

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011227.D
 Acq On : 31 Jul 2019 04:35
 Operator : JC/SP
 Sample : PB121803ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#07

Quant Time: Jul 31 09:51:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

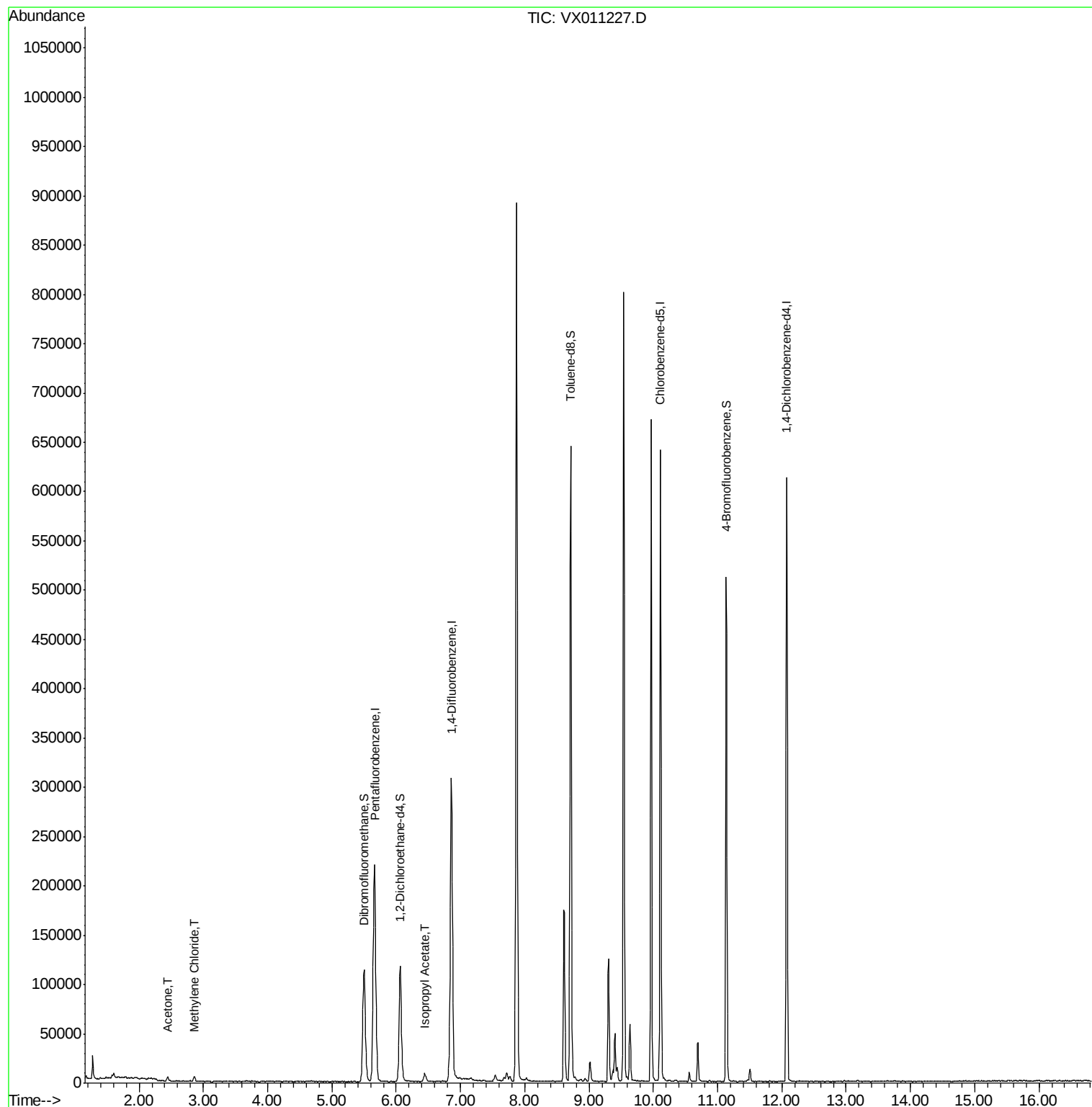
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110205	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
35) Dibromofluoromethane	5.50	113	95158	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
50) Toluene-d8	8.71	98	385312	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	126420	44.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.64%	
Target Compounds						
16) Acetone	2.45	43	4723	4.435	ug/l	92
20) Methylene Chloride	2.85	84	2366	1.048	ug/l	92
43) Isopropyl Acetate	6.45	43	11395	2.527	ug/l	97

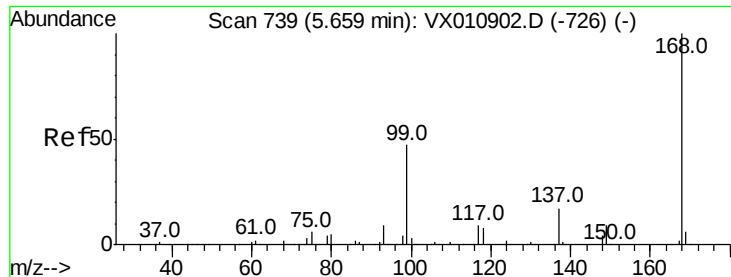
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011227.D

Acq: 31 Jul 2019 04:35

Instrument :

MSVOA_X

ClientSampleId :

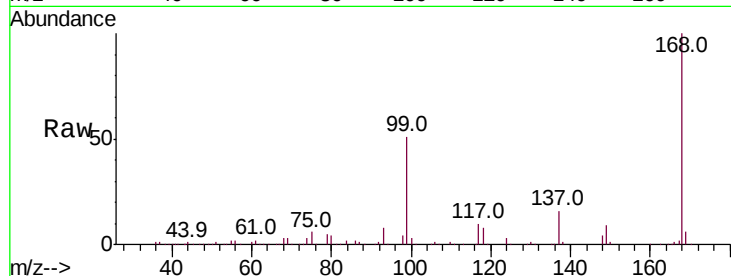
PB121803ZHE#07

Tot Ion:168 Resp: 221639

Ion Ratio Lower Upper

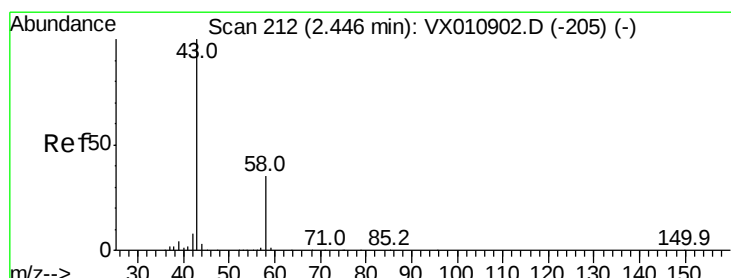
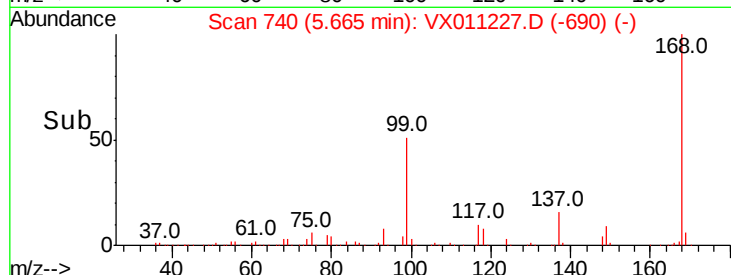
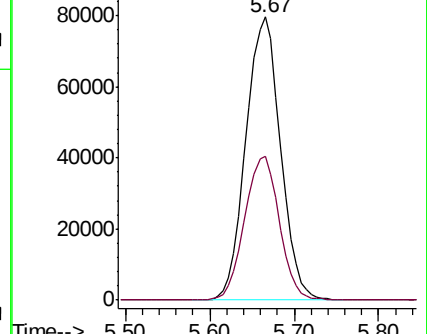
168 100

99 51.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.435 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011227.D

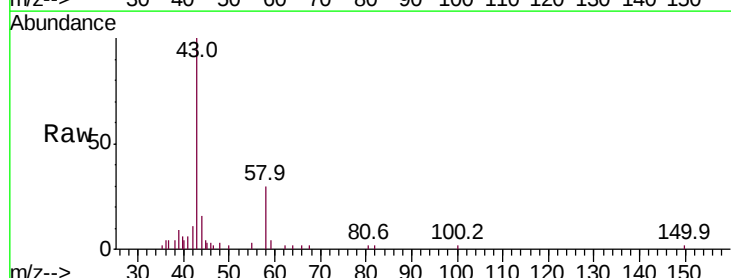
Acq: 31 Jul 2019 04:35

Tgt Ion: 43 Resp: 4723

Ion Ratio Lower Upper

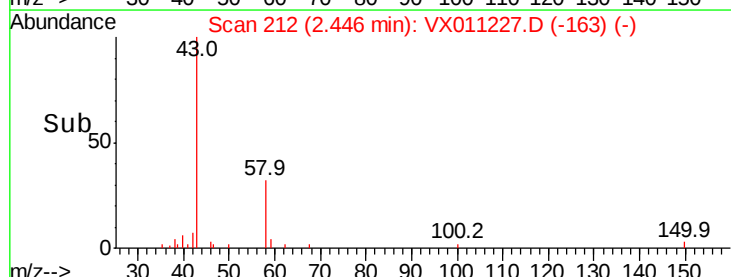
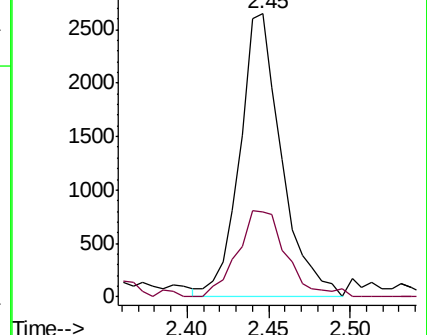
43 100

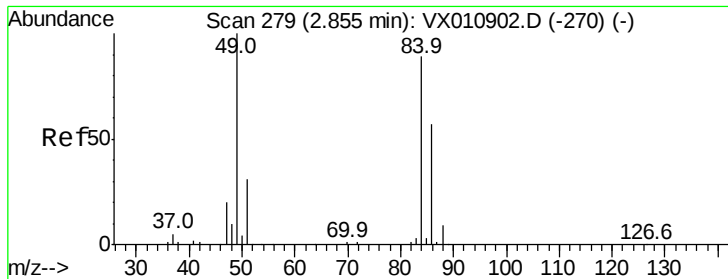
58 30.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

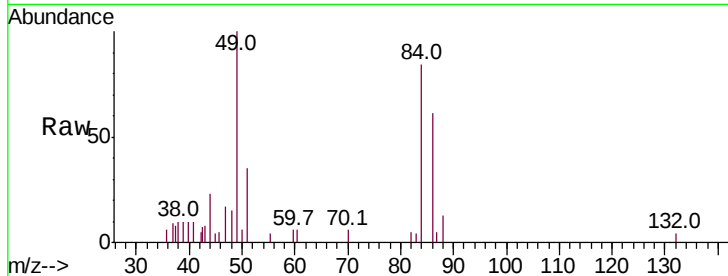




#20
Methvlene Chloride
Concen: 1.048 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011227.D
Acq: 31 Jul 2019 04:35

Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#07

Tot Ion:	84	Resp:	2366
Ion	Ratio	Lower	Upper
84	100		
49	119.4	89.9	134.9
51	41.2	27.8	41.6
86	72.5	51.8	77.6



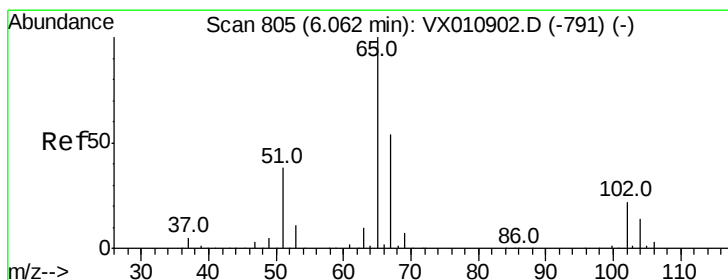
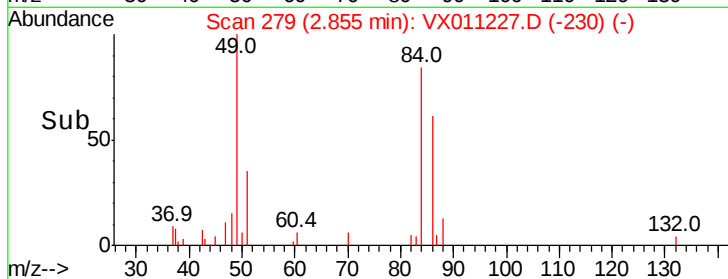
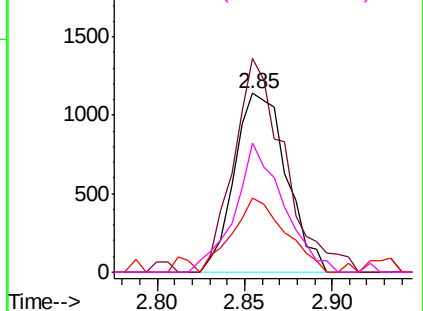
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

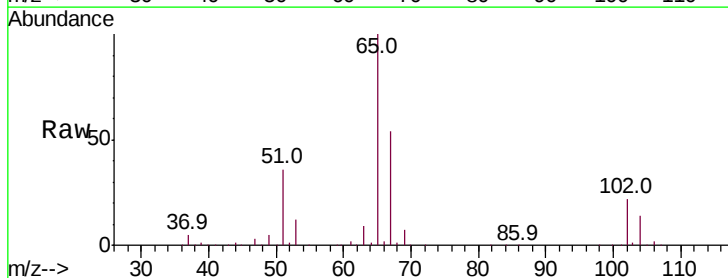
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33
1,2-Dichloroethane-d4
Concen: 46.739 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011227.D
Acq: 31 Jul 2019 04:35

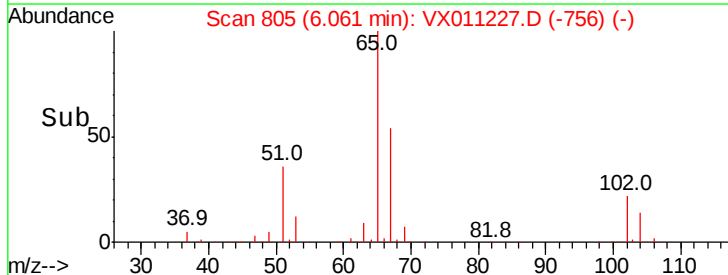
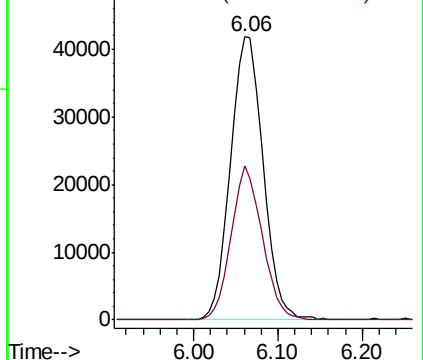
Tgt Ion:	65	Resp:	110205
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.8



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. -0.00 min

Lab File: VX011227.D

Acq: 31 Jul 2019 04:35

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#07

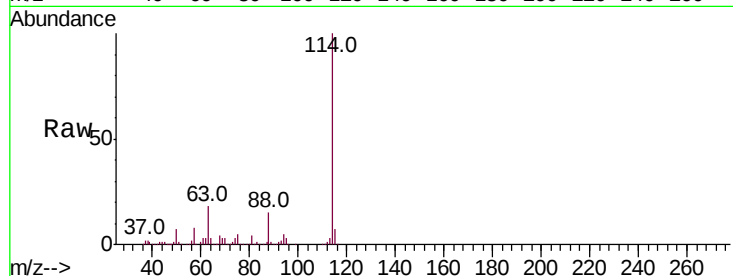
Tot Ion:114 Resp: 325983

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

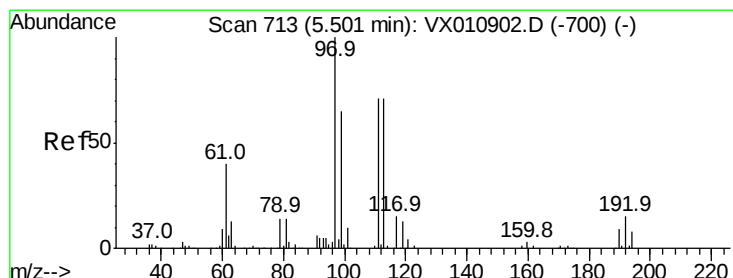
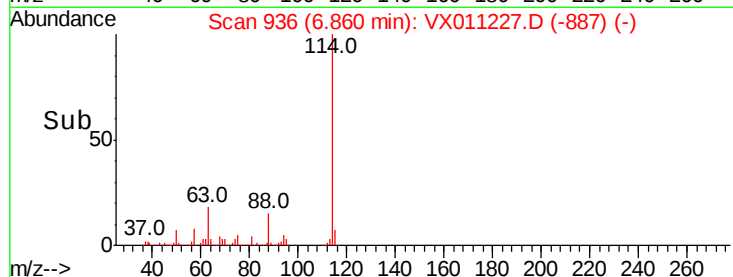
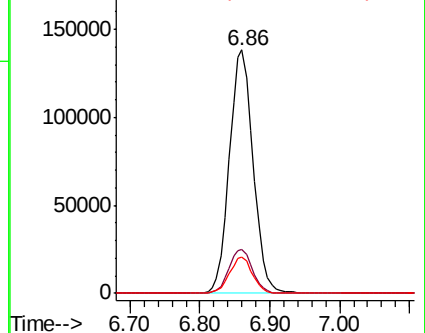
88 15.0 0.0 29.8



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: 45.990 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011227.D

Acq: 31 Jul 2019 04:35

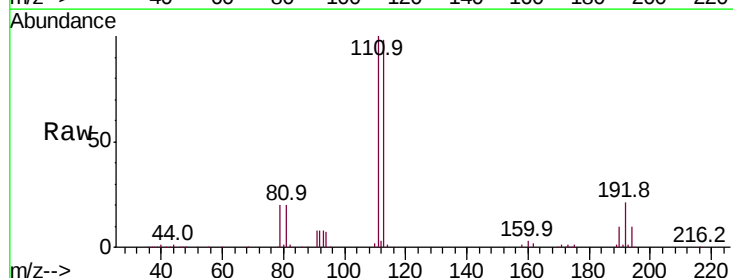
Tgt Ion:113 Resp: 95158

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

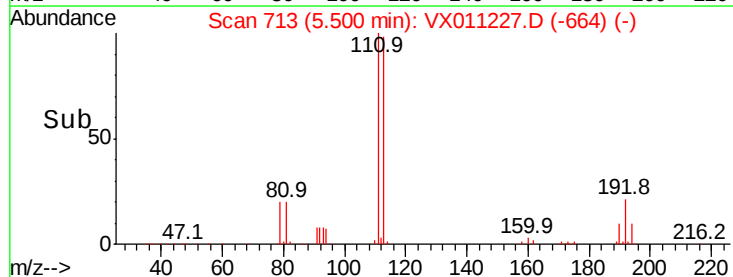
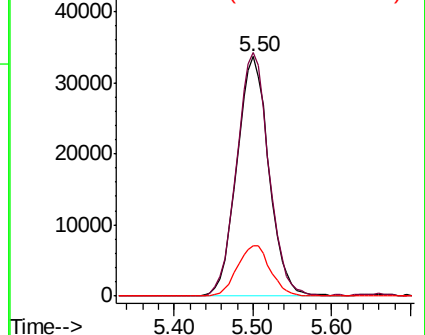
192 21.9 17.4 26.2

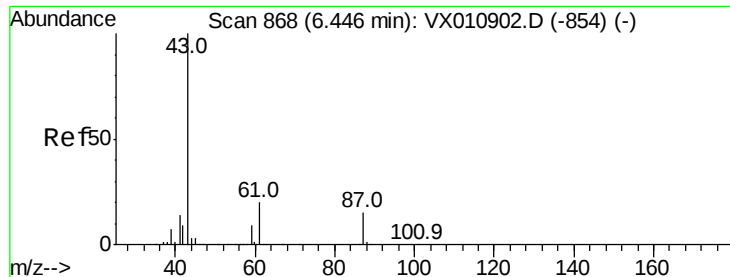


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.527 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011227.D

Acq: 31 Jul 2019 04:35

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#07

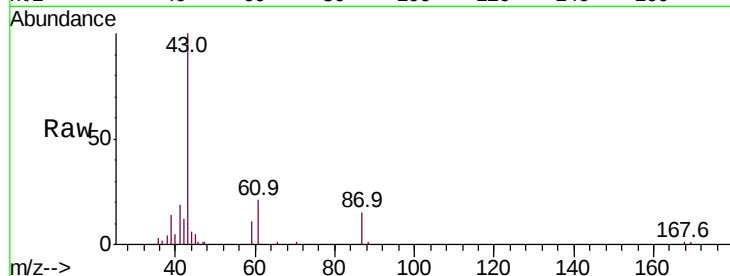
Tot Ion: 43 Resp: 11395

Ion Ratio Lower Upper

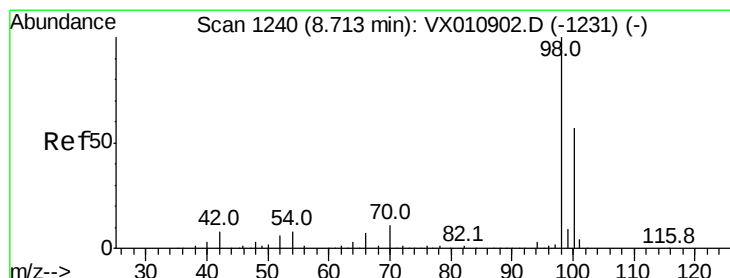
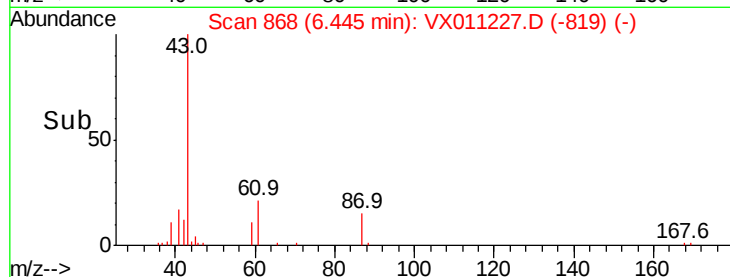
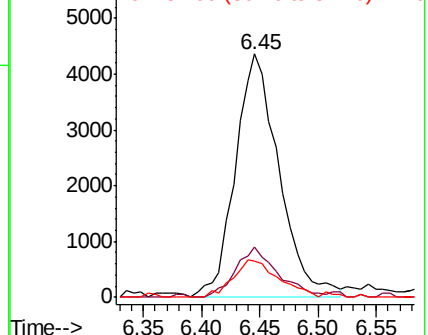
43 100

61 20.0 17.1 25.7

87 15.9 12.0 18.0



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: 49.651 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011227.D

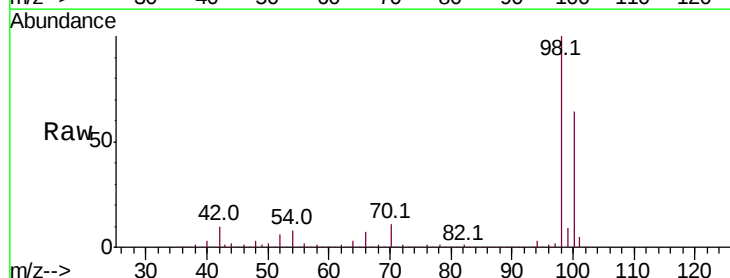
Acq: 31 Jul 2019 04:35

Tgt Ion: 98 Resp: 385312

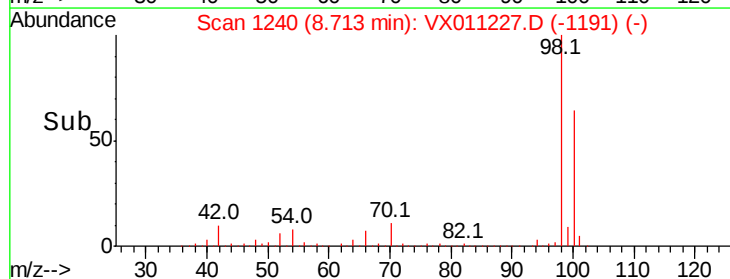
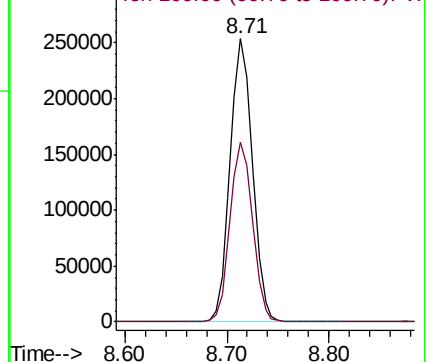
Ion Ratio Lower Upper

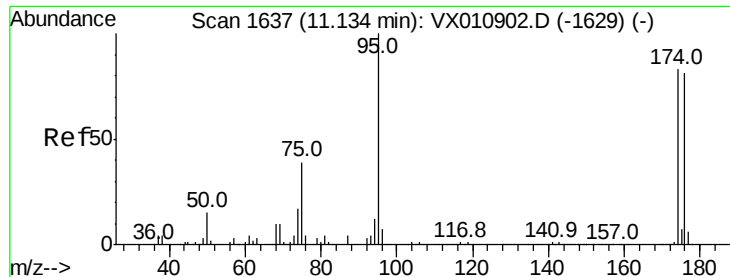
98 100

100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.319 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011227.D

Acq: 31 Jul 2019 04:35

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#07

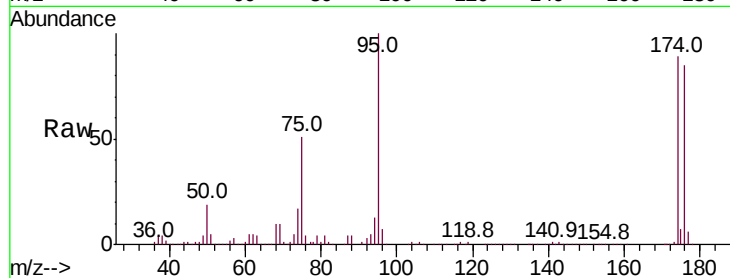
Tot Ion: 95 Resp: 126420

Ion Ratio Lower Upper

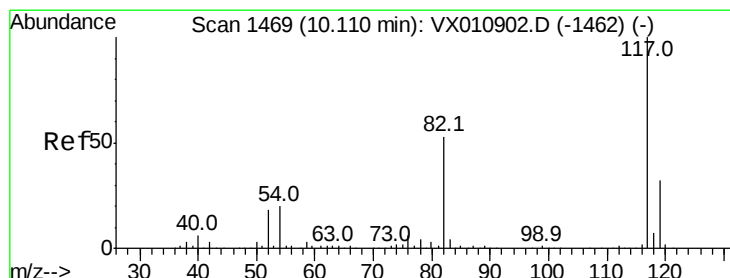
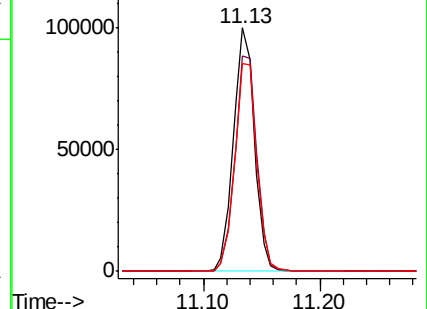
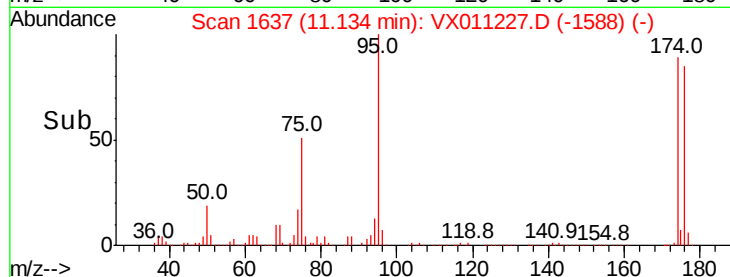
95 100

174 92.3 0.0 180.6

176 89.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011227.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011227.D

Acq: 31 Jul 2019 04:35

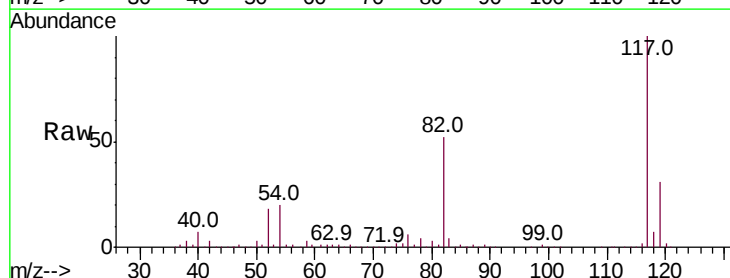
Tgt Ion: 117 Resp: 294735

Ion Ratio Lower Upper

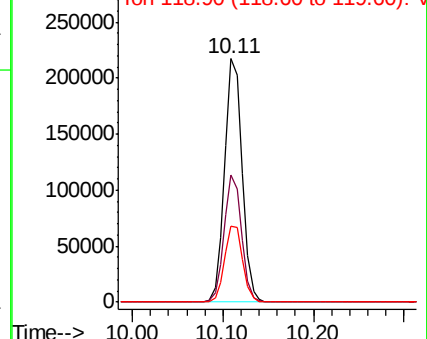
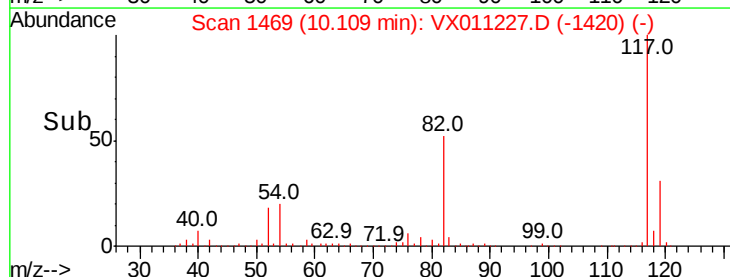
117 100

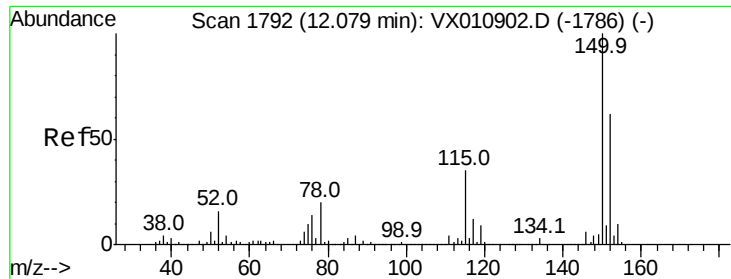
82 52.3 42.6 63.8

119 31.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011227.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011227.D

Acq: 31 Jul 2019 04:35

Instrument :

MSVOA_X

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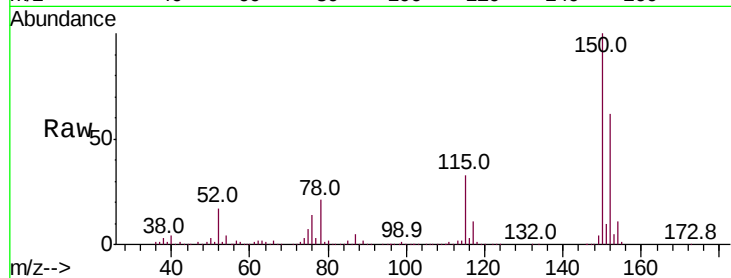
Tot Ion:152 Resp: 133410

Ion Ratio Lower Upper

152 100

115 55.8 39.7 119.1

150 155.7 0.0 345.6



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

