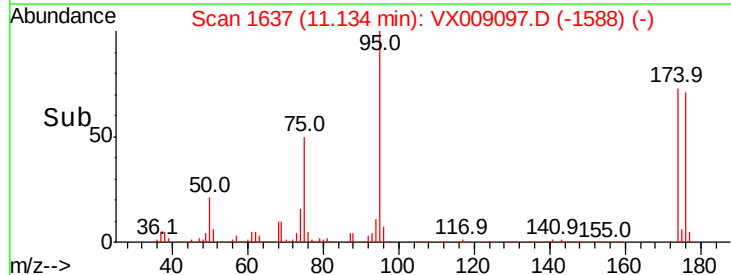
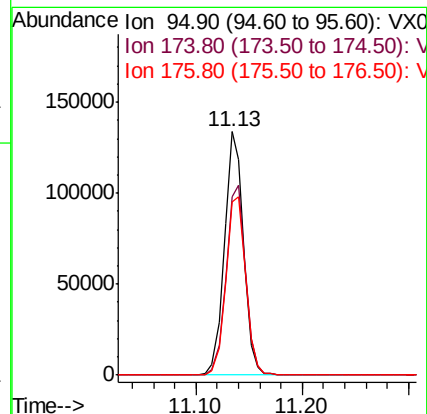
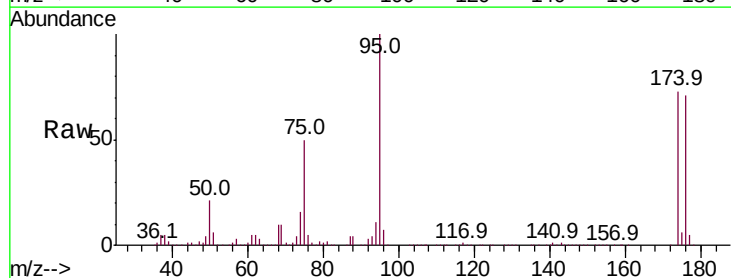
Tgt Ion: 95 Resp: 166364

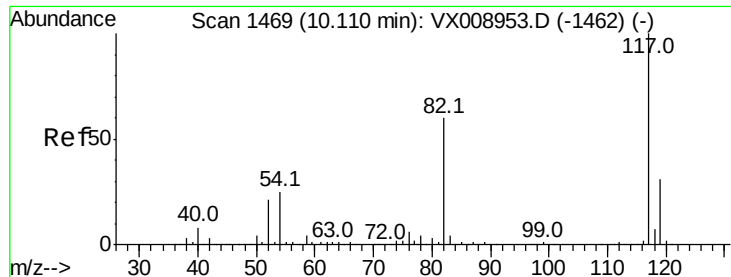
Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

176 76.7 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: VX009097.D

Acq: 22 Apr 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

AU-041819DL

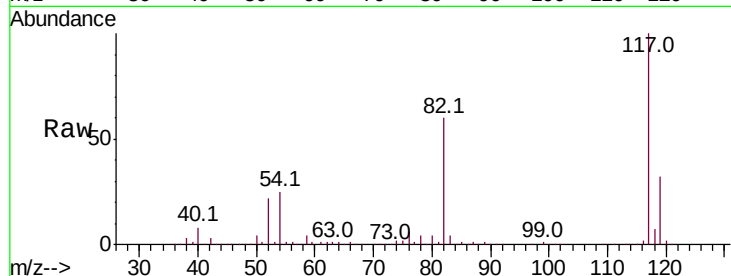
Tot Ion:117 Resp: 348722

Ion Ratio Lower Upper

117 100

82 60.1 48.2 72.4

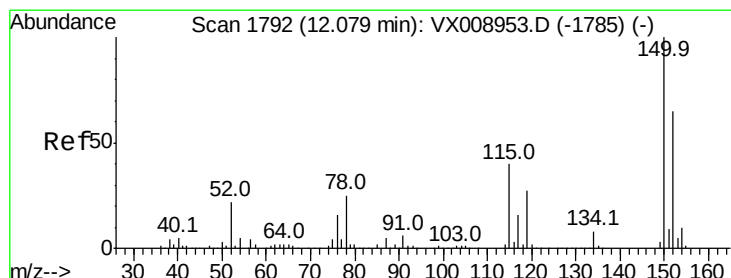
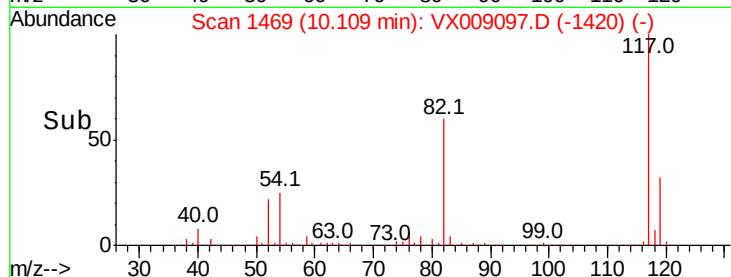
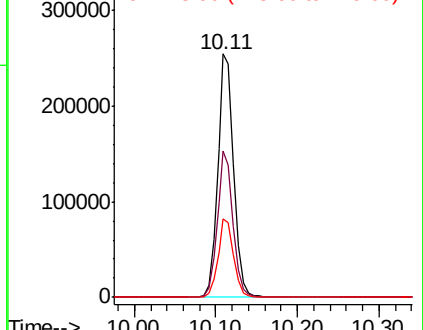
119 32.1 25.0 37.6



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009097.D

Acq: 22 Apr 2019 15:12

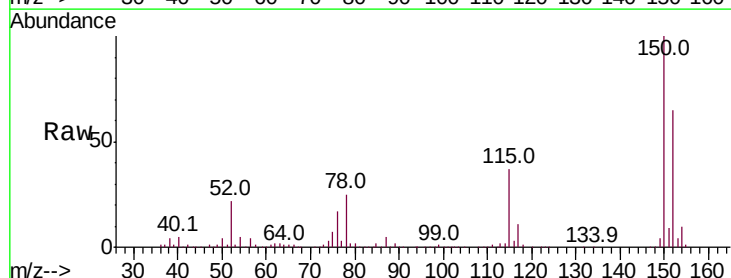
Tgt Ion:152 Resp: 150720

Ion Ratio Lower Upper

152 100

115 58.7 41.4 124.2

150 156.7 0.0 349.8



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

