

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007475.D
 Acq On : 11 Feb 2019 18:26
 Operator : JC/SP
 Sample : K1449-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-19-OW

Quant Time: Feb 12 12:28:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

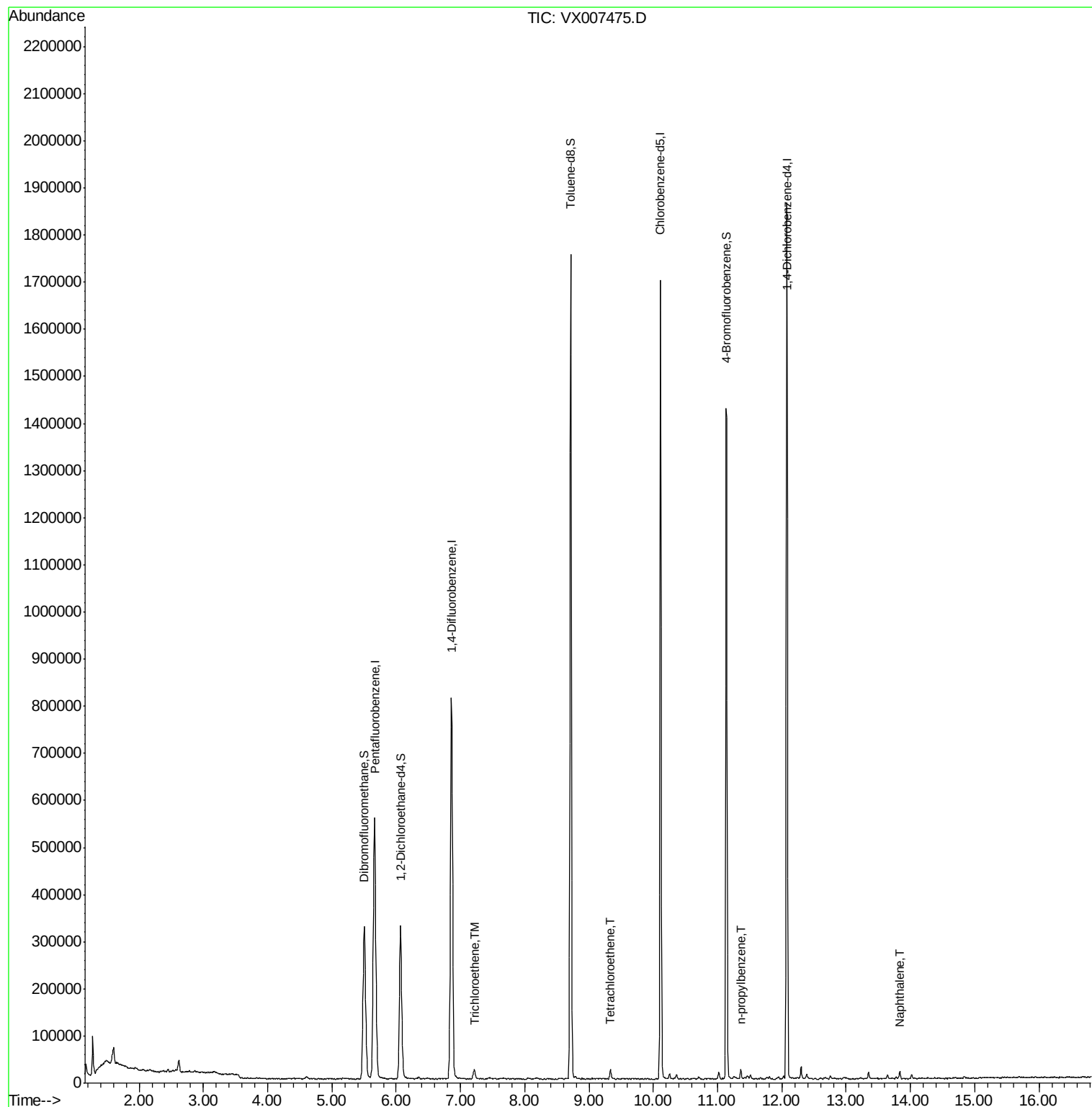
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	575180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	867283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	810354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	296126	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.51	113	273902	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	8.71	98	1034349	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	370086	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
44) Trichloroethene	7.21	130	8716	1.263	ug/l	85
64) Tetrachloroethene	9.34	164	3248	0.425	ug/l #	86
78) n-propylbenzene	11.36	91	9088	0.306	ug/l	93
95) Naphthalene	13.83	128	10329	0.385	ug/l	95

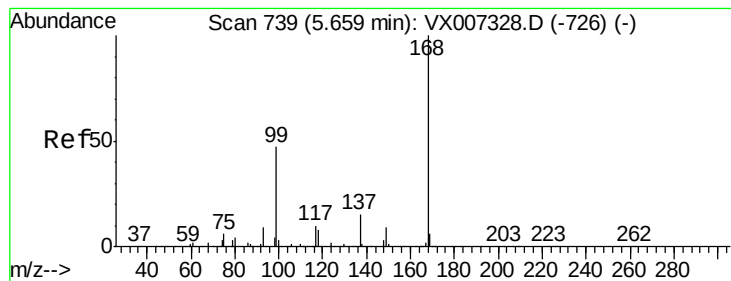
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007475.D

Acq: 11 Feb 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

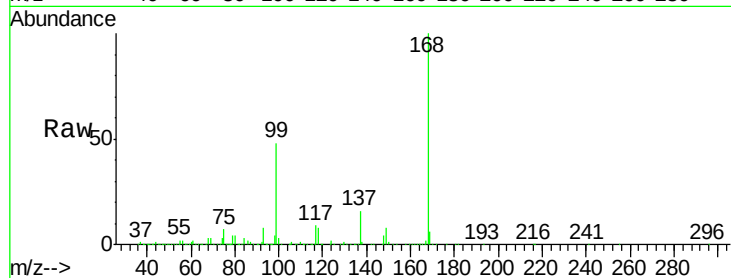
B-19-OW

Tot Ion:168 Resp: 575180

Ion Ratio Lower Upper

168 100

99 47.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

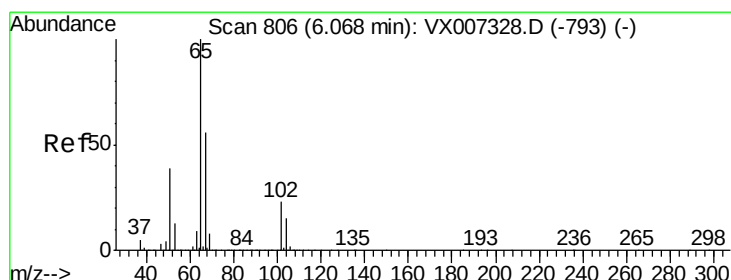
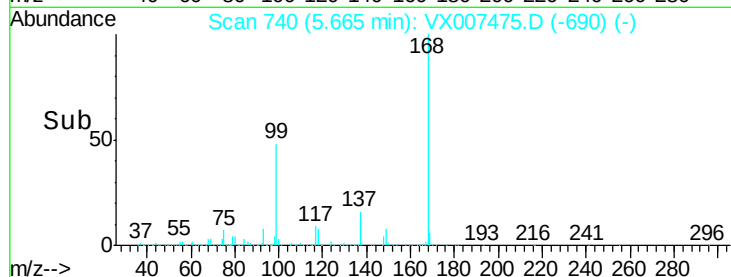
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.505 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007475.D

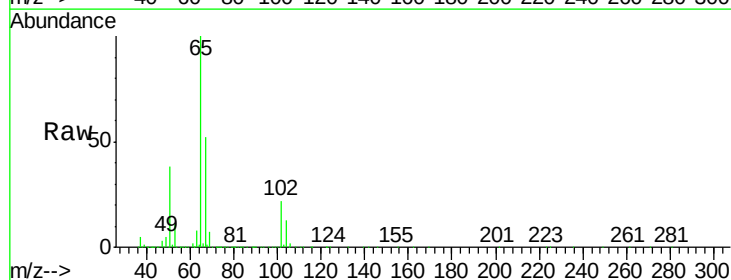
Acq: 11 Feb 2019 18:26

Tgt Ion: 65 Resp: 296126

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

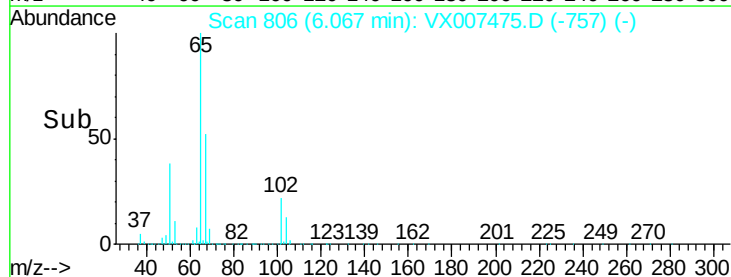
6.07

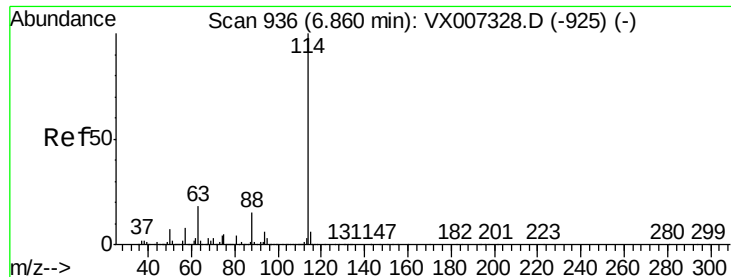
100000

50000

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: VX007475.D

Acq: 11 Feb 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

B-19-OW

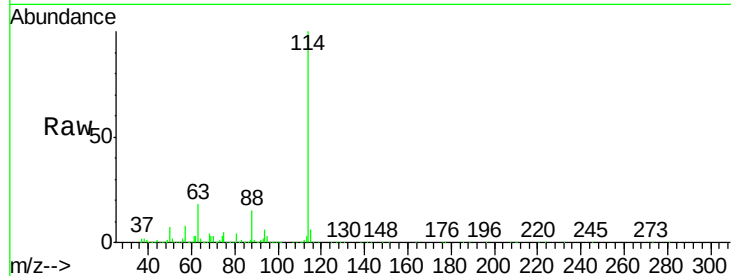
Tot Ion:114 Resp: 867283

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

88 14.8 0.0 29.6



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

400000

300000

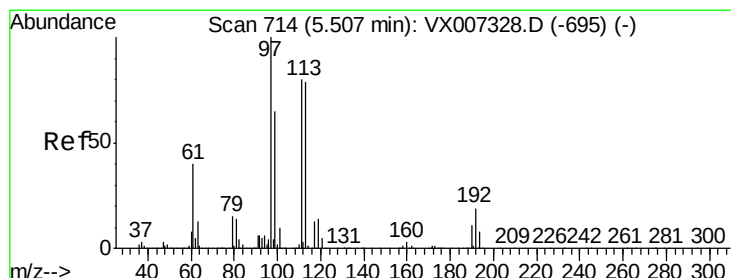
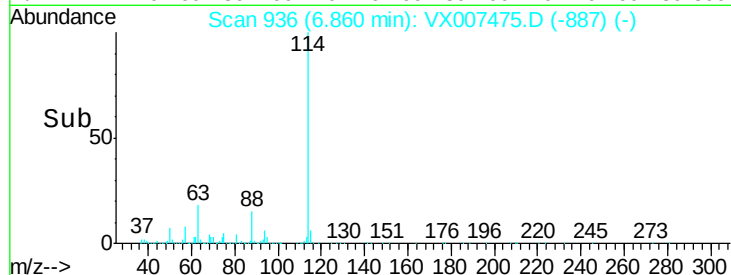
200000

100000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.537 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007475.D

Acq: 11 Feb 2019 18:26

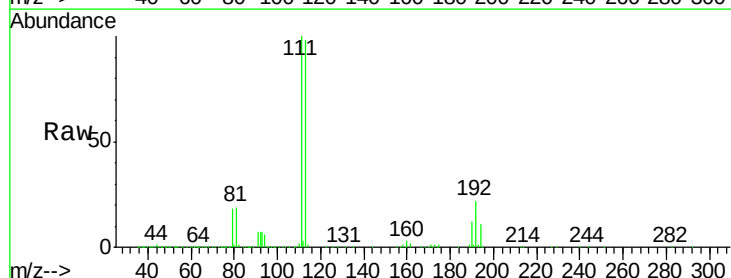
Tgt Ion:113 Resp: 273902

Ion Ratio Lower Upper

113 100

111 100.5 81.8 122.8

192 22.9 18.5 27.7



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

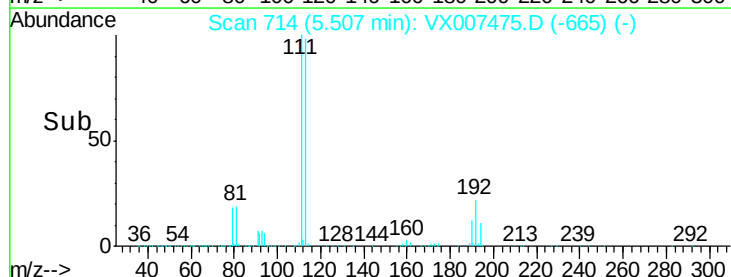
100000

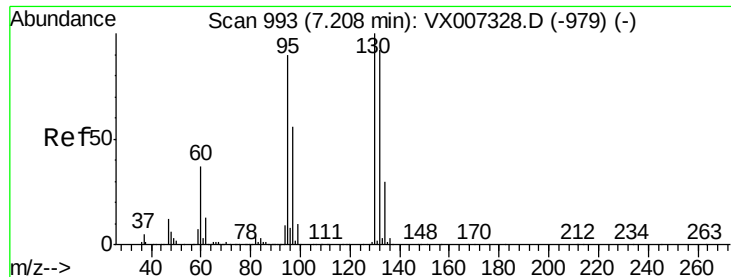
50000

0

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 1.263 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX007475.D

Acq: 11 Feb 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

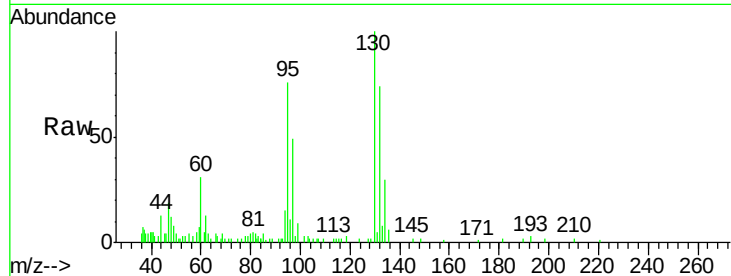
B-19-OW

Tot Ion:130 Resp: 8716

Ion Ratio Lower Upper

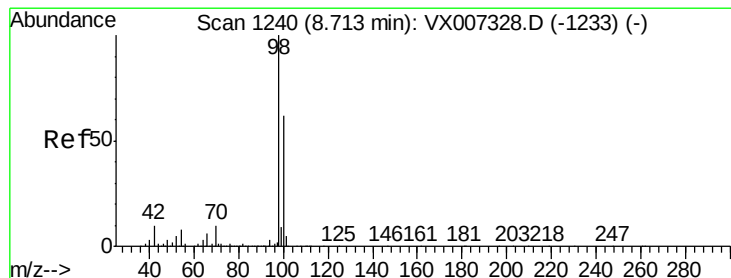
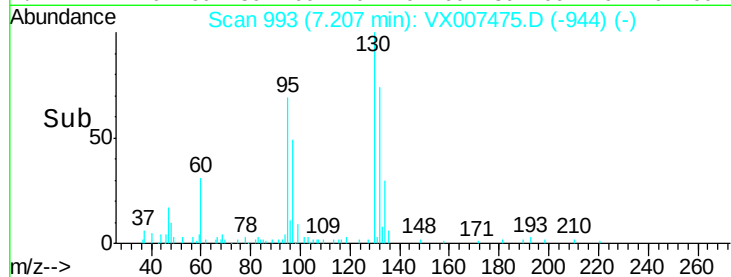
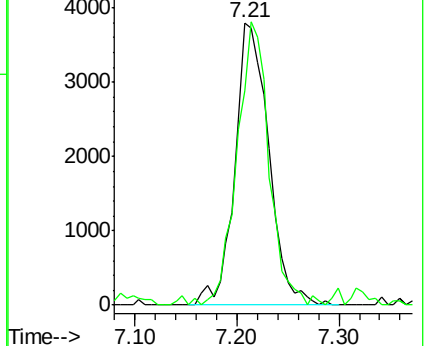
130 100

95 76.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.403 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007475.D

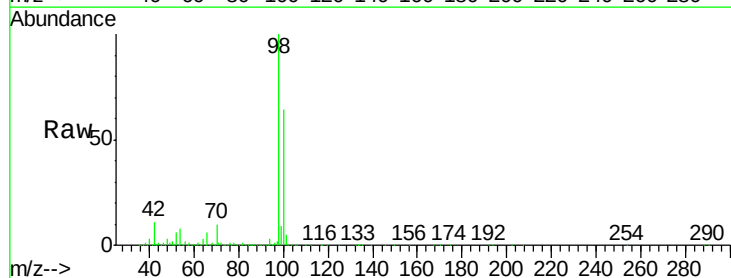
Acq: 11 Feb 2019 18:26

Tgt Ion: 98 Resp: 1034349

Ion Ratio Lower Upper

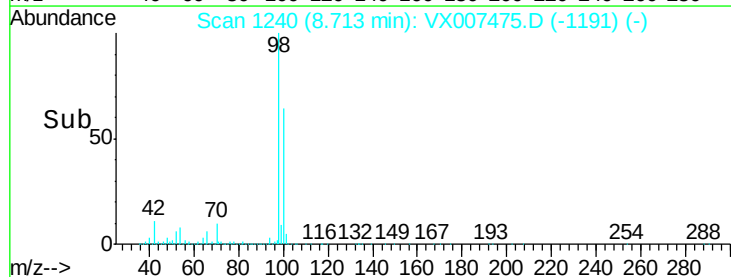
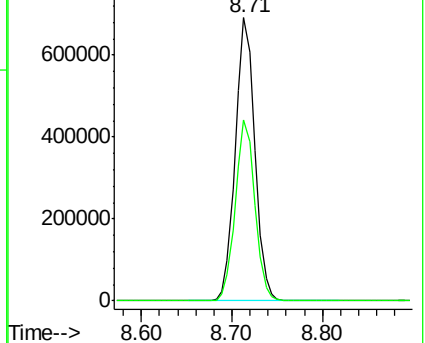
98 100

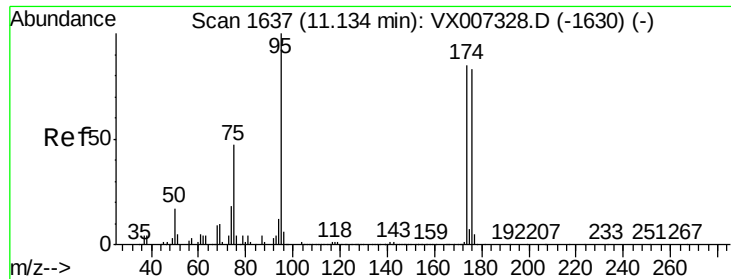
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

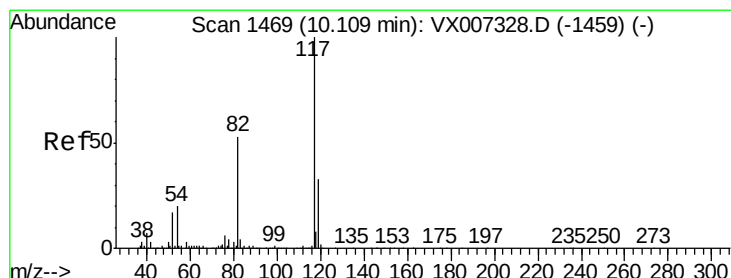
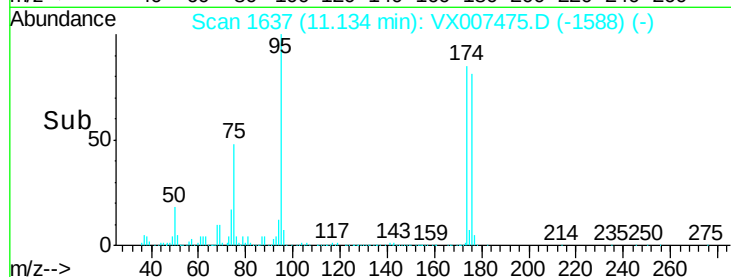
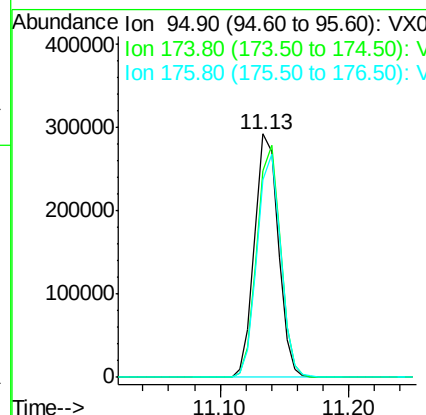
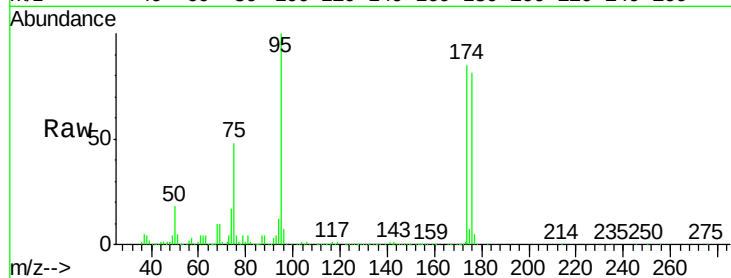




#62
4-Bromofluorobenzene
Concen: 48.415 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007475.D
Acq: 11 Feb 2019 18:26

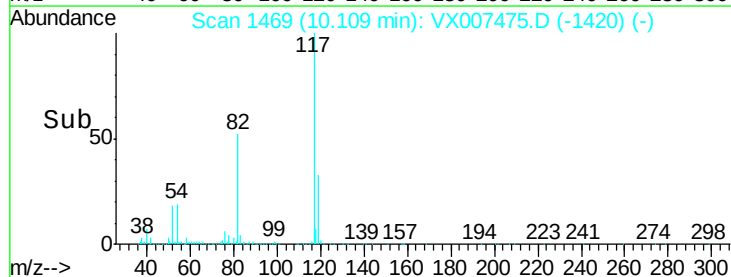
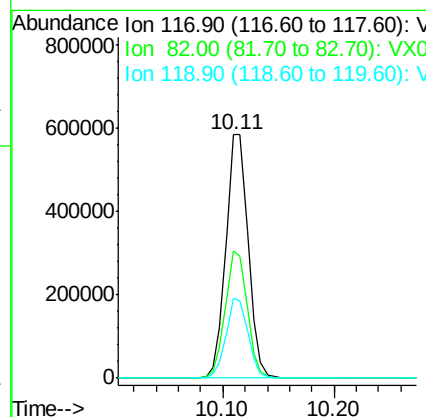
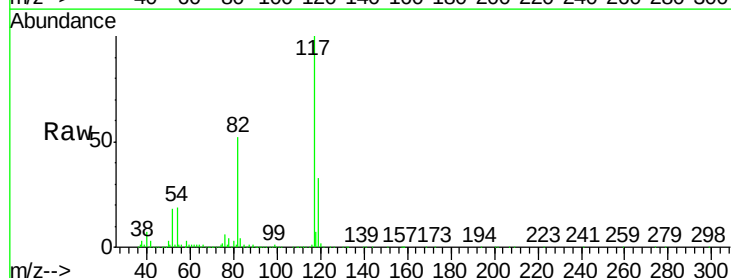
Instrument :
MSVOA_X
ClientSampleId :
B-19-OW

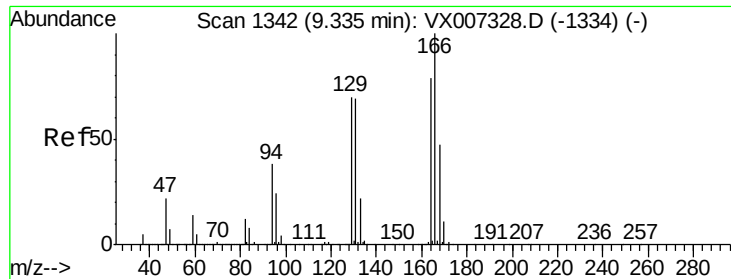
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	189.2
176	91.0	0.0	186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007475.D
Acq: 11 Feb 2019 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.1	63.1
119	32.6	26.5	39.7





#64

Tetrachloroethene

Concen: 0.425 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007475.D

Acq: 11 Feb 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

B-19-OW

Tot Ion:164 Resp: 3248

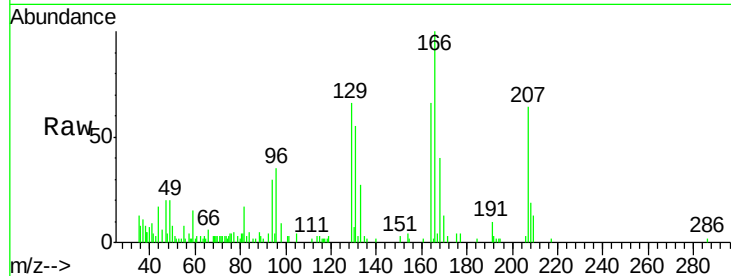
Ion Ratio Lower Upper

164 100

166 152.6 101.0 151.4#

129 97.6 70.5 105.7

131 83.6 69.8 104.6

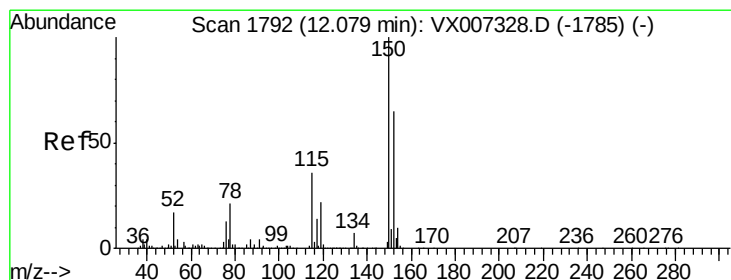
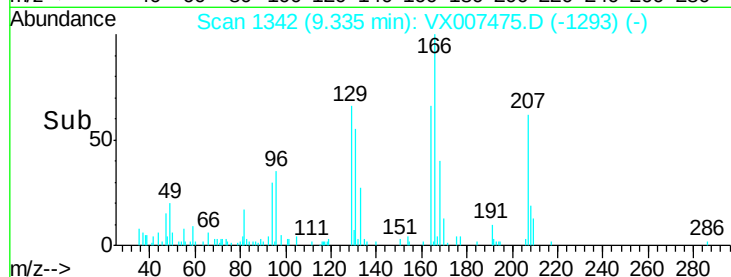
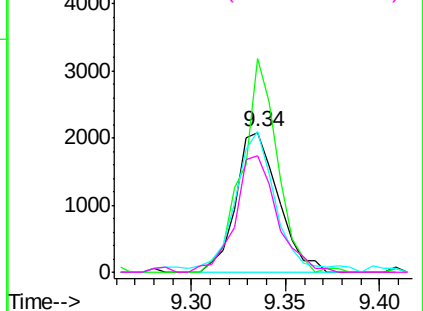


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007475.D

Acq: 11 Feb 2019 18:26

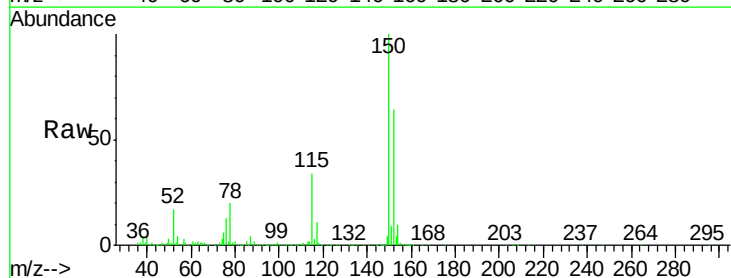
Tgt Ion:152 Resp: 398229

Ion Ratio Lower Upper

152 100

115 54.6 38.0 114.0

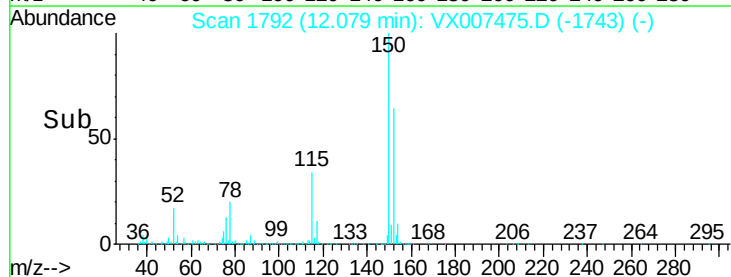
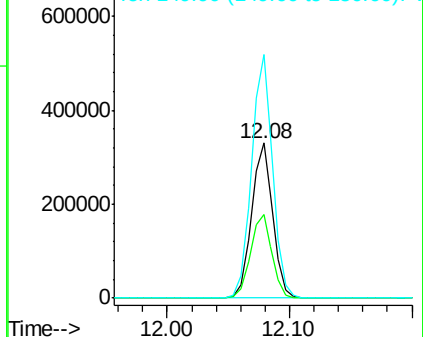
150 155.9 0.0 346.4

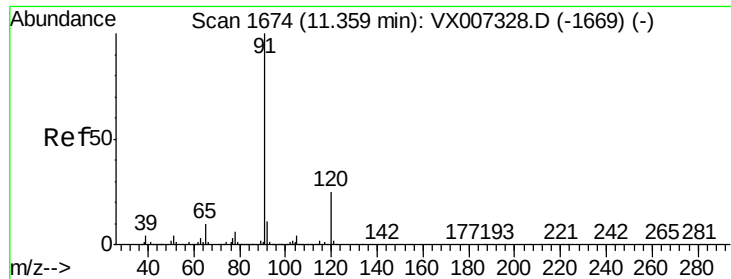


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 0.306 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007475.D

Acq: 11 Feb 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

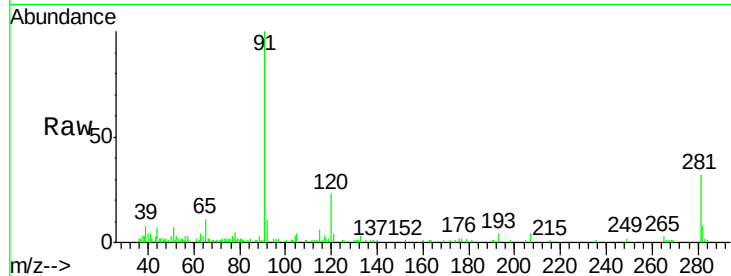
B-19-OW

Tot Ion: 91 Resp: 9088

Ion Ratio Lower Upper

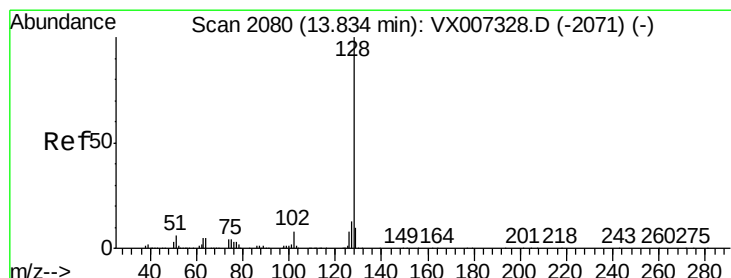
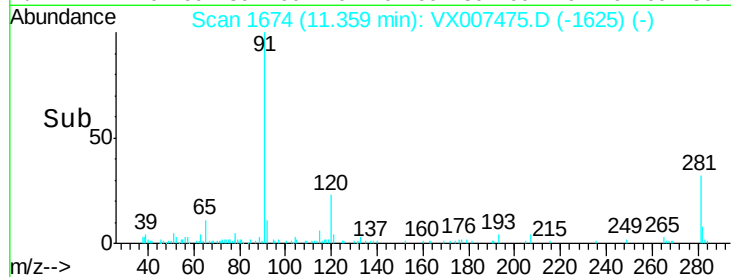
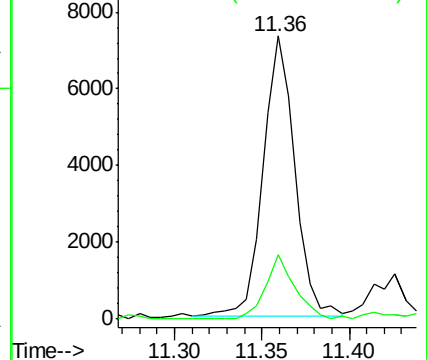
91 100

120 21.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.385 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007475.D

Acq: 11 Feb 2019 18:26

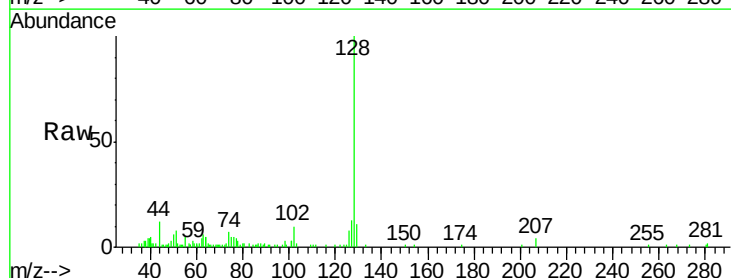
Tgt Ion: 128 Resp: 10329

Ion Ratio Lower Upper

128 100

127 15.1 10.5 15.7

129 12.8 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

