

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005819.D
 Acq On : 06 Nov 2018 19:45
 Operator : JC/MD
 Sample : J5827-50
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-E

Quant Time: Nov 07 09:37:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

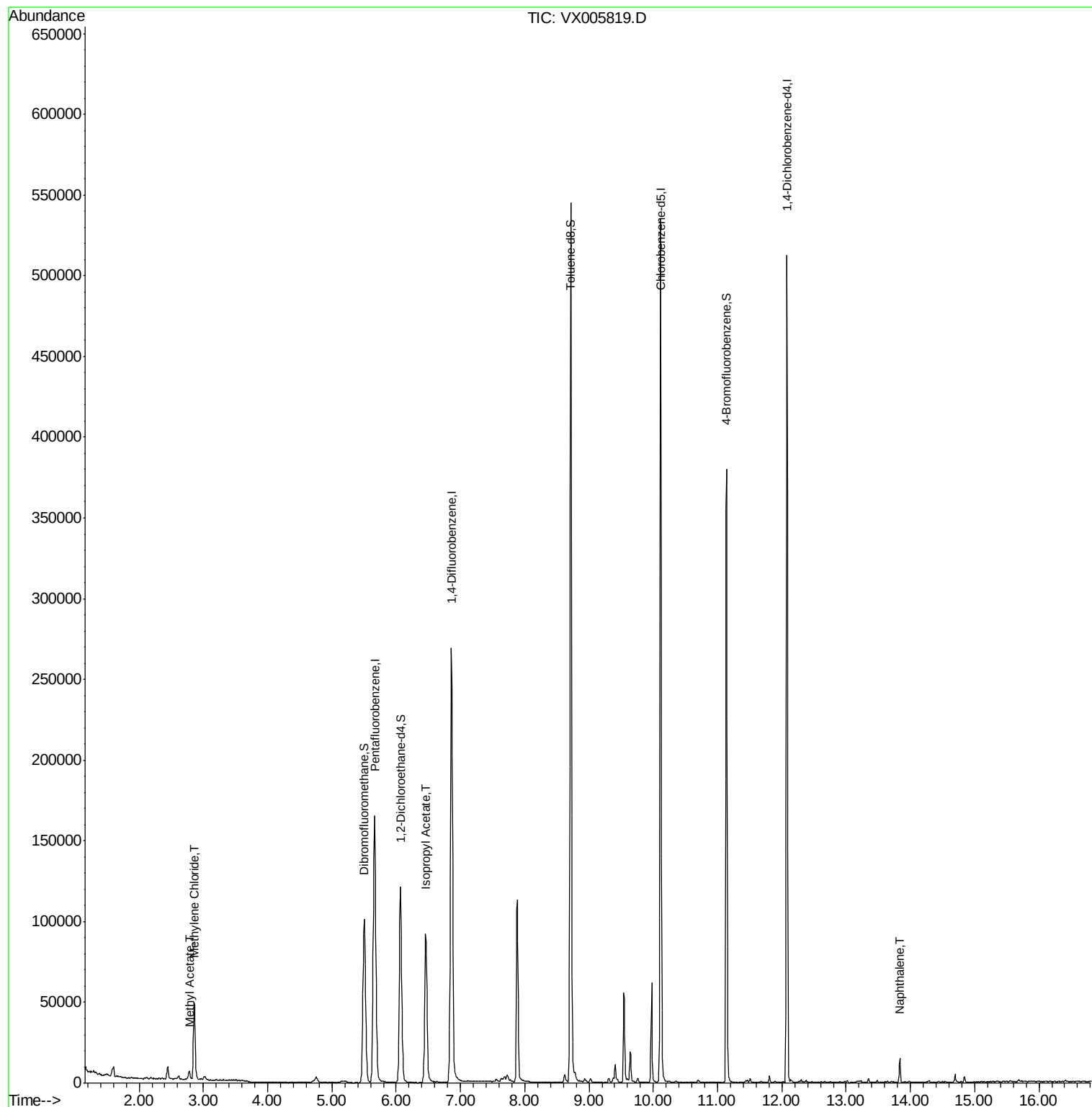
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	152482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	261562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117493	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
35) Dibromofluoromethane	5.51	113	88202	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	330547	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.14	95	98238	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
18) Methyl Acetate	2.78	43	6525	2.039	ug/l	93
20) Methylene Chloride	2.86	84	21530	11.199	ug/l	86
43) Isopropyl Acetate	6.46	43	120033	23.261	ug/l	97
95) Naphthalene	13.83	128	8562	1.261	ug/l	99

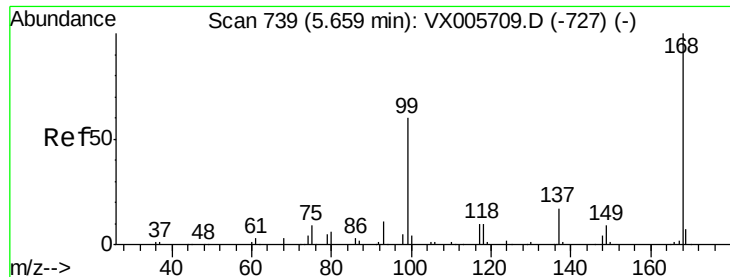
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 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: VX005819.D

Acq: 06 Nov 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

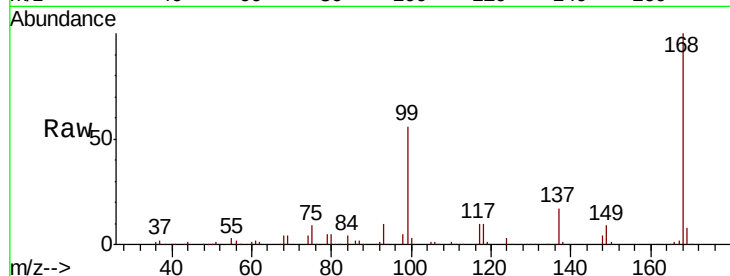
SP-E

Tot Ion:168 Resp: 152482

Ion Ratio Lower Upper

168 100

99 55.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

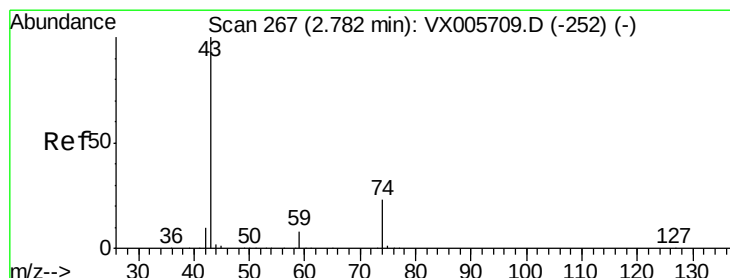
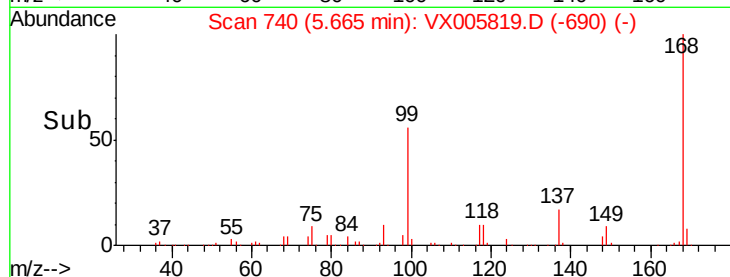
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 2.039 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005819.D

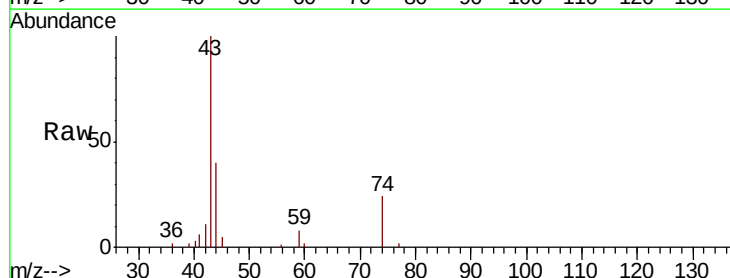
Acq: 06 Nov 2018 19:45

Tgt Ion: 43 Resp: 6525

Ion Ratio Lower Upper

43 100

74 24.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

4000

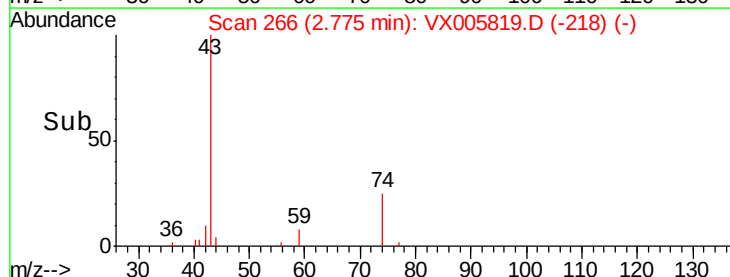
3000

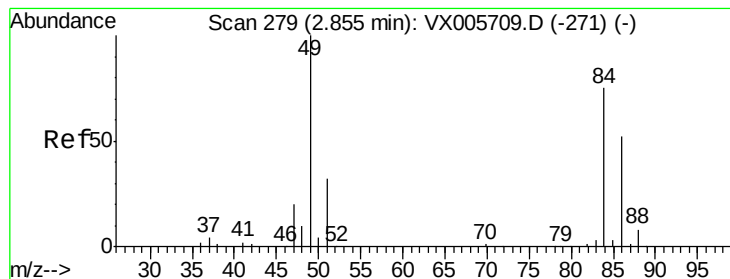
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 11.199 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005819.D

Acq: 06 Nov 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

SP-E

Tot Ion: 84 Resp: 21530

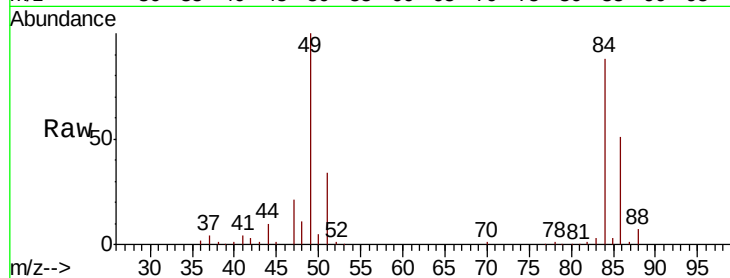
Ion Ratio Lower Upper

84 100

49 114.1 109.5 164.3

51 38.6 33.3 49.9

86 58.4 52.7 79.1



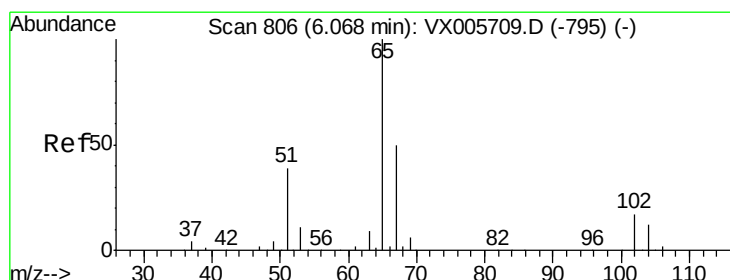
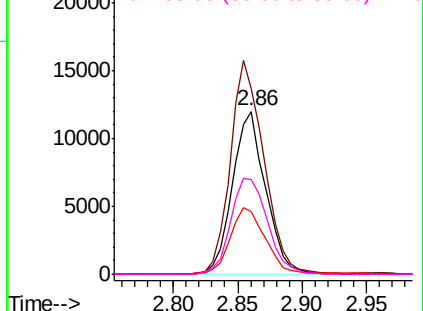
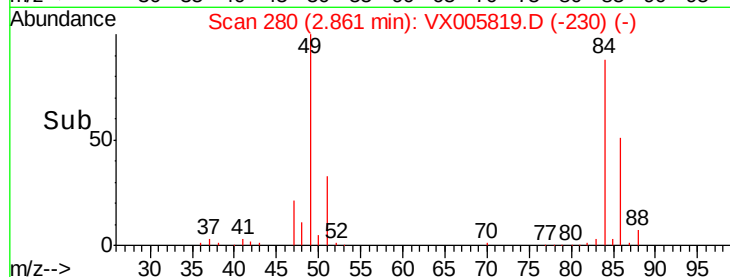
Abundance

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



#33

1,2-Dichloroethane-d4

Concen: 52.704 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005819.D

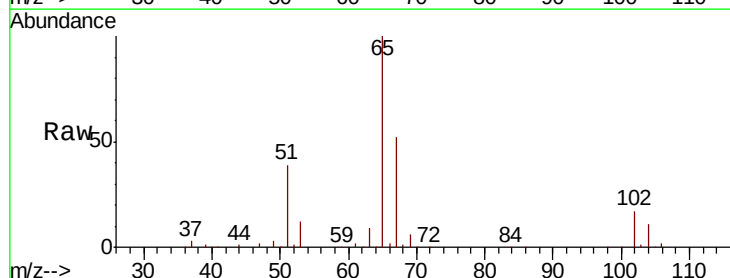
Acq: 06 Nov 2018 19:45

Tgt Ion: 65 Resp: 117493

Ion Ratio Lower Upper

65 100

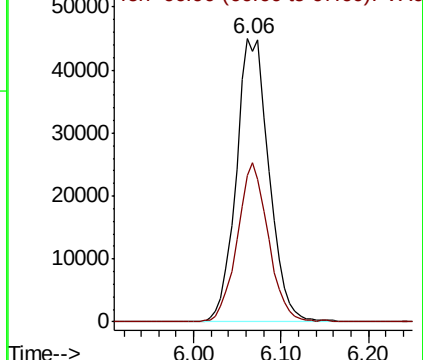
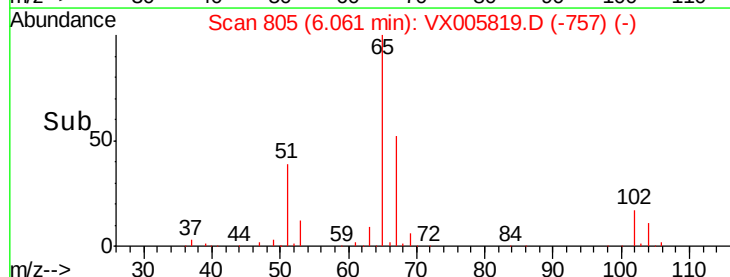
67 53.2 0.0 105.0

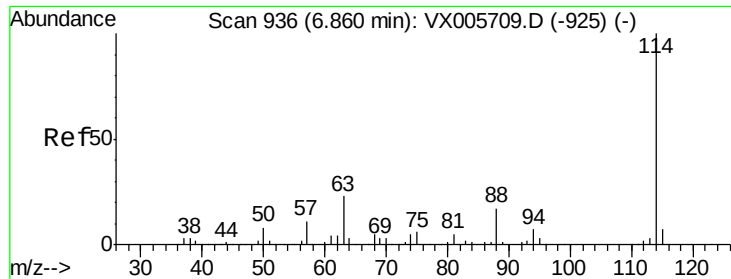


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

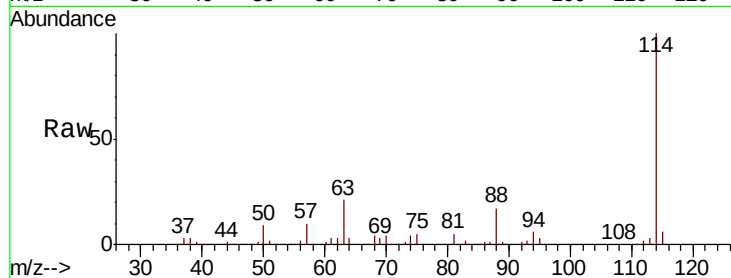




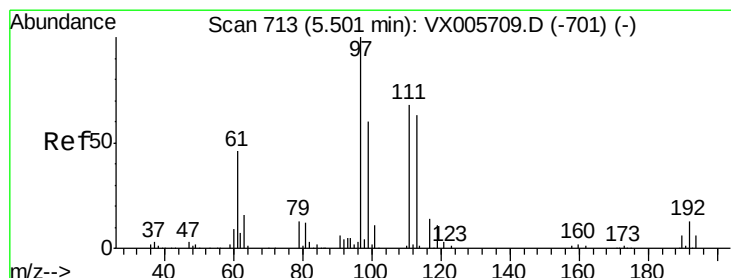
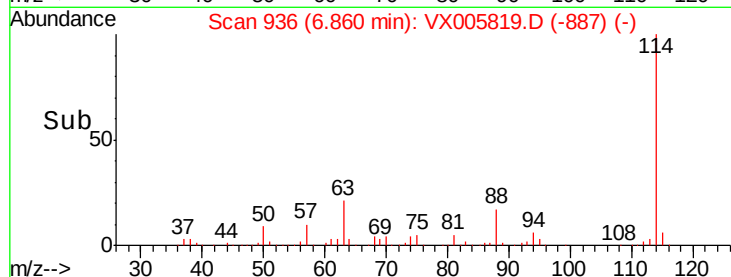
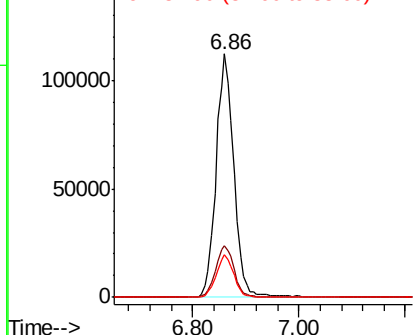
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005819.D
 Acq: 06 Nov 2018 19:45

Instrument :
 MSVOA_X
 ClientSampled :
 SP-E

Tot Ion:114 Resp: 261562
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 17.5 0.0 31.2

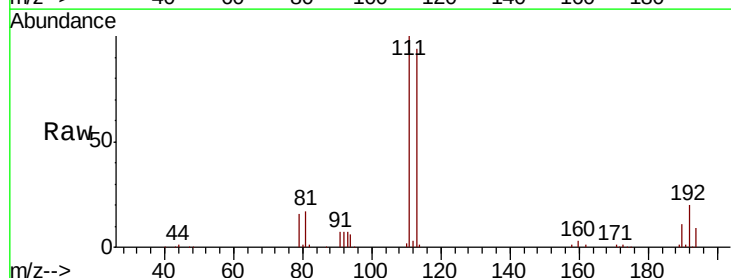


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

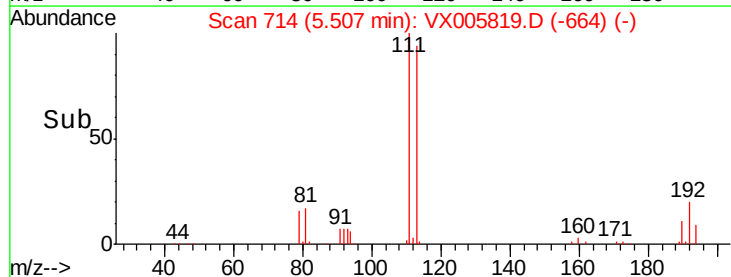
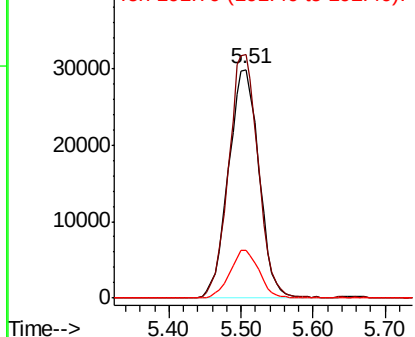


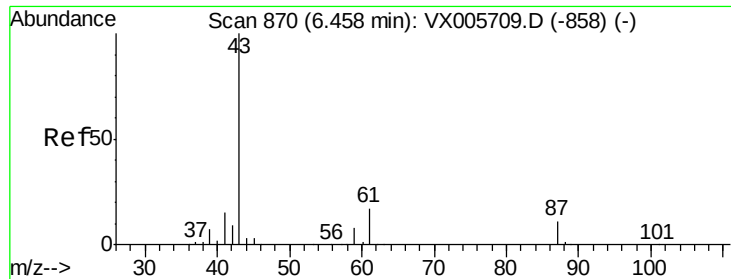
#35
 Dibromofluoromethane
 Concen: 48.701 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005819.D
 Acq: 06 Nov 2018 19:45

Tgt Ion:113 Resp: 88202
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.3 123.5
 192 19.9 17.9 26.9



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: 23.261 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005819.D

Acq: 06 Nov 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

SP-E

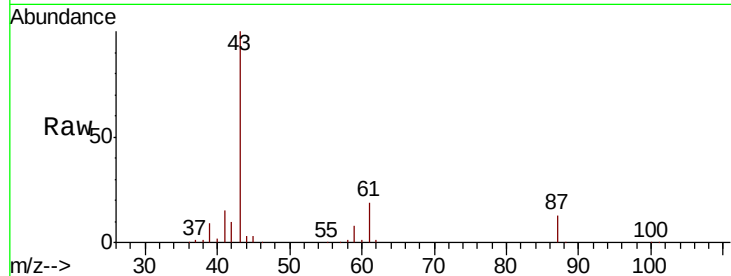
Tot Ion: 43 Resp: 120033

Ion Ratio Lower Upper

43 100

61 19.9 14.6 22.0

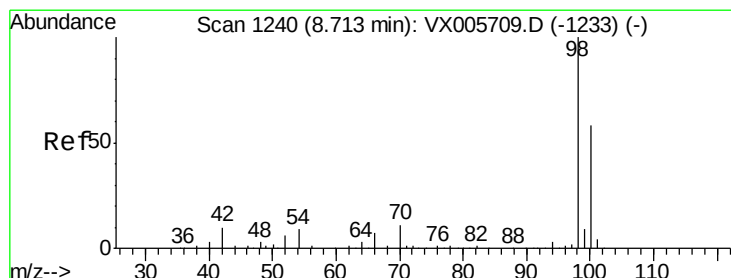
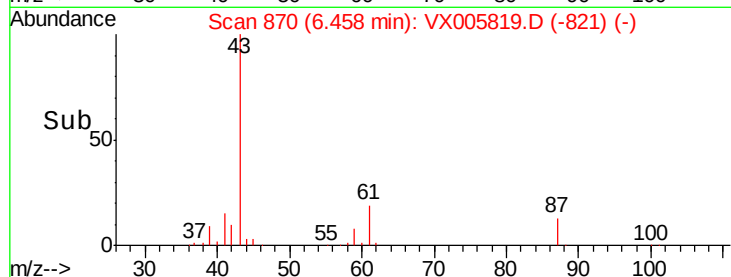
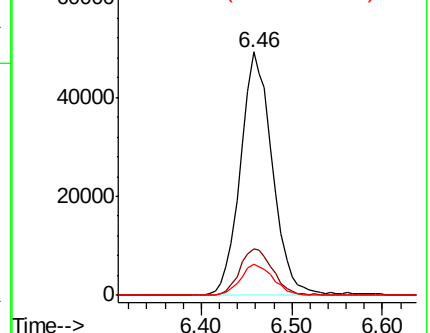
87 13.0 9.6 14.4



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: 52.038 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005819.D

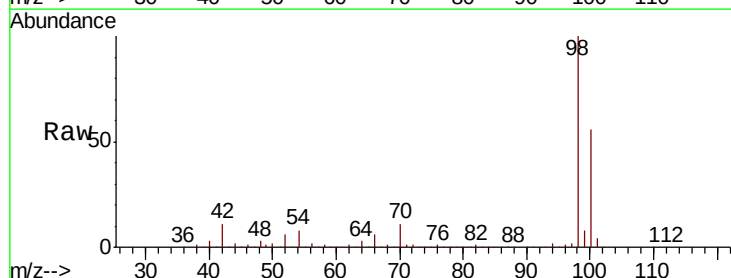
Acq: 06 Nov 2018 19:45

Tgt Ion: 98 Resp: 330547

Ion Ratio Lower Upper

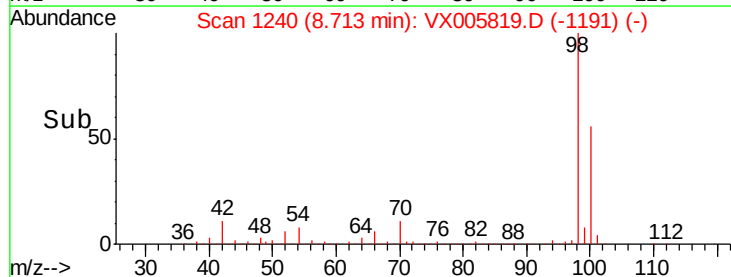
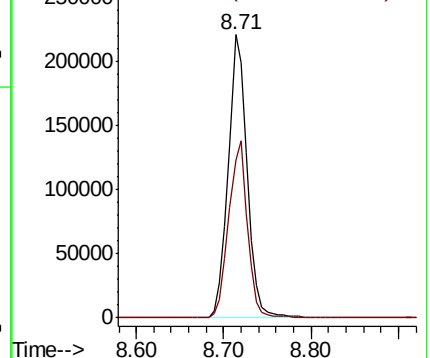
98 100

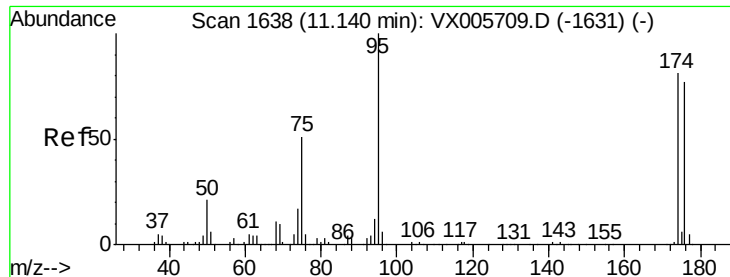
100 62.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.904 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005819.D

Acq: 06 Nov 2018 19:45

Instrument :

MSVOA_X

ClientSampled :

SP-E

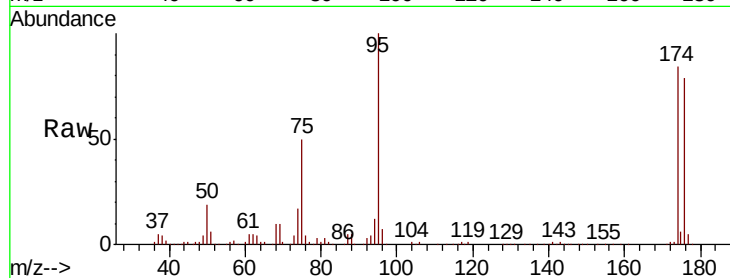
Tot Ion: 95 Resp: 98238

Ion Ratio Lower Upper

95 100

174 81.0 0.0 184.4

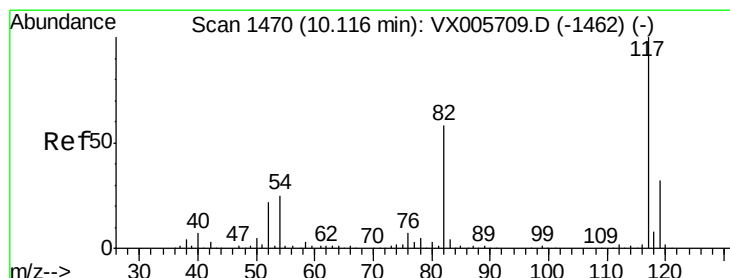
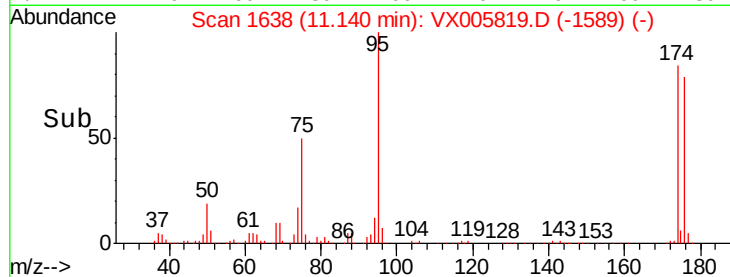
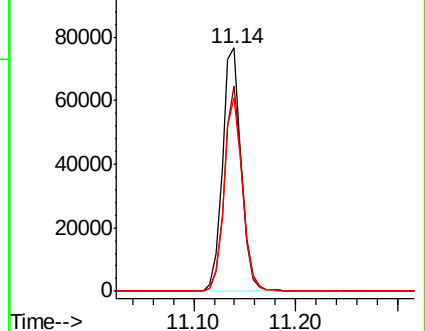
176 77.7 0.0 177.4



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: VX005819.D

Acq: 06 Nov 2018 19:45

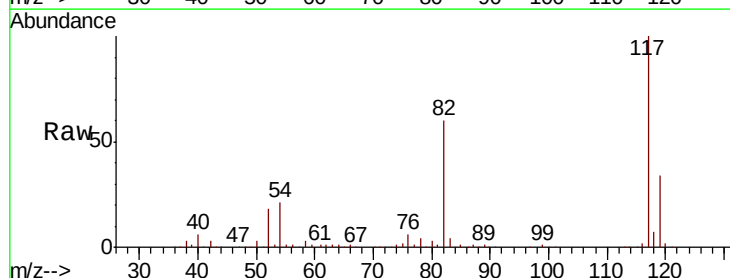
Tgt Ion: 117 Resp: 233201

Ion Ratio Lower Upper

117 100

82 60.3 44.1 66.1

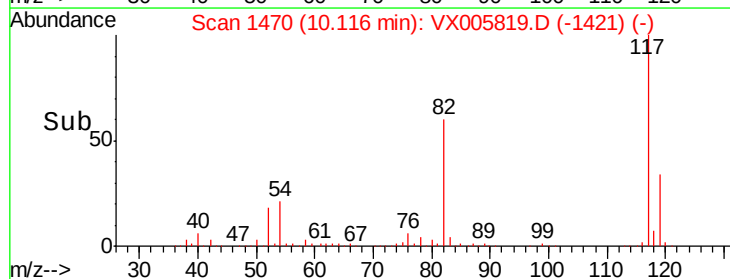
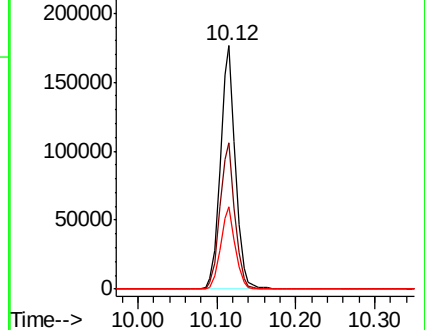
119 33.6 26.2 39.2

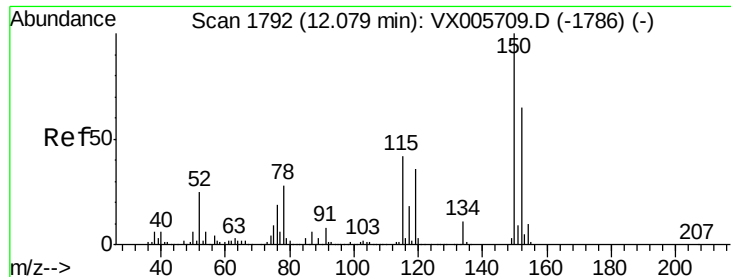


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



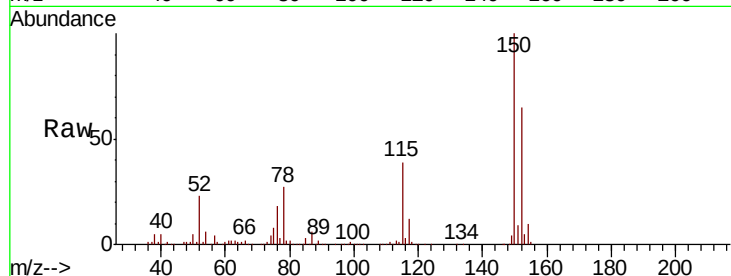


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005819.D
Acq: 06 Nov 2018 19:45

Instrument :
MSVOA_X
ClientSampleId :
SP-E

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	39.4	118.1
150	157.1	0.0	346.4

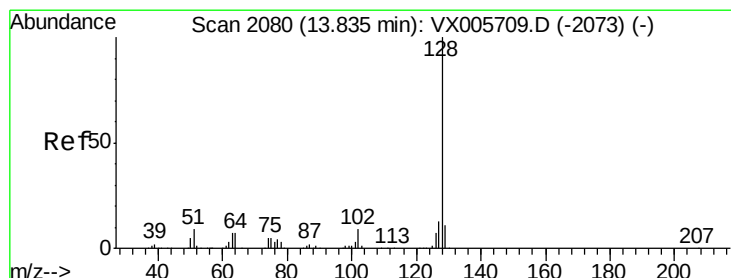
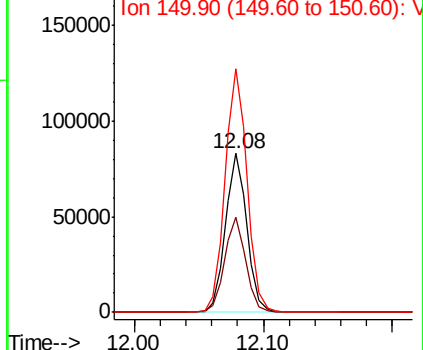
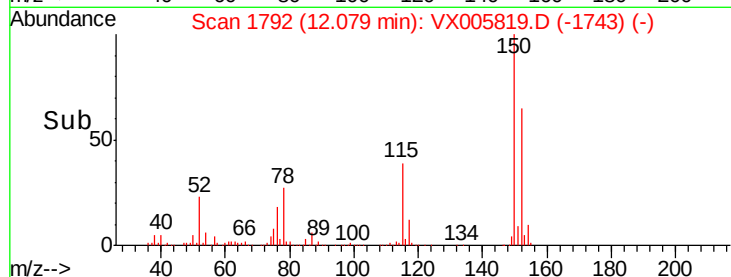


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

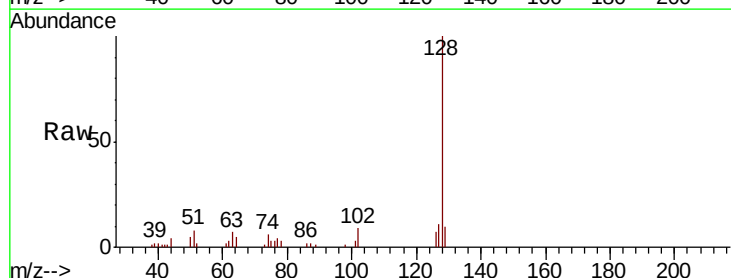
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.261 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005819.D
Acq: 06 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.7	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

