

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011442.D
 Acq On : 11 Aug 2019 19:22
 Operator : JC/SP
 Sample : K4238-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-18

Quant Time: Aug 12 09:35:36 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

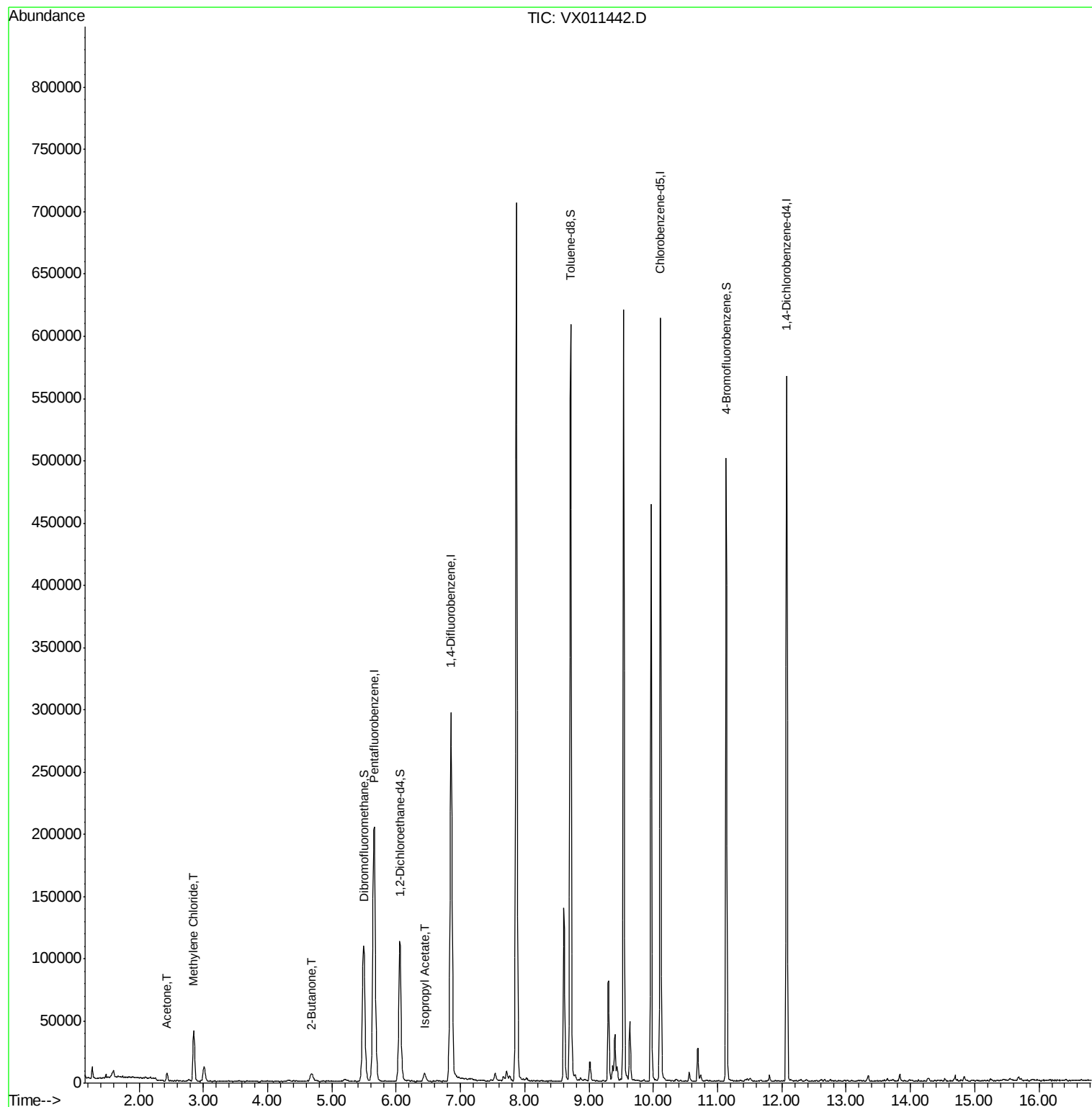
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	202762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107346	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	5.49	113	91260	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	8.71	98	360251	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.13	95	118488	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
Target Compounds						
16) Acetone	2.43	43	7244	7.453	ug/l	94
20) Methylene Chloride	2.85	84	19340	9.086	ug/l	97
25) 2-Butanone	4.68	43	3473m	2.512	ug/l	
43) Isopropyl Acetate	6.45	43	9120	2.156	ug/l #	94

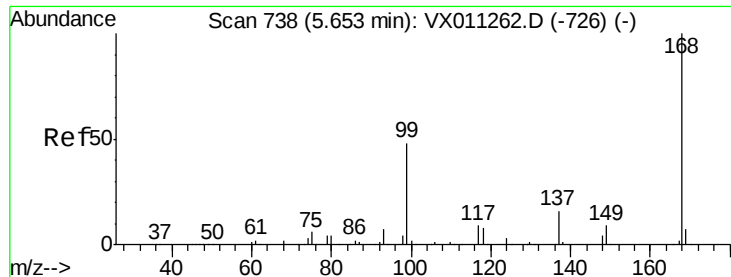
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 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: VX011442.D

Acq: 11 Aug 2019 19:22

Instrument :

MSVOA_X

ClientSampled :

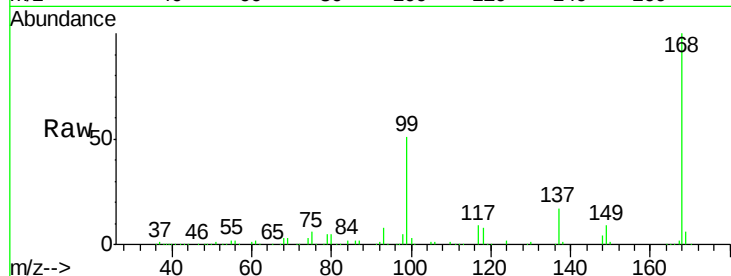
TP-18

Tot Ion:168 Resp: 202762

Ion Ratio Lower Upper

168 100

99 50.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

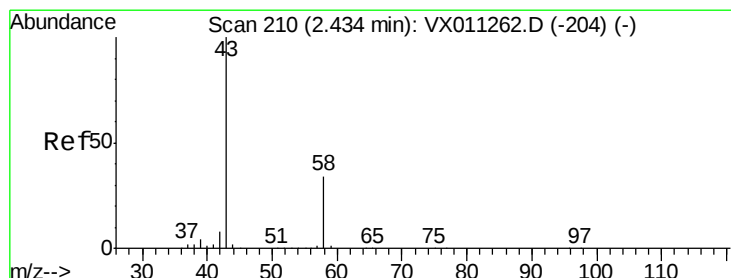
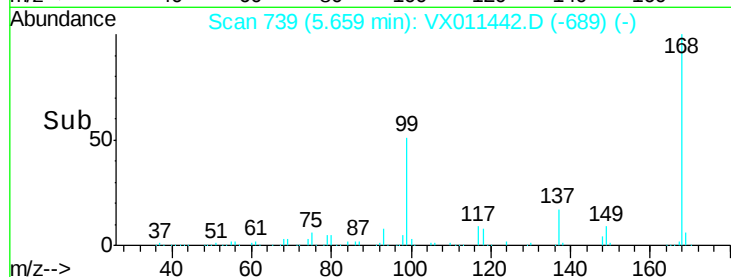
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.453 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011442.D

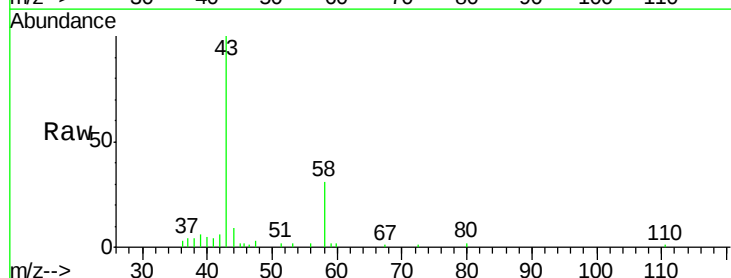
Acq: 11 Aug 2019 19:22

Tgt Ion: 43 Resp: 7244

Ion Ratio Lower Upper

43 100

58 30.5 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

4000

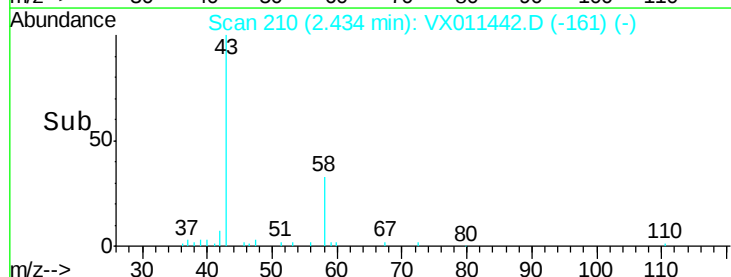
3000

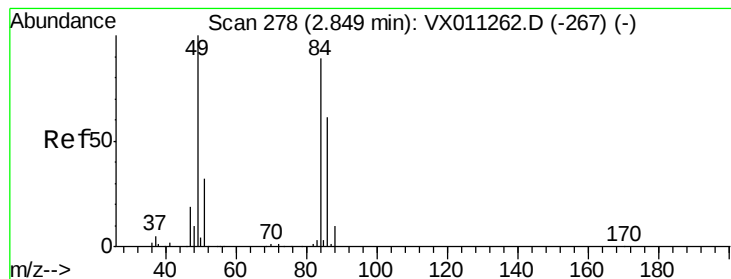
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#20

Methvlene Chloride

Concen: 9.086 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011442.D

Acq: 11 Aug 2019 19:22

Instrument :

MSVOA_X

ClientSampled :

TP-18

Tot Ion: 84 Resp: 19340

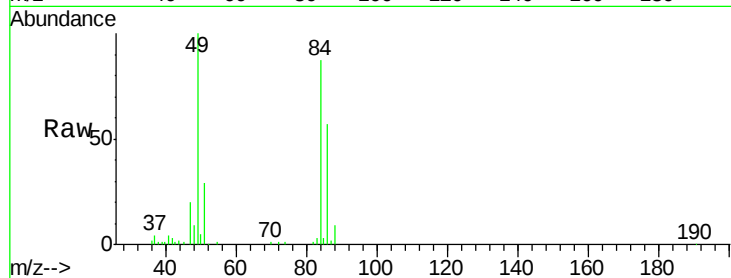
Ion Ratio Lower Upper

84 100

49 114.6 89.3 133.9

51 33.8 28.3 42.5

86 65.0 54.5 81.7

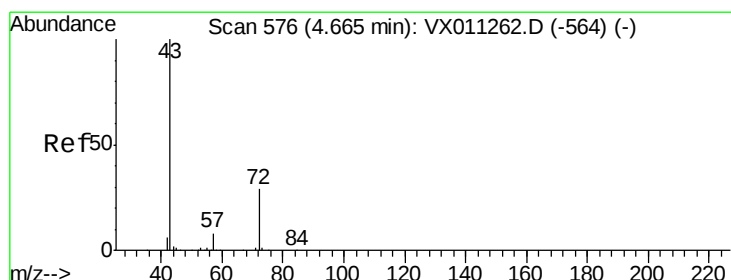
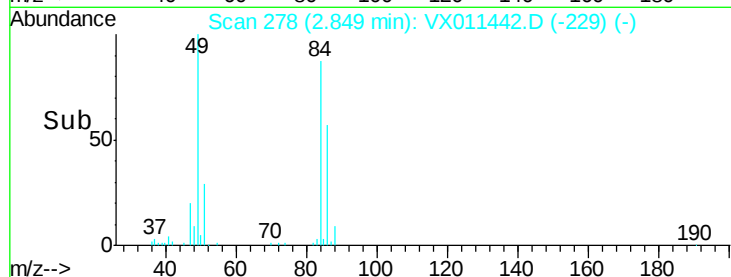
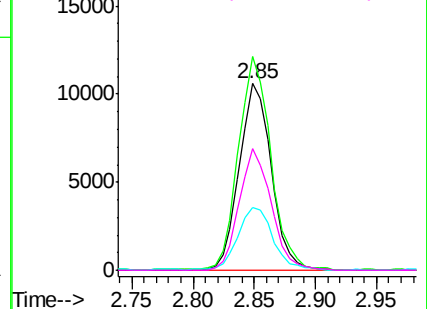


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 2.512 ug/l m

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011442.D

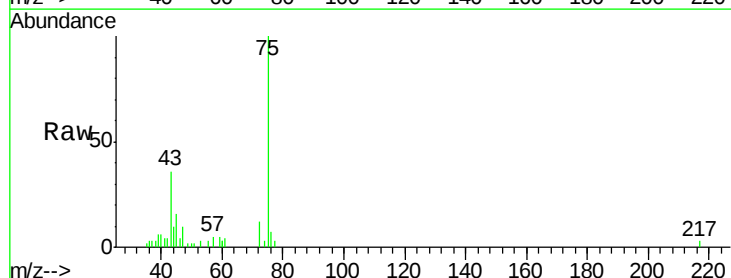
Acq: 11 Aug 2019 19:22

Tgt Ion: 43 Resp: 3473

Ion Ratio Lower Upper

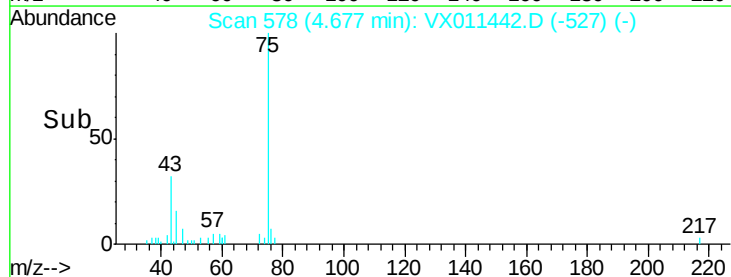
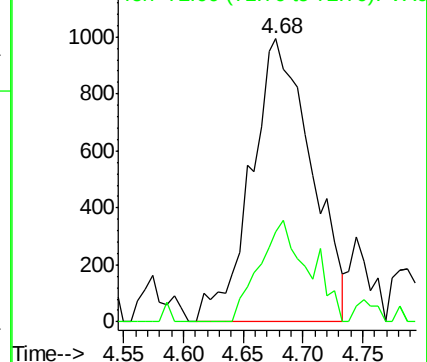
43 100

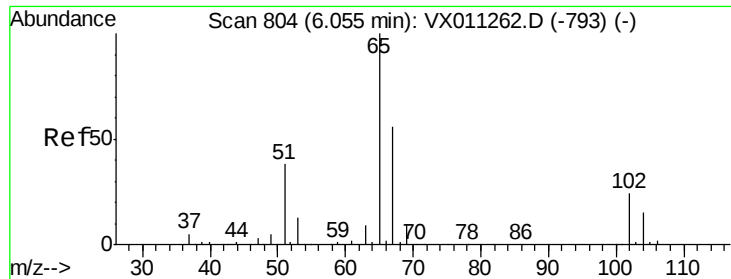
72 31.9 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

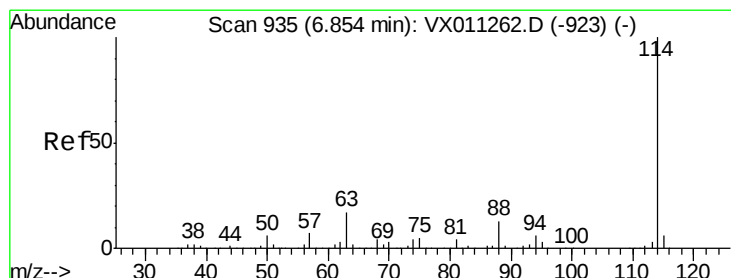
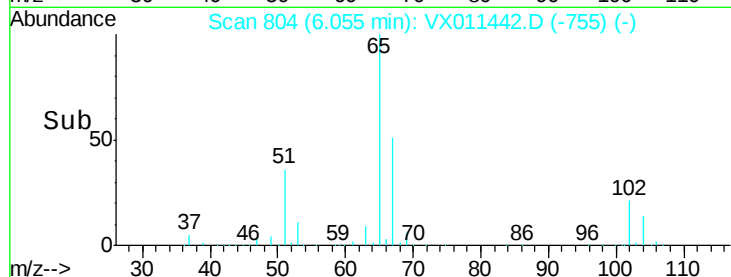
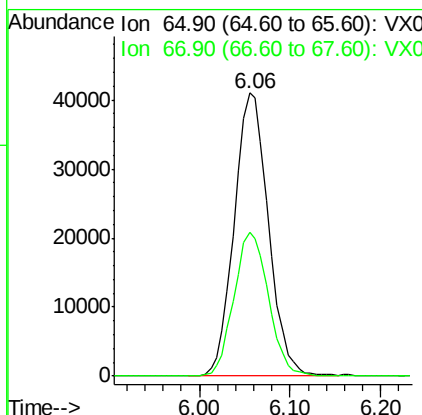
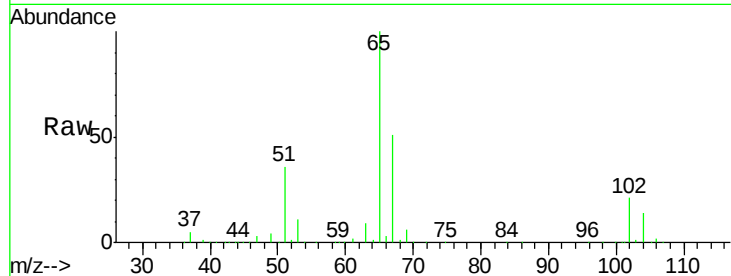




#33
 1,2-Dichloroethane-d4
 Concen: 52.571 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011442.D
 Acq: 11 Aug 2019 19:22

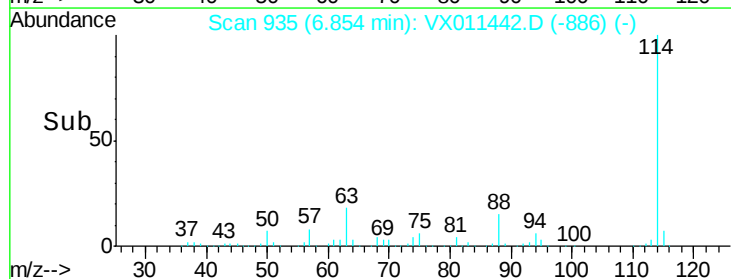
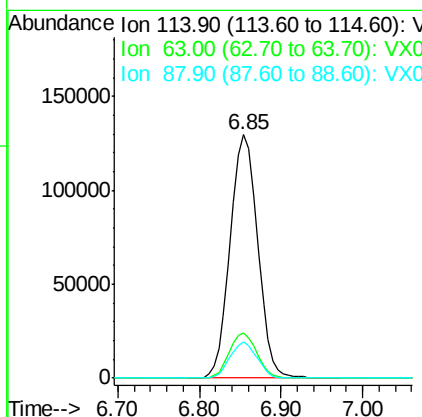
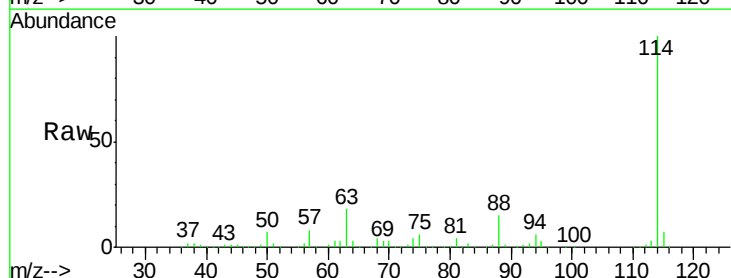
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-18

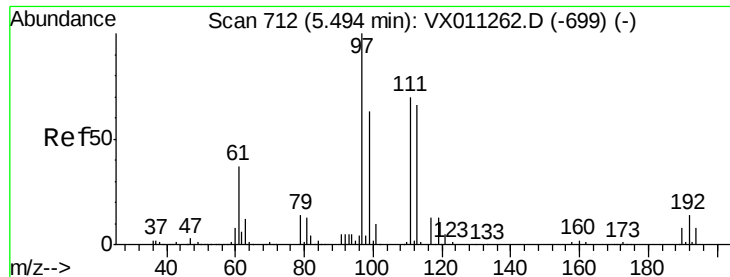
Tot Ion: 65 Resp: 107346
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011442.D
 Acq: 11 Aug 2019 19:22

Tgt Ion: 114 Resp: 302042
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 34.0
 88 15.1 0.0 26.4

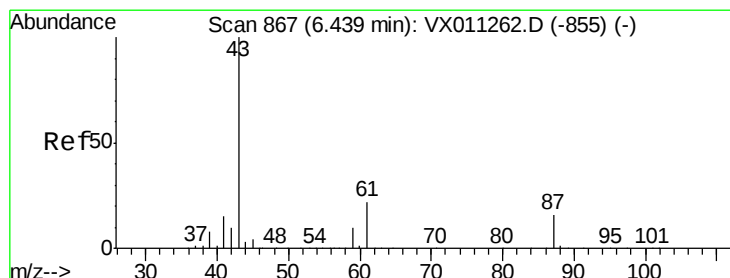
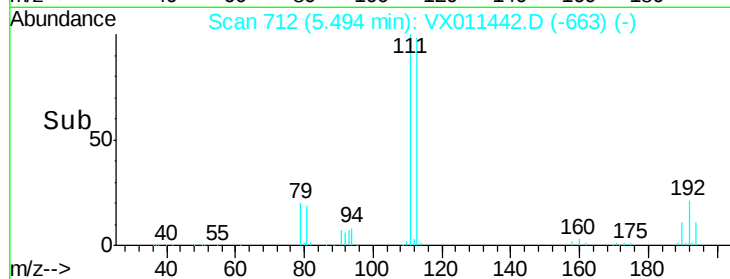
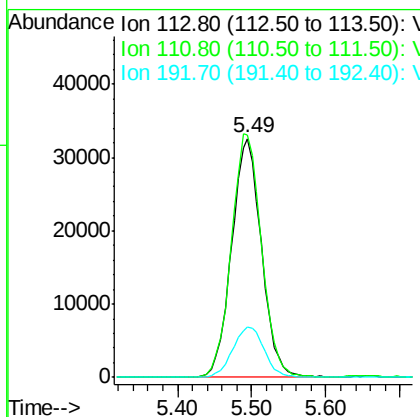
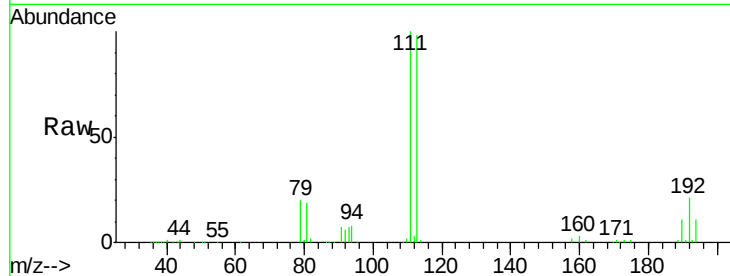




#35
 Dibromofluoromethane
 Concen: 46.279 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011442.D
 Acq: 11 Aug 2019 19:22

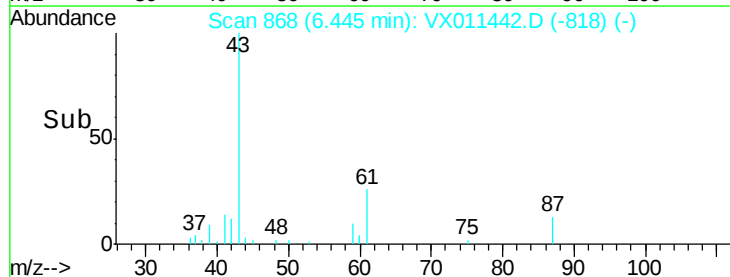
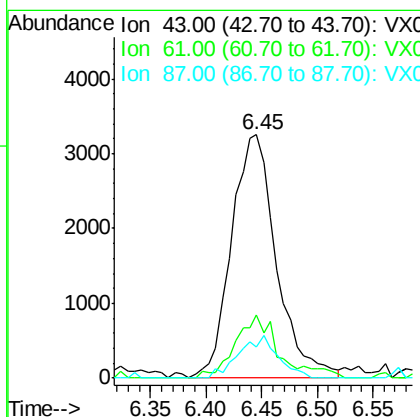
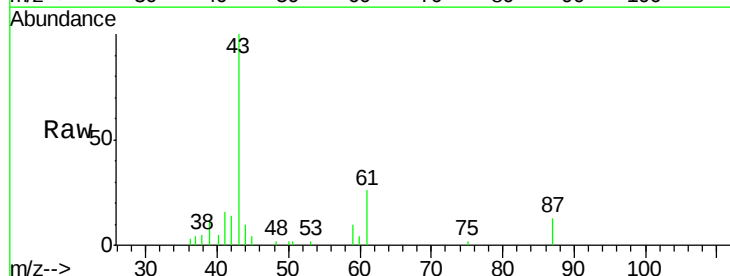
Instrument :
 MSVOA_X
 ClientSampled :
 TP-18

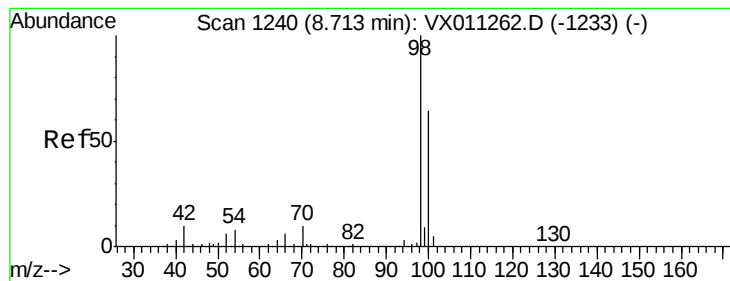
Tot Ion:113 Resp: 91260
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 22.1 17.8 26.8



#43
 Isopropyl Acetate
 Concen: 2.156 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: VX011442.D
 Acq: 11 Aug 2019 19:22

Tgt Ion: 43 Resp: 9120
 Ion Ratio Lower Upper
 43 100
 61 25.3 16.5 24.7#
 87 15.1 12.1 18.1





#50

Toluene-d8

Concen: 48.398 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011442.D

Acq: 11 Aug 2019 19:22

Instrument :

MSVOA_X

ClientSampled :

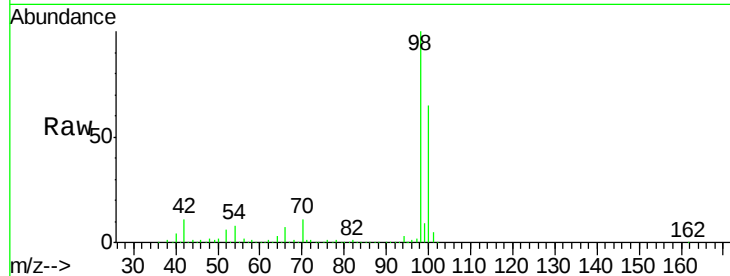
TP-18

Tot Ion: 98 Resp: 360251

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

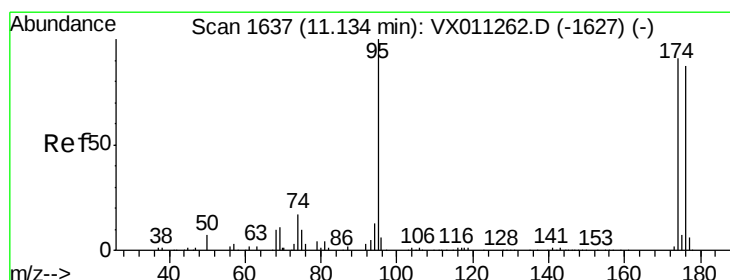
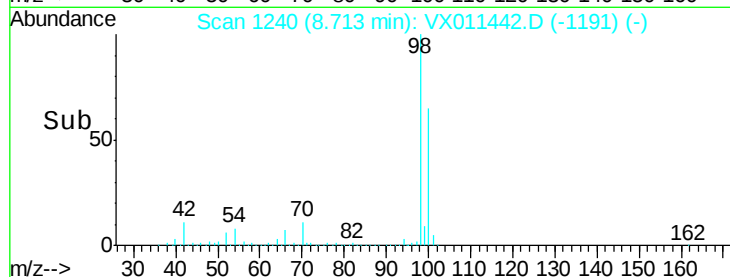
100000

50000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 44.585 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011442.D

Acq: 11 Aug 2019 19:22

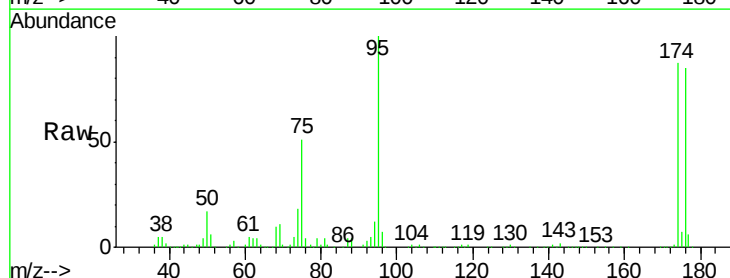
Tgt Ion: 95 Resp: 118488

Ion Ratio Lower Upper

95 100

174 90.5 0.0 191.2

176 87.6 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

11.13

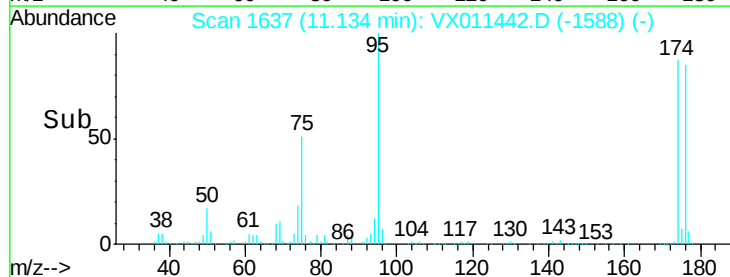
100000

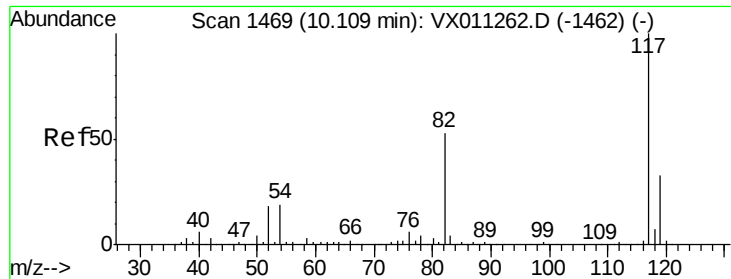
50000

0

Time-->

11.10 11.20

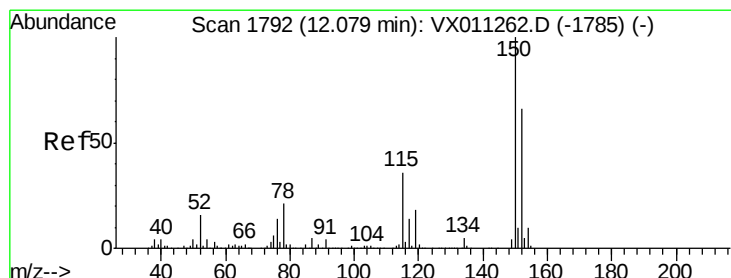
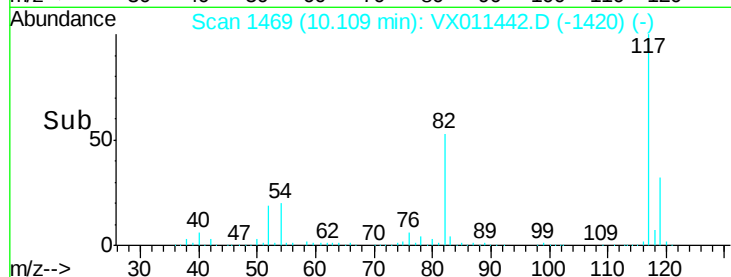
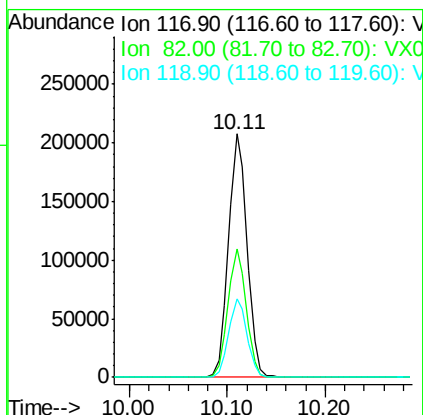
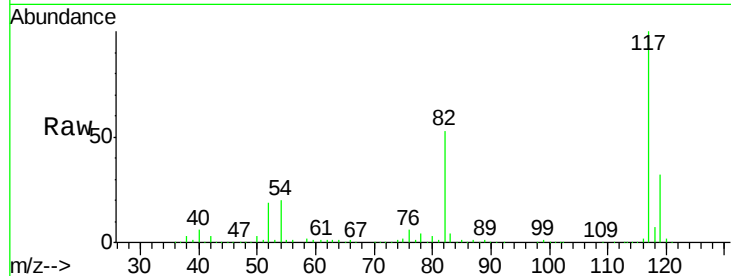




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011442.D
Acq: 11 Aug 2019 19:22

Instrument :
MSVOA_X
ClientSampled :
TP-18

Tot Ion:117 Resp: 274203
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 32.3 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: VX011442.D
Acq: 11 Aug 2019 19:22

Tgt Ion:152 Resp: 122073
Ion Ratio Lower Upper
152 100
115 55.6 40.0 119.9
150 156.4 0.0 350.4

