

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011224.D
 Acq On : 31 Jul 2019 03:24
 Operator : JC/SP
 Sample : PB121803ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#04

Quant Time: Jul 31 09:48:03 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

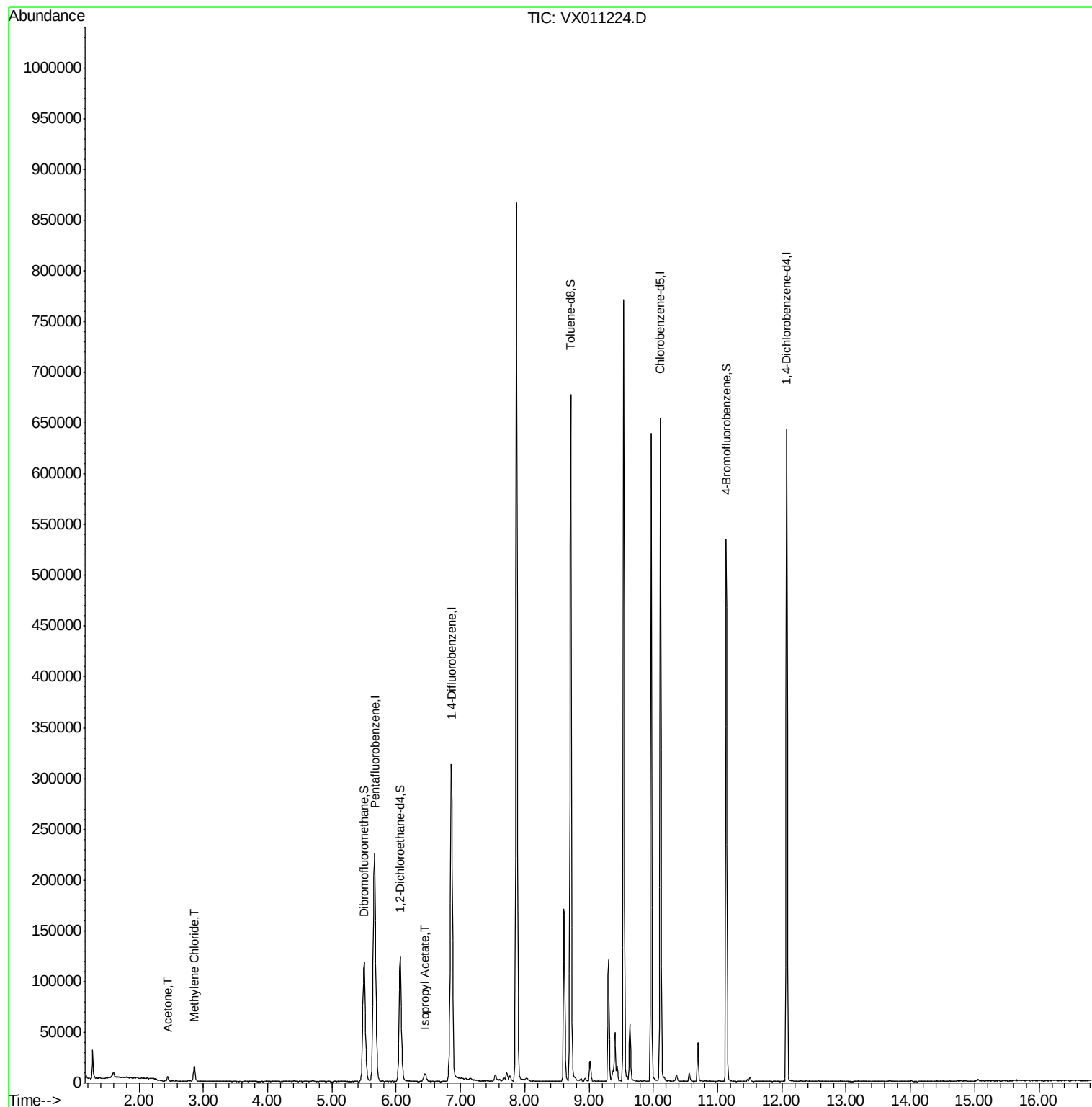
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113657	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.52%	
35) Dibromofluoromethane	5.50	113	97578	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	8.71	98	389770	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	131199	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
16) Acetone	2.45	43	5206	4.792	ug/l	100
20) Methylene Chloride	2.85	84	7047	3.061	ug/l	98
43) Isopropyl Acetate	6.44	43	11675	2.563	ug/l	99

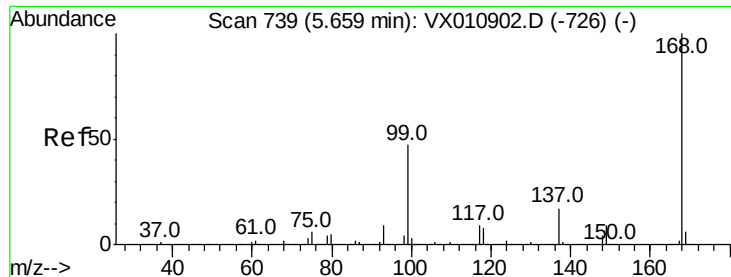
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
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: VX011224.D

Acq: 31 Jul 2019 03:24

Instrument :

MSVOA_X

ClientSampleId :

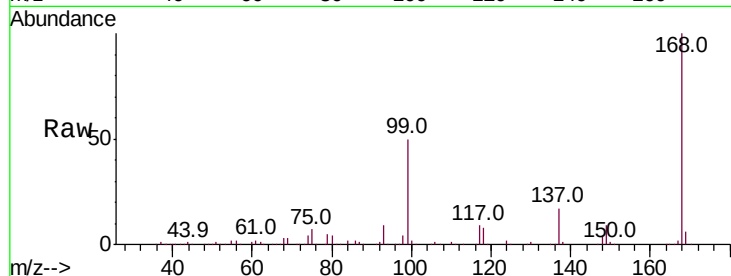
PB121803ZHE#04

Tot Ion:168 Resp: 226082

Ion Ratio Lower Upper

168 100

99 50.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

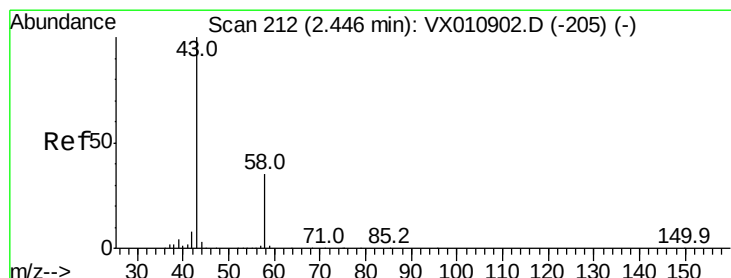
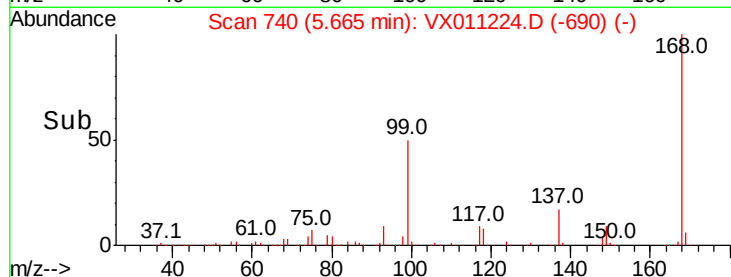
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.792 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011224.D

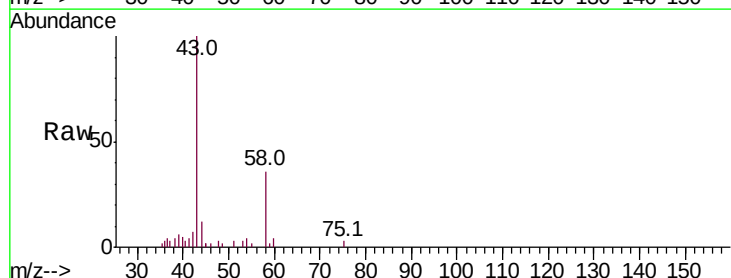
Acq: 31 Jul 2019 03:24

Tgt Ion: 43 Resp: 5206

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

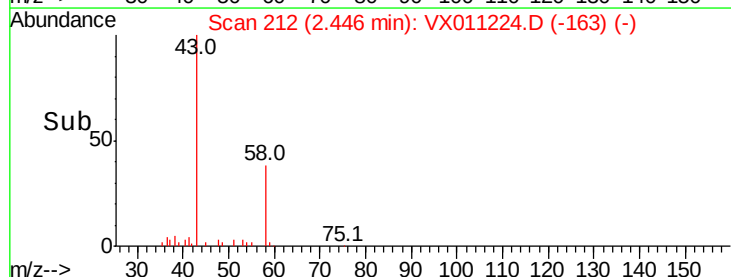
3000

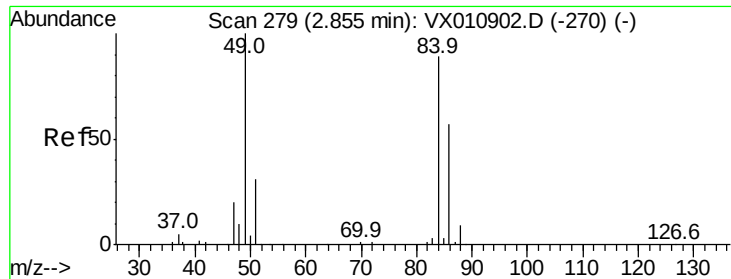
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

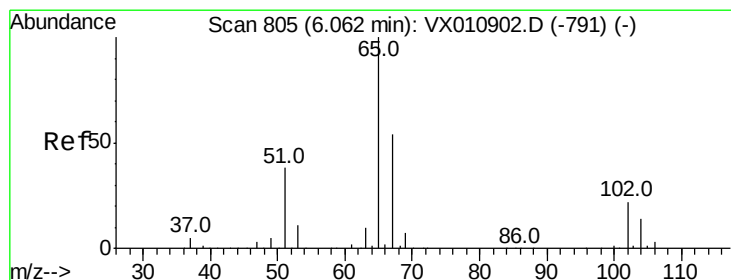
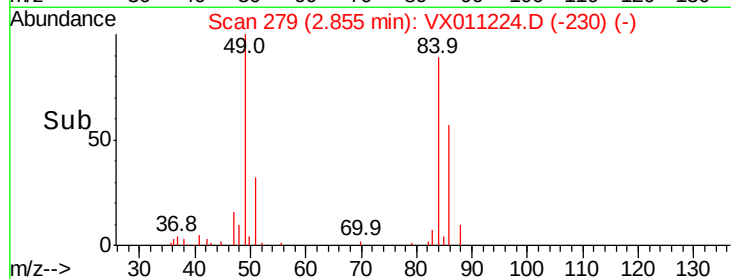
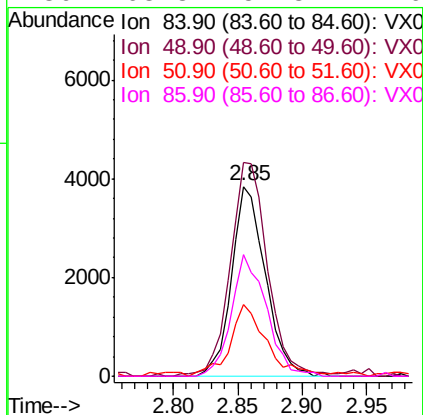
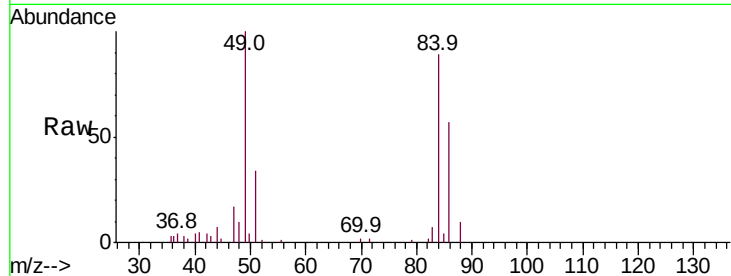




#20
Methylene Chloride
Concen: 3.061 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011224.D
Acq: 31 Jul 2019 03:24

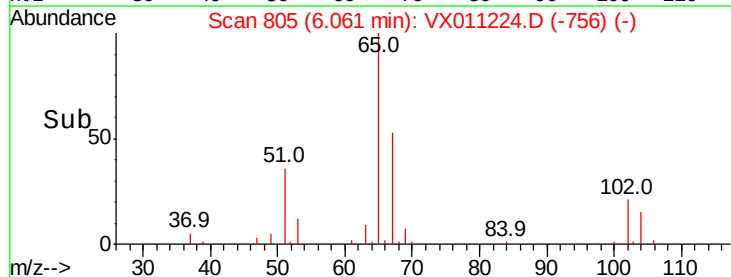
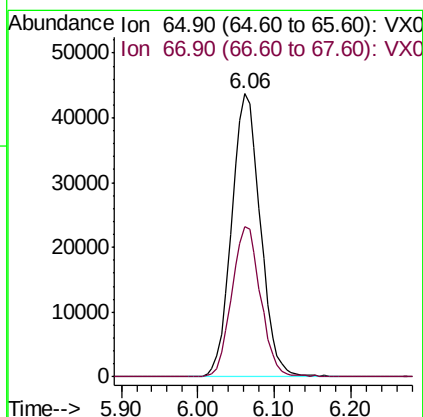
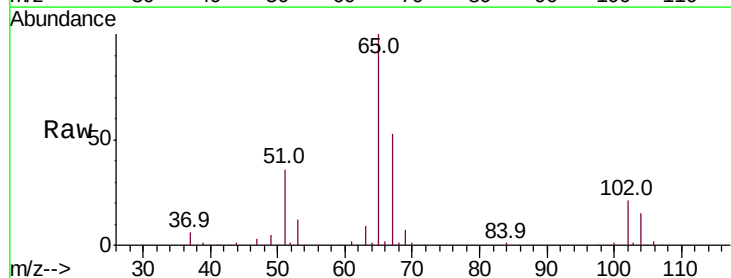
Instrument :
MSVOA_X
ClientSampleId :
PB121803ZHE#04

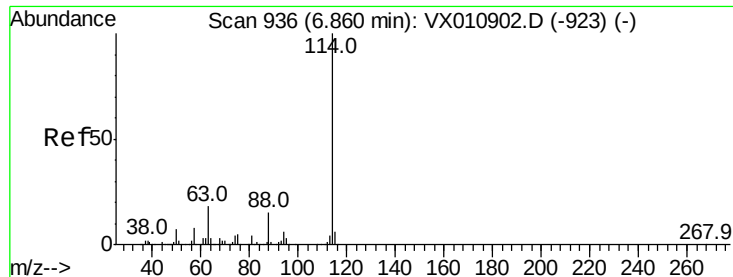
Tot Ion:	84	Resp:	7047
Ion	Ratio	Lower	Upper
84	100		
49	111.3	89.9	134.9
51	37.8	27.8	41.6
86	63.8	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 47.255 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011224.D
Acq: 31 Jul 2019 03:24

Tgt Ion:	65	Resp:	113657
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011224.D

Acq: 31 Jul 2019 03:24

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#04

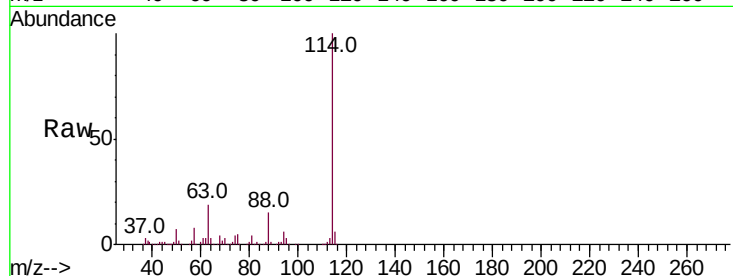
Tot Ion:114 Resp: 329319

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

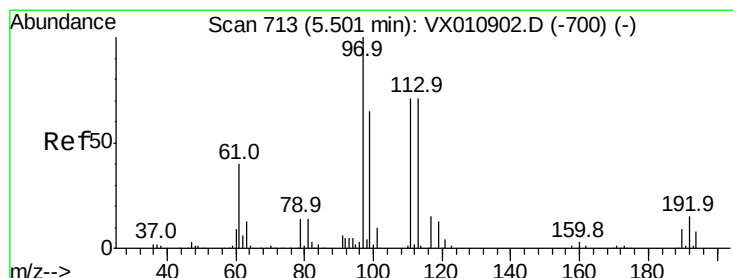
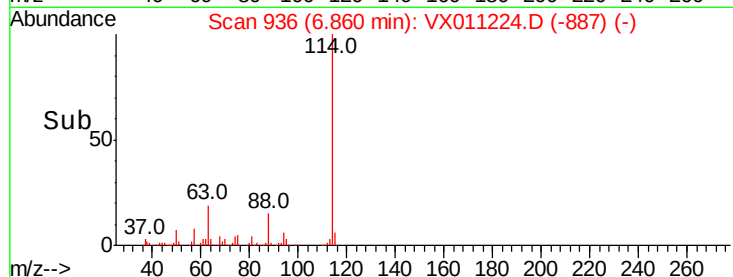
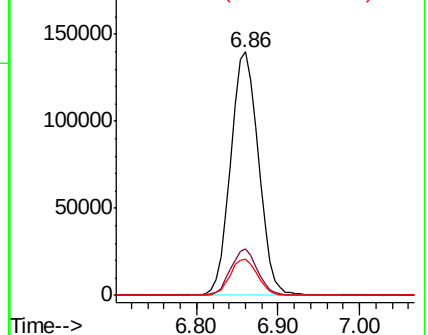
88 14.8 0.0 29.8



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: 46.682 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011224.D

Acq: 31 Jul 2019 03:24

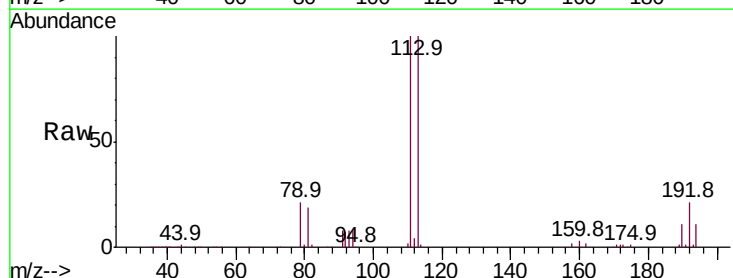
Tgt Ion:113 Resp: 97578

Ion Ratio Lower Upper

113 100

111 101.5 82.3 123.5

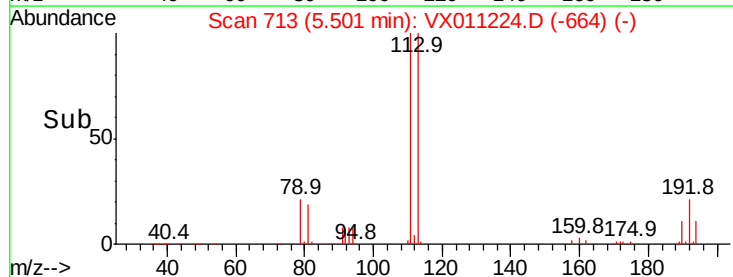
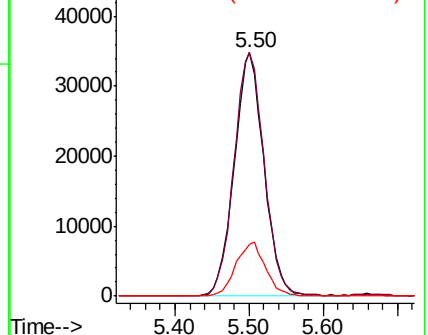
192 22.0 17.4 26.2

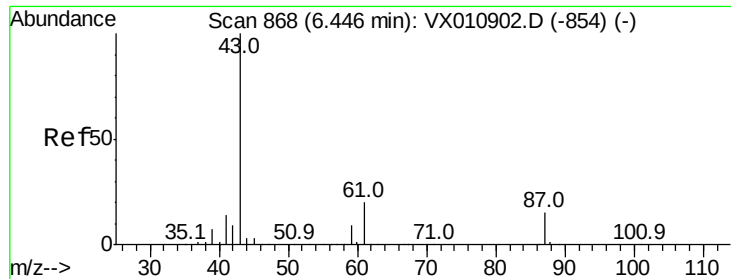


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.563 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011224.D

Acq: 31 Jul 2019 03:24

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#04

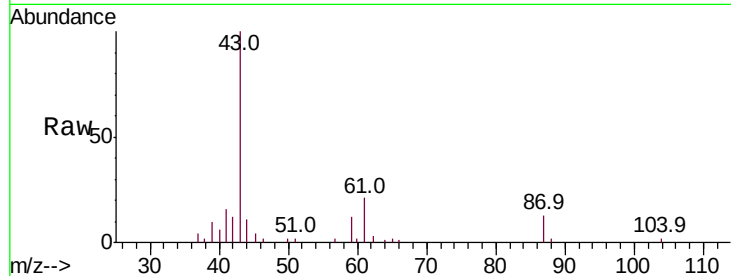
Tot Ion: 43 Resp: 11675

Ion Ratio Lower Upper

43 100

61 21.2 17.1 25.7

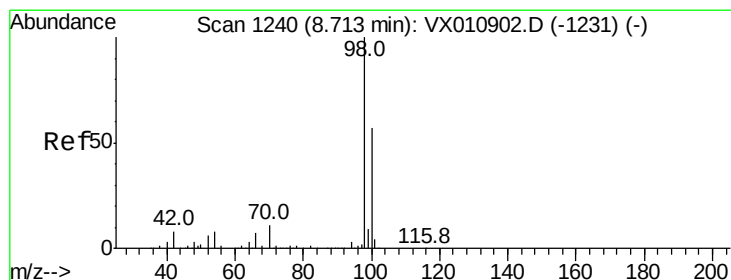
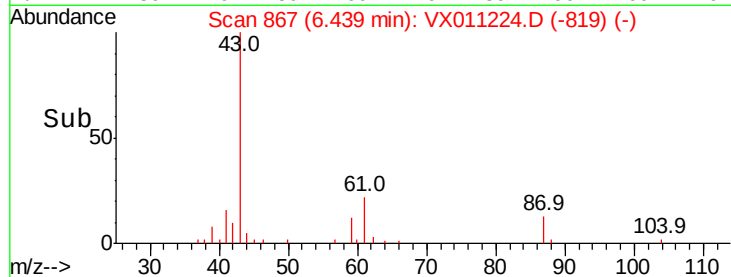
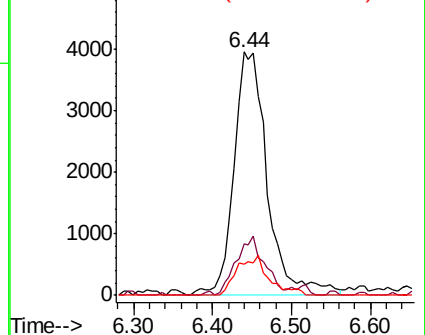
87 15.3 12.0 18.0



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: 49.717 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011224.D

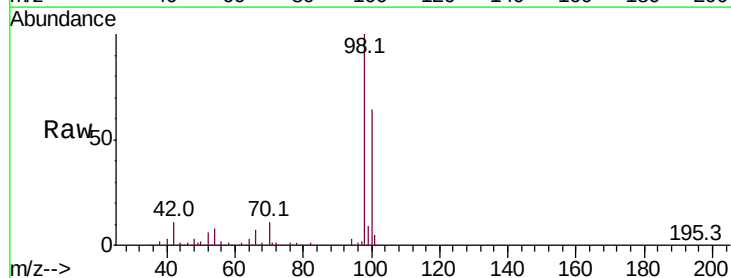
Acq: 31 Jul 2019 03:24

Tgt Ion: 98 Resp: 389770

Ion Ratio Lower Upper

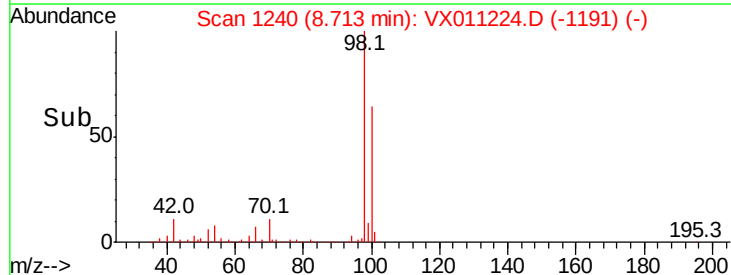
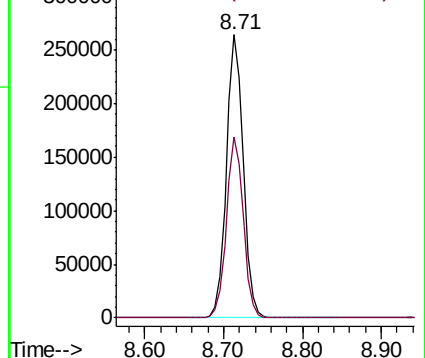
98 100

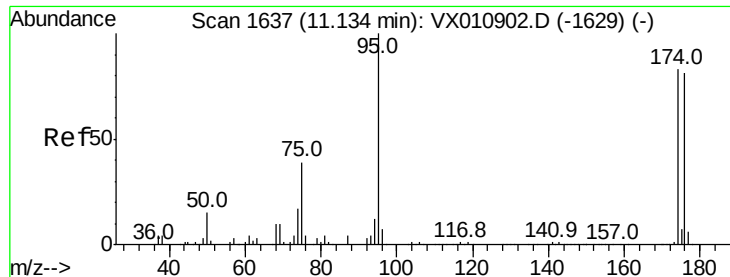
100 64.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.529 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011224.D

Acq: 31 Jul 2019 03:24

Instrument :

MSVOA_X

ClientSampleId :

PB121803ZHE#04

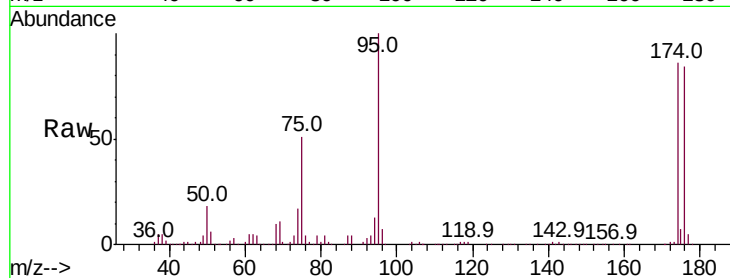
Tot Ion: 95 Resp: 131199

Ion Ratio Lower Upper

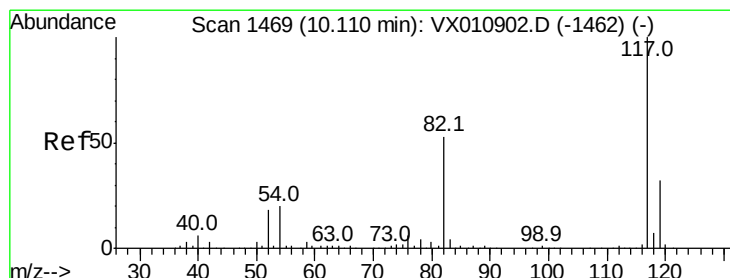
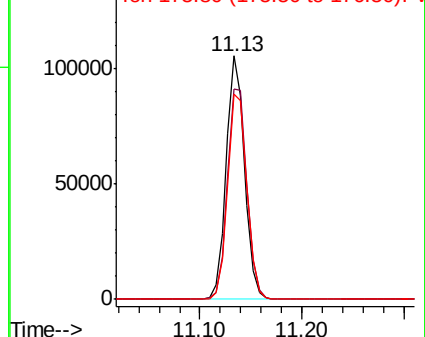
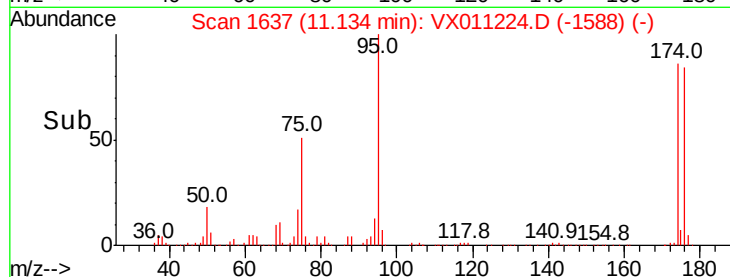
95 100

174 92.0 0.0 180.6

176 88.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011224.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011224.D

Acq: 31 Jul 2019 03:24

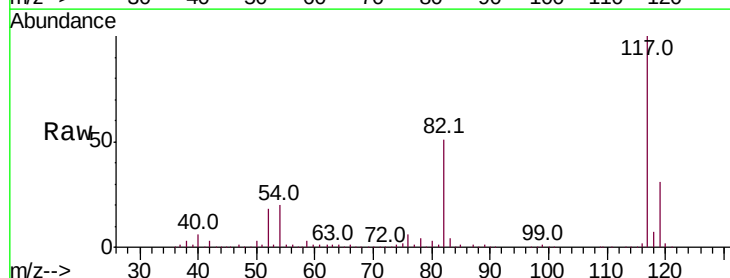
Tgt Ion: 117 Resp: 302287

Ion Ratio Lower Upper

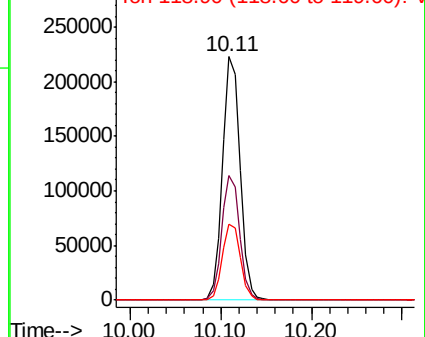
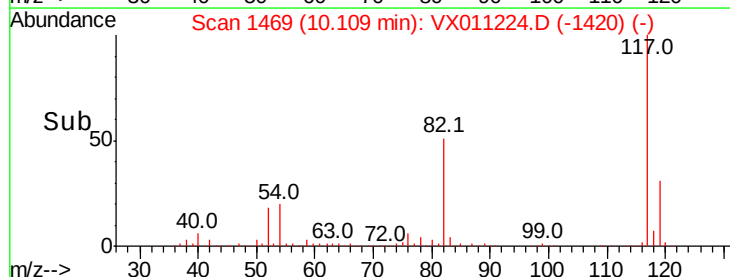
117 100

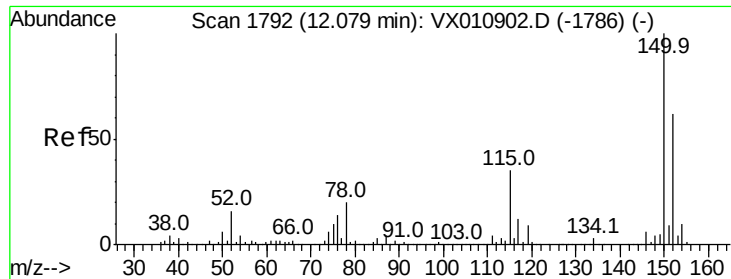
82 51.4 42.6 63.8

119 31.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011224.D (-1420) (-)

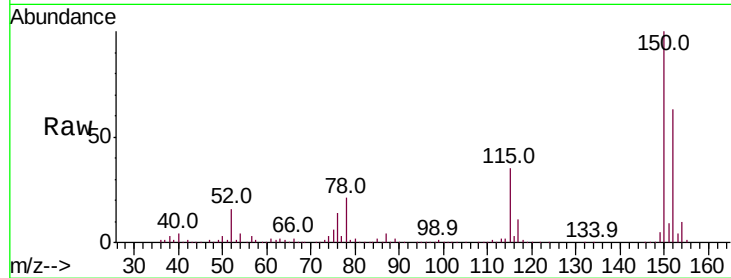




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX011224.D
 Acq: 31 Jul 2019 03:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121803ZHE#04

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.7	119.1
150	157.8	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

