

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005486.D
 Acq On : 22 Oct 2018 22:20
 Operator : JC/MD
 Sample : J5538-16 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NL 7

Quant Time: Oct 23 03:26:11 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

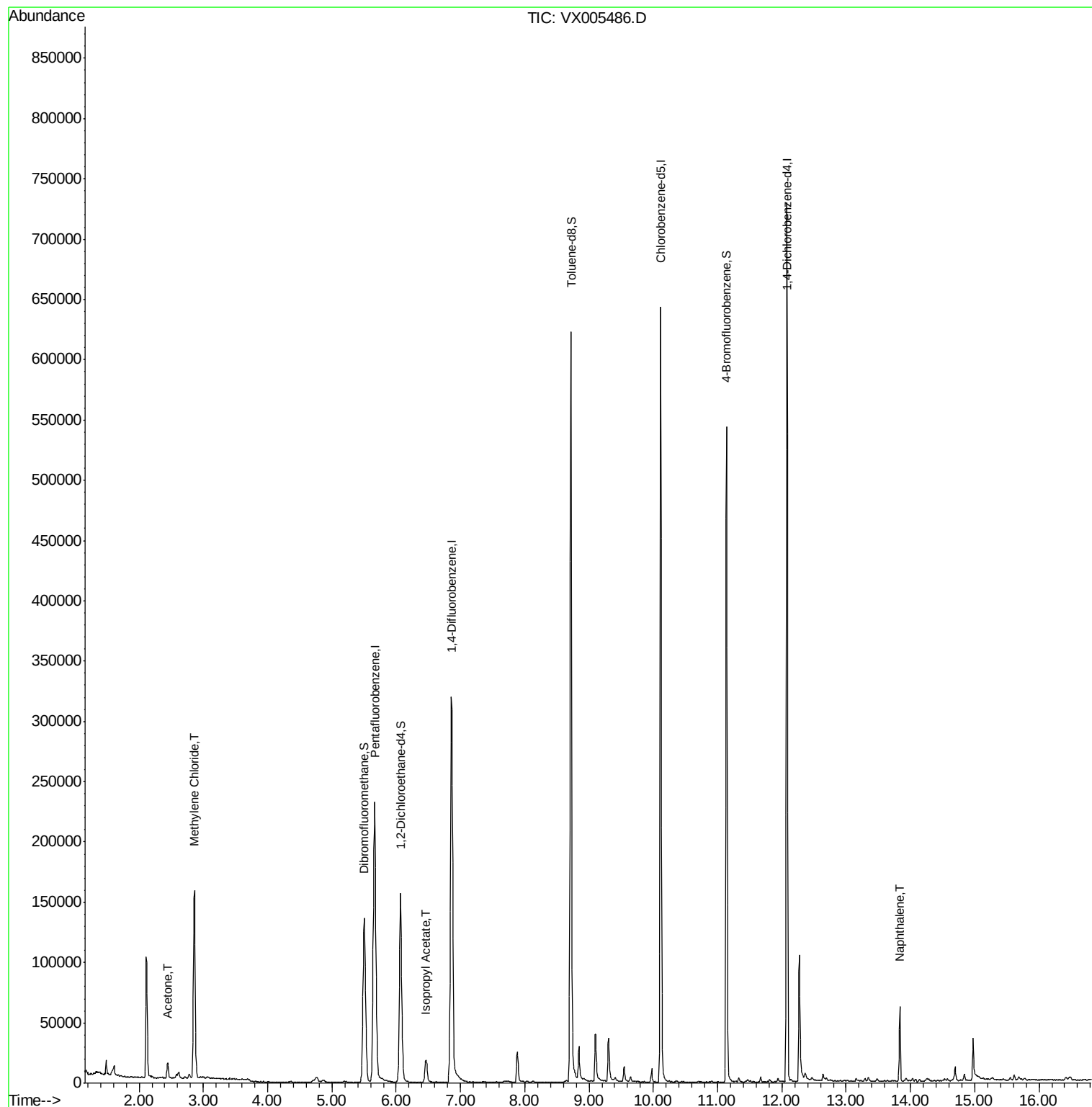
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144149	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	5.50	113	115265	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
50) Toluene-d8	8.72	98	396742	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	135571	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
Target Compounds						
16) Acetone	2.45	43	13787	9.315	ug/l	98
20) Methylene Chloride	2.86	84	67949	31.010	ug/l	87
43) Isopropyl Acetate	6.46	43	24791	4.449	ug/l	97
95) Naphthalene	13.83	128	37090	3.666	ug/l	99

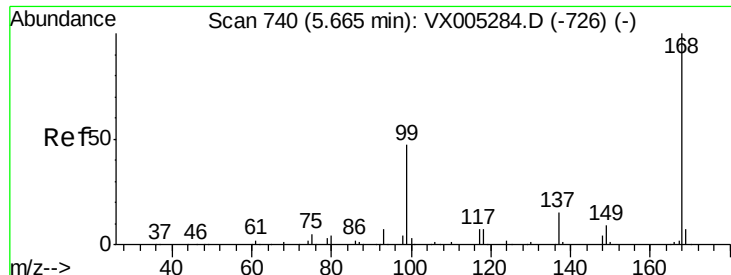
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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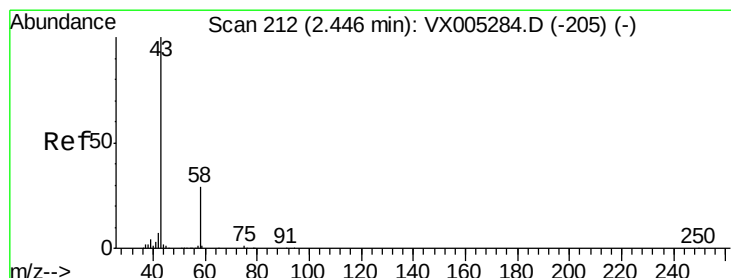
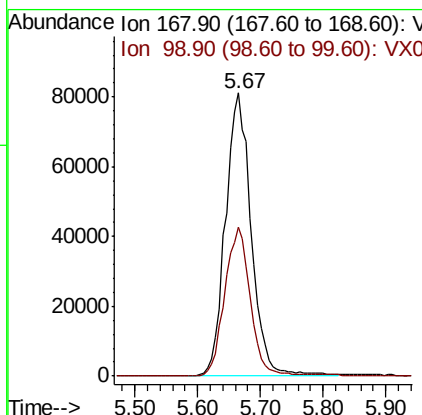
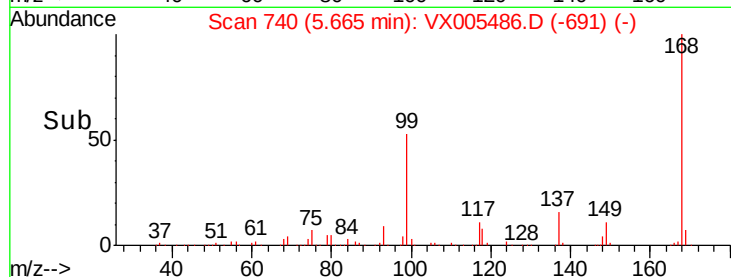
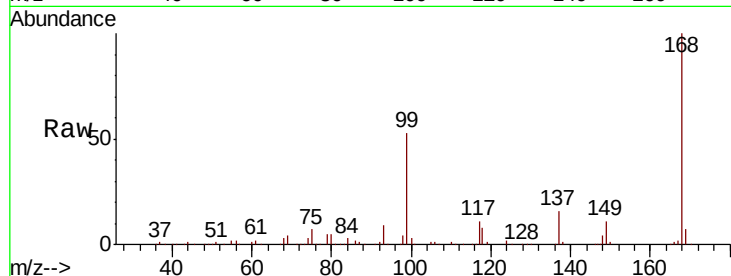




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005486.D
Acq: 22 Oct 2018 22:20

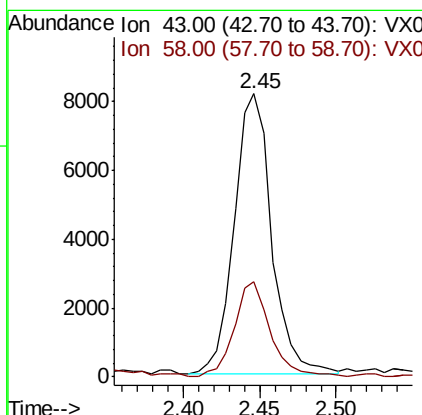
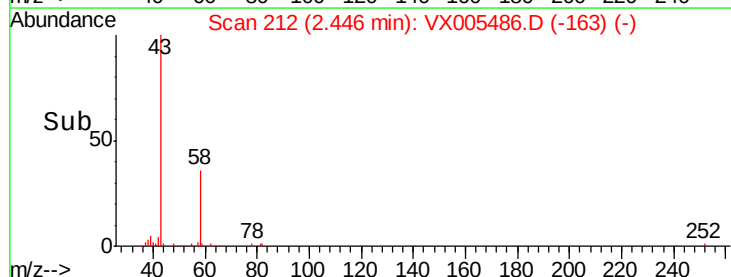
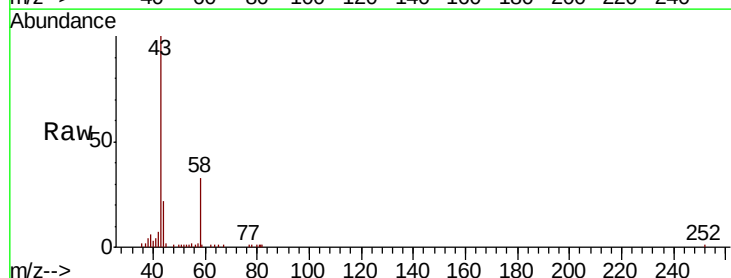
Instrument :
MSVOA_X
ClientSampled :
NL 7

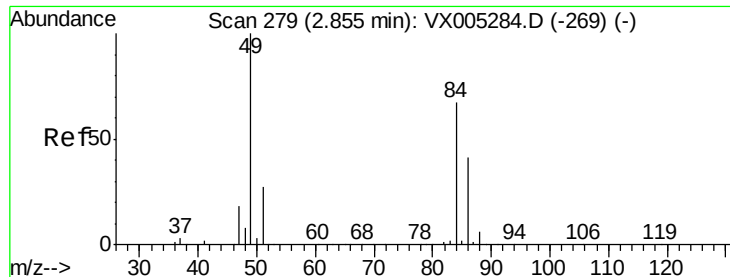
Tot Ion:168 Resp: 230656
Ion Ratio Lower Upper
168 100
99 52.6 39.9 59.9



#16
Acetone
Concen: 9.315 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005486.D
Acq: 22 Oct 2018 22:20

Tgt Ion: 43 Resp: 13787
Ion Ratio Lower Upper
43 100
58 33.8 26.2 39.4





#20

Methylene Chloride

Concen: 31.010 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005486.D

Acq: 22 Oct 2018 22:20

Instrument :

MSVOA_X

ClientSampled :

NL 7

Tot Ion: 84 Resp: 67949

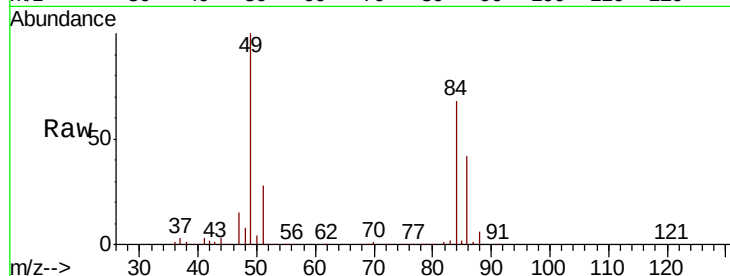
Ion Ratio Lower Upper

84 100

49 146.9 101.2 151.8

51 41.6 29.5 44.3

86 61.0 52.3 78.5



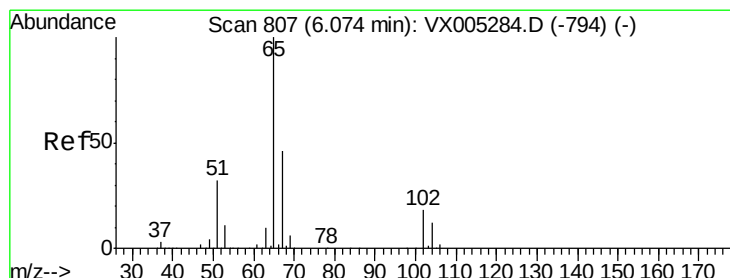
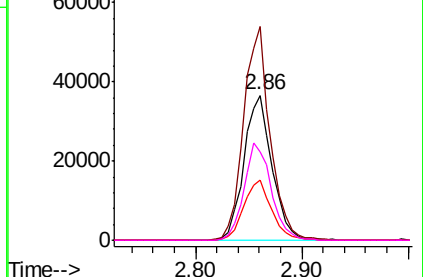
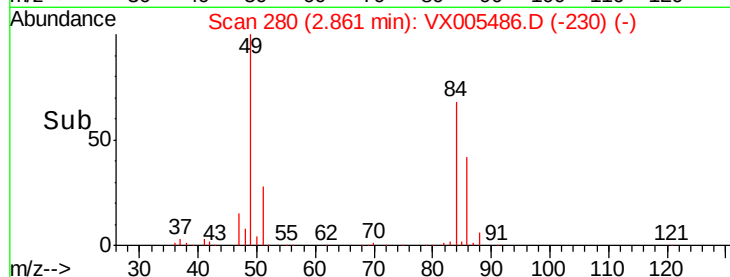
Abundance

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: 56.310 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005486.D

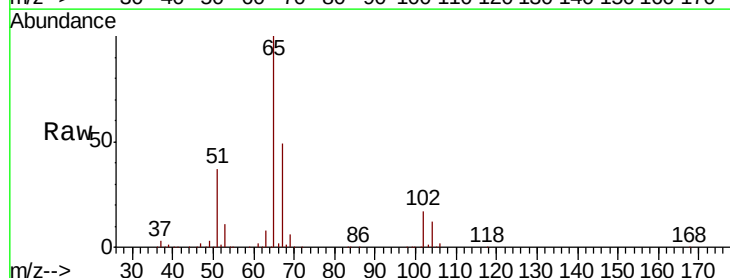
Acq: 22 Oct 2018 22:20

Tgt Ion: 65 Resp: 144149

Ion Ratio Lower Upper

65 100

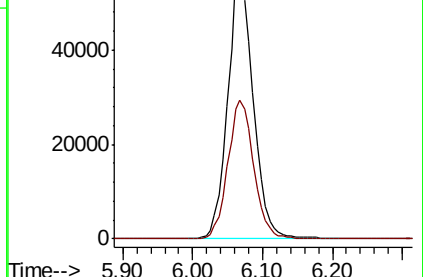
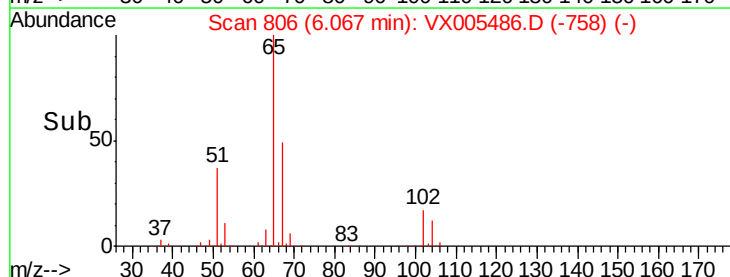
67 52.4 0.0 106.8

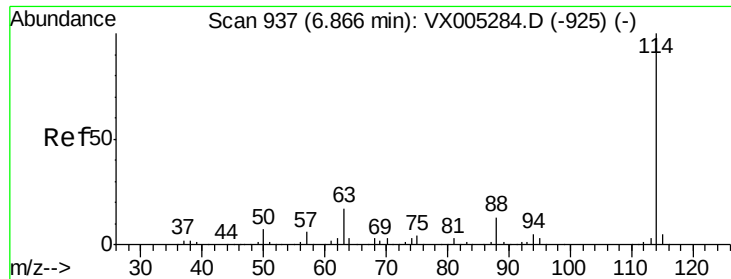


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

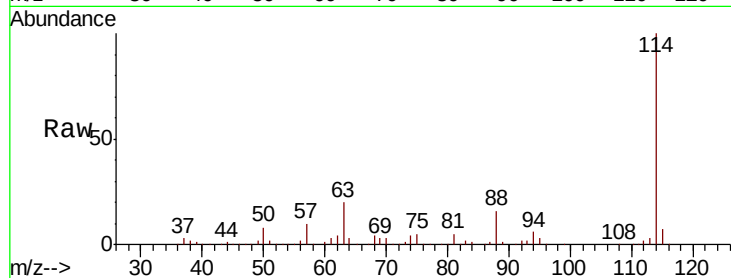




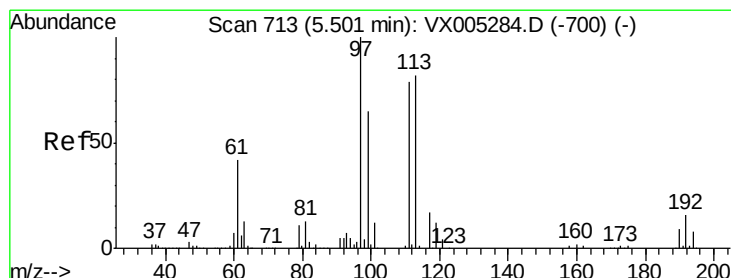
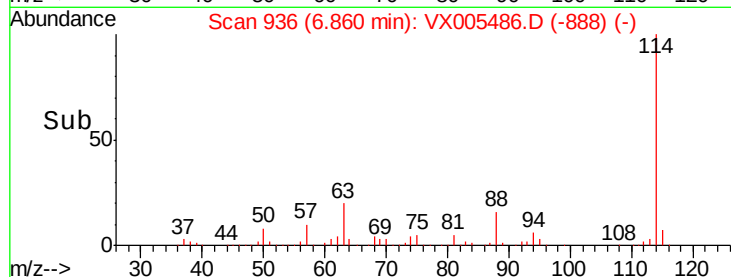
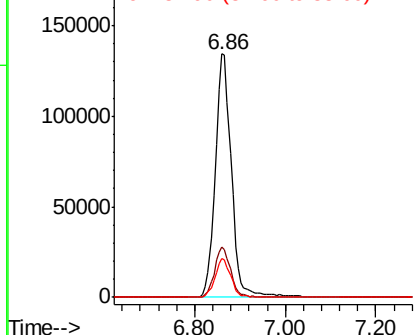
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005486.D
 Acq: 22 Oct 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 NL_7

Tot Ion:114 Resp: 335864
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.9 0.0 30.4

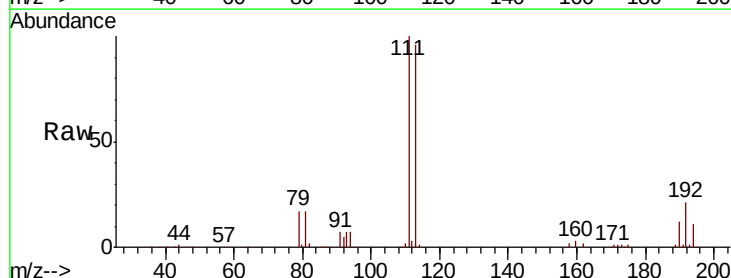


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

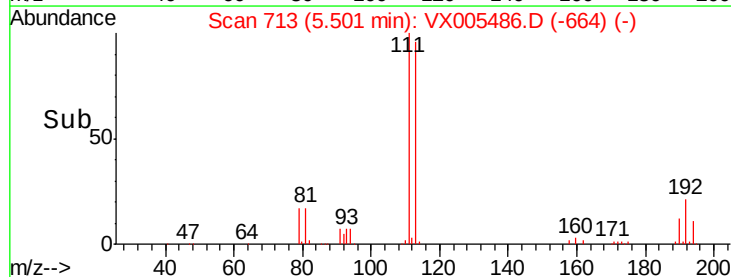
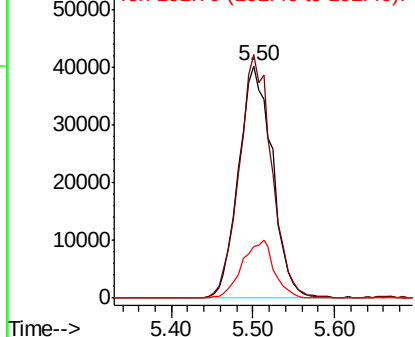


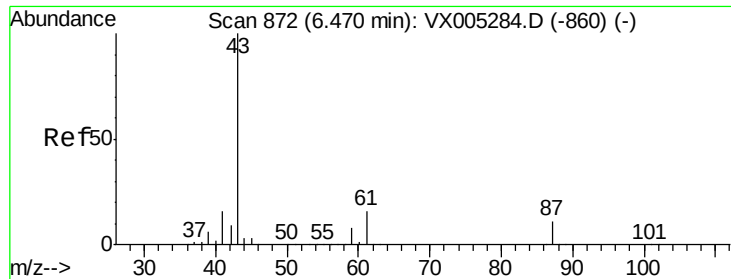
#35
 Dibromofluoromethane
 Concen: 51.816 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005486.D
 Acq: 22 Oct 2018 22:20

Tgt Ion:113 Resp: 115265
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 23.7 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: 4.449 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005486.D

Acq: 22 Oct 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

NL 7

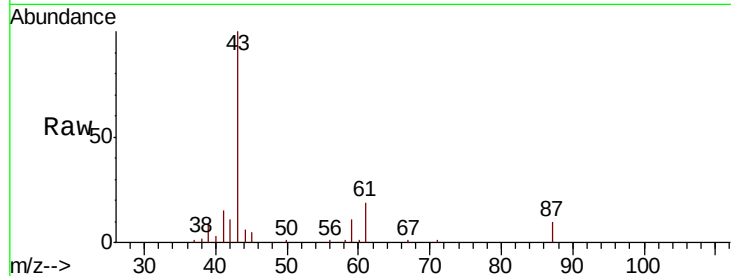
Tot Ion: 43 Resp: 24791

Ion Ratio Lower Upper

43 100

61 20.2 17.0 25.4

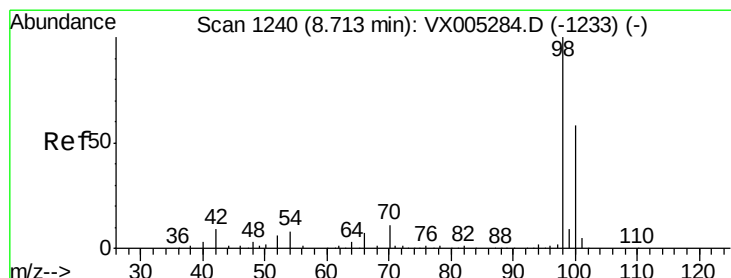
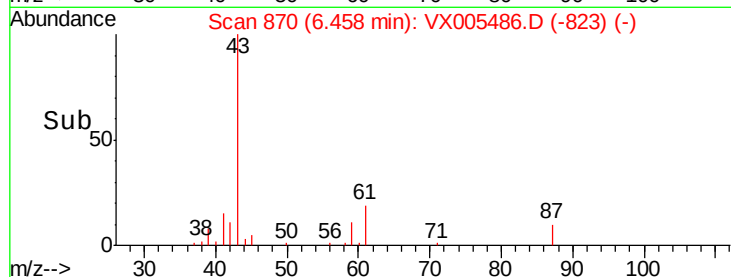
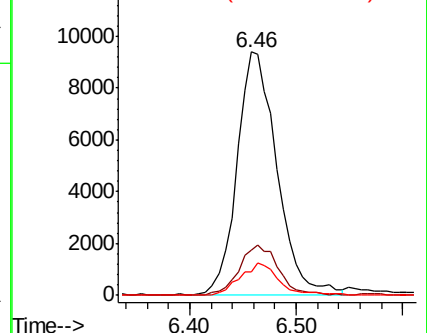
87 13.0 11.4 17.2



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: 51.951 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005486.D

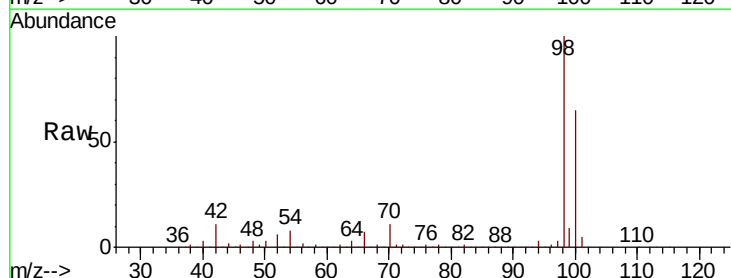
Acq: 22 Oct 2018 22:20

Tgt Ion: 98 Resp: 396742

Ion Ratio Lower Upper

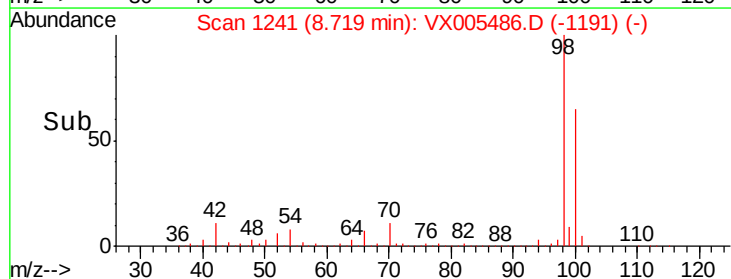
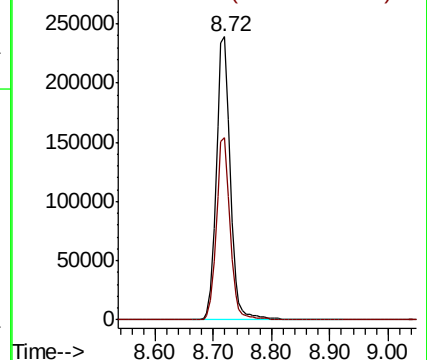
98 100

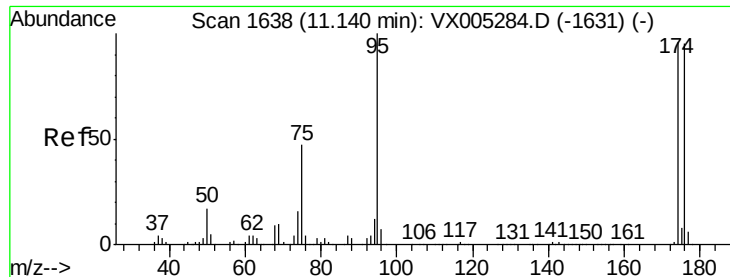
100 63.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.255 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005486.D

Acq: 22 Oct 2018 22:20

Instrument :

MSVOA_X

ClientSampled :

NL 7

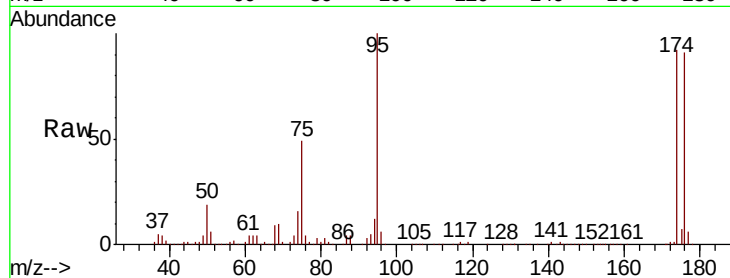
Tot Ion: 95 Resp: 135571

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.2

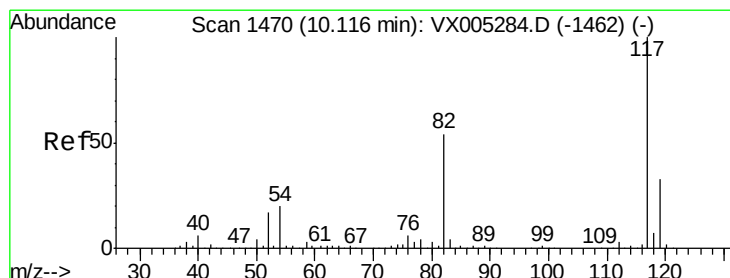
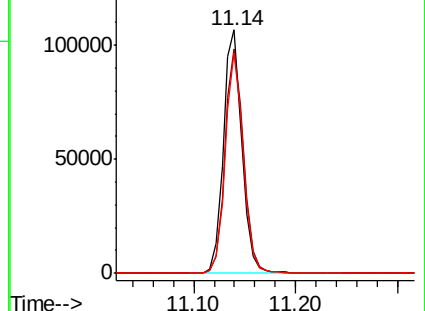
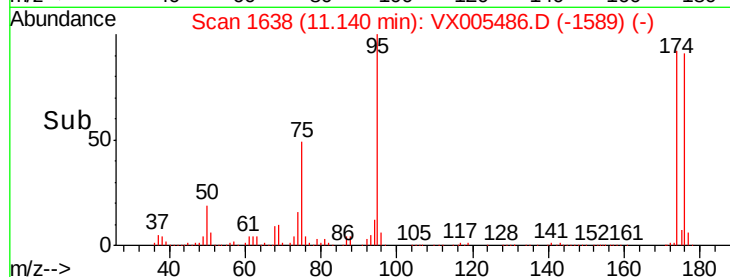
176 88.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005486.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005486.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005486.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005486.D

Acq: 22 Oct 2018 22:20

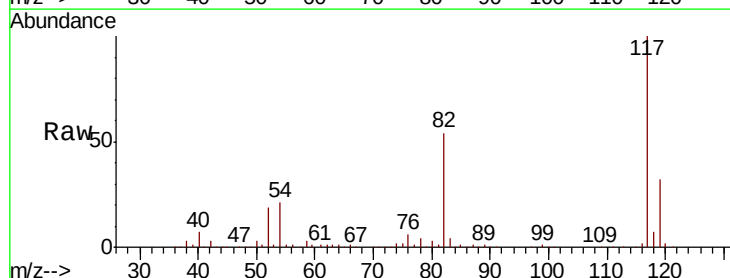
Tgt Ion: 117 Resp: 301785

Ion Ratio Lower Upper

117 100

82 54.0 47.8 71.6

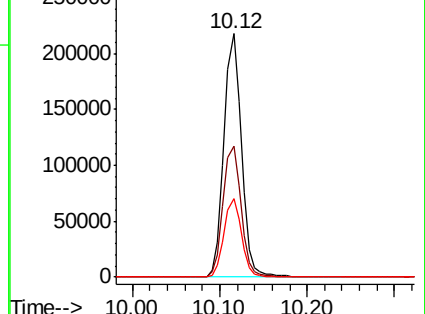
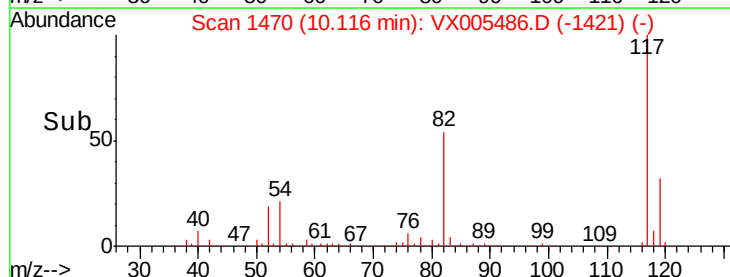
119 32.1 29.3 43.9

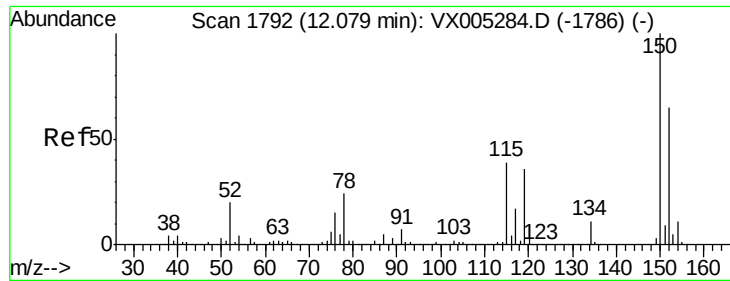


Abundance Ion 116.90 (116.60 to 117.60): VX005486.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005486.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005486.D (-1421) (-)



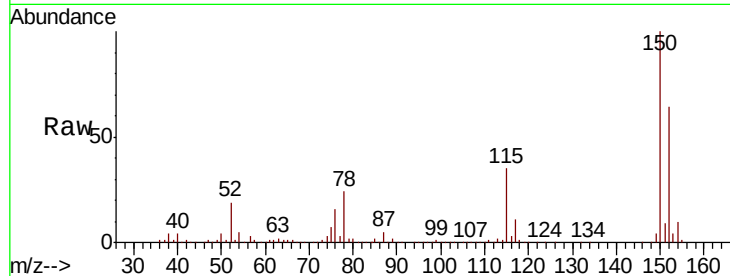


#72

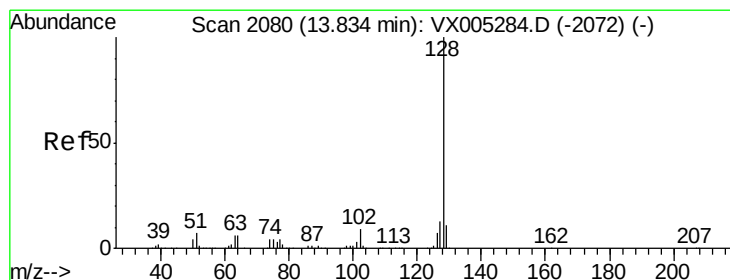
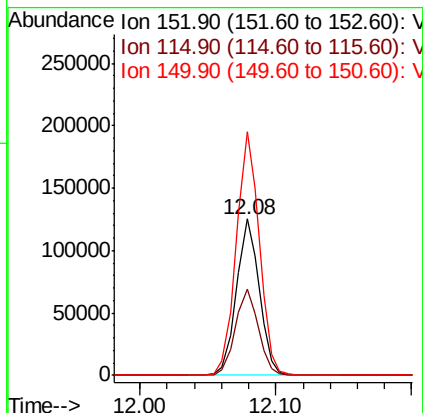
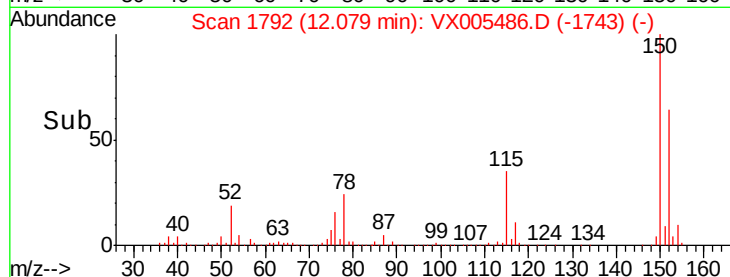
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005486.D
Acq: 22 Oct 2018 22:20

Instrument :
MSVOA_X
ClientSampled :
NL 7

Tot Ion:152 Resp: 146719
Ion Ratio Lower Upper
152 100
115 55.4 39.0 117.0
150 156.1 0.0 351.0



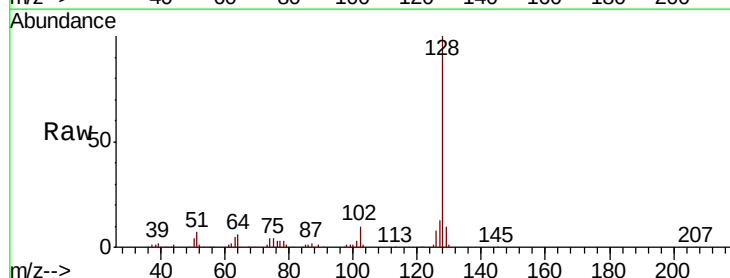
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 3.666 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005486.D
Acq: 22 Oct 2018 22:20

Tgt Ion:128 Resp: 37090
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.3 8.6 12.8



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

