

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005441.D
 Acq On : 18 Oct 2018 20:10
 Operator : JC/MD
 Sample : J5204-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-101718-A

Quant Time: Oct 19 05:20:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

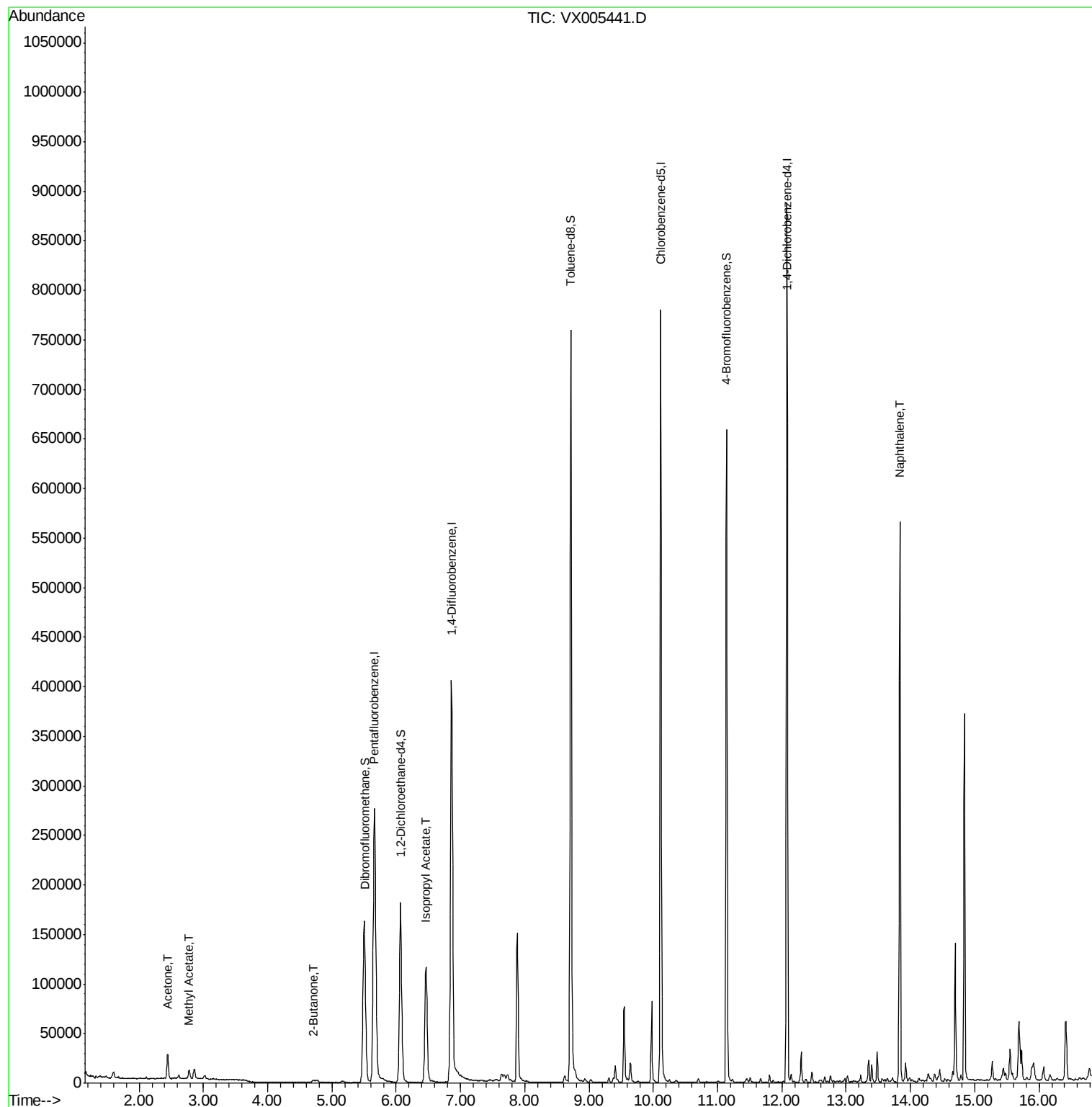
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	299234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	167671	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
35) Dibromofluoromethane	5.51	113	137241	47.02	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.72	98	491271	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.14	95	164646	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	2.45	43	27235	14.184	ug/l	96
18) Methyl Acetate	2.78	43	11396	2.086	ug/l	97
25) 2-Butanone	4.70	43	3936	1.401	ug/l #	89
43) Isopropyl Acetate	6.46	43	160982	22.016	ug/l	98
95) Naphthalene	13.83	128	346577	27.078	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005441.D

Acq: 18 Oct 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

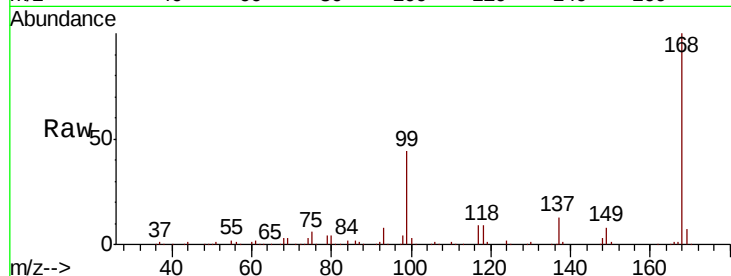
SU-03-101718-A

Tot Ion:168 Resp: 299234

Ion Ratio Lower Upper

168 100

99 44.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

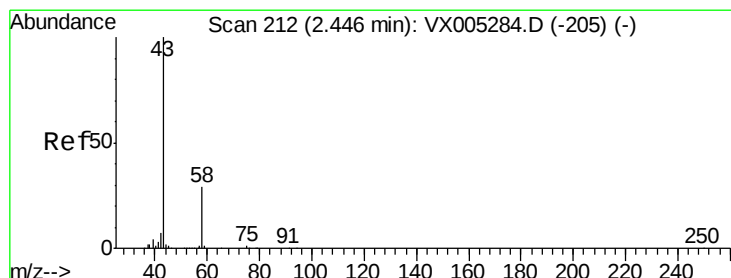
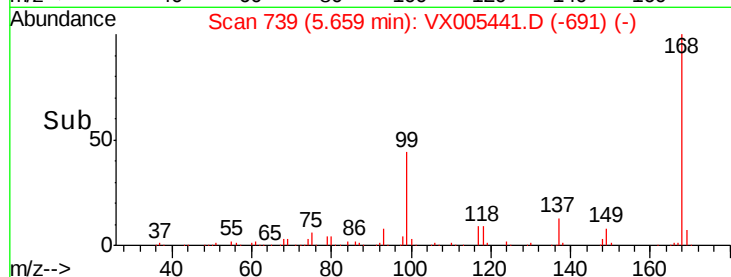
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 14.184 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005441.D

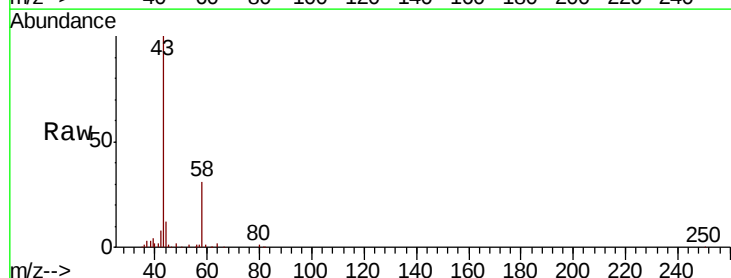
Acq: 18 Oct 2018 20:10

Tgt Ion: 43 Resp: 27235

Ion Ratio Lower Upper

43 100

58 30.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

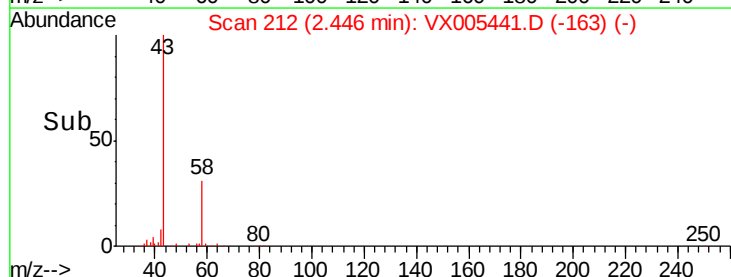
15000

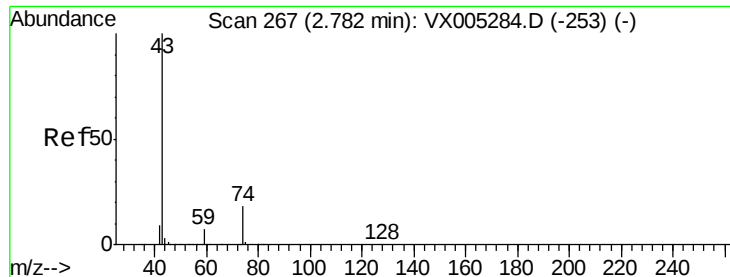
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

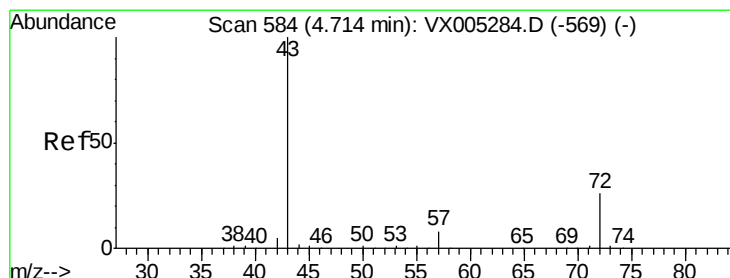
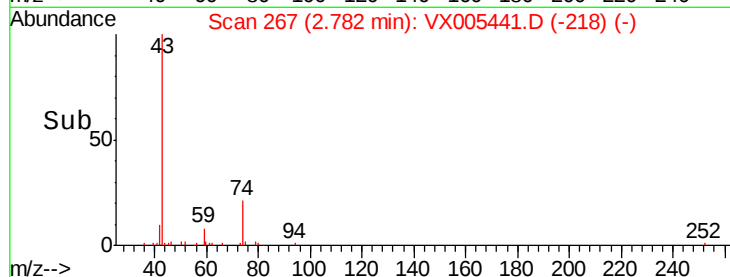
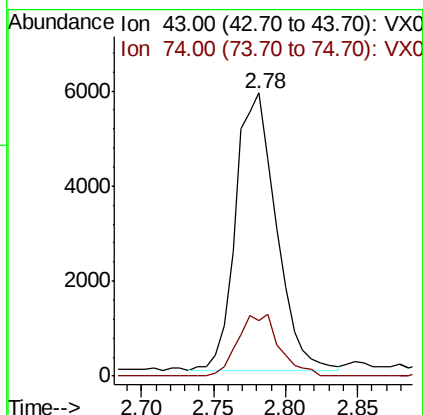
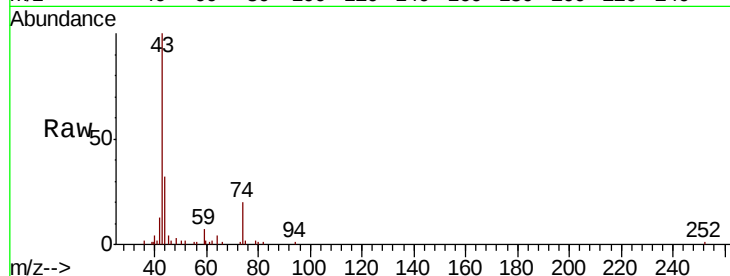




#18
Methvl Acetate
Concen: 2.086 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005441.D
Acq: 18 Oct 2018 20:10

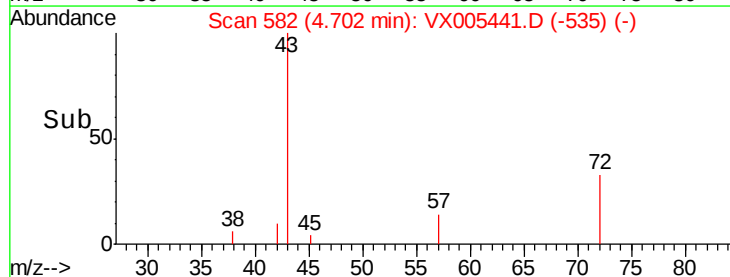
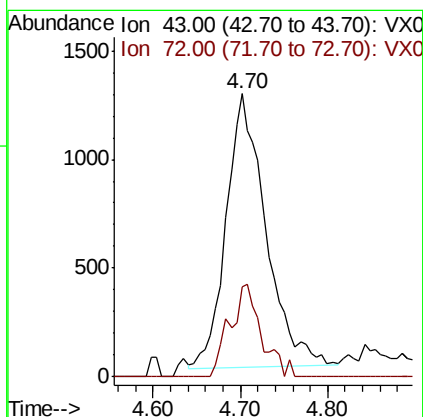
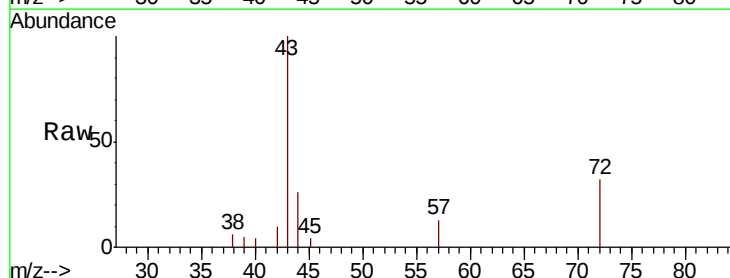
Instrument :
MSVOA_X
ClientSampleId :
SU-03-101718-A

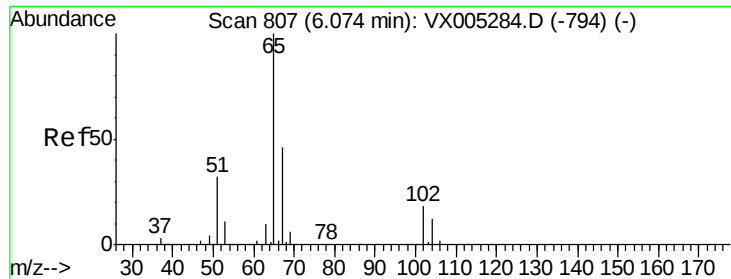
Tot Ion: 43 Resp: 11396
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2



#25
2-Butanone
Concen: 1.401 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005441.D
Acq: 18 Oct 2018 20:10

Tgt Ion: 43 Resp: 3936
Ion Ratio Lower Upper
43 100
72 33.2 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 50.487 ug/l

RT: 6.07 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX005441.D

Acq: 18 Oct 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

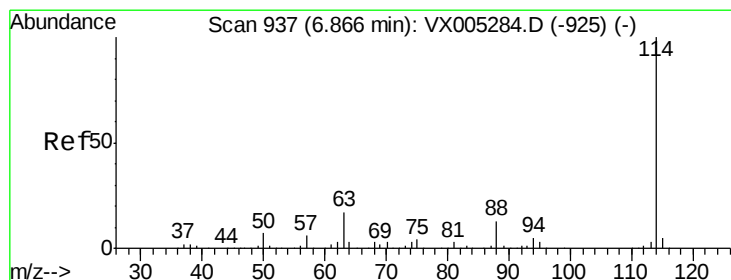
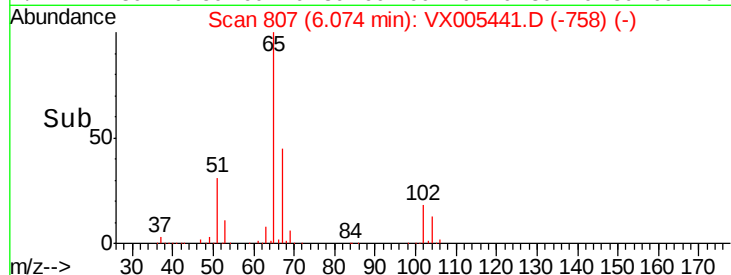
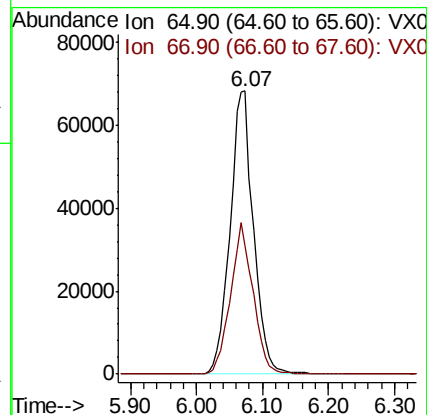
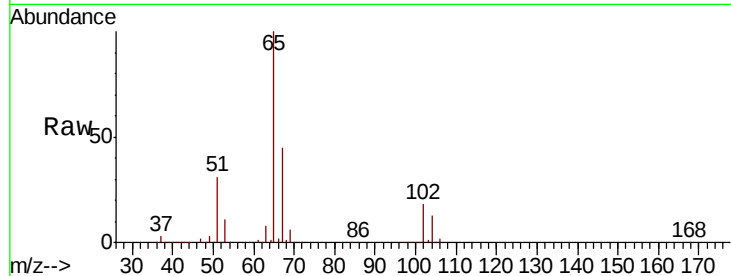
SU-03-101718-A

Tot Ion: 65 Resp: 167671

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005441.D

Acq: 18 Oct 2018 20:10

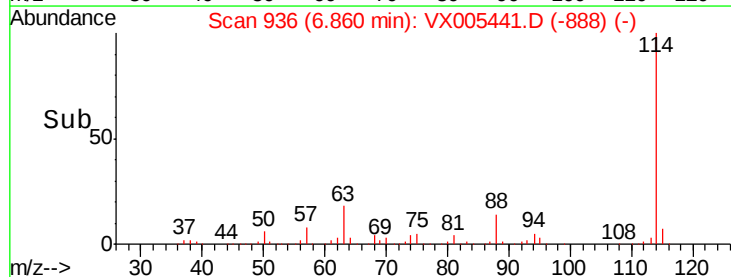
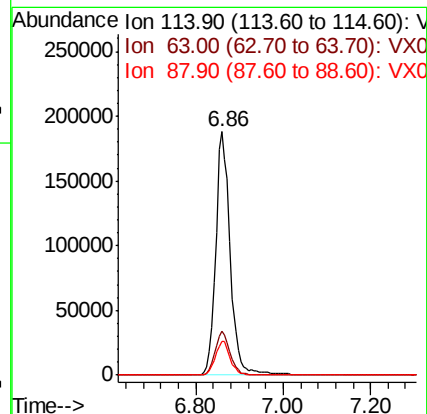
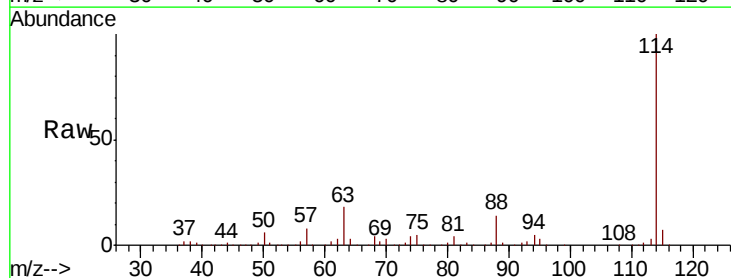
Tgt Ion: 114 Resp: 440706

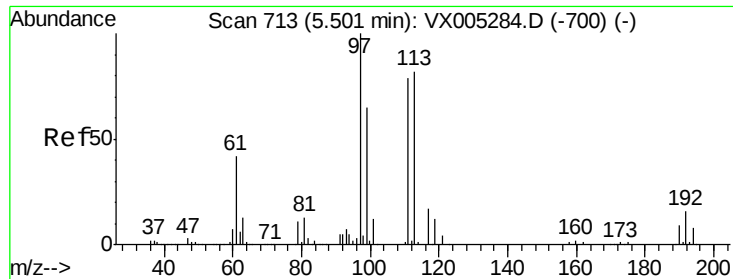
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.0

88 13.8 0.0 30.4

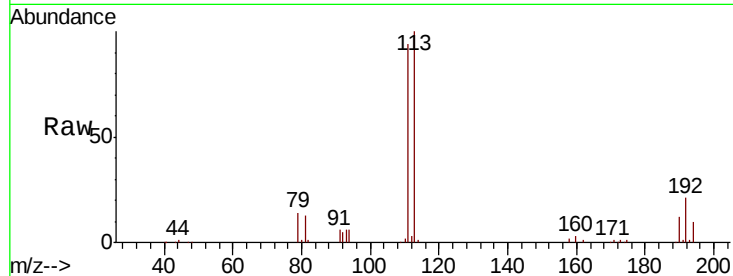




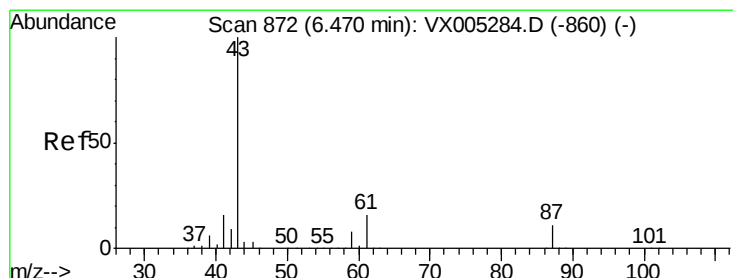
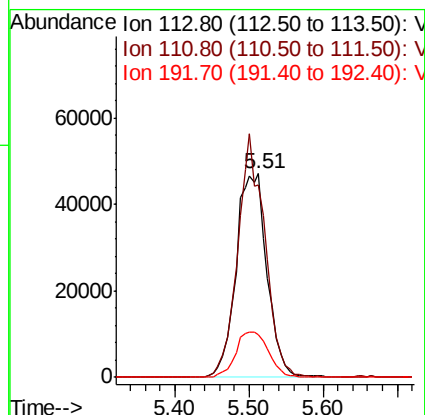
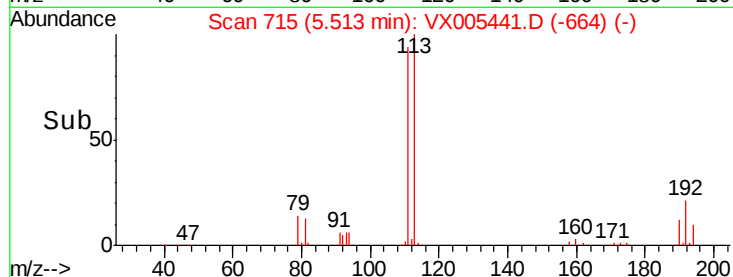
#35
 Dibromofluoromethane
 Concen: 47.018 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX005441.D
 Acq: 18 Oct 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-101718-A

Tot Ion:113 Resp: 137241
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.4 123.6
 192 23.6 19.4 29.2

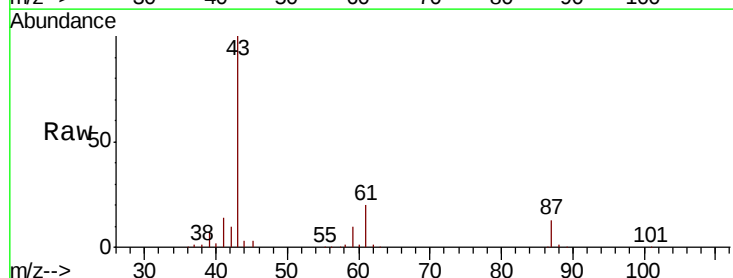


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

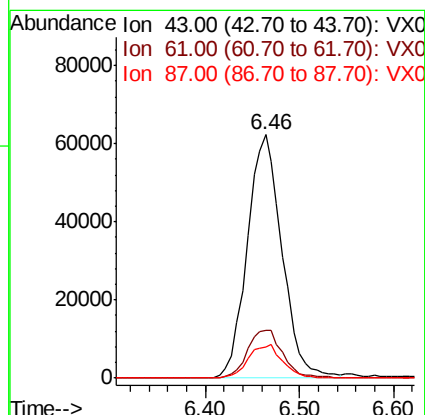
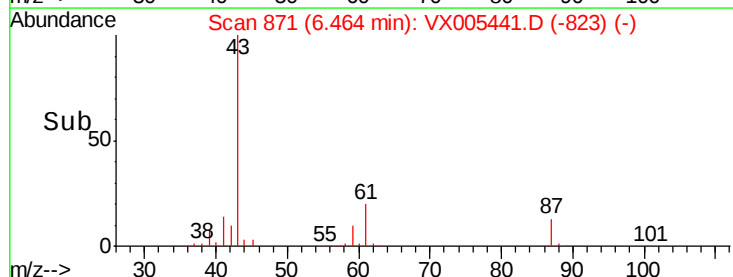


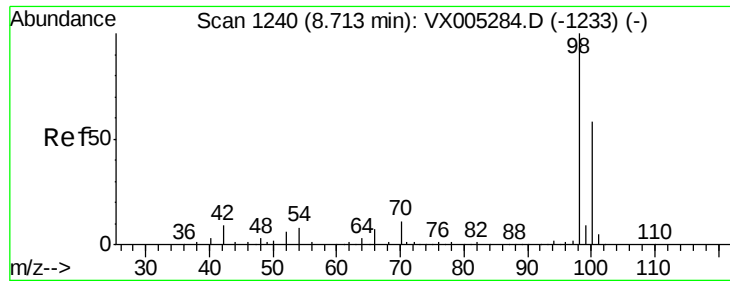
#43
 Isopropyl Acetate
 Concen: 22.016 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005441.D
 Acq: 18 Oct 2018 20:10

Tgt Ion: 43 Resp: 160982
 Ion Ratio Lower Upper
 43 100
 61 20.1 17.0 25.4
 87 13.3 11.4 17.2



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: 49.025 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005441.D

Acq: 18 Oct 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

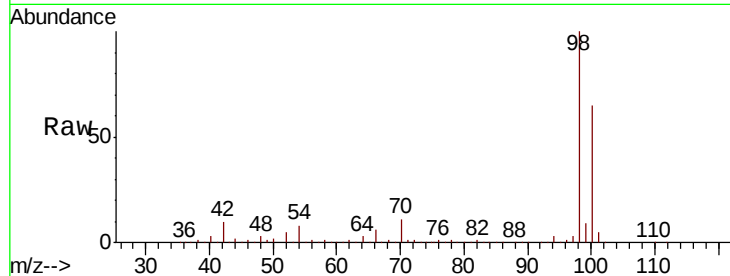
SU-03-101718-A

Tot Ion: 98 Resp: 491271

Ion Ratio Lower Upper

98 100

100 64.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

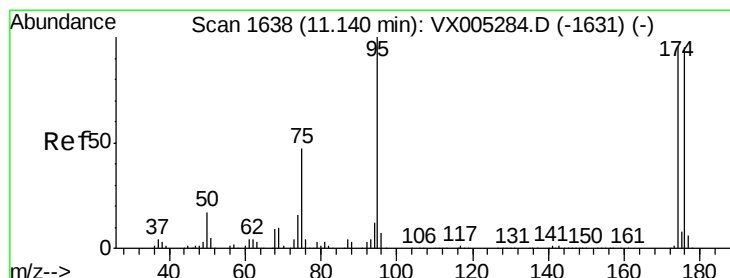
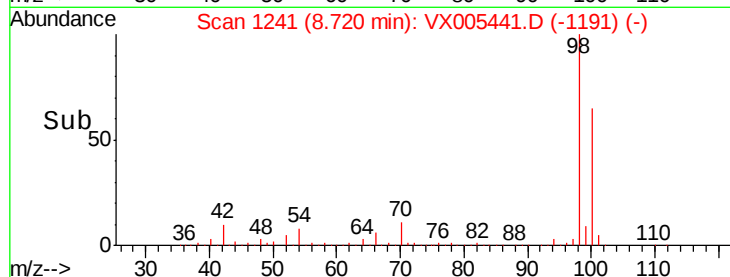
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.737 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005441.D

Acq: 18 Oct 2018 20:10

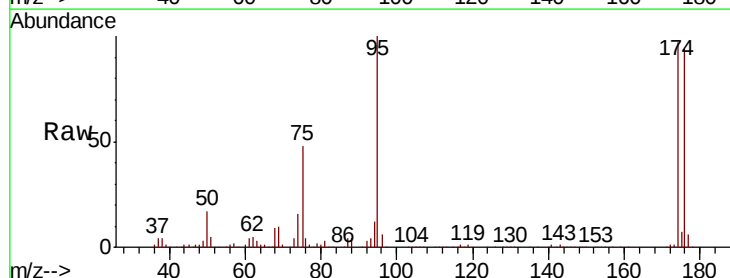
Tgt Ion: 95 Resp: 164646

Ion Ratio Lower Upper

95 100

174 95.2 0.0 185.2

176 91.8 0.0 178.6



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

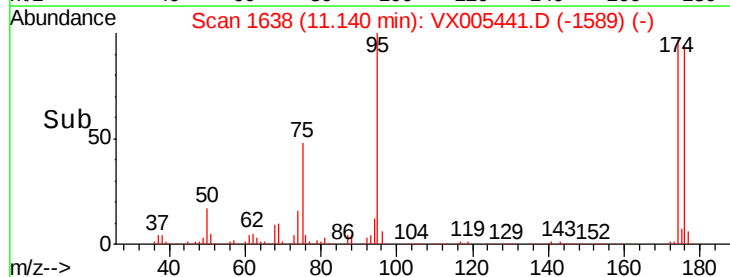
150000

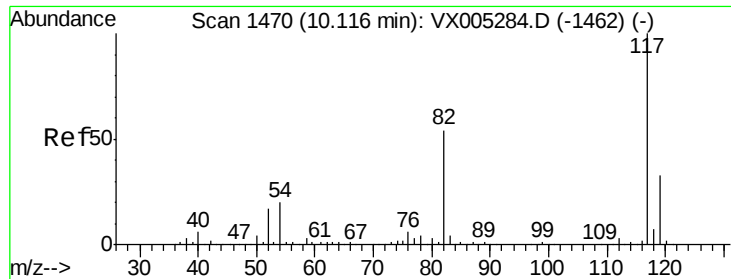
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005441.D

Acq: 18 Oct 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

SU-03-101718-A

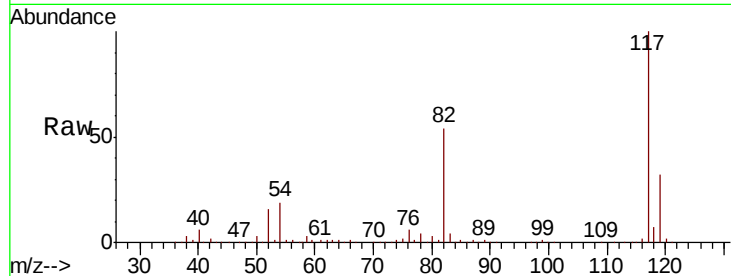
Tot Ion:117 Resp: 375765

Ion Ratio Lower Upper

117 100

82 53.6 47.8 71.6

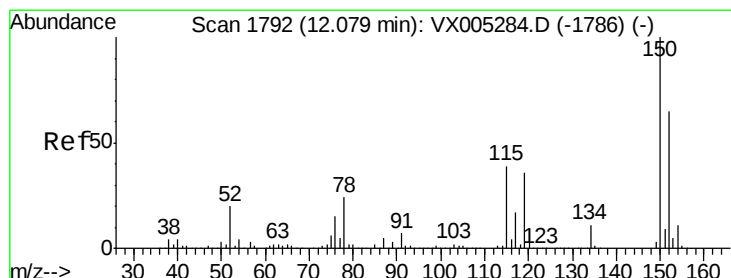
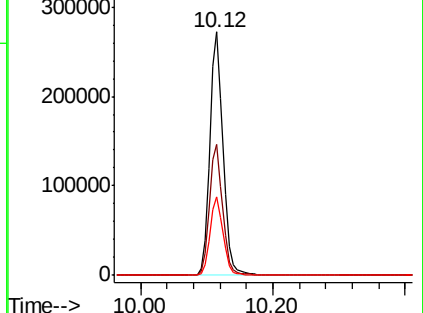
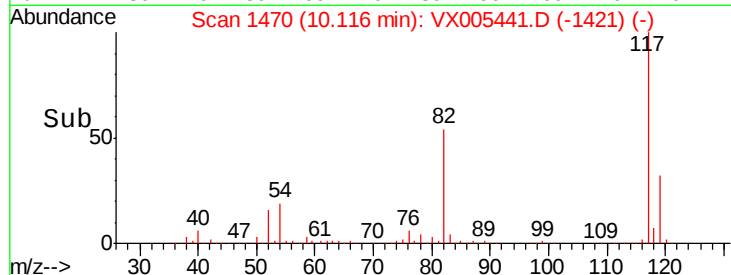
119 32.3 29.3 43.9



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: VX005441.D

Acq: 18 Oct 2018 20:10

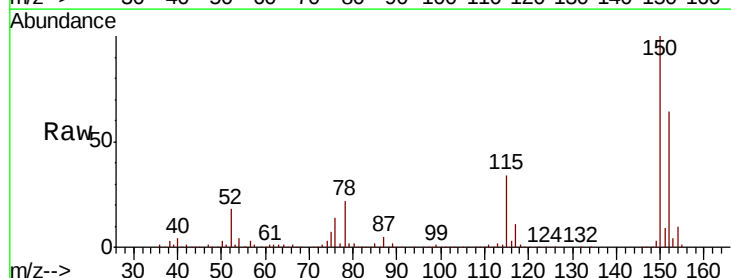
Tgt Ion:152 Resp: 185593

Ion Ratio Lower Upper

152 100

115 53.8 39.0 117.0

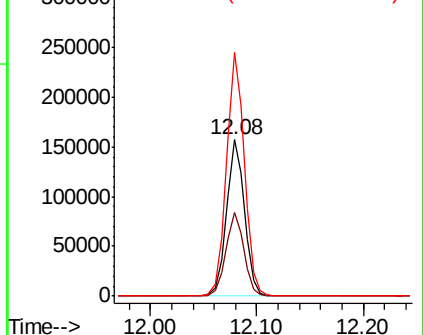
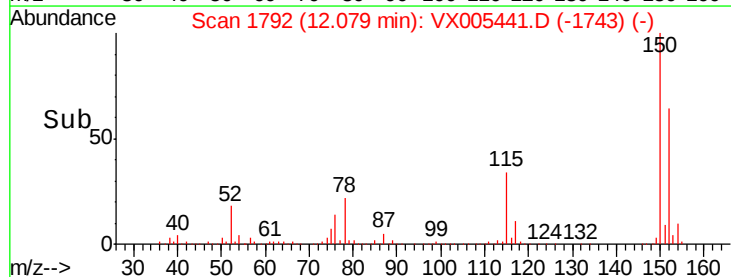
150 156.2 0.0 351.0

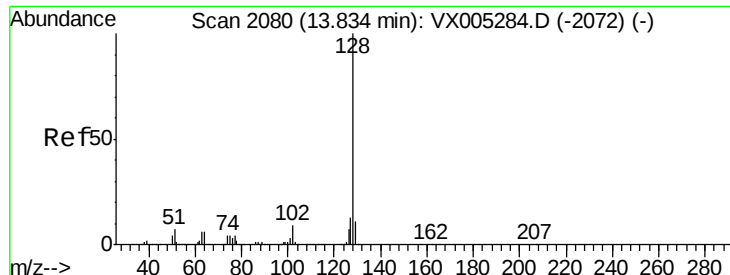


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
 Naphthalene
 Concen: 27.078 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005441.D
 Acq: 18 Oct 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-101718-A

Tot	Ion:128	Resp:	346577
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.6	12.8

