

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020419\
 Data File : VX007360.D
 Acq On : 04 Feb 2019 15:36
 Operator : JC/SP
 Sample : K1360-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200053

Quant Time: Feb 05 00:43:03 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	507152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	795738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	781097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	374560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	282779	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	5.51	113	250758	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	981059	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	347529	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

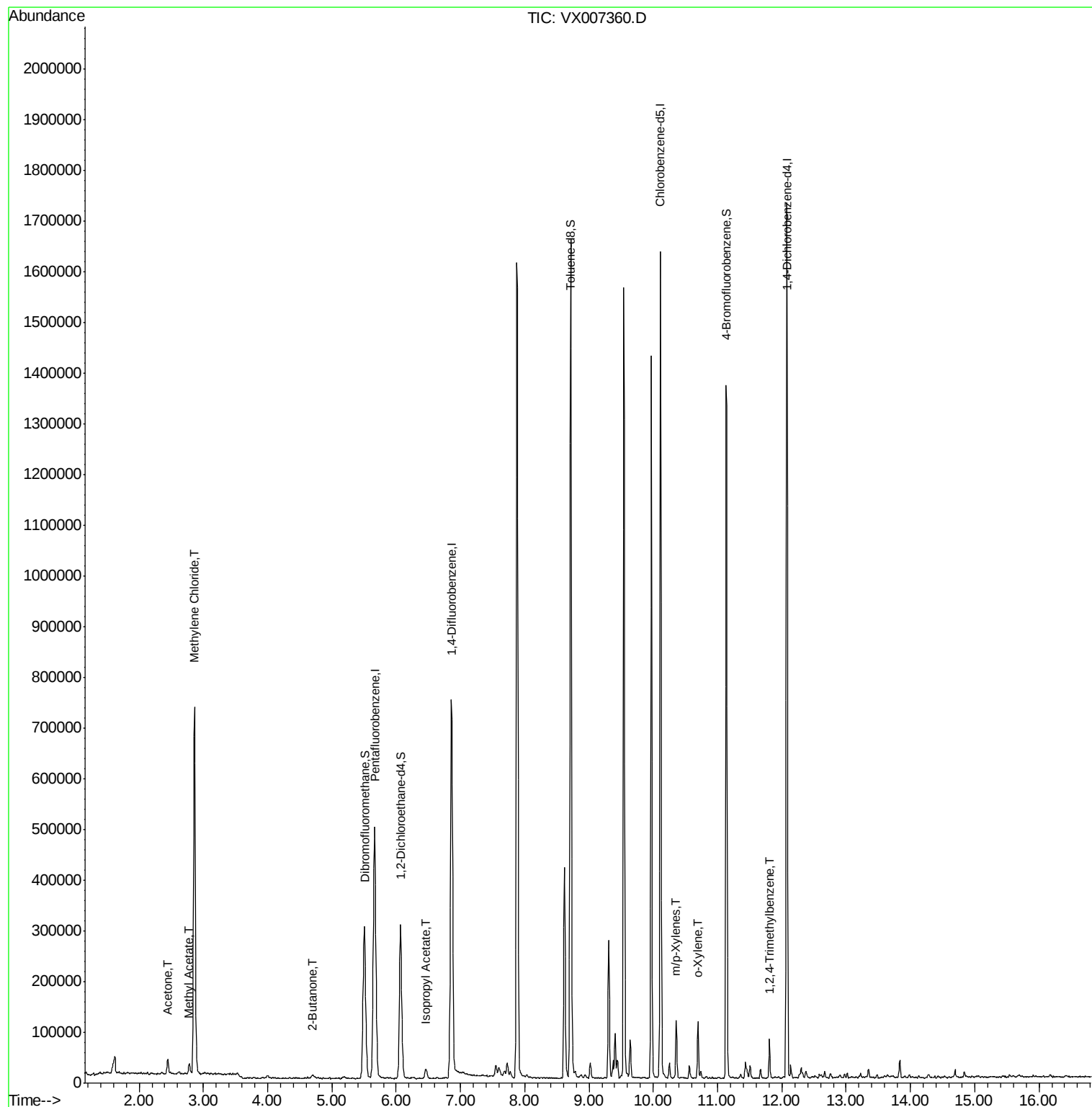
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	31570	12.803	ug/l	99
18) Methyl Acetate	2.78	43	27234	4.782	ug/l	99
20) Methylene Chloride	2.86	84	340671	67.779	ug/l	98
25) 2-Butanone	4.70	43	12620	3.596	ug/l #	85
43) Isopropyl Acetate	6.46	43	24948	2.239	ug/l	94
68) m/p-Xylenes	10.36	106	29159	2.672	ug/l	96
69) o-Xylene	10.70	106	11264	1.073	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	32686	1.546	ug/l	96

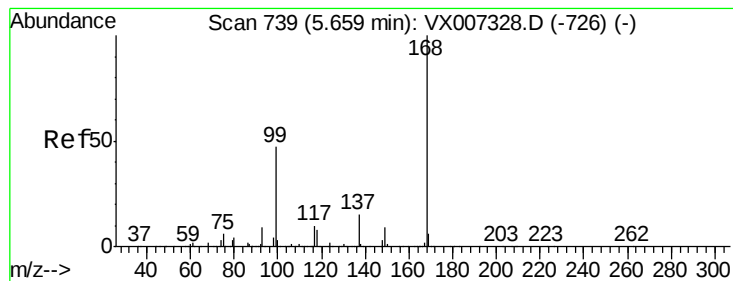
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020419\
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Quant Time: Feb 05 00:43:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 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: VX007360.D

Acq: 04 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

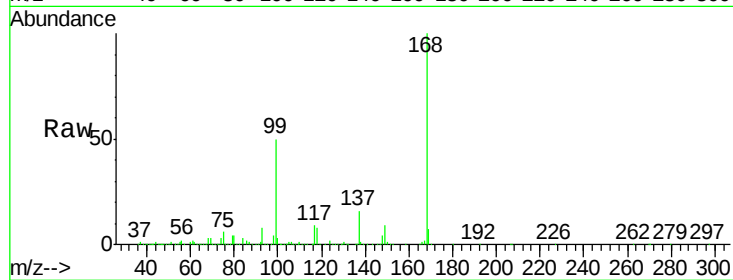
RBR-200053

Tot Ion:168 Resp: 507152

Ion Ratio Lower Upper

168 100

99 50.1 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

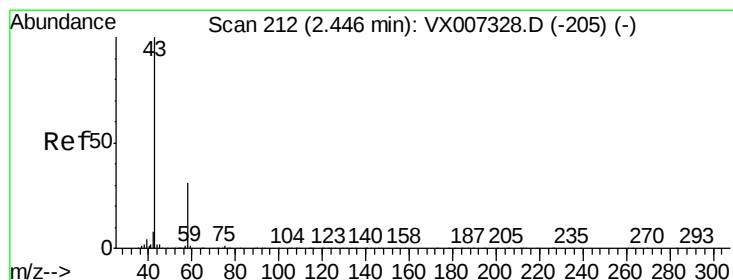
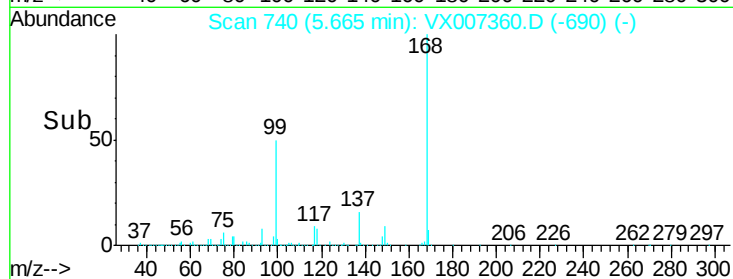
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.803 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007360.D

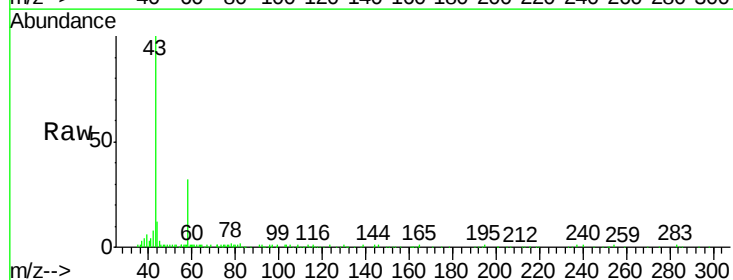
Acq: 04 Feb 2019 15:36

Tgt Ion: 43 Resp: 31570

Ion Ratio Lower Upper

43 100

58 31.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

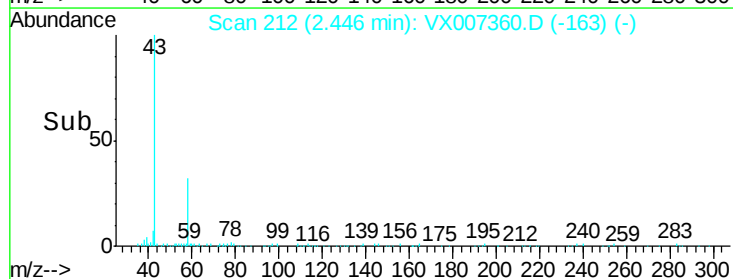
15000

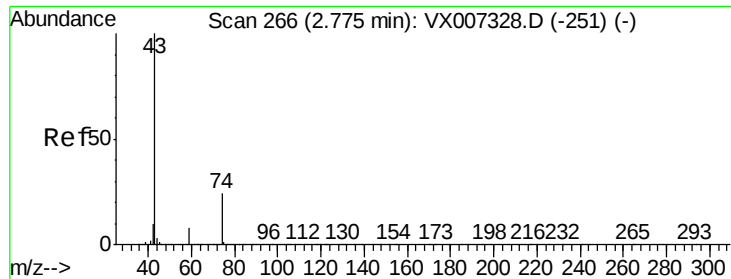
10000

5000

0

Time-->

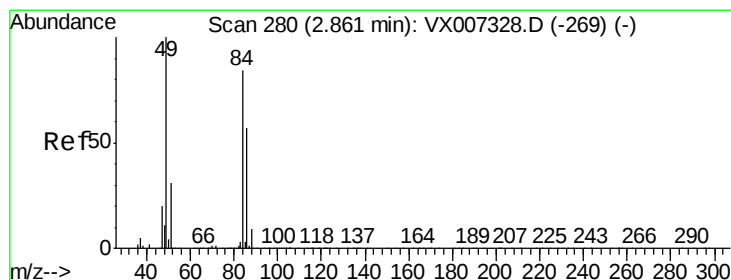
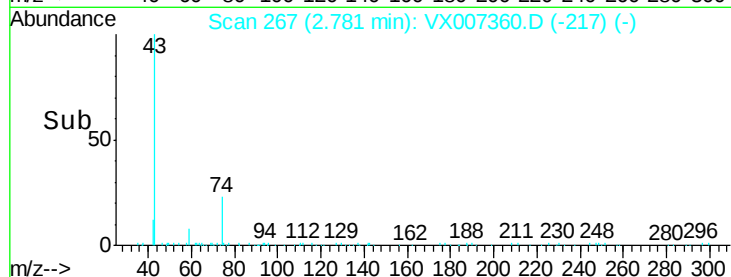
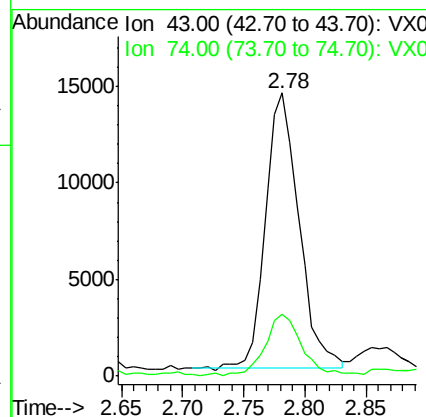
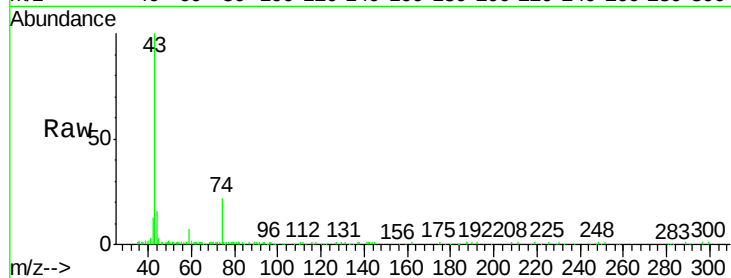




#18
Methyl Acetate
Concen: 4.782 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

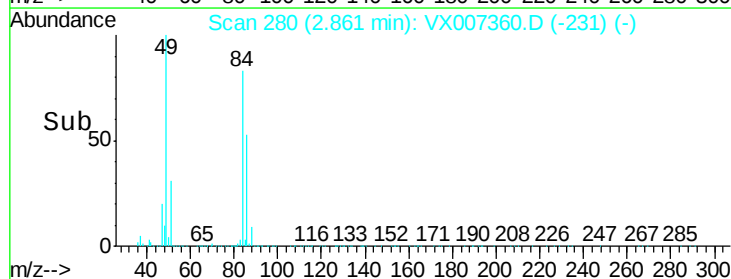
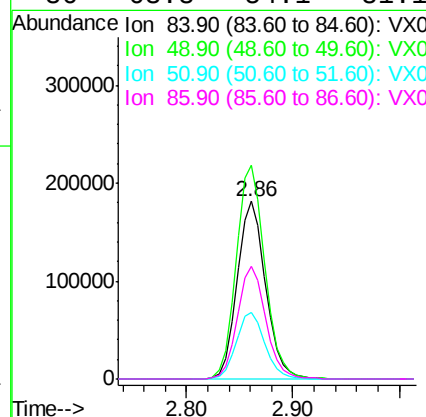
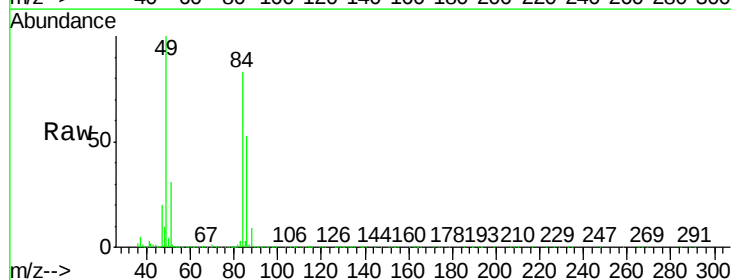
Instrument :
MSVOA_X
ClientSampleId :
RBR-200053

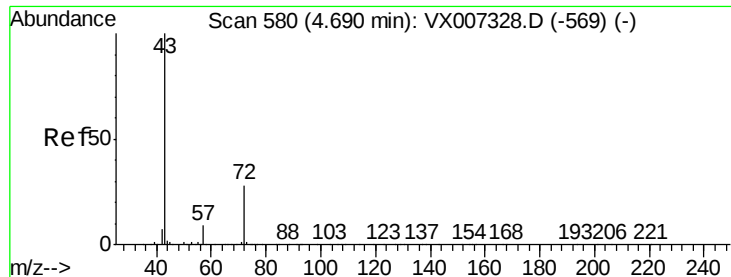
Tot Ion: 43 Resp: 27234
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2



#20
Methylene Chloride
Concen: 67.779 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

Tgt Ion: 84 Resp: 340671
Ion Ratio Lower Upper
84 100
49 120.3 94.8 142.2
51 37.4 29.8 44.8
86 63.8 54.1 81.1

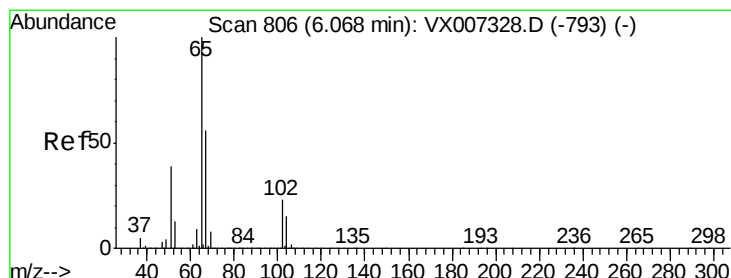
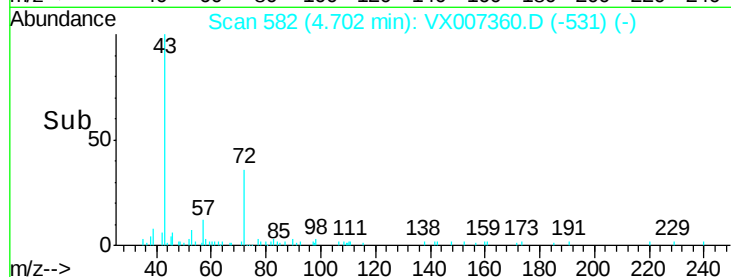
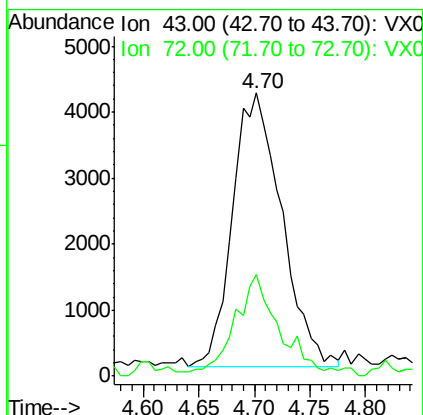
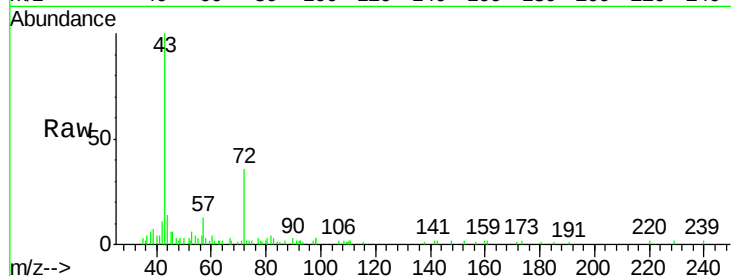




#25
2-Butanone
Concen: 3.596 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

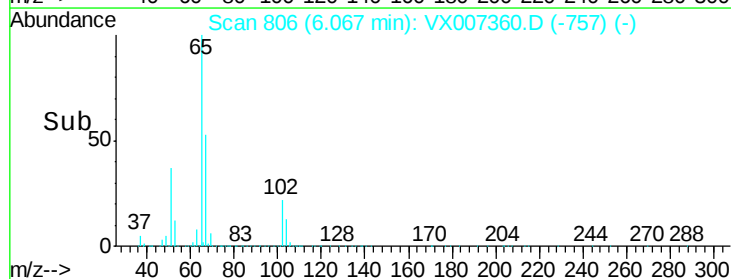
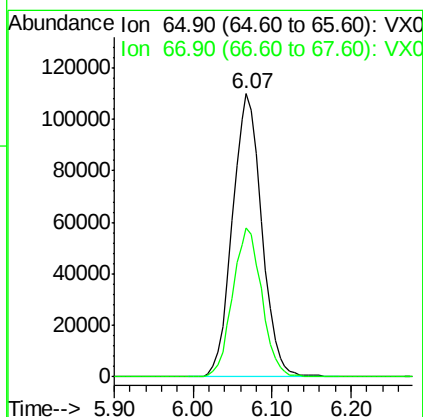
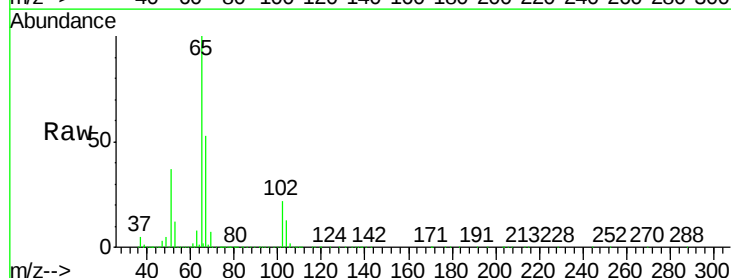
Instrument :
MSVOA_X
ClientSampleId :
RBR-200053

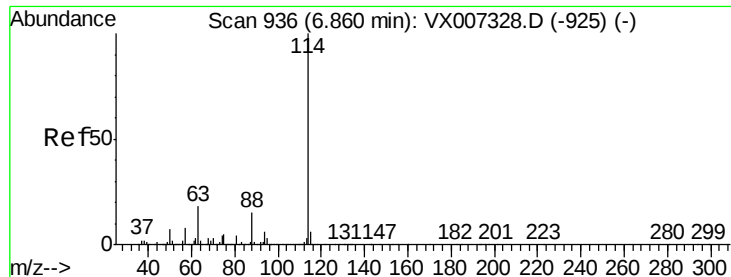
Tot Ion: 43 Resp: 12620
Ion Ratio Lower Upper
43 100
72 35.7 22.2 33.2#



#33
1,2-Dichloroethane-d4
Concen: 52.532 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

Tgt Ion: 65 Resp: 282779
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007360.D

Acq: 04 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

RBR-200053

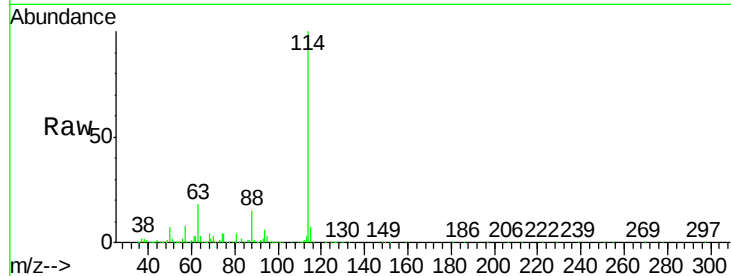
Tot Ion:114 Resp: 795738

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

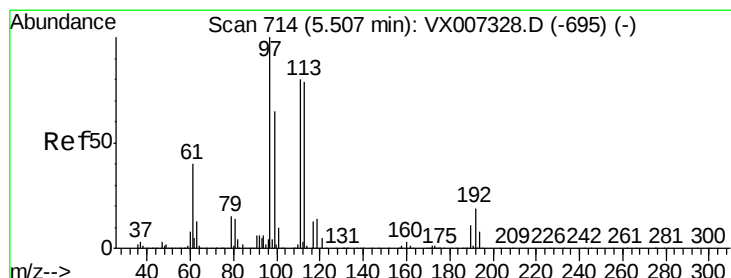
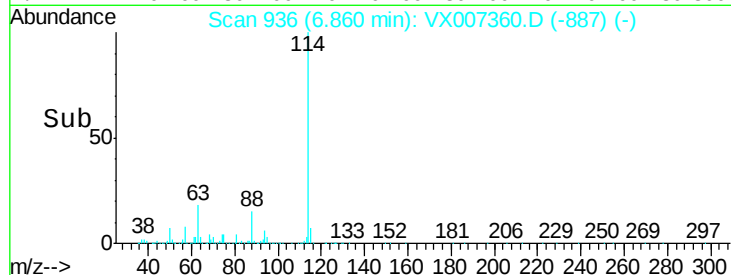
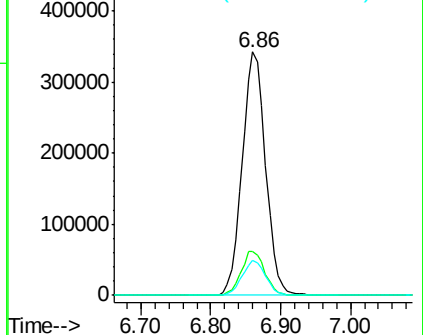
88 14.5 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 48.431 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007360.D

Acq: 04 Feb 2019 15:36

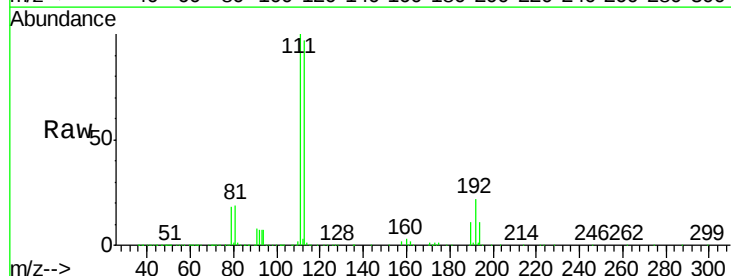
Tgt Ion:113 Resp: 250758

Ion Ratio Lower Upper

113 100

111 104.2 81.8 122.8

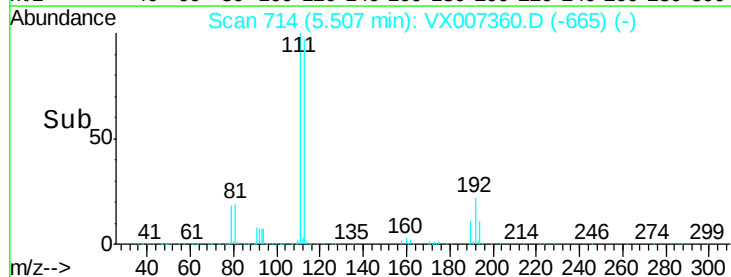
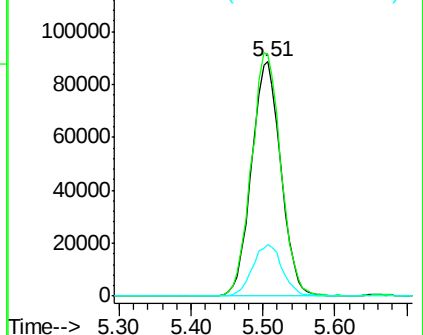
192 22.3 18.5 27.7

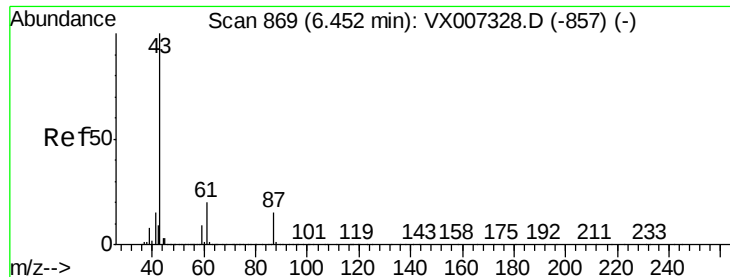


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.239 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007360.D

Acq: 04 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampled :

RBR-200053

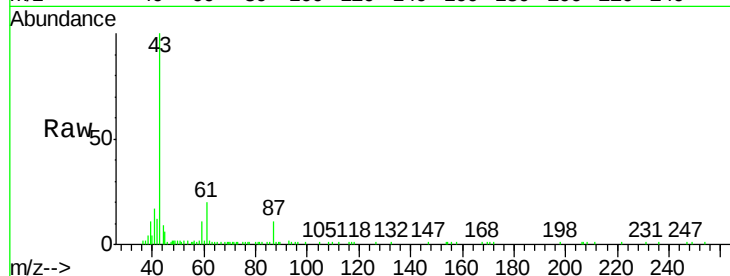
Tot Ion: 43 Resp: 24948

Ion Ratio Lower Upper

43 100

61 23.1 16.1 24.1

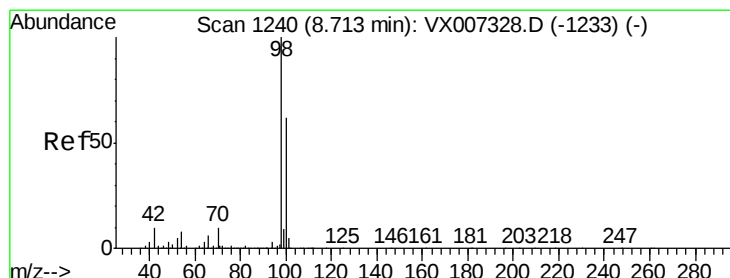
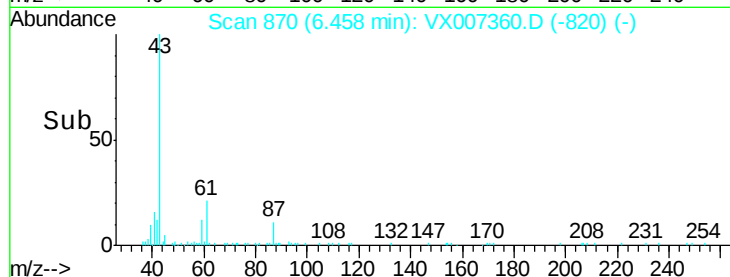
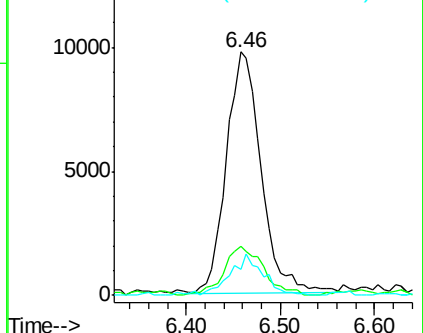
87 16.2 11.5 17.3



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: 51.071 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007360.D

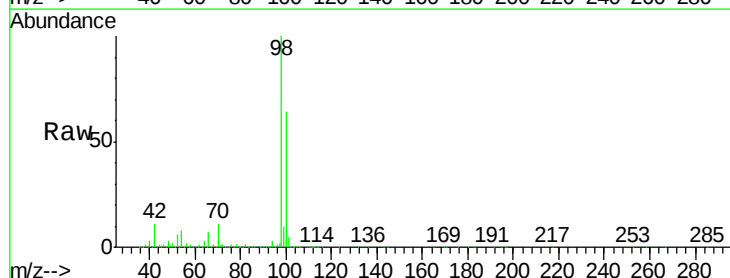
Acq: 04 Feb 2019 15:36

Tgt Ion: 98 Resp: 981059

Ion Ratio Lower Upper

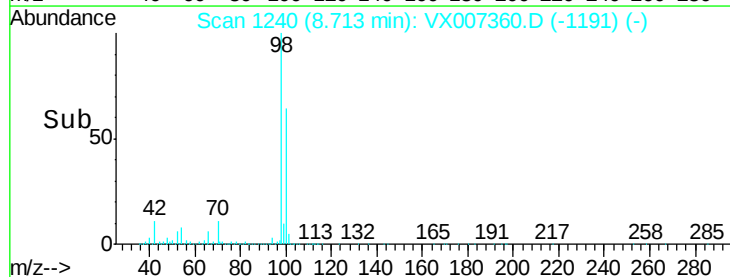
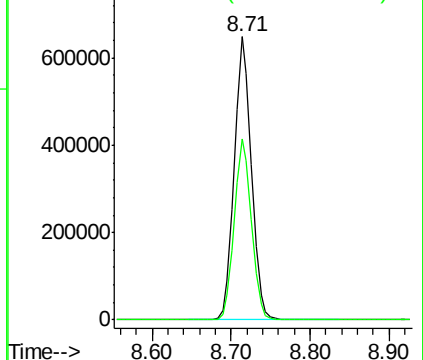
98 100

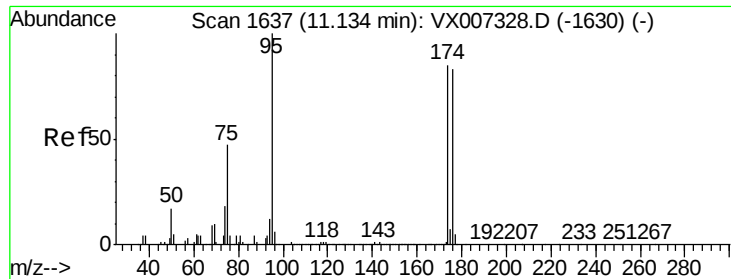
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

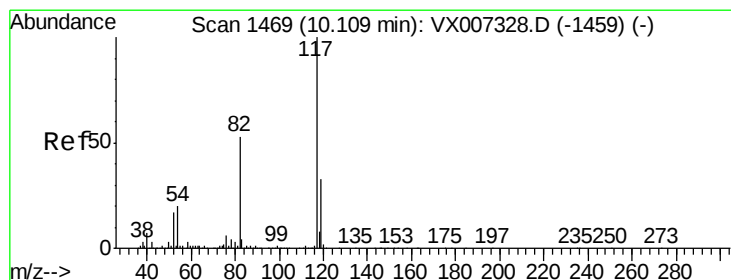
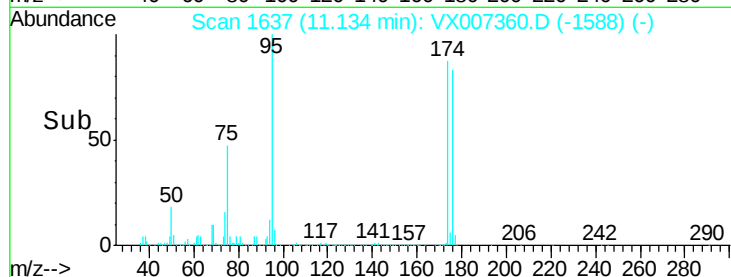
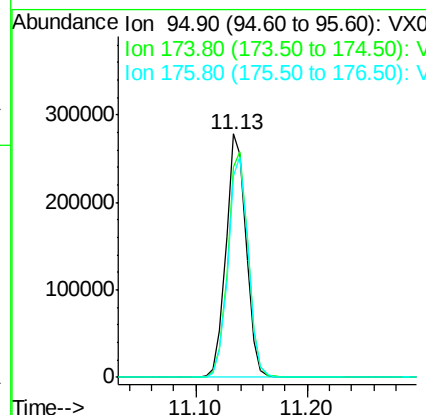
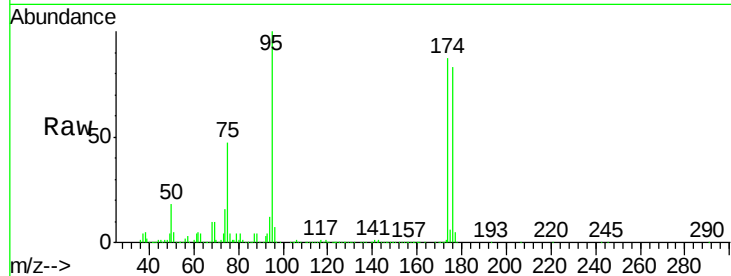




#62
4-Bromofluorobenzene
Concen: 49.552 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

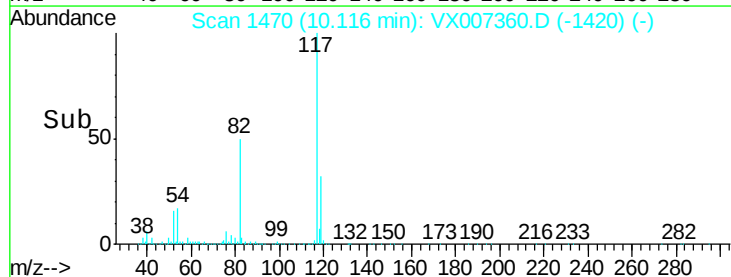
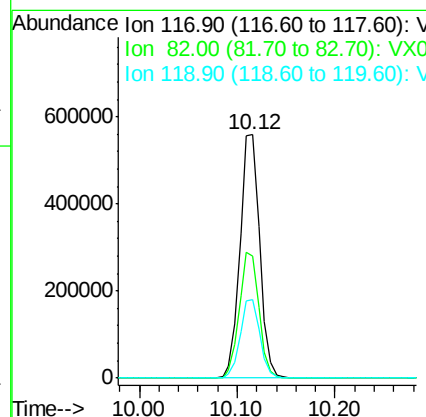
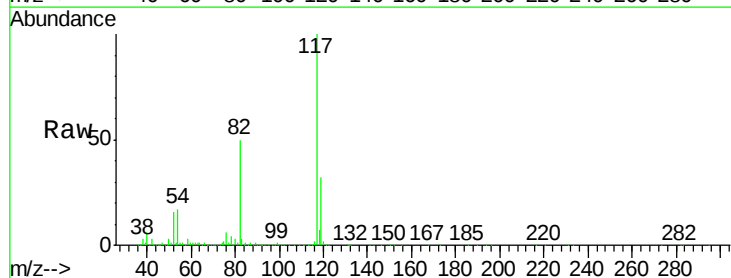
Instrument :
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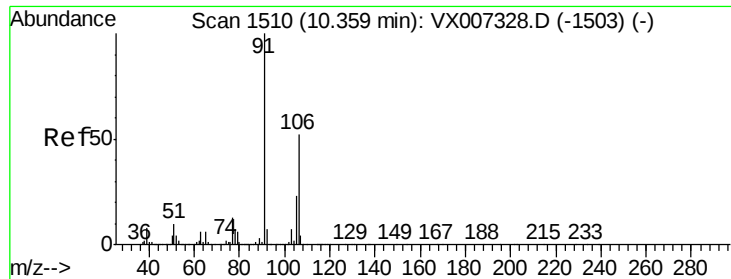
Tot Ion: 95 Resp: 347529
Ion Ratio Lower Upper
95 100
174 93.4 0.0 189.2
176 90.2 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

Tgt Ion: 117 Resp: 781097
Ion Ratio Lower Upper
117 100
82 50.3 42.1 63.1
119 32.0 26.5 39.7





#68

m/p-Xylenes

Concen: 2.672 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007360.D

Acq: 04 Feb 2019 15:36

Instrument :

MSVOA_X

ClientSampleId :

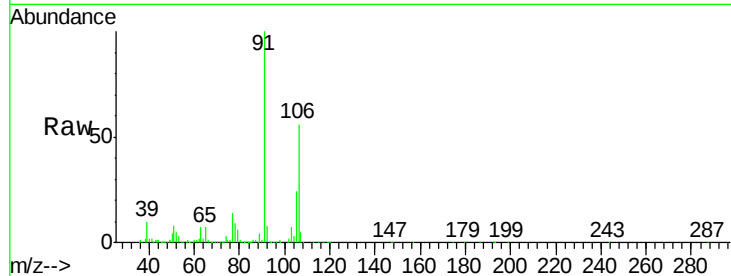
RBR-200053

Tot Ion:106 Resp: 29159

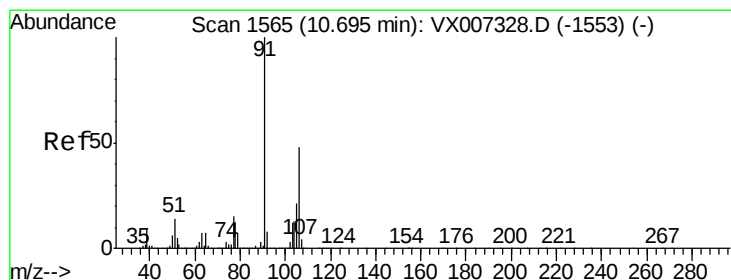
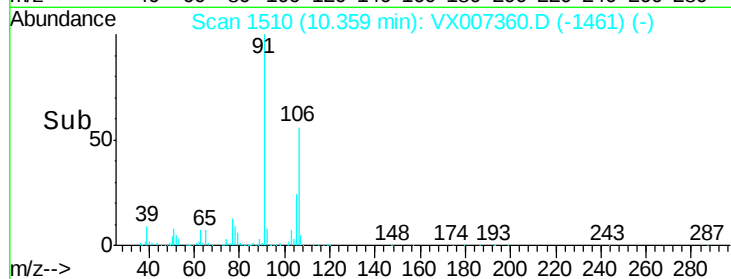
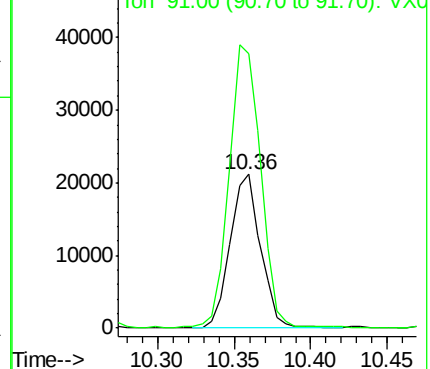
Ion Ratio Lower Upper

106 100

91 189.7 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 1.073 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007360.D

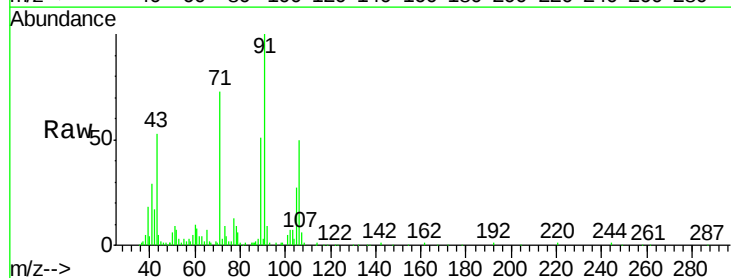
Acq: 04 Feb 2019 15:36

Tgt Ion:106 Resp: 11264

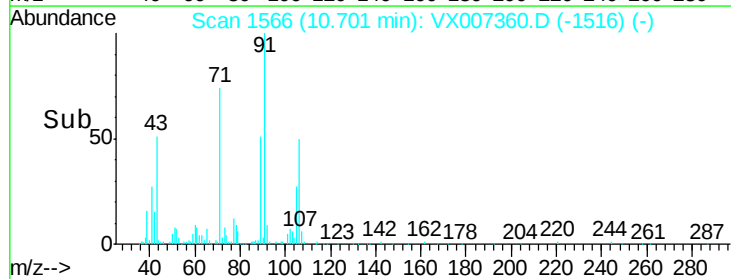
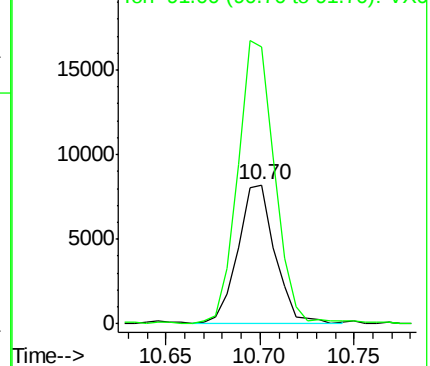
Ion Ratio Lower Upper

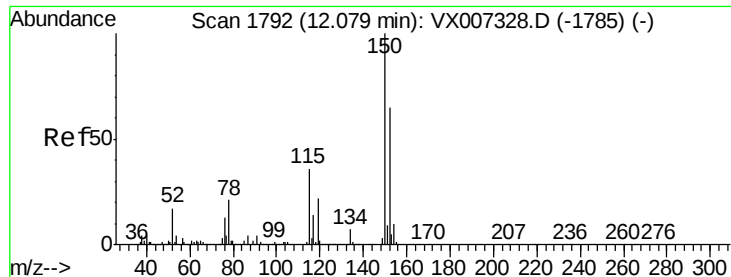
106 100

91 203.7 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V



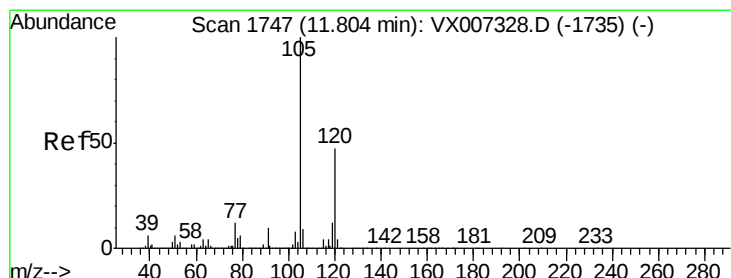
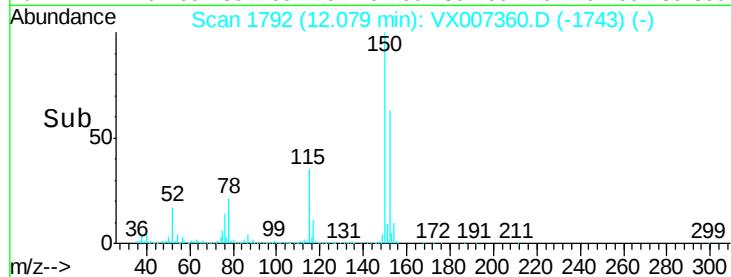
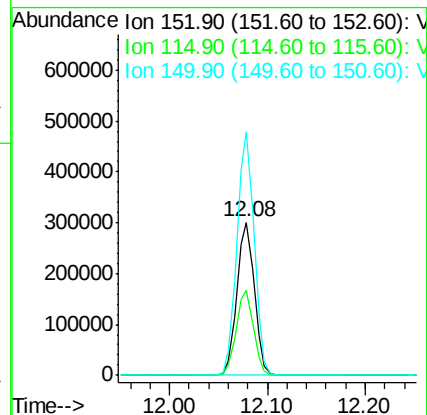
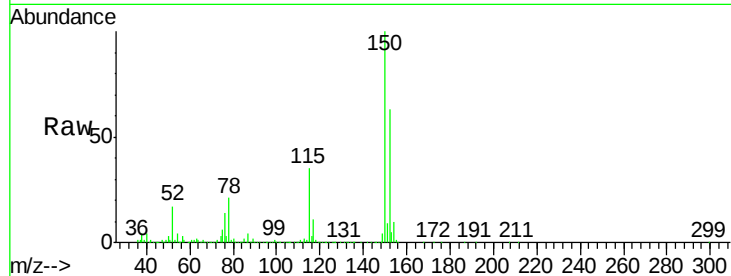


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

Instrument :
MSVOA_X
ClientSampleId :
RBR-200053

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.0	114.0
150	156.6	0.0	346.4



#84

1,2,4-Trimethylbenzene
Concen: 1.546 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007360.D
Acq: 04 Feb 2019 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	23.1	69.3

