

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005074.D
 Acq On : 05 Oct 2018 18:51
 Operator : JC/MD
 Sample : J5188-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NS-092818

Quant Time: Oct 05 19:36:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206509	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	171841	53.49	ug/l	0.00
Spiked Amount			Recovery	=	106.98%	
35) Dibromofluoromethane	5.50	113	140835	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	
50) Toluene-d8	8.72	98	525774	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	195832	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	

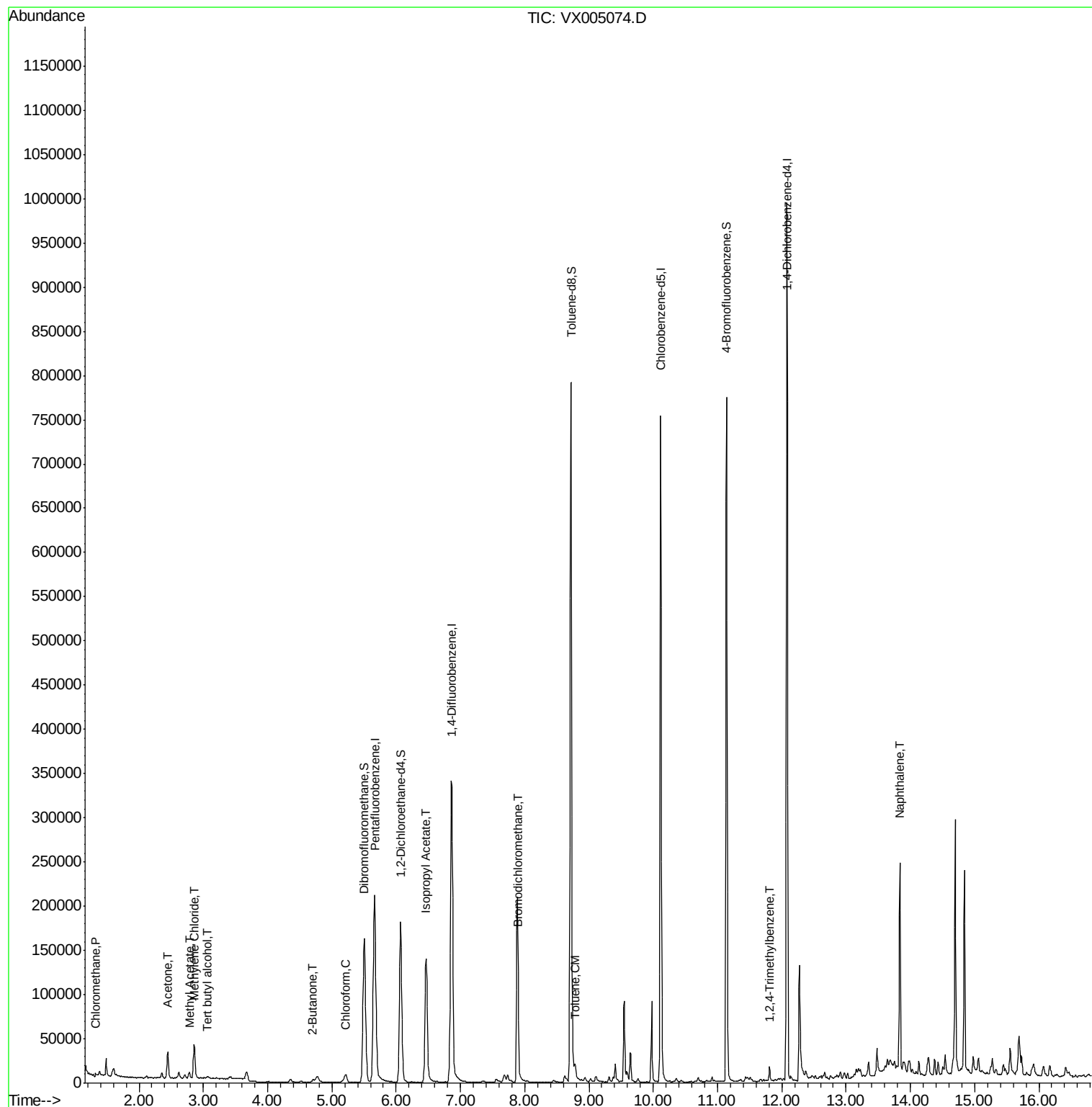
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2073	0.557	ug/l	97
11) Tert butyl alcohol	3.07	59	2752	3.064	ug/l #	85
16) Acetone	2.45	43	32303	17.223	ug/l	92
18) Methyl Acetate	2.78	43	9089	1.913	ug/l	99
20) Methylene Chloride	2.85	84	16862	5.435	ug/l	89
25) 2-Butanone	4.70	43	6603	2.388	ug/l	90
30) Chloroform	5.21	83	10027	1.987	ug/l	92
43) Isopropyl Acetate	6.46	43	196992	23.972	ug/l	97
47) Bromodichloromethane	7.90	83	1886	0.487	ug/l #	89
52) Toluene	8.78	92	2855	0.387	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	6595	0.340	ug/l	96
95) Naphthalene	13.83	128	143548	8.956	ug/l	99

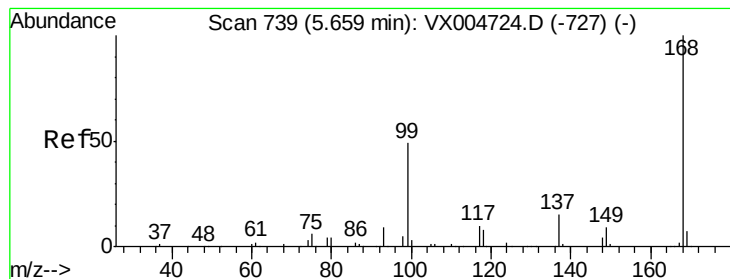
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100518\
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Quant Time: Oct 05 19:36:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005074.D

Acq: 05 Oct 2018 18:51

Instrument :

MSVOA_X

ClientSampleId :

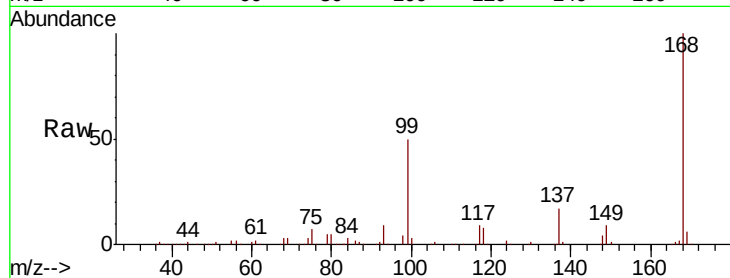
NS-092818

Tot Ion:168 Resp: 224893

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

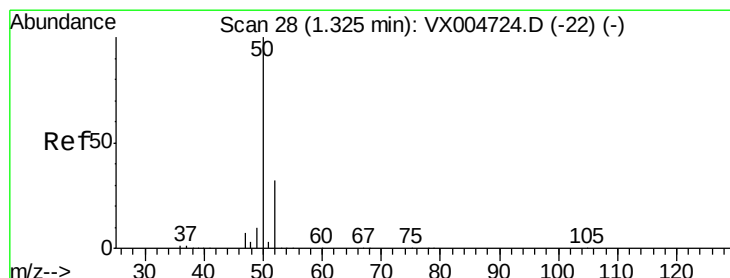
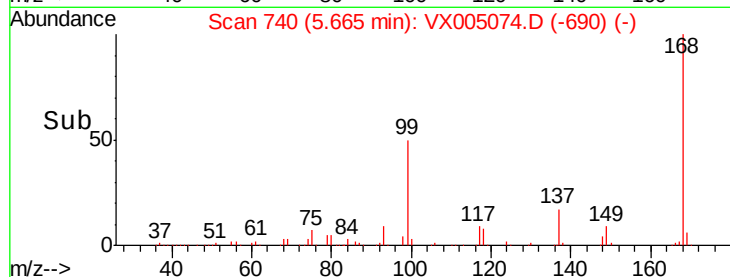
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.557 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005074.D

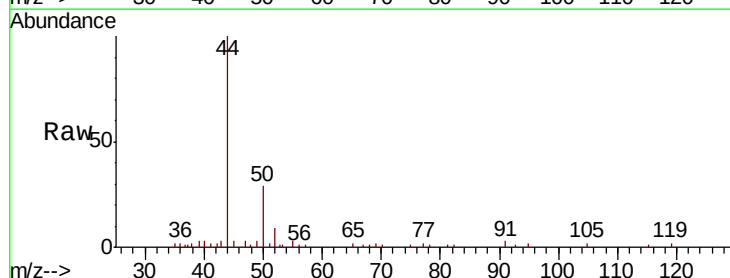
Acq: 05 Oct 2018 18:51

Tgt Ion: 50 Resp: 2073

Ion Ratio Lower Upper

50 100

52 30.7 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1500

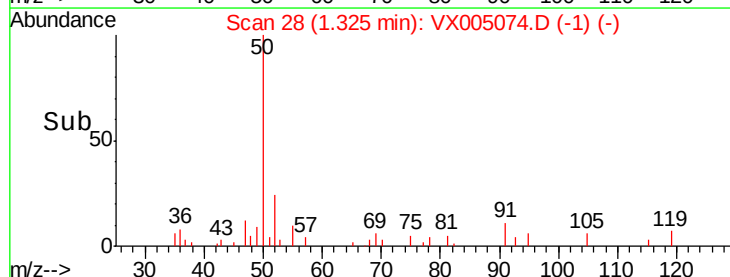
1000

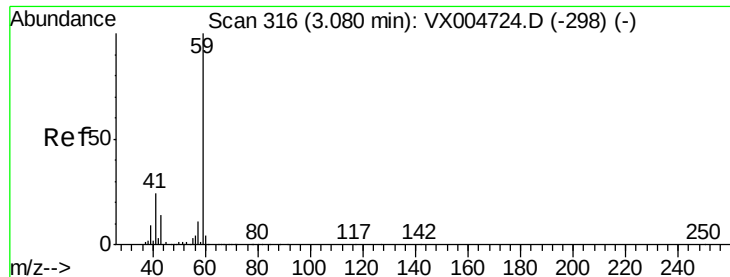
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0

Time-->

1.25 1.30 1.35



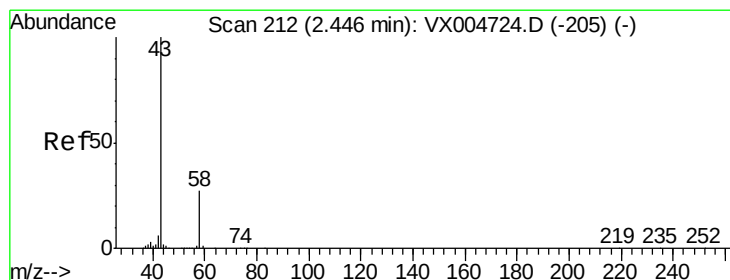
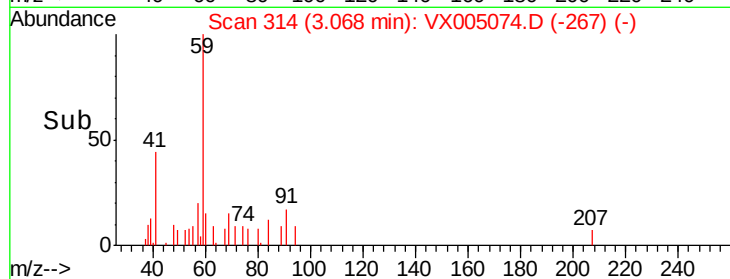
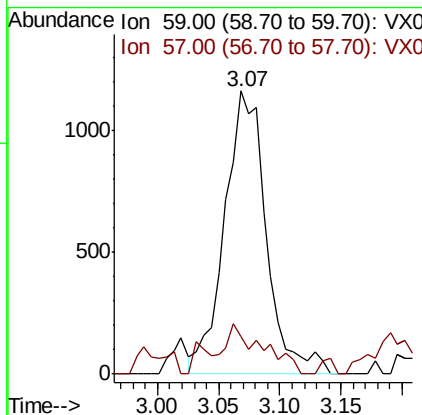
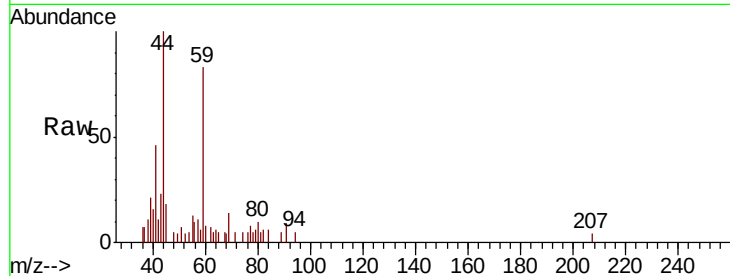


#11

Tert butyl alcohol
 Concen: 3.064 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX005074.D
 Acq: 05 Oct 2018 18:51

Instrument :
 MSVOA_X
 ClientSampled :
 NS-092818

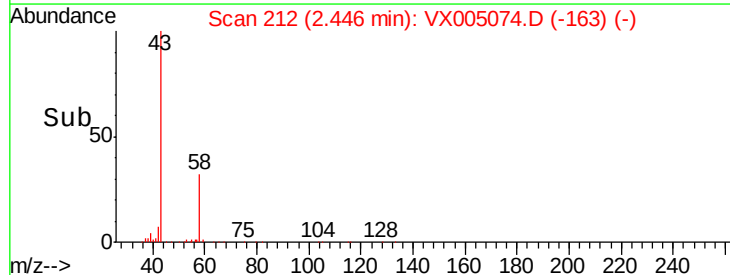
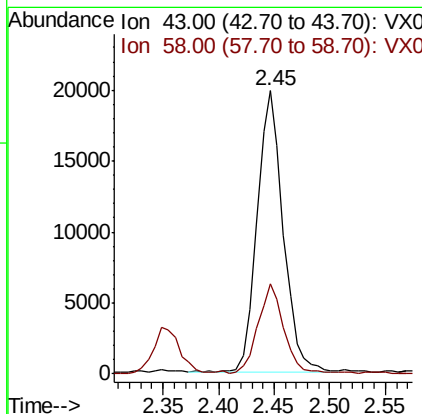
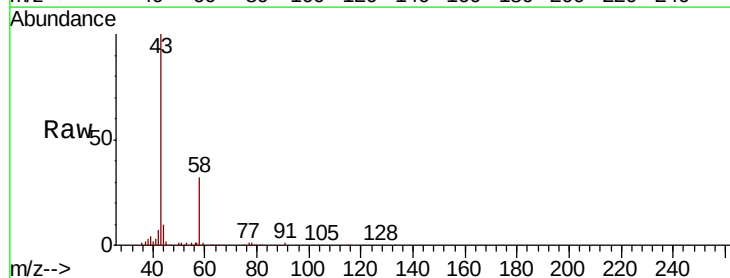
Tot Ion: 59 Resp: 2752
 Ion Ratio Lower Upper
 59 100
 57 16.2 8.6 12.8#

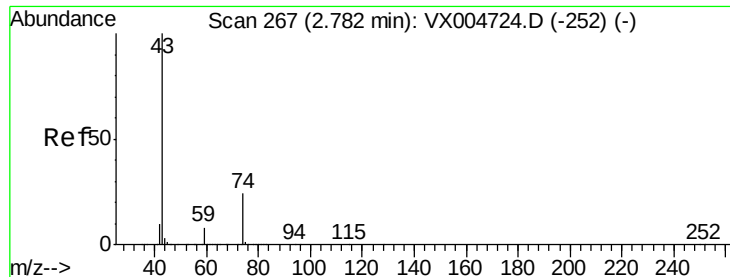


#16

Acetone
 Concen: 17.223 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005074.D
 Acq: 05 Oct 2018 18:51

Tgt Ion: 43 Resp: 32303
 Ion Ratio Lower Upper
 43 100
 58 31.3 21.8 32.6

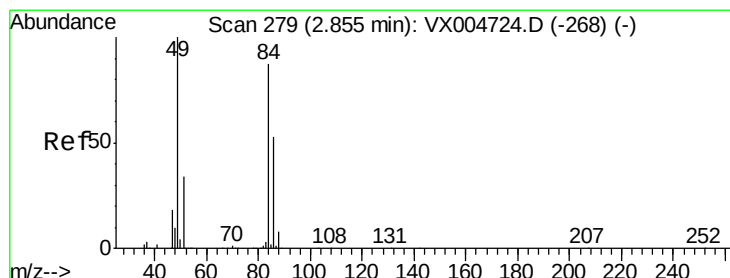
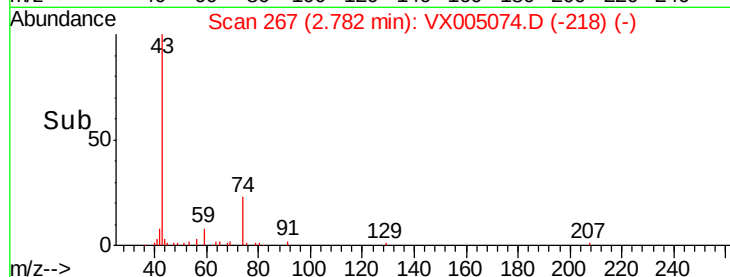
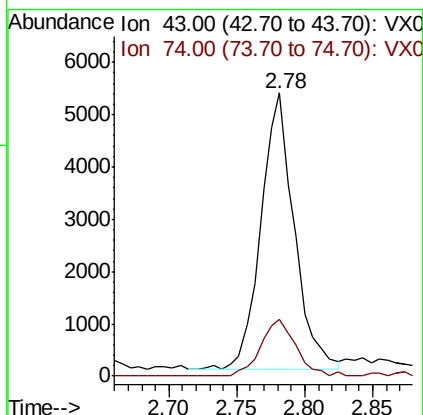
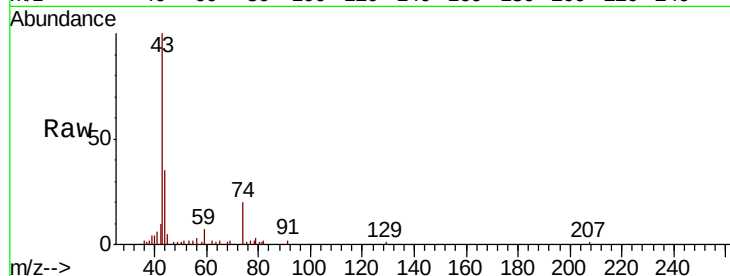




#18
Methvl Acetate
Concen: 1.913 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005074.D
Acq: 05 Oct 2018 18:51

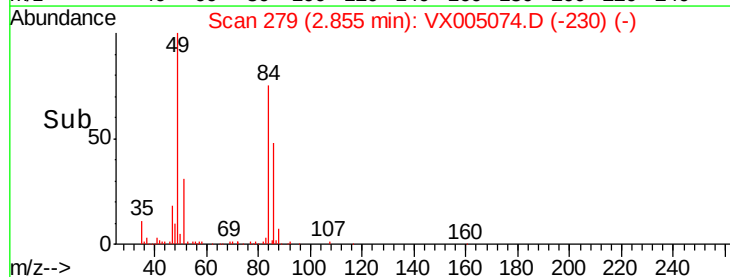
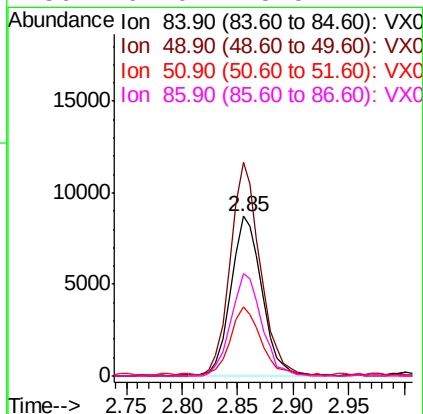
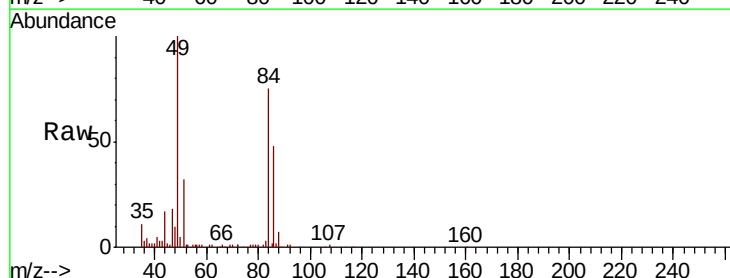
Instrument :
MSVOA_X
ClientSampleId :
NS-092818

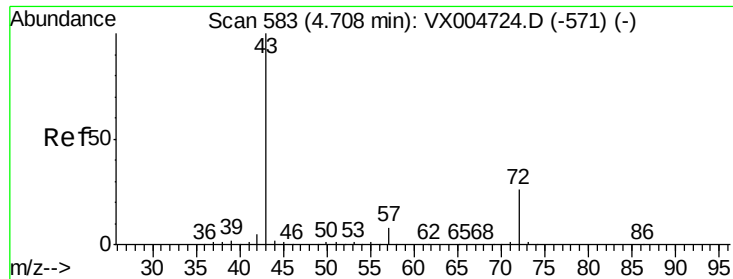
Tot Ion: 43 Resp: 9089
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 5.435 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005074.D
Acq: 05 Oct 2018 18:51

Tgt Ion: 84 Resp: 16862
Ion Ratio Lower Upper
84 100
49 133.5 92.3 138.5
51 42.1 31.8 47.6
86 64.0 48.5 72.7

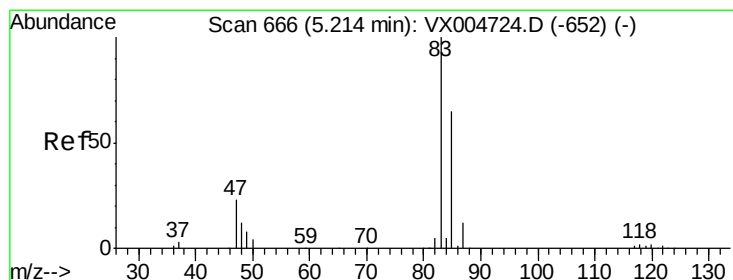
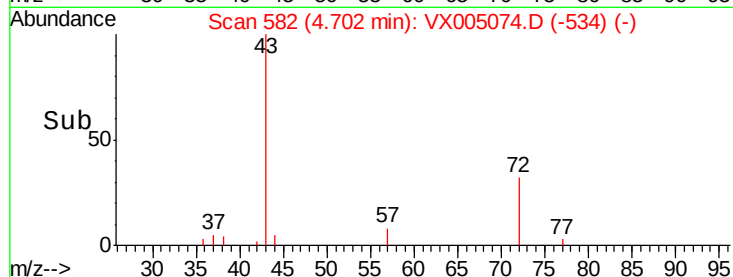
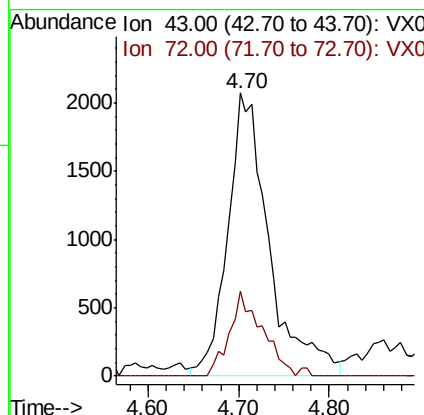
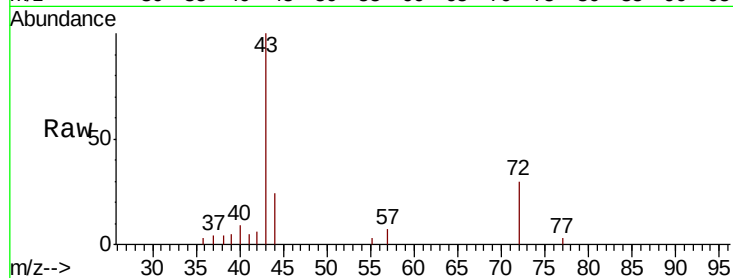




#25
2-Butanone
Concen: 2.388 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005074.D
Acq: 05 Oct 2018 18:51

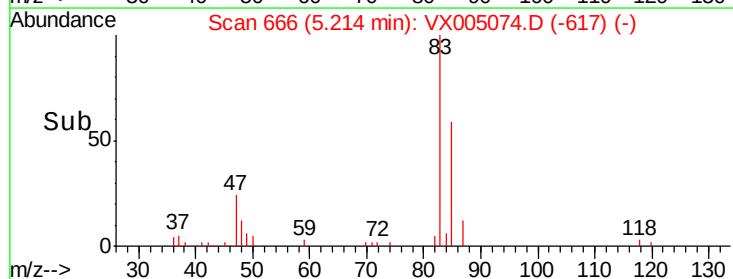
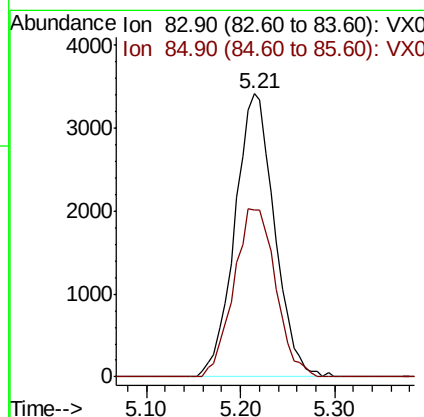
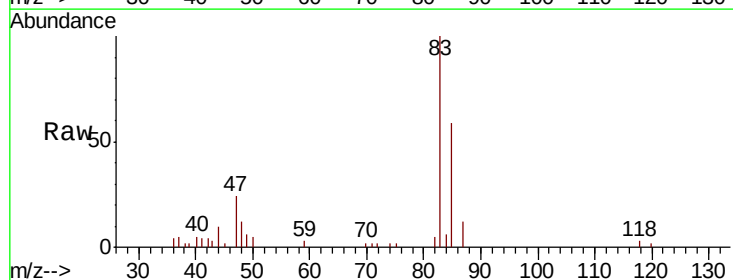
Instrument :
MSVOA_X
ClientSampled :
NS-092818

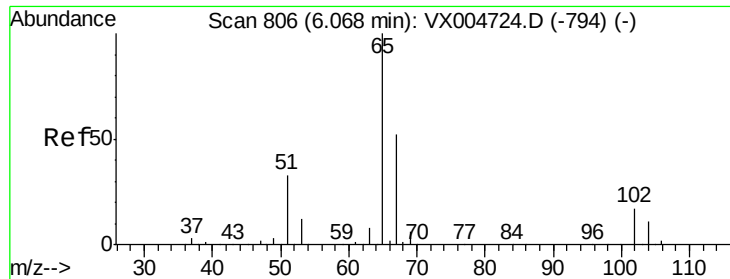
Tot Ion: 43 Resp: 6603
Ion Ratio Lower Upper
43 100
72 31.1 20.8 31.2



#30
Chloroform
Concen: 1.987 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005074.D
Acq: 05 Oct 2018 18:51

Tgt Ion: 83 Resp: 10027
Ion Ratio Lower Upper
83 100
85 58.9 52.4 78.6

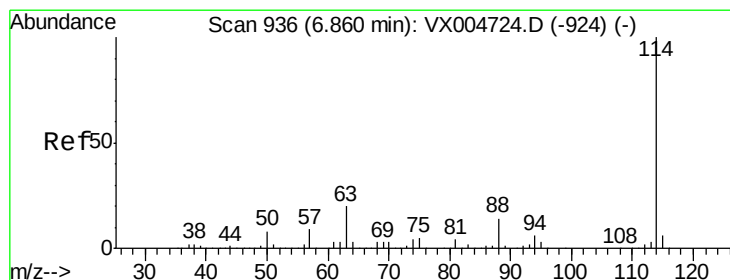
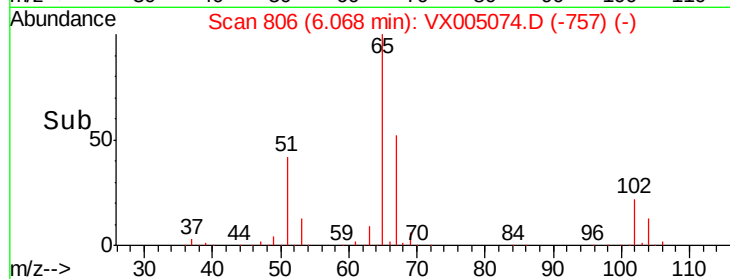
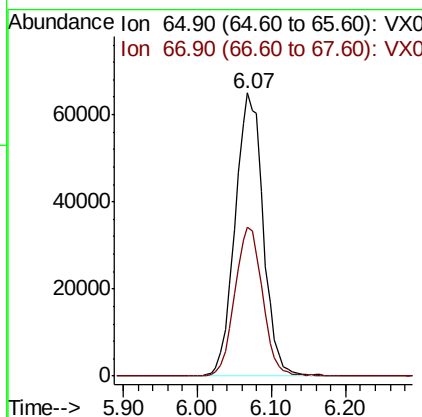
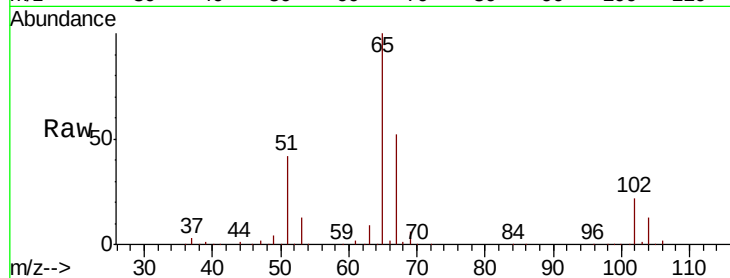




#33
 1,2-Dichloroethane-d4
 Concen: 53.490 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005074.D
 Acq: 05 Oct 2018 18:51

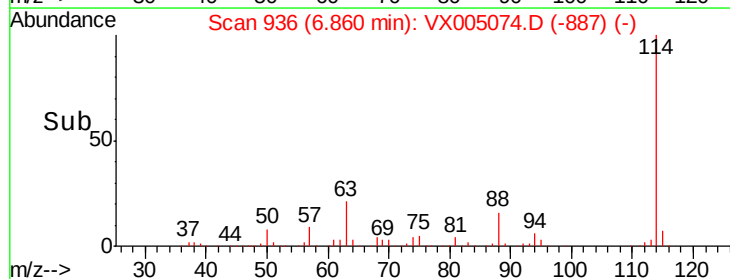
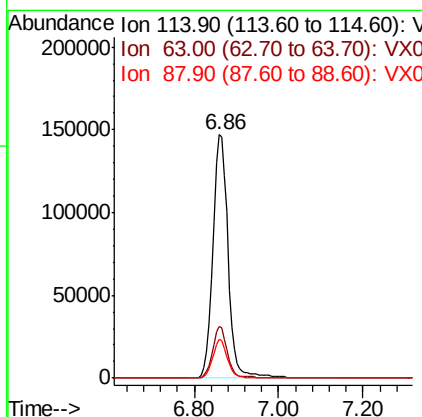
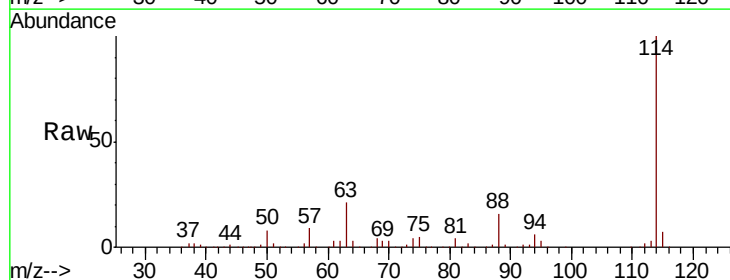
Instrument :
 MSVOA_X
 ClientSampleId :
 NS-092818

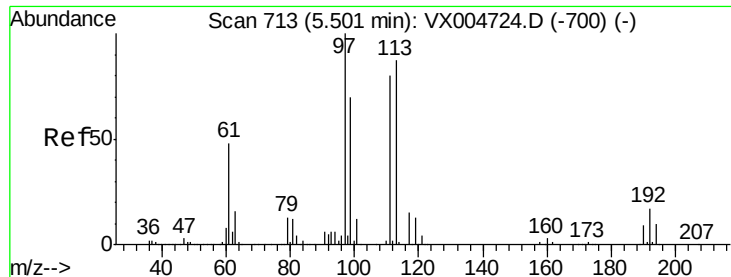
Tot Ion: 65 Resp: 171841
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005074.D
 Acq: 05 Oct 2018 18:51

Tgt Ion: 114 Resp: 370926
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 44.800 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005074.D

Acq: 05 Oct 2018 18:51

Instrument :

MSVOA_X

ClientSampleId :

NS-092818

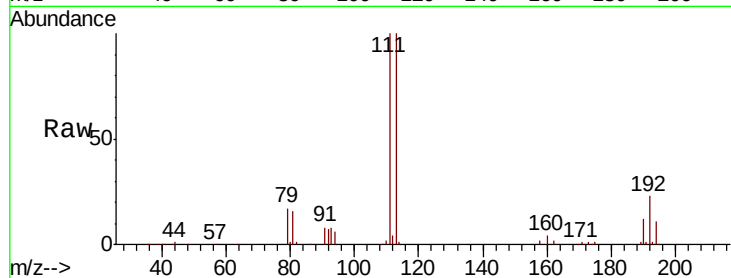
Tot Ion:113 Resp: 140835

Ion Ratio Lower Upper

113 100

111 101.4 77.0 115.4

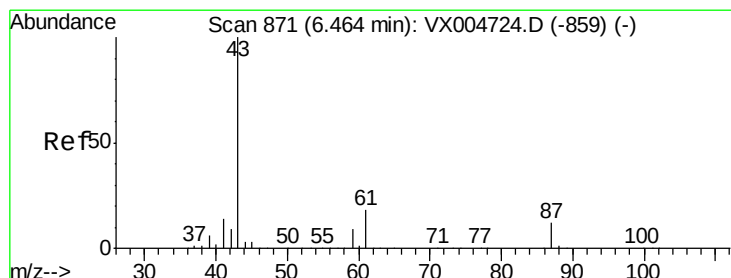
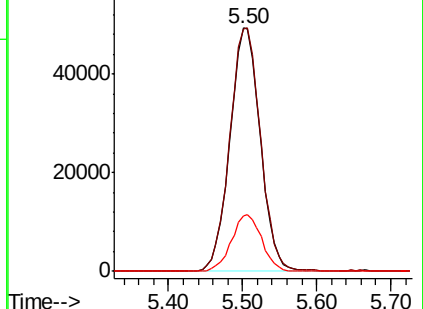
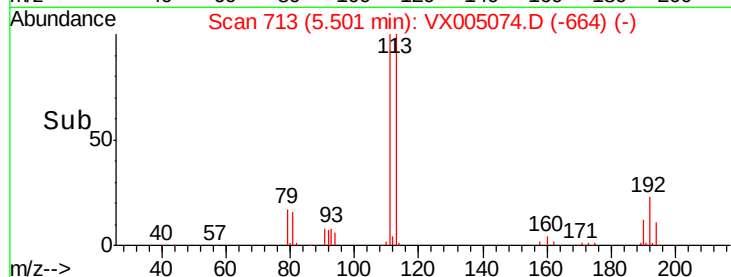
192 23.2 17.0 25.6



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: 23.972 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005074.D

Acq: 05 Oct 2018 18:51

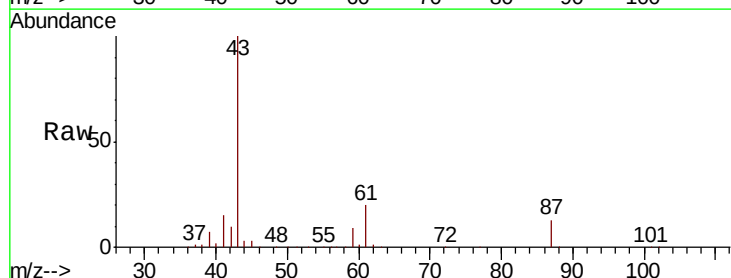
Tgt Ion: 43 Resp: 196992

Ion Ratio Lower Upper

43 100

61 19.4 14.2 21.4

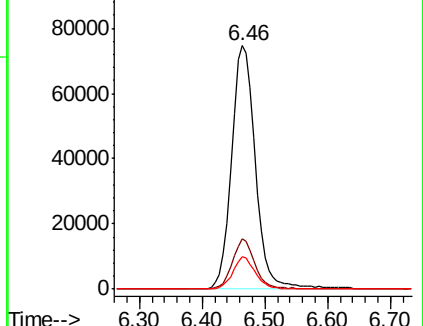
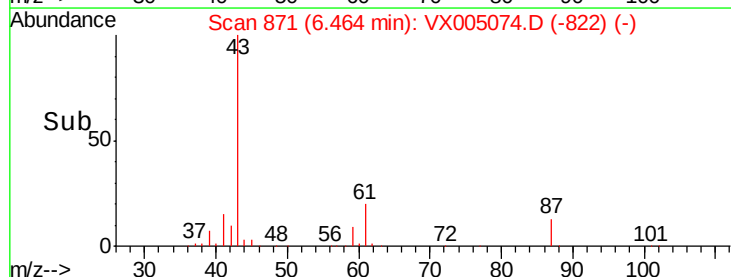
87 12.5 9.3 13.9

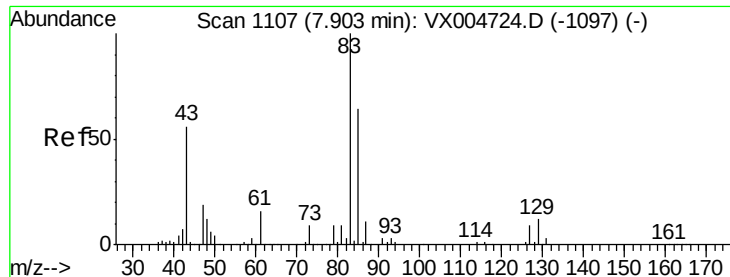


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#47

Bromodichloromethane

Concen: 0.487 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005074.D

Acq: 05 Oct 2018 18:51

Instrument :

MSVOA_X

ClientSampled :

NS-092818

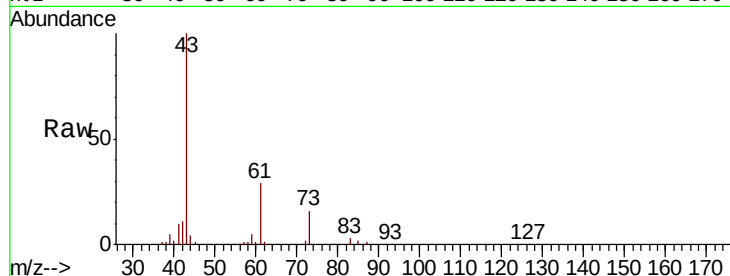
Tot Ion: 83 Resp: 1886

Ion Ratio Lower Upper

83 100

85 73.3 51.2 76.8

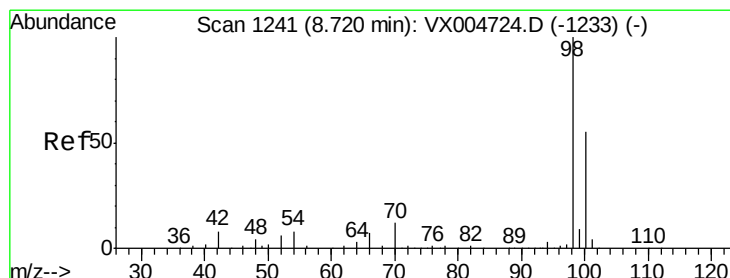
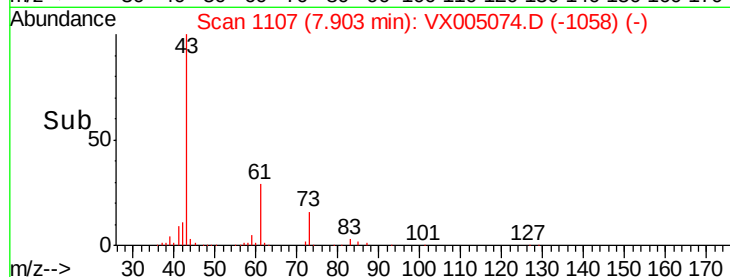
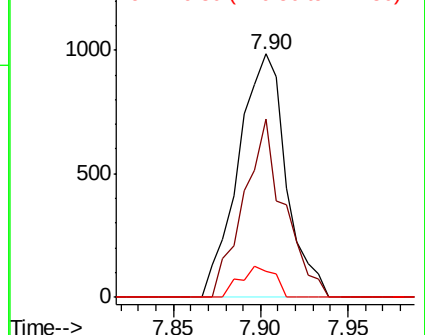
127 10.6 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 50.308 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX005074.D

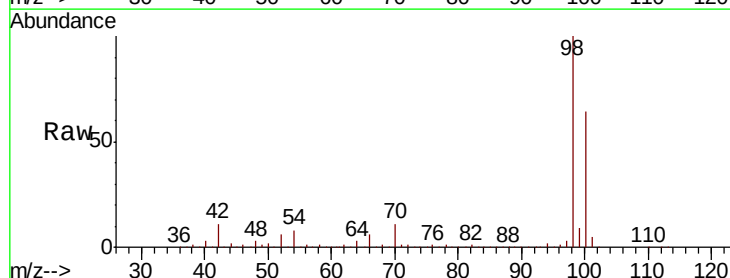
Acq: 05 Oct 2018 18:51

Tgt Ion: 98 Resp: 525774

Ion Ratio Lower Upper

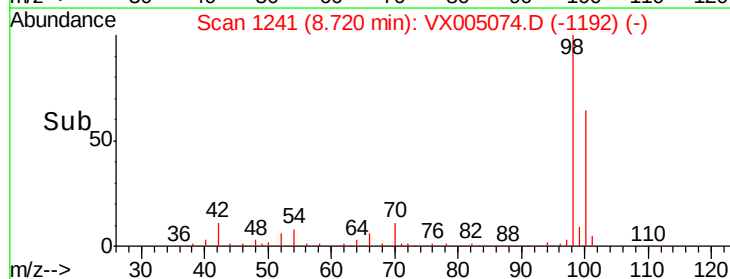
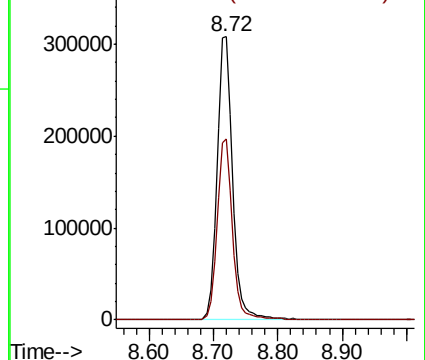
98 100

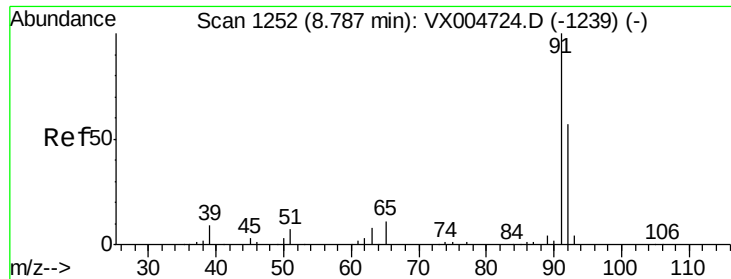
100 62.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.387 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005074.D

Acq: 05 Oct 2018 18:51

Instrument :

MSVOA_X

ClientSampleId :

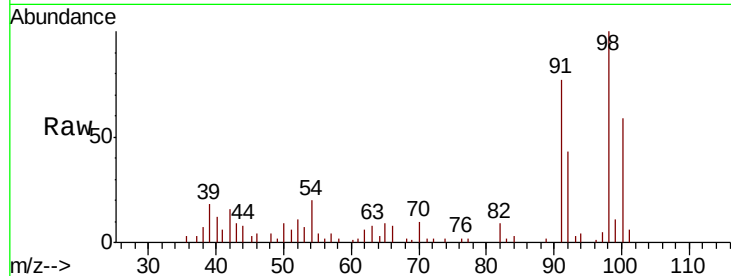
NS-092818

Tot Ion: 92 Resp: 2855

Ion Ratio Lower Upper

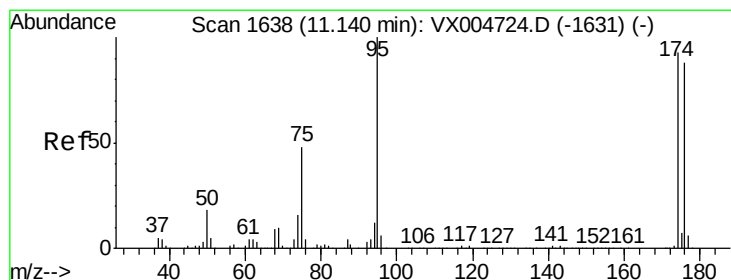
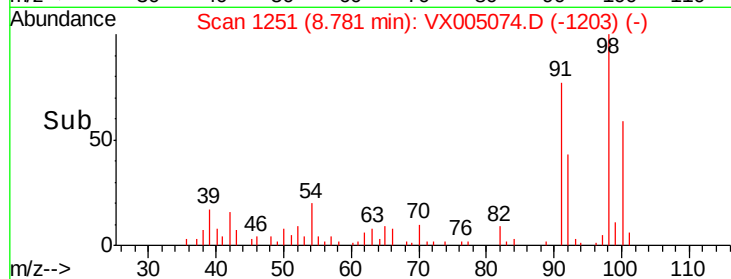
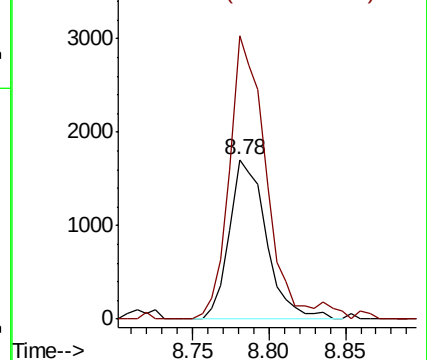
92 100

91 173.6 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 52.013 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005074.D

Acq: 05 Oct 2018 18:51

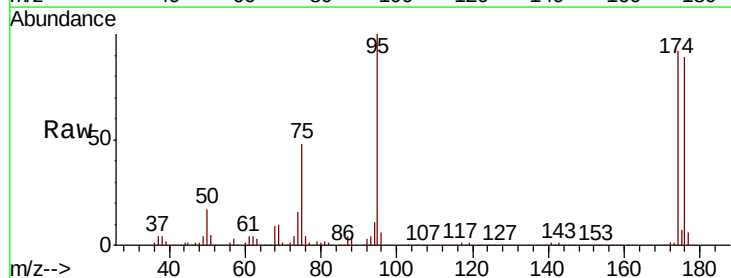
Tgt Ion: 95 Resp: 195832

Ion Ratio Lower Upper

95 100

174 90.8 0.0 185.0

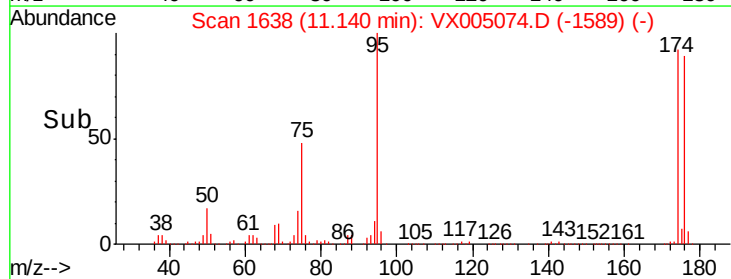
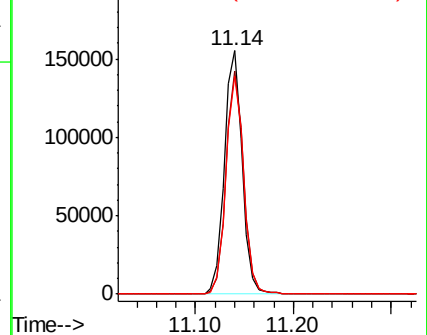
176 89.1 0.0 180.2

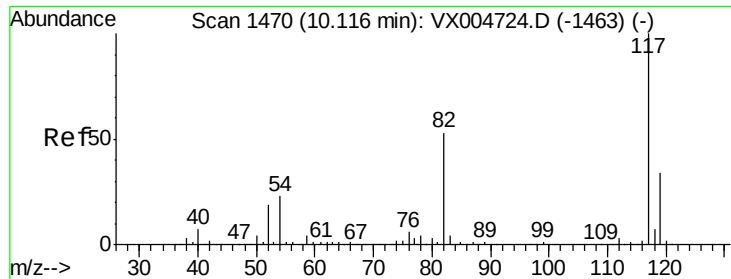


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005074.D

Acq: 05 Oct 2018 18:51

Instrument :

MSVOA_X

ClientSampleId :

NS-092818

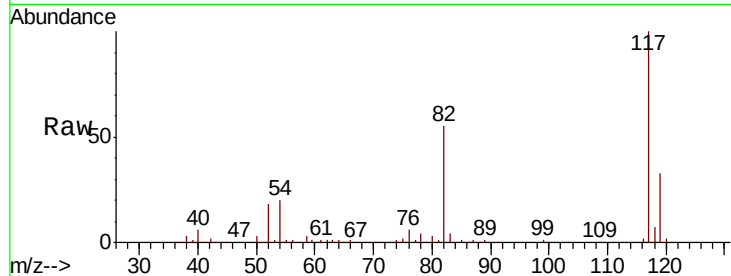
Tot Ion:117 Resp: 359101

Ion Ratio Lower Upper

117 100

82 54.7 42.2 63.4

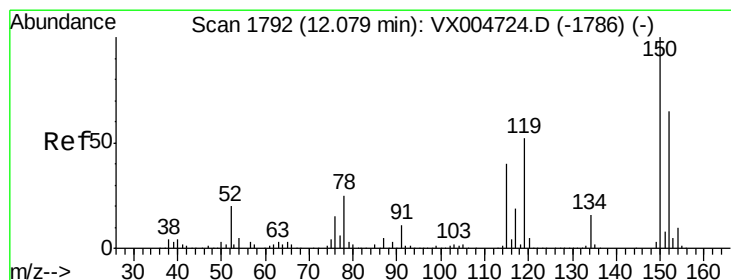
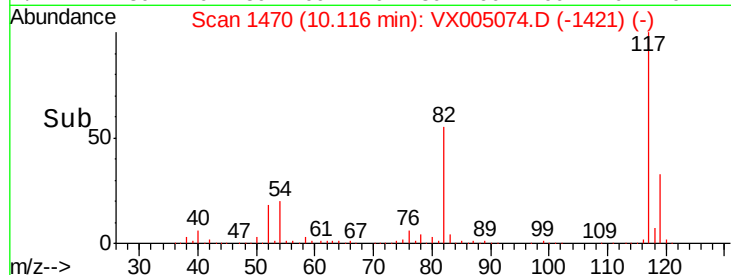
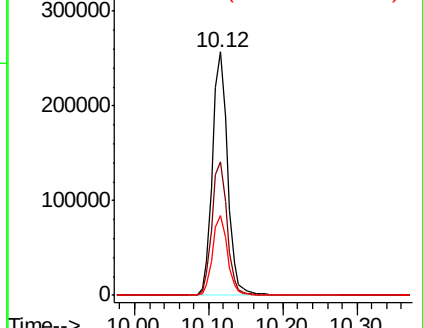
119 32.7 27.4 41.0



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: VX005074.D

Acq: 05 Oct 2018 18:51

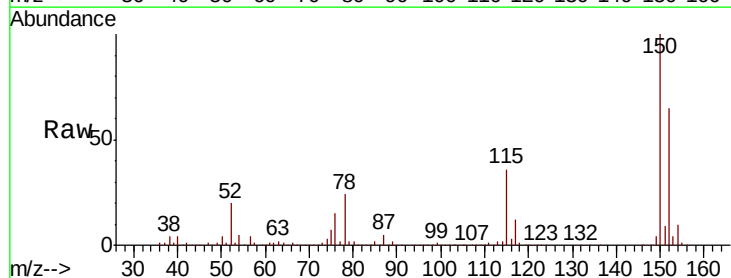
Tgt Ion:152 Resp: 206509

Ion Ratio Lower Upper

152 100

115 55.5 40.2 120.6

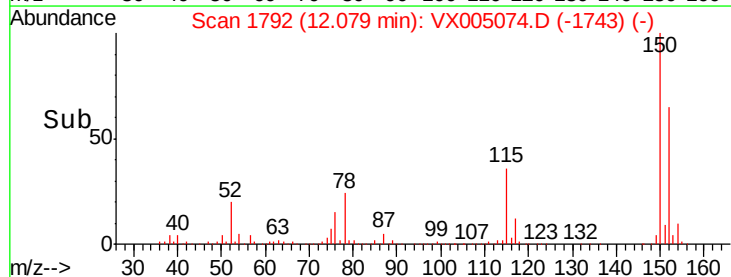
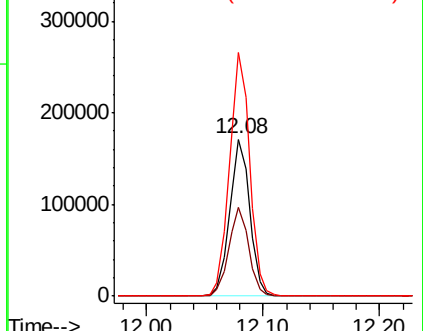
150 155.9 0.0 351.0

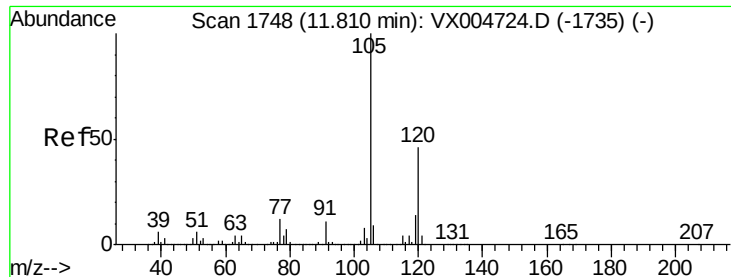


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

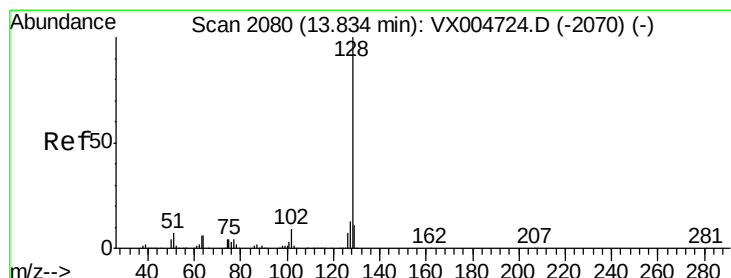
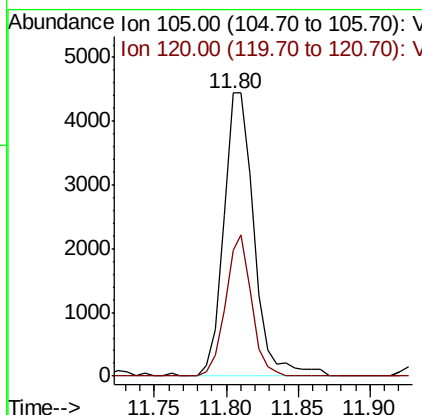
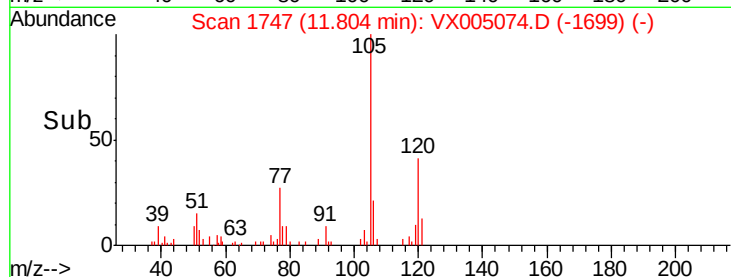
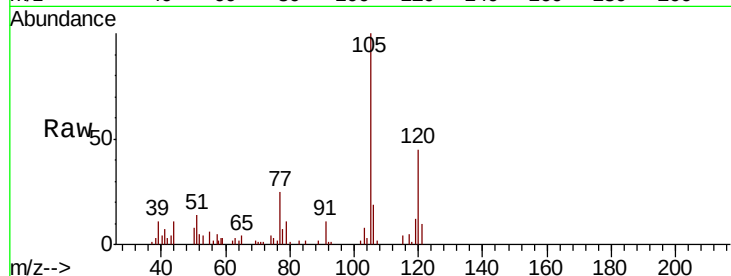




#84
 1,2,4-Trimethylbenzene
 Concen: 0.340 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005074.D
 Acq: 05 Oct 2018 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 NS-092818

Tot Ion:105 Resp: 6595
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.8 68.3



#95
 Naphthalene
 Concen: 8.956 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX005074.D
 Acq: 05 Oct 2018 18:51

Tgt Ion:128 Resp: 143548
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.4 15.6
 129 11.4 8.7 13.1

