

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
 Data File : VX007273.D
 Acq On : 28 Jan 2019 20:45
 Operator : JC/SP
 Sample : K1255-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR200036

Manual Integrations
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 1/29/2019 9:51:29 AM

Quant Time: Jan 29 02:25:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	550284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	843759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	819190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	291336	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
35) Dibromofluoromethane	5.51	113	262251	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
50) Toluene-d8	8.71	98	1037167	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	11.13	95	361662	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
Target Compounds						
16) Acetone	2.45	43	29335	10.318	ug/l	91
20) Methylene Chloride	2.83	84	40231475m	7524.460	ug/l	
25) 2-Butanone	4.70	43	8508	2.091	ug/l	96
43) Isopropyl Acetate	6.46	43	25049	2.019	ug/l #	95
95) Naphthalene	13.83	128	48668	1.747	ug/l	97

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

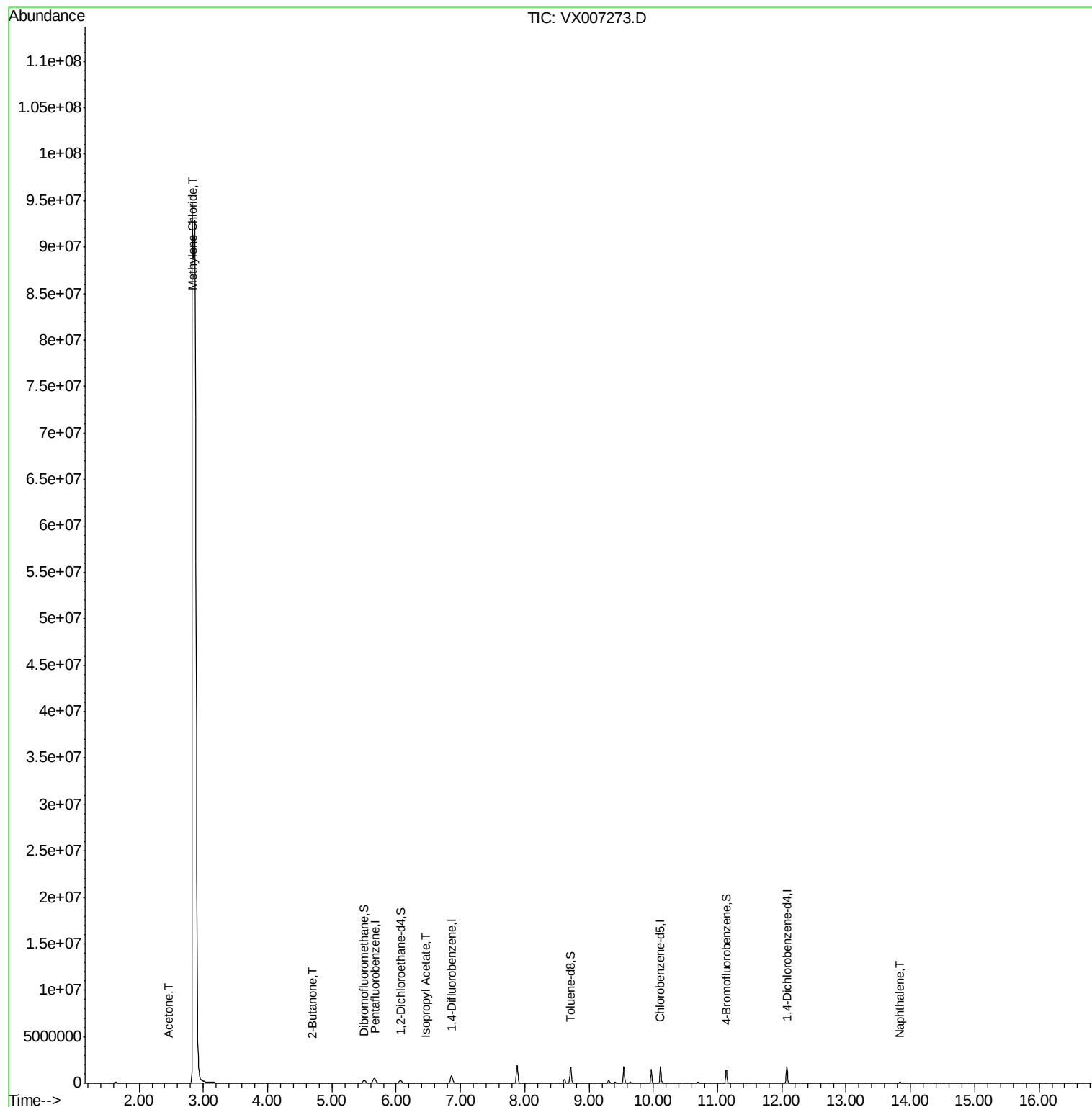
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012819\
Data File : VX007273.D
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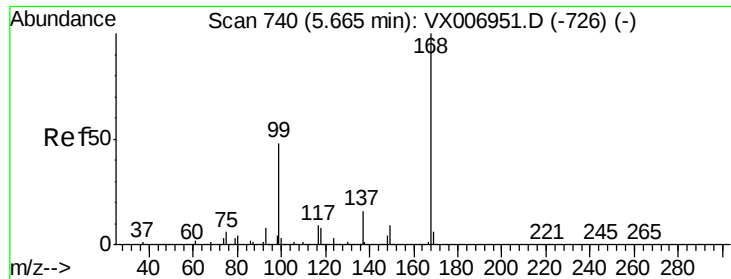
Instrument :
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Quant Time: Jan 29 02:25:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007273.D

Acq: 28 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

RBR200036

Tot Ion:168 Resp: 550284

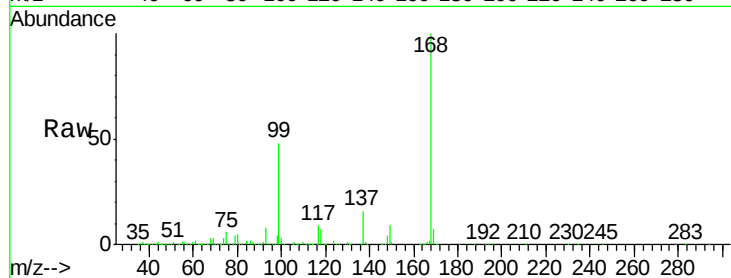
Ion Ratio Lower Upper

168 100

99 47.7 41.8 62.8

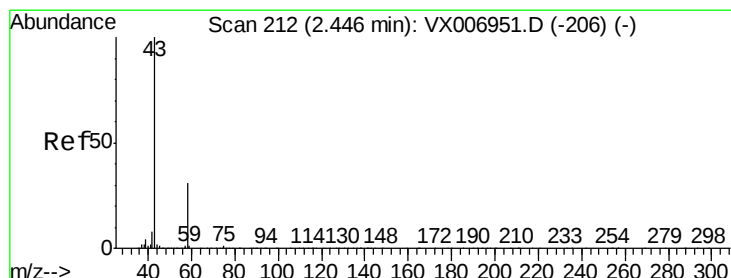
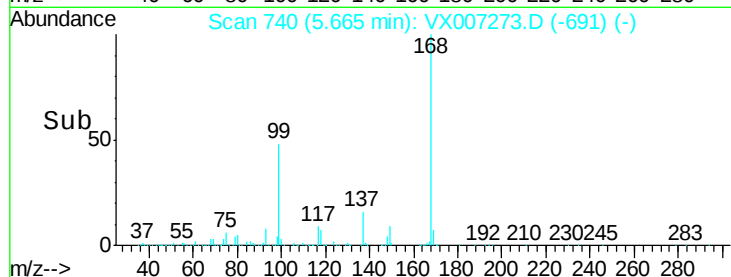
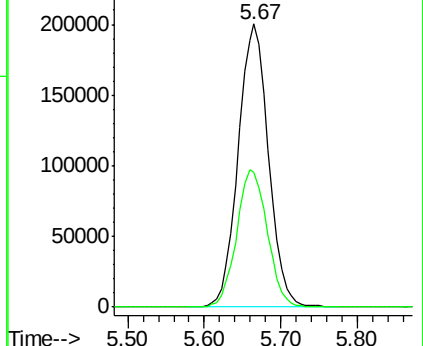
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 10.318 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007273.D

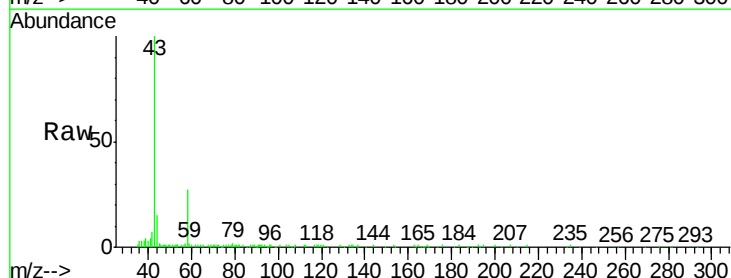
Acq: 28 Jan 2019 20:45

Tgt Ion: 43 Resp: 29335

Ion Ratio Lower Upper

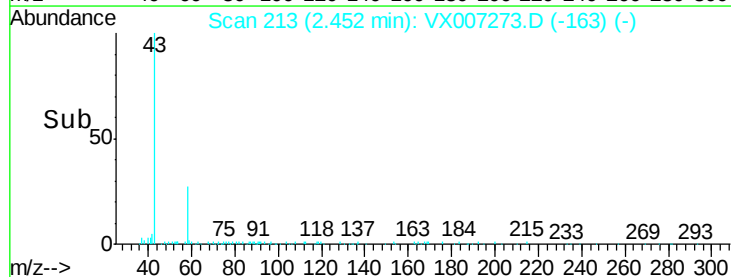
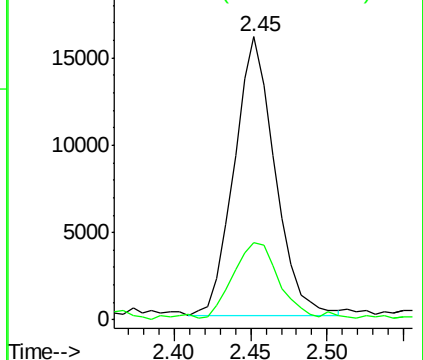
43 100

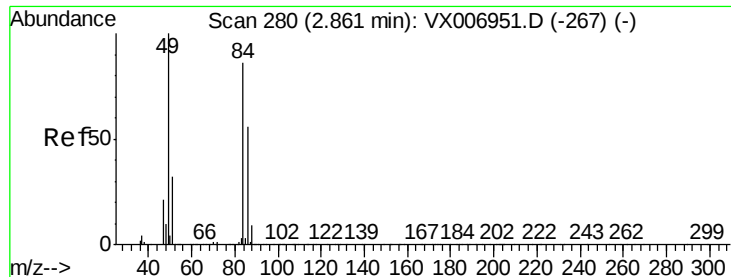
58 26.2 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 7524.460 ug/l m

RT: 2.83 min Scan# 275

Delta R.T. -0.03 min

Lab File: VX007273.D

Acq: 28 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

RBR200036

Tot Ion: 84 Resp: 40231475

Ion Ratio Lower Upper

84 100

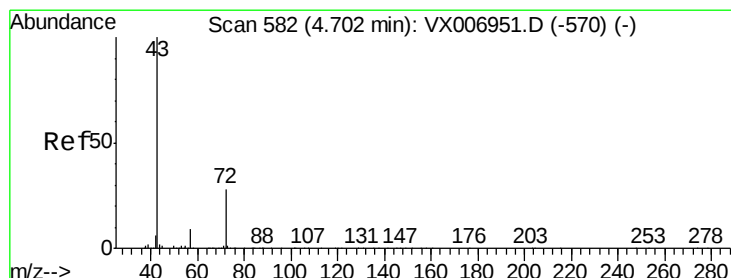
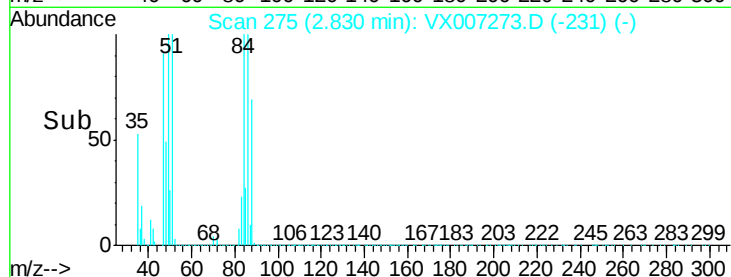
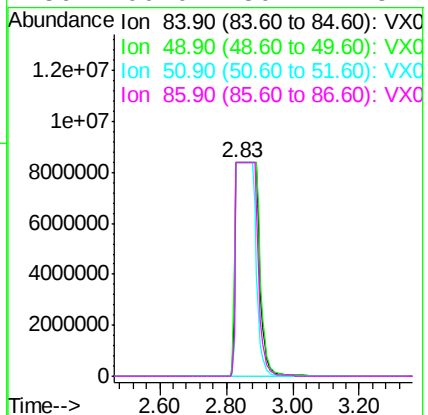
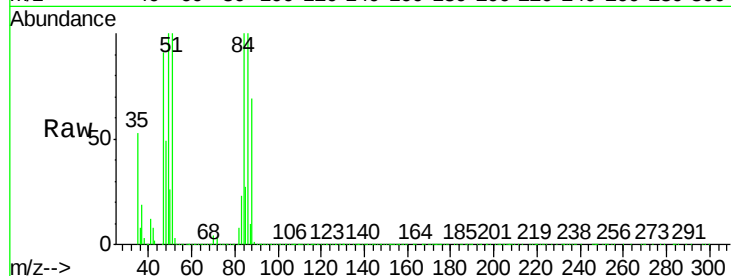
49 100.0 91.8 137.6

51 100.0 28.5 42.7#

86 100.0 50.2 75.2#

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#25

2-Butanone

Concen: 2.091 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007273.D

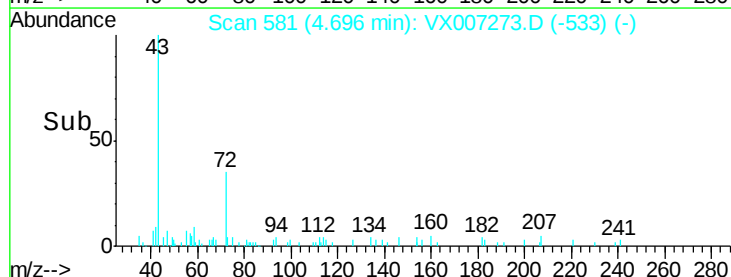
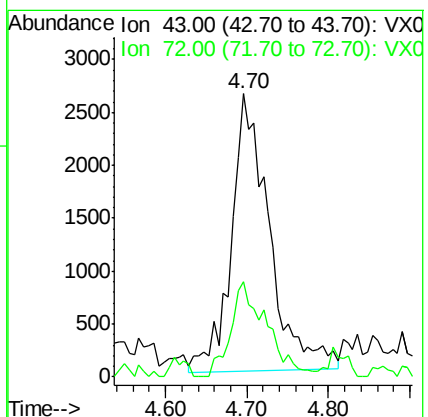
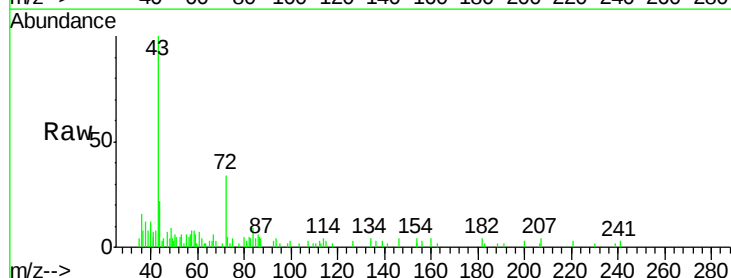
Acq: 28 Jan 2019 20:45

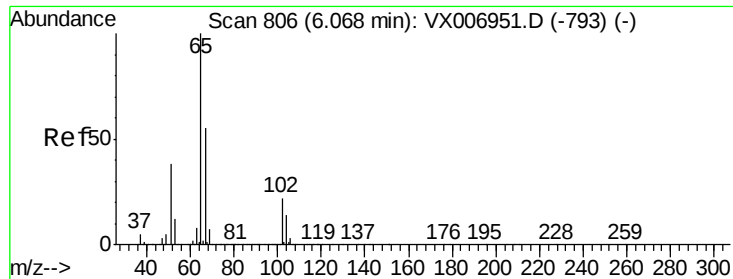
Tgt Ion: 43 Resp: 8508

Ion Ratio Lower Upper

43 100

72 30.0 22.4 33.6





#33

1,2-Dichloroethane-d4

Concen: 50.659 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007273.D

Acq: 28 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

RBR200036

Tot Ion: 65 Resp: 291336

Ion Ratio Lower Upper

65 100

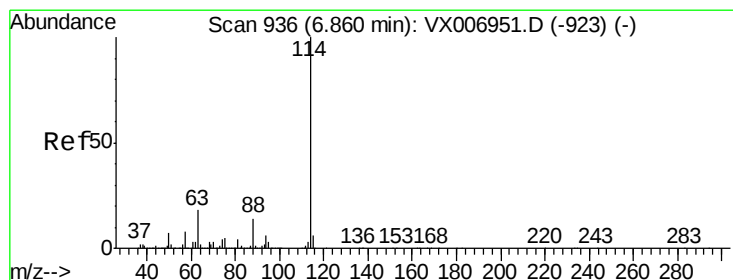
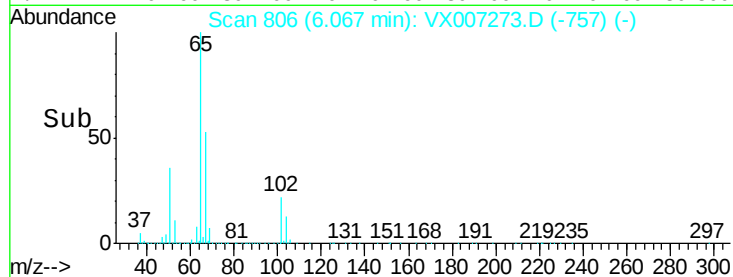
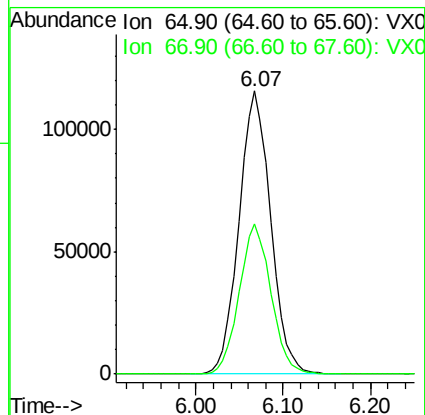
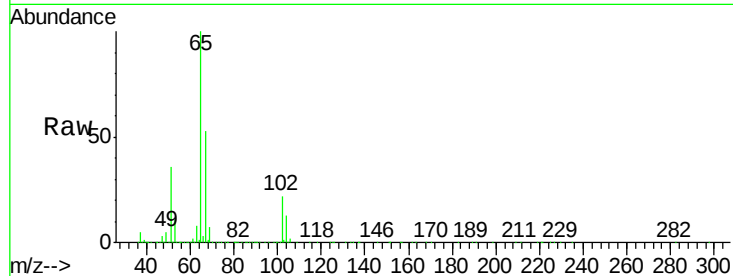
67 53.2 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007273.D

Acq: 28 Jan 2019 20:45

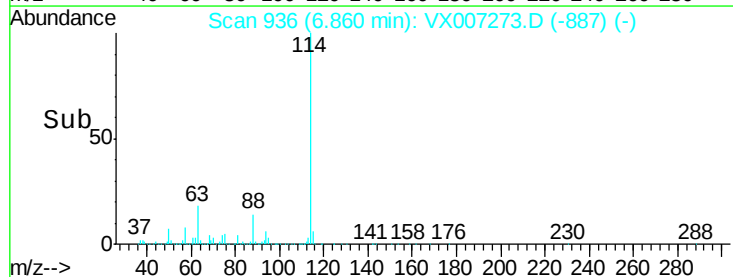
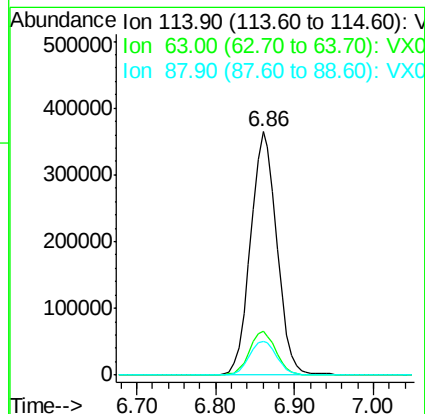
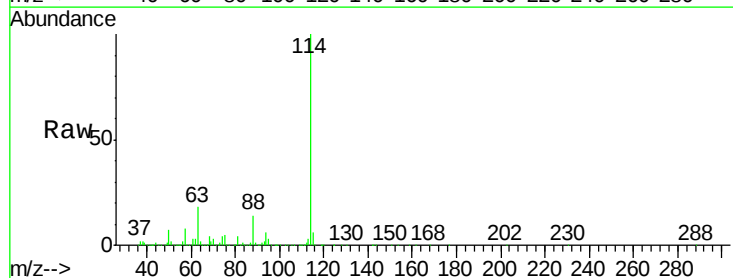
Tgt Ion: 114 Resp: 843759

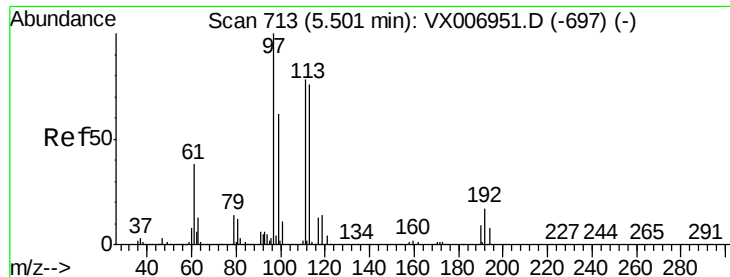
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

88 14.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.535 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007273.D

Acq: 28 Jan 2019 20:45

Instrument :

MSVOA_X

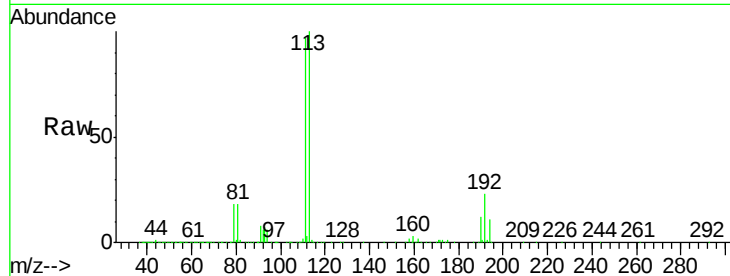
ClientSampleId :

RBR200036

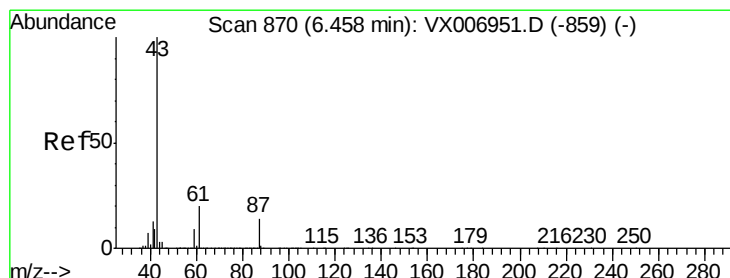
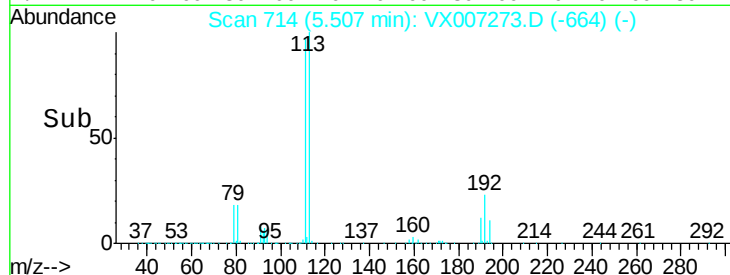
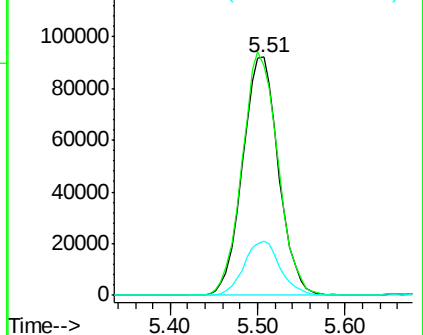
Tot Ion:	113	Resp:	262251
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.6	122.4
192	23.1	16.7	25.1

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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: 2.019 ug/l

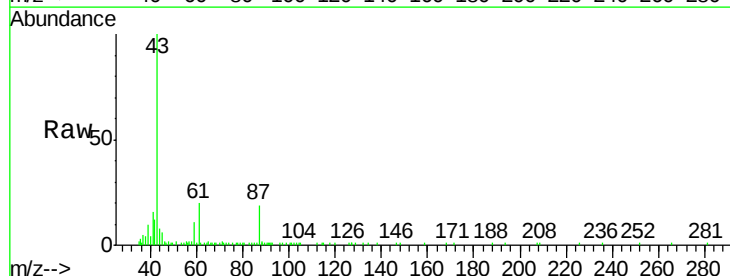
RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

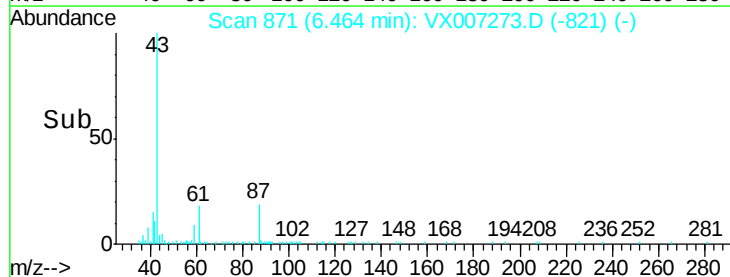
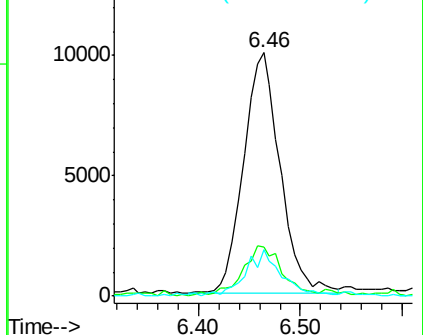
Lab File: VX007273.D

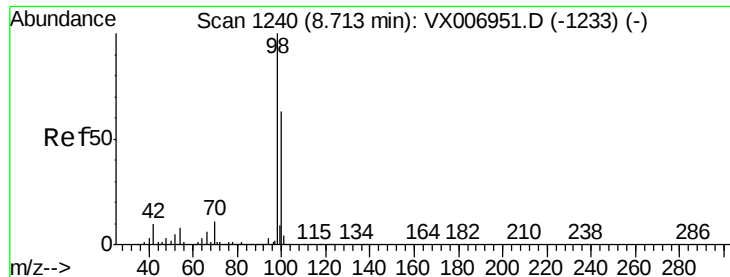
Acq: 28 Jan 2019 20:45

Tgt Ion:	43	Resp:	25049
Ion Ratio	Lower	Upper	
43	100		
61	22.5	16.8	25.2
87	18.9	12.4	18.6#



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: 52.440 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007273.D

Acq: 28 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

RBR200036

Tot Ion: 98 Resp: 1037167

Ion Ratio Lower Upper

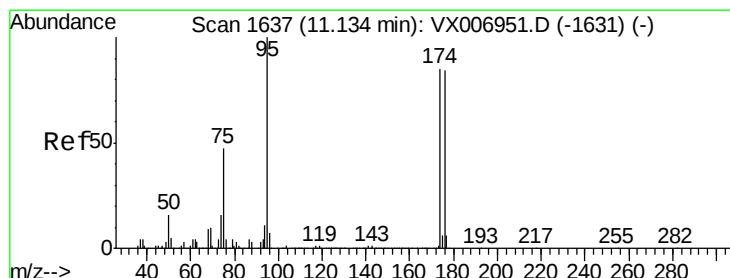
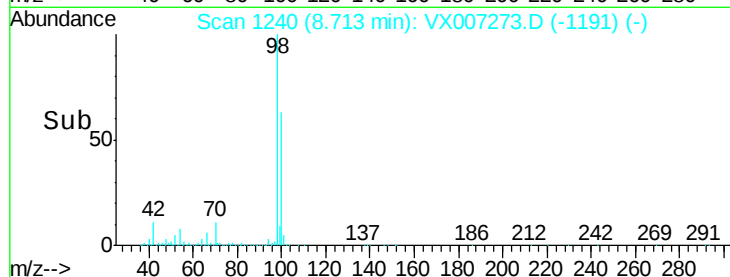
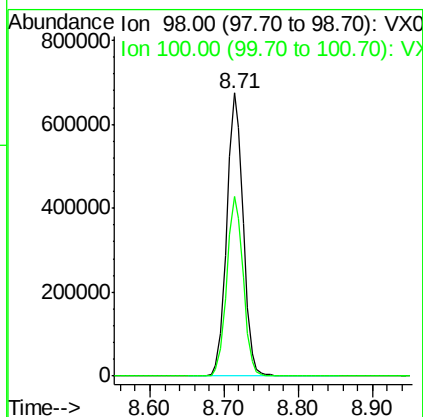
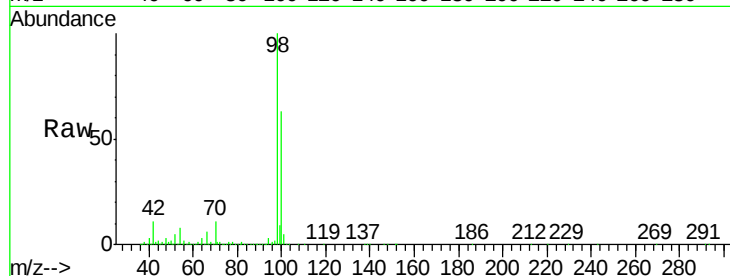
98 100

100 63.6 52.0 78.0

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#62

4-Bromofluorobenzene

Concen: 52.452 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007273.D

Acq: 28 Jan 2019 20:45

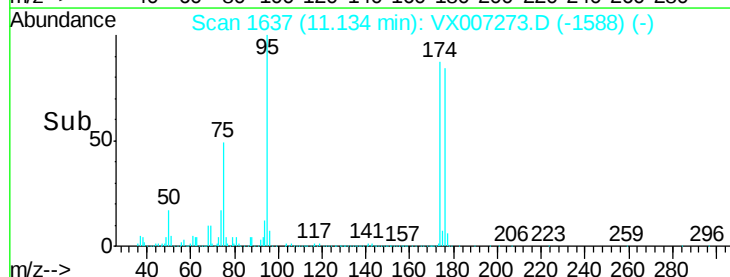
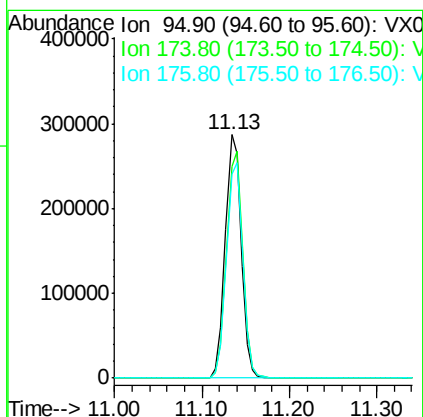
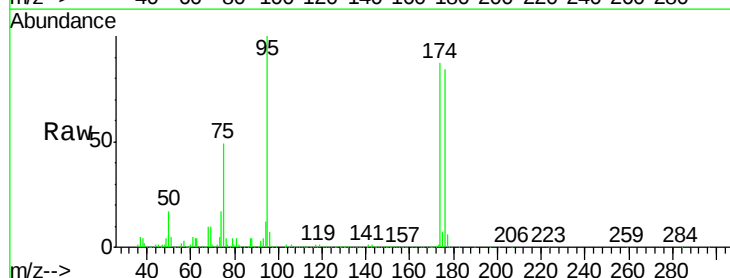
Tgt Ion: 95 Resp: 361662

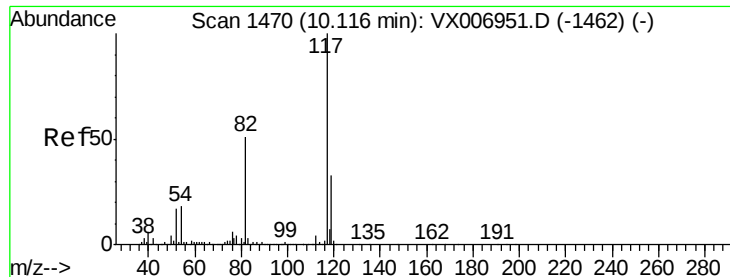
Ion Ratio Lower Upper

95 100

174 94.6 0.0 182.2

176 90.5 0.0 178.8





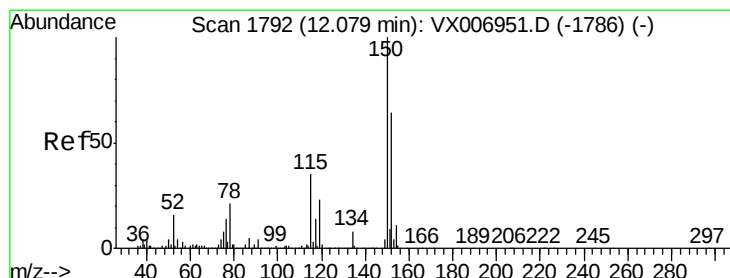
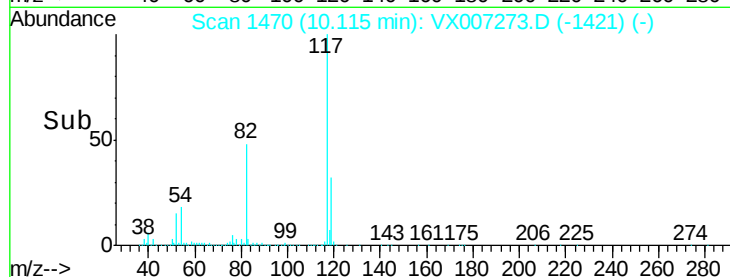
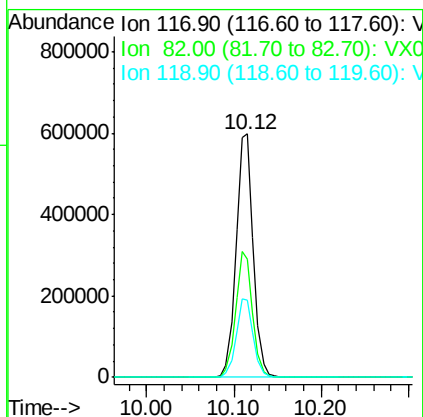
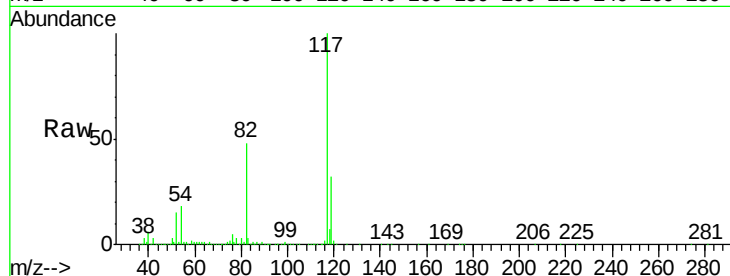
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tot Ion	Ratio	Resp	Lower	Upper
117	100	819190		
82	48.5	41.0	61.6	
119	31.6	25.4	38.0	

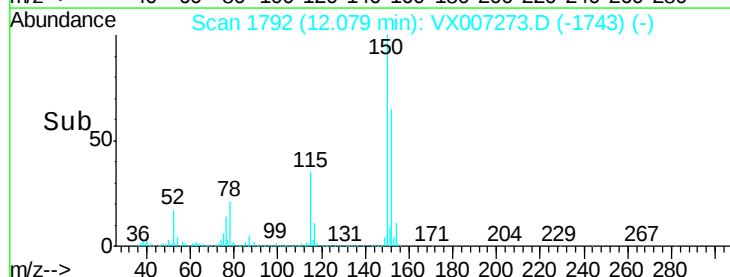
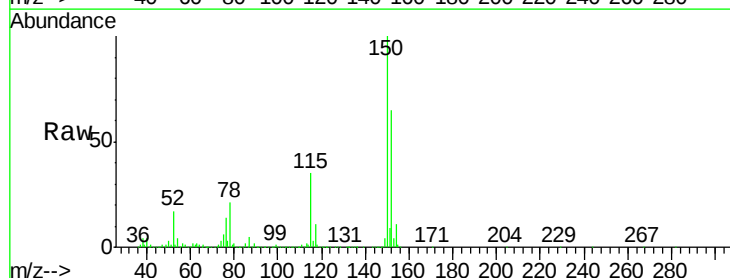
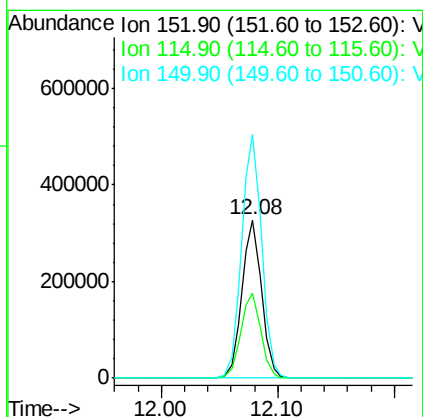
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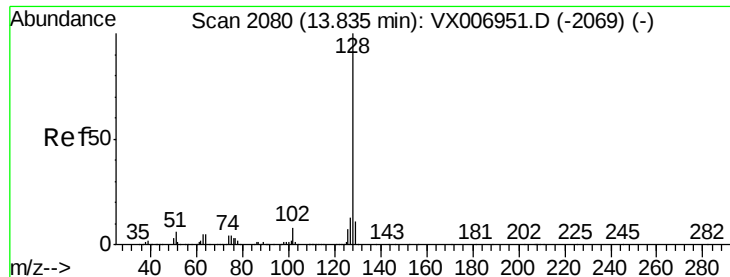
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	386681		
115	54.6	39.1	117.2	
150	156.5	0.0	344.8	





#95
Naphthalene
Concen: 1.747 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007273.D
Acq: 28 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
RBR200036

Tot Ion	Ratio	Resp	Lower	Upper
128	100	48668		
127	14.4		10.1	15.1
129	11.1		8.6	13.0

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