

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012619\
 Data File : VX007248.D
 Acq On : 25 Jan 2019 23:48
 Operator : JC/SP
 Sample : K1231-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200029

Quant Time: Jan 28 02:15:49 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	537857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	836135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	807714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	399305	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	290928	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
35) Dibromofluoromethane	5.51	113	262627	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	1020171	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	11.13	95	367982	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	

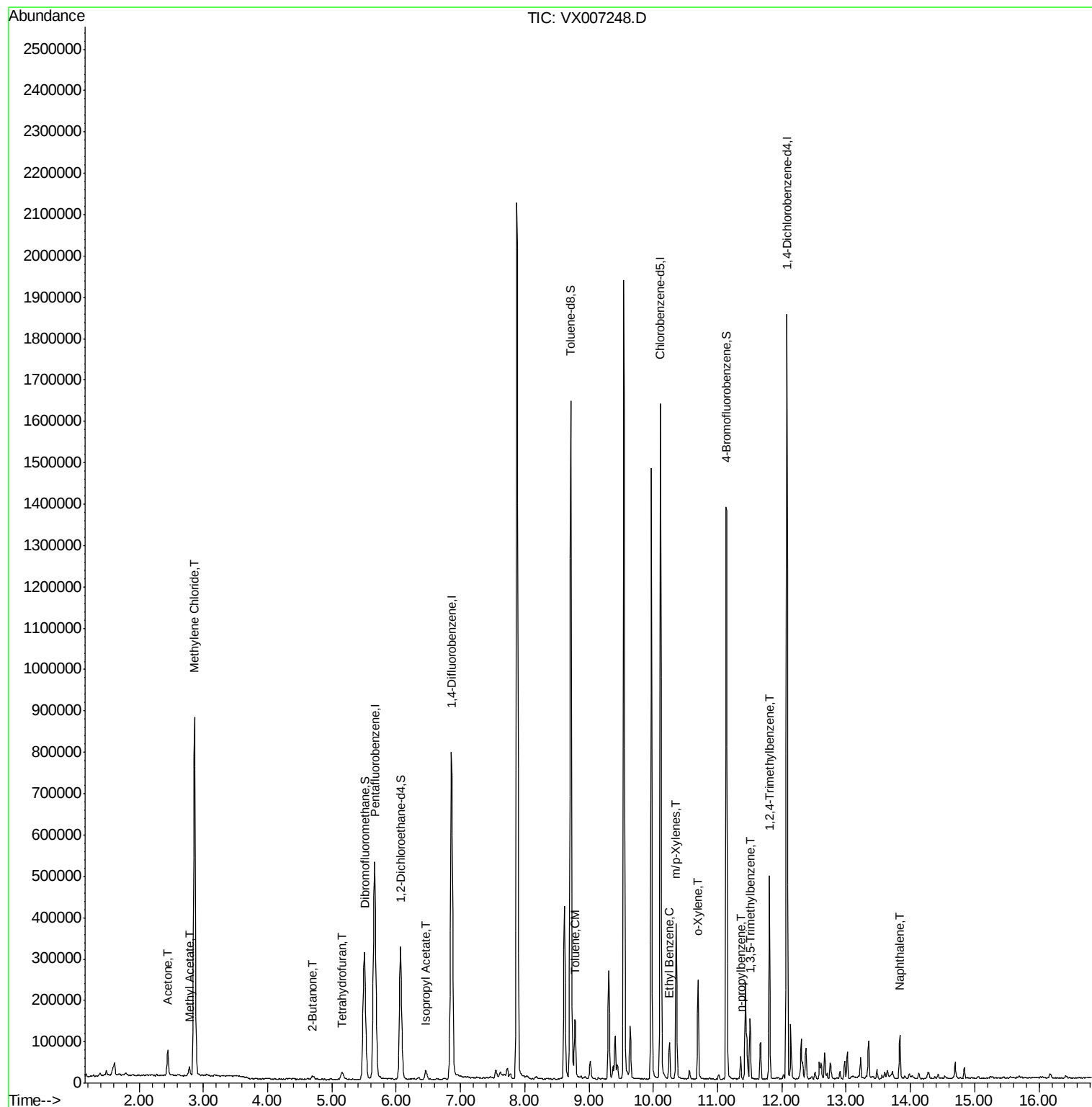
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	67446	24.271	ug/l	99
18) Methyl Acetate	2.78	43	26444	3.286	ug/l	98
20) Methylene Chloride	2.86	84	398515	75.689	ug/l	94
25) 2-Butanone	4.70	43	15445	3.884	ug/l	96
29) Tetrahydrofuran	5.16	42	16284	6.302	ug/l	99
43) Isopropyl Acetate	6.46	43	27414	2.230	ug/l	99
52) Toluene	8.79	92	47844	3.356	ug/l	96
67) Ethyl Benzene	10.25	91	55209	1.898	ug/l	96
68) m/p-Xylenes	10.36	106	96829	8.451	ug/l	98
69) o-Xylene	10.70	106	36933	3.305	ug/l	98
78) n-propylbenzene	11.36	91	32367	1.047	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	63594	2.703	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	218285	9.227	ug/l	100
95) Naphthalene	13.83	128	68807	2.392	ug/l	98

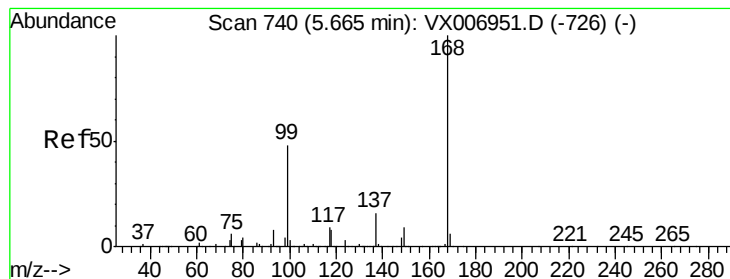
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012619\
Data File : VX007248.D
Acq On : 25 Jan 2019 23:48
Operator : JC/SP
Sample : K1231-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RBR-200029

Quant Time: Jan 28 02:15:49 2019
Quant Method : Z:\V0ASRV\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: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

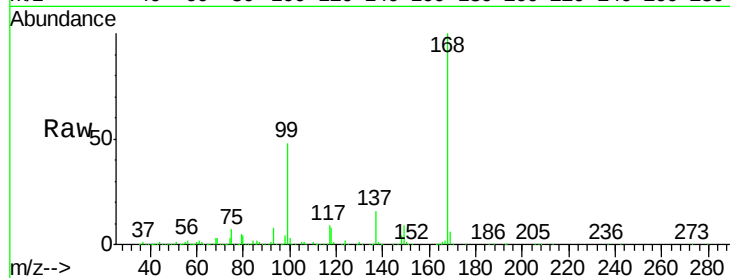
RBR-200029

Tot Ion:168 Resp: 537857

Ion Ratio Lower Upper

168 100

99 47.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

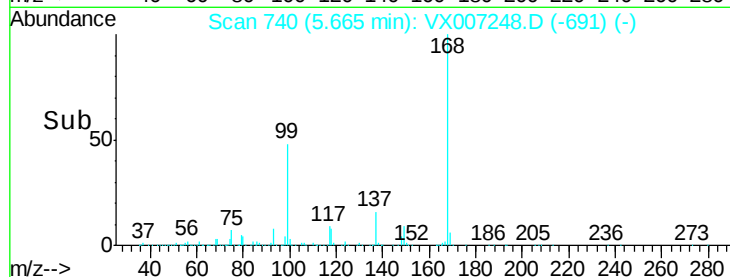
150000

100000

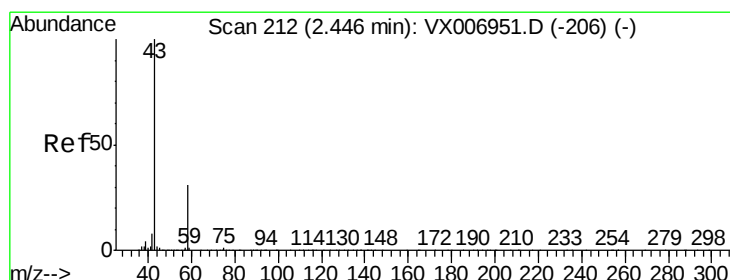
50000

0

5.50 5.60 5.70 5.80



Time-->



#16

Acetone

Concen: 24.271 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007248.D

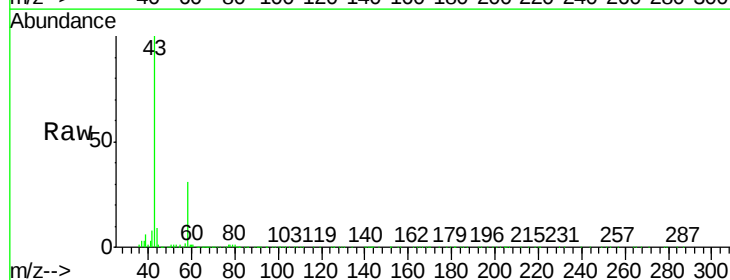
Acq: 25 Jan 2019 23:48

Tgt Ion: 43 Resp: 67446

Ion Ratio Lower Upper

43 100

58 30.5 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

40000

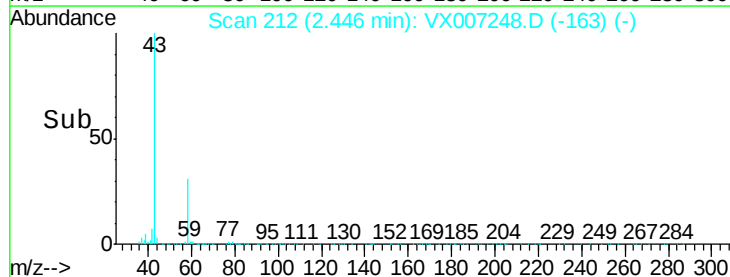
30000

20000

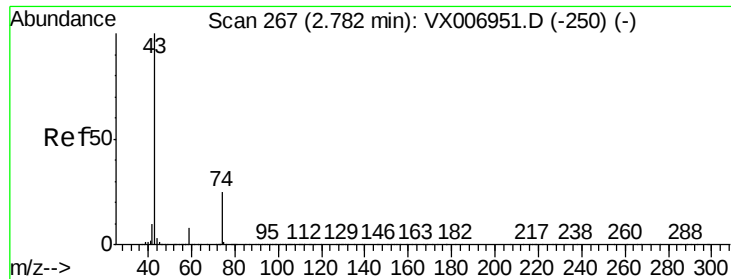
10000

0

2.35 2.40 2.45 2.50 2.55



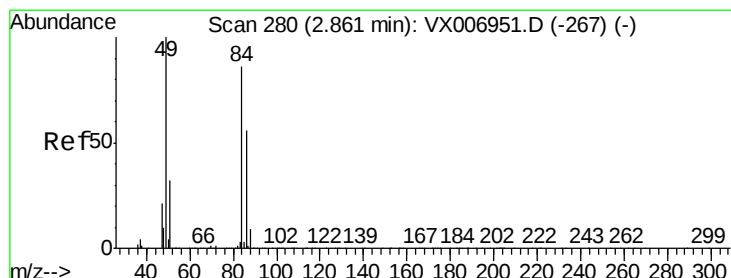
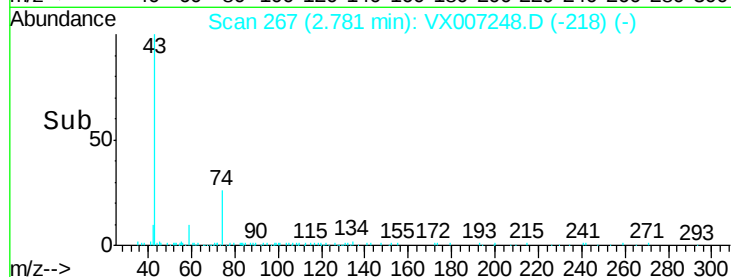
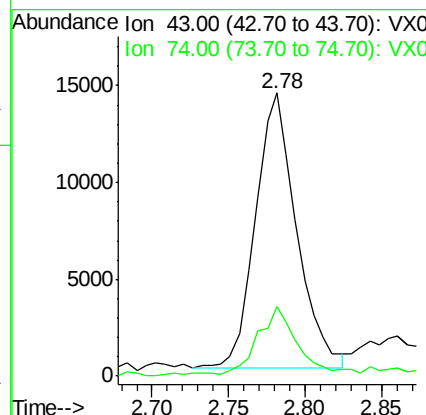
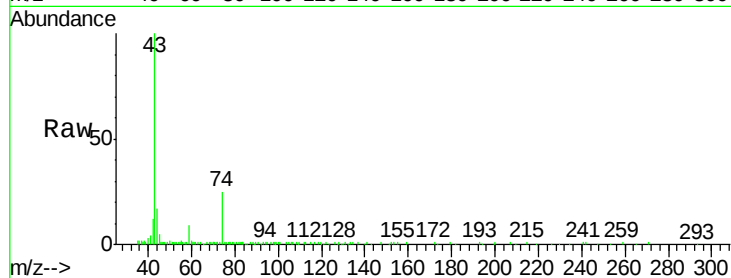
Time-->



#18
Methyl Acetate
Concen: 3.286 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

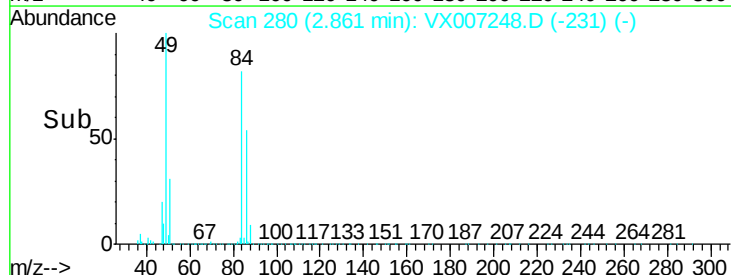
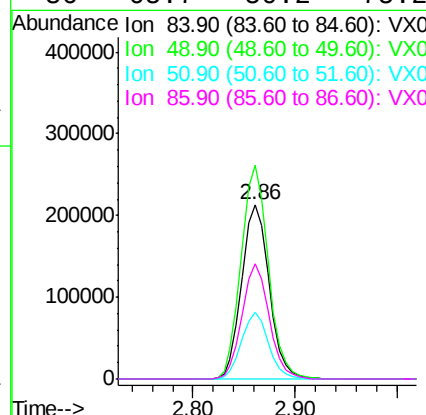
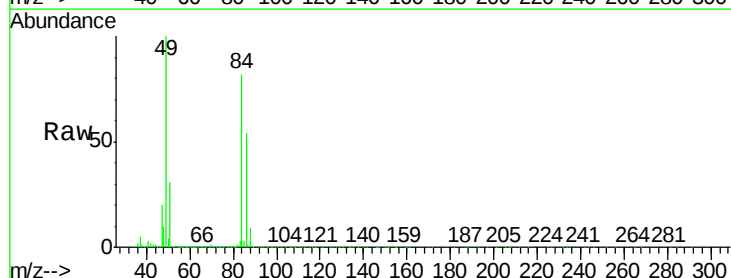
Instrument :
MSVOA_X
ClientSampled :
RBR-200029

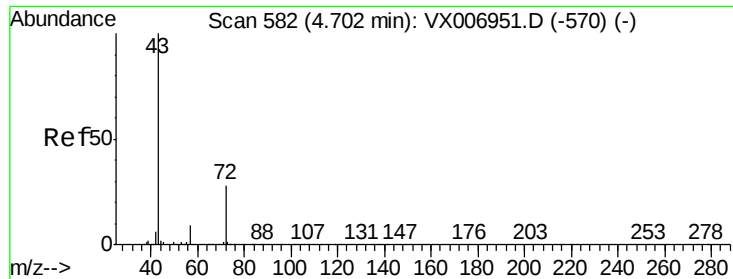
Tot Ion: 43 Resp: 26444
Ion Ratio Lower Upper
43 100
74 24.4 18.6 28.0



#20
Methylene Chloride
Concen: 75.689 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion: 84 Resp: 398515
Ion Ratio Lower Upper
84 100
49 122.5 91.8 137.6
51 38.0 28.5 42.7
86 65.7 50.2 75.2

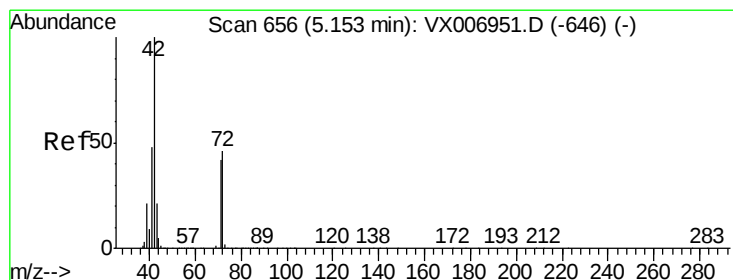
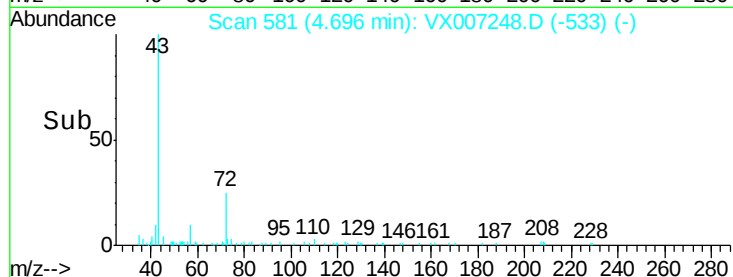
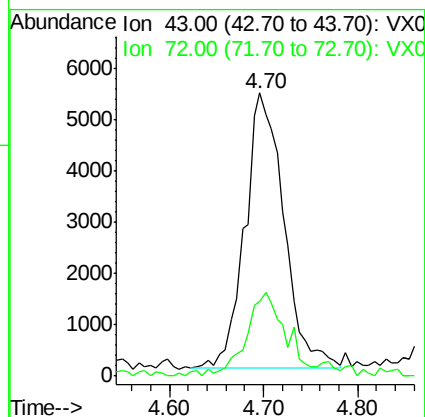
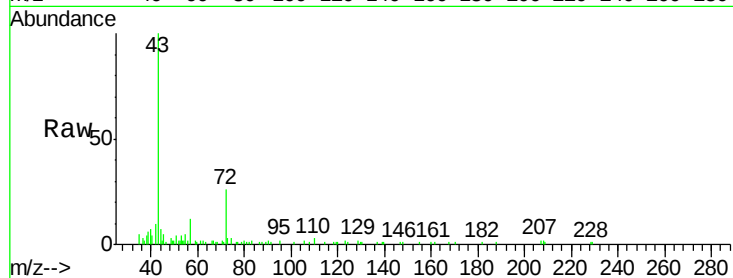




#25
2-Butanone
Concen: 3.884 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

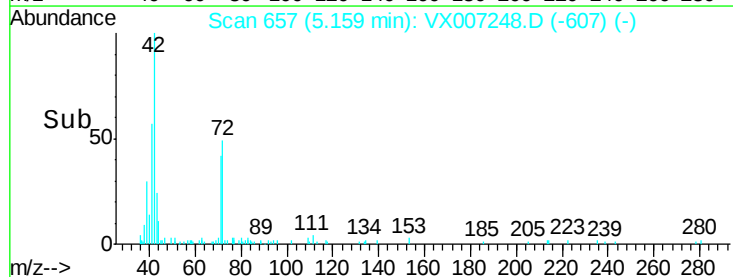
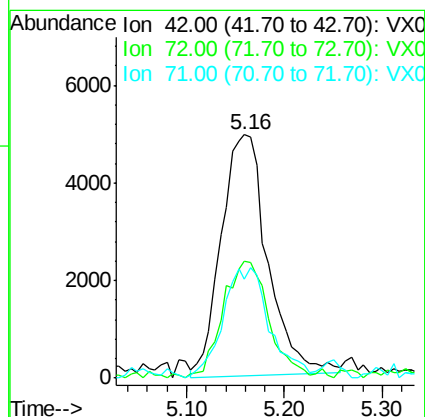
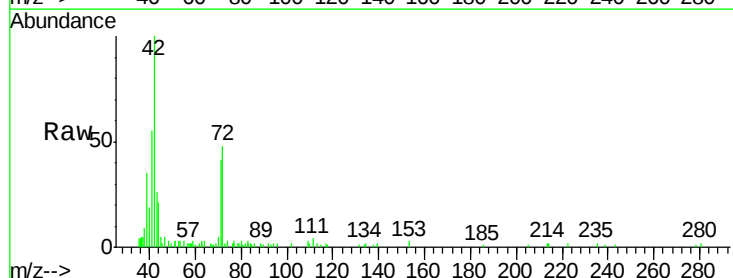
Instrument :
MSVOA_X
ClientSampled :
RBR-200029

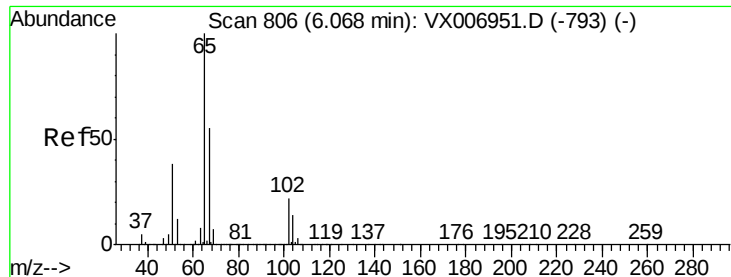
Tot Ion: 43 Resp: 15445
Ion Ratio Lower Upper
43 100
72 25.7 22.4 33.6



#29
Tetrahydrofuran
Concen: 6.302 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion: 42 Resp: 16284
Ion Ratio Lower Upper
42 100
72 47.8 38.9 58.3
71 46.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.757 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

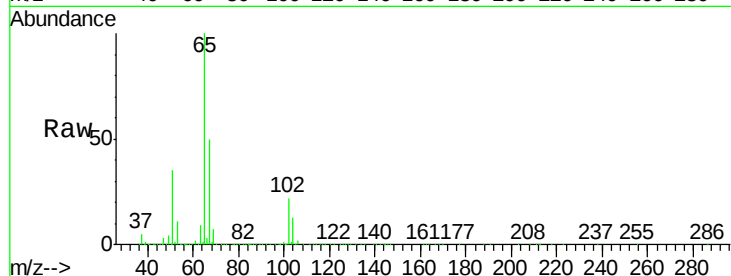
RBR-200029

Tot Ion: 65 Resp: 290928

Ion Ratio Lower Upper

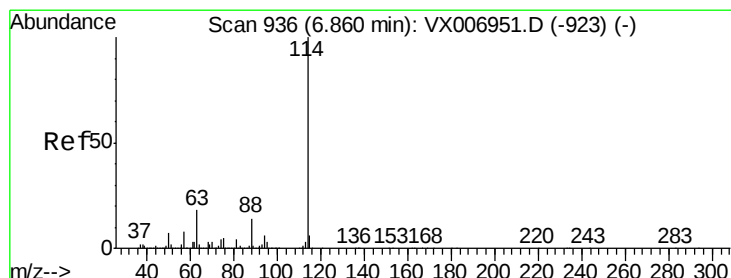
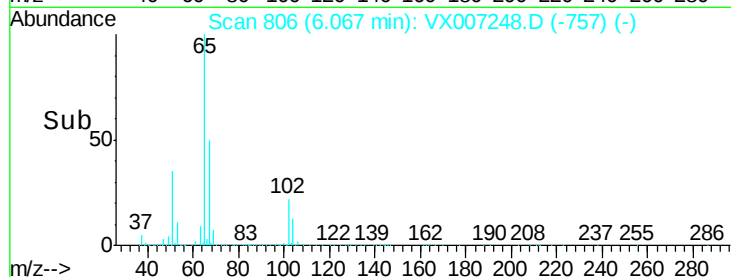
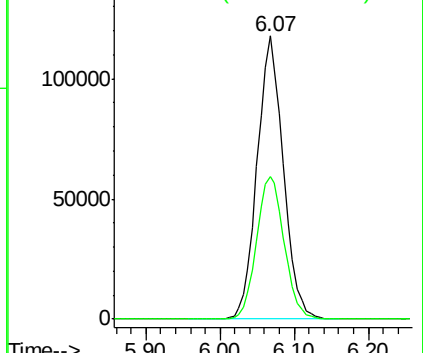
65 100

67 52.9 0.0 105.0



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: VX007248.D

Acq: 25 Jan 2019 23:48

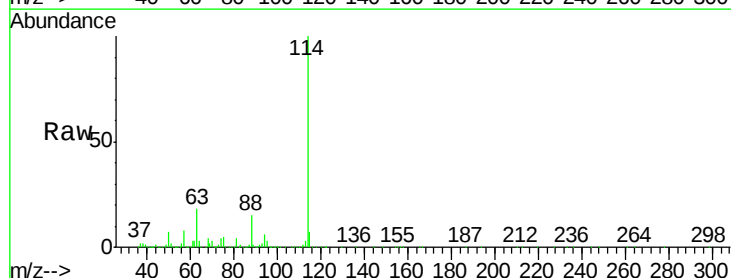
Tgt Ion: 114 Resp: 836135

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

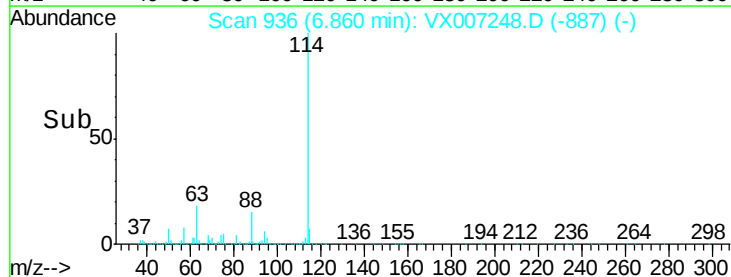
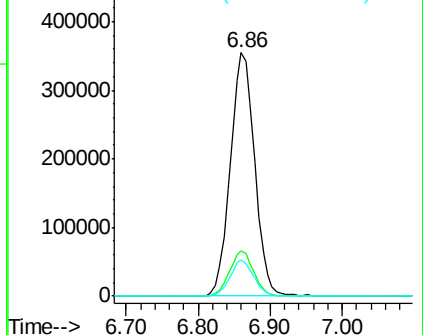
88 14.8 0.0 28.8

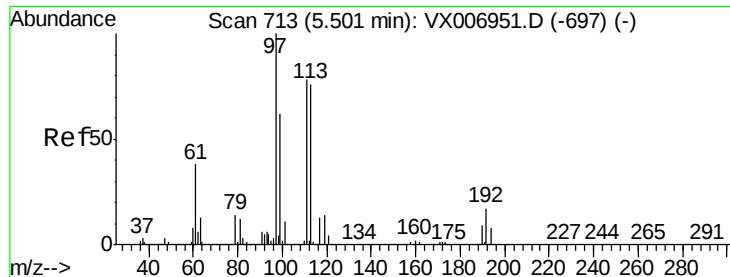


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.047 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

RBR-200029

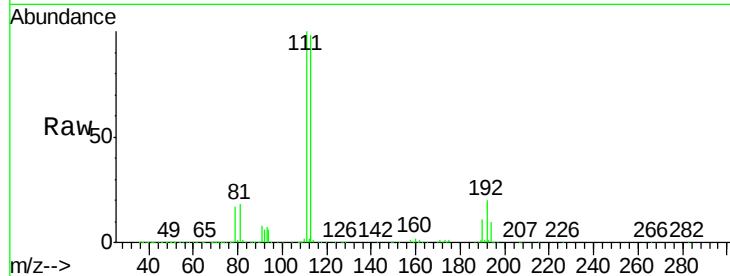
Tot Ion:113 Resp: 262627

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

192 21.7 16.7 25.1

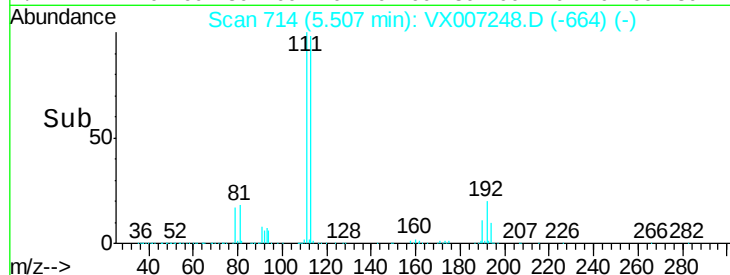


Abundance Ion 112.80 (112.50 to 113.50): V

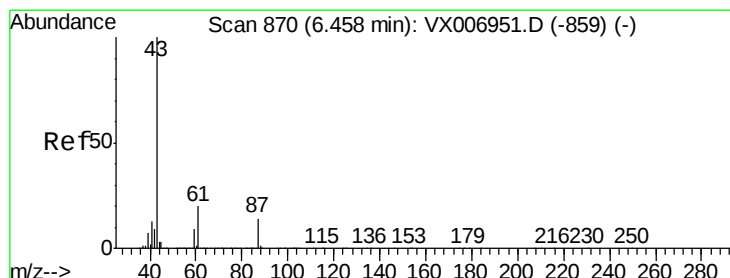
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->



Time-->



#43

Isopropyl Acetate

Concen: 2.230 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

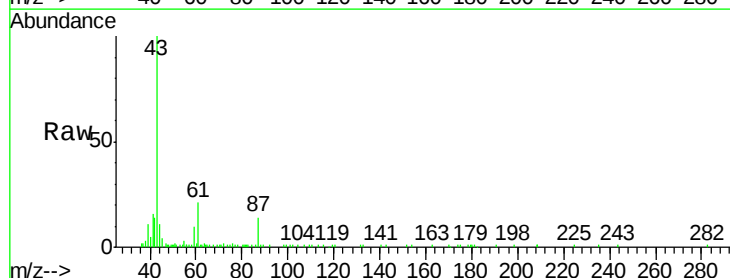
Tgt Ion: 43 Resp: 27414

Ion Ratio Lower Upper

43 100

61 21.2 16.8 25.2

87 15.1 12.4 18.6

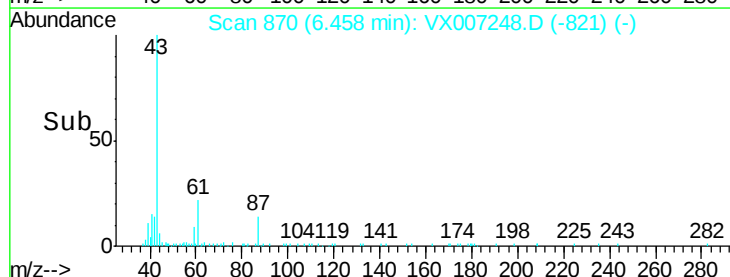


Abundance Ion 43.00 (42.70 to 43.70): VX0

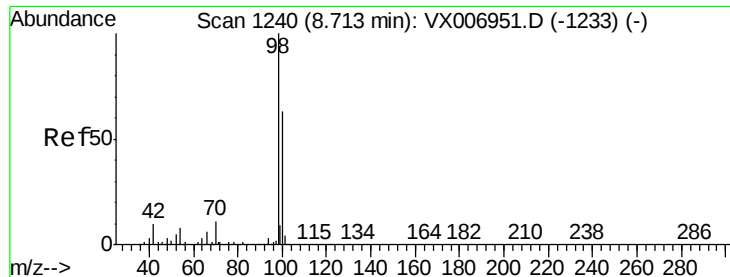
Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 52.051 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

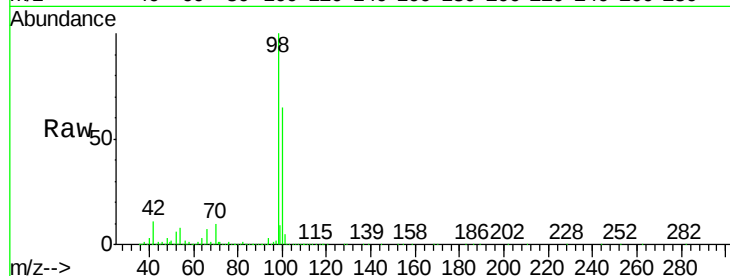
RBR-200029

Tot Ion: 98 Resp: 1020171

Ion Ratio Lower Upper

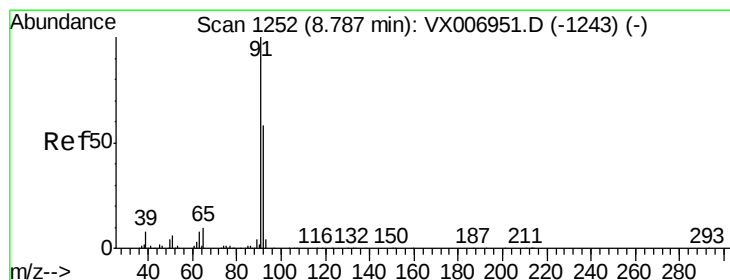
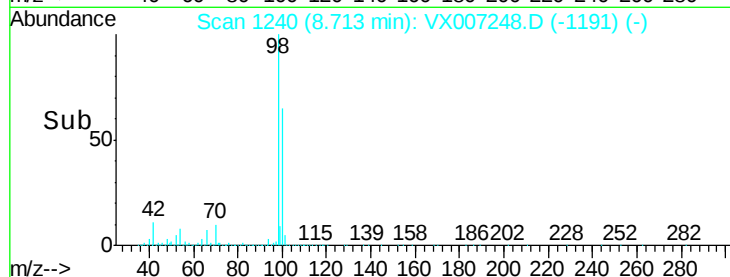
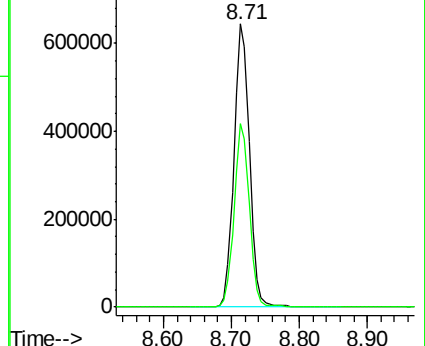
98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 3.356 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007248.D

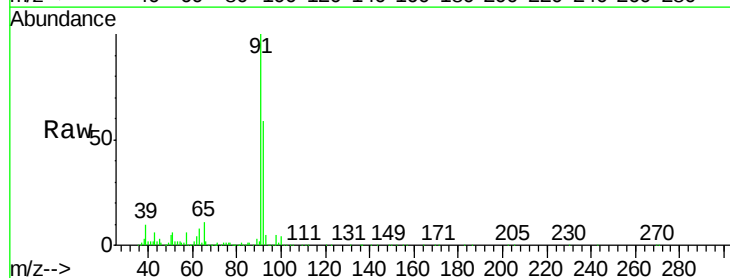
Acq: 25 Jan 2019 23:48

Tgt Ion: 92 Resp: 47844

Ion Ratio Lower Upper

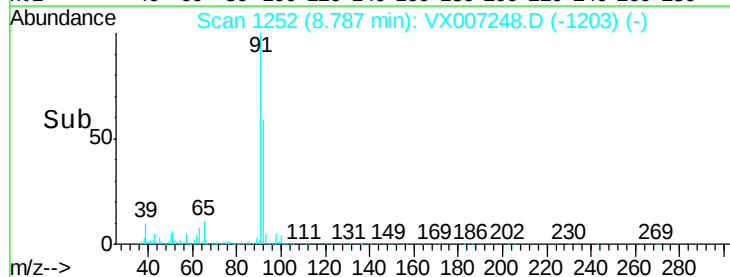
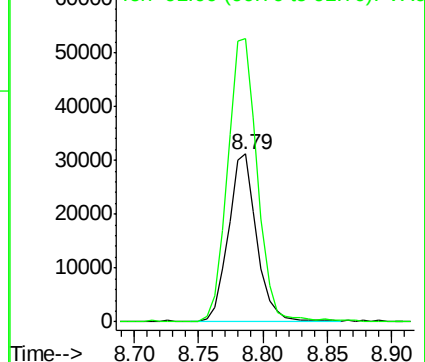
92 100

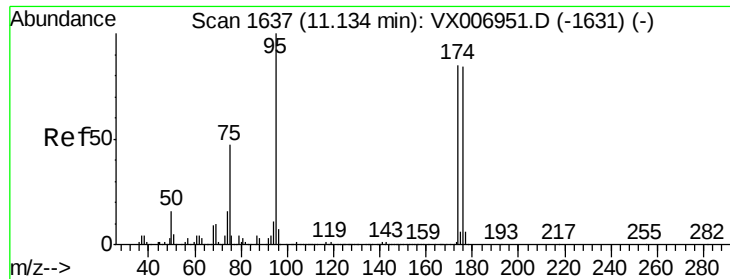
91 176.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.855 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

RBR-200029

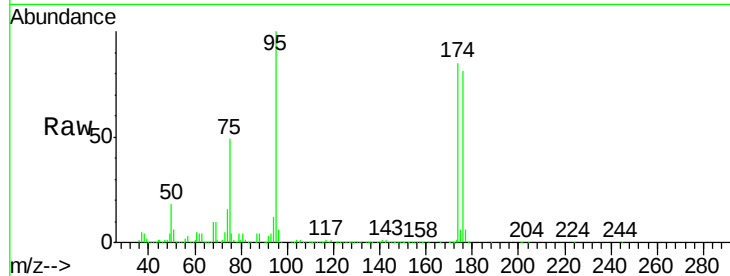
Tot Ion: 95 Resp: 367982

Ion Ratio Lower Upper

95 100

174 93.0 0.0 182.2

176 90.3 0.0 178.8

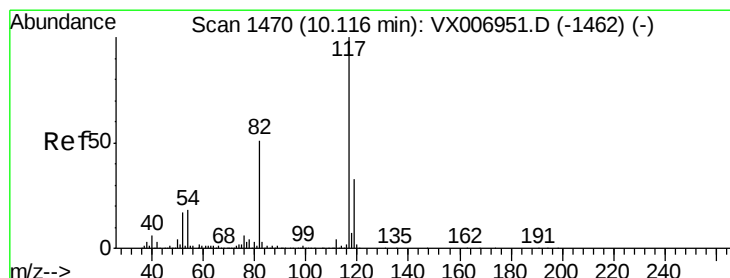
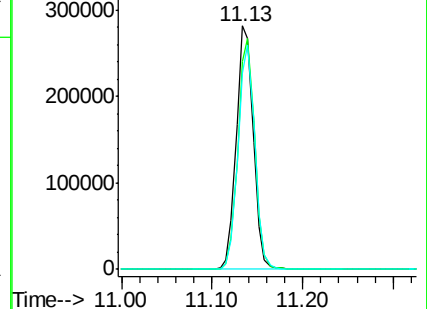
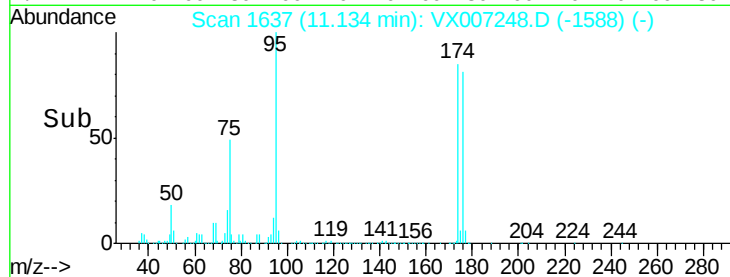


Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

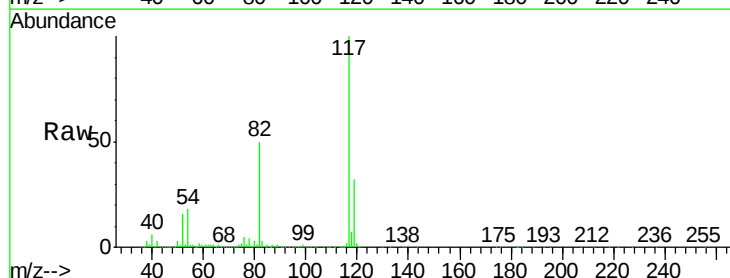
Tgt Ion: 117 Resp: 807714

Ion Ratio Lower Upper

117 100

82 49.7 41.0 61.6

119 31.8 25.4 38.0

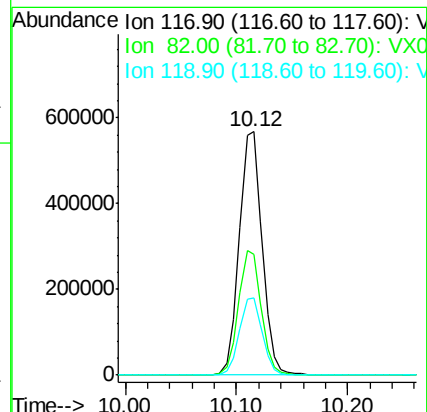
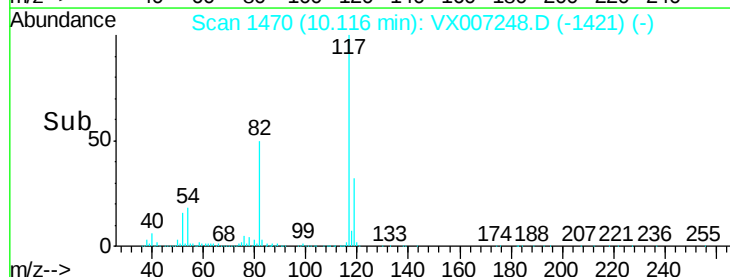


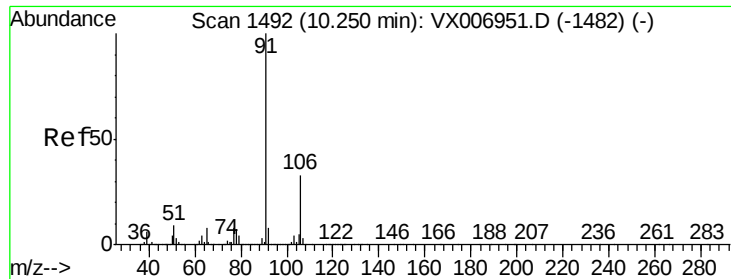
Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)

Time--> 10.00 10.10 10.20

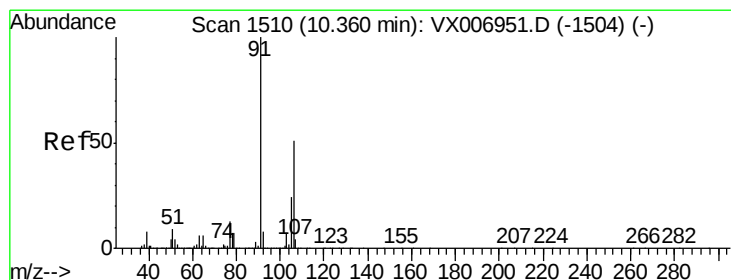
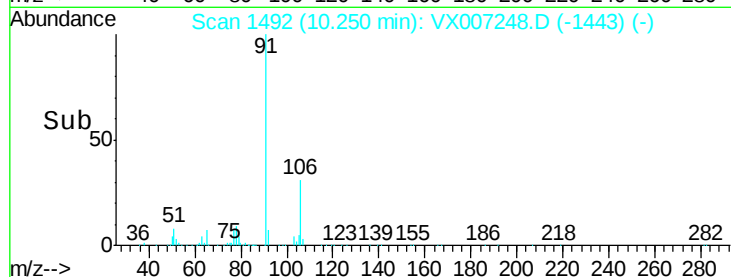
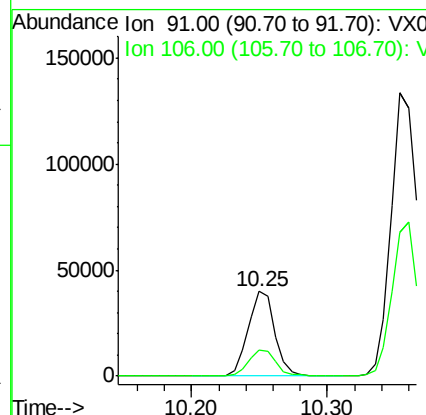
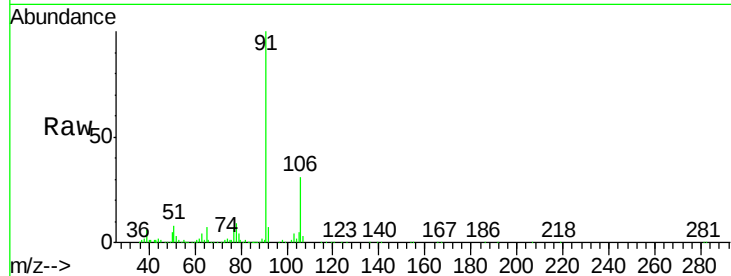




#67
Ethyl Benzene
Concen: 1.898 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

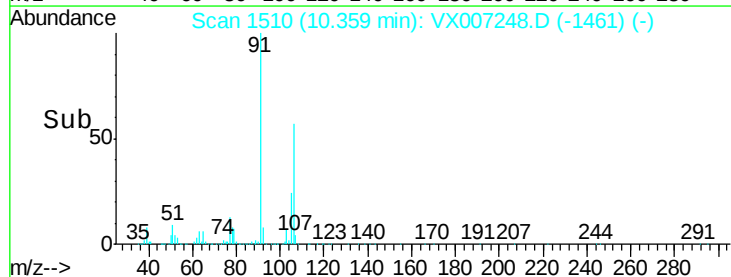
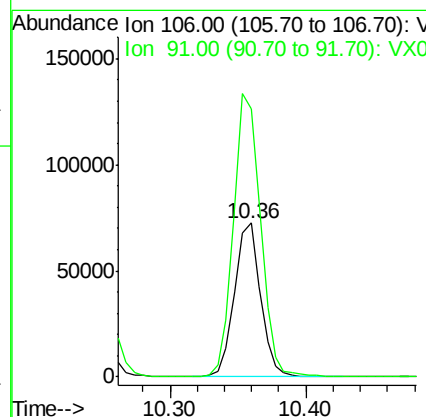
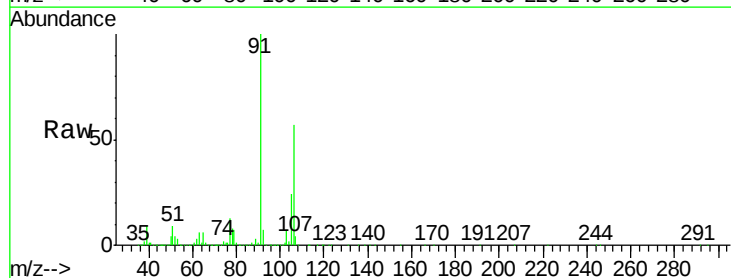
Instrument :
MSVOA_X
ClientSampleId :
RBR-200029

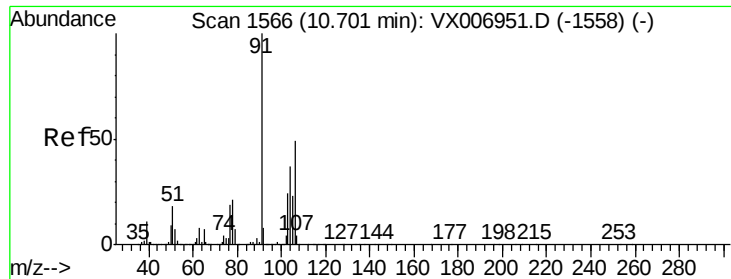
Tot Ion: 91 Resp: 55209
Ion Ratio Lower Upper
91 100
106 30.8 26.4 39.6



#68
m/p-Xylenes
Concen: 8.451 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion: 106 Resp: 96829
Ion Ratio Lower Upper
106 100
91 191.3 155.8 233.6

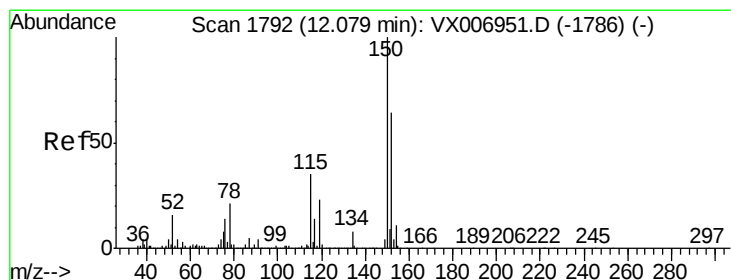
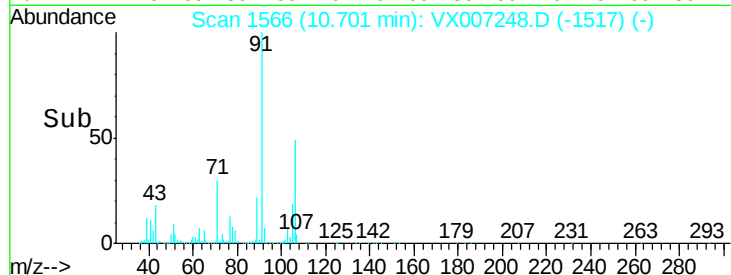
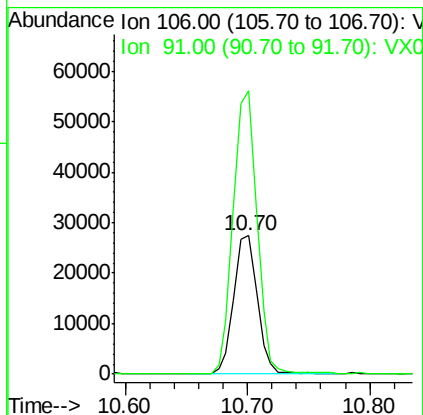
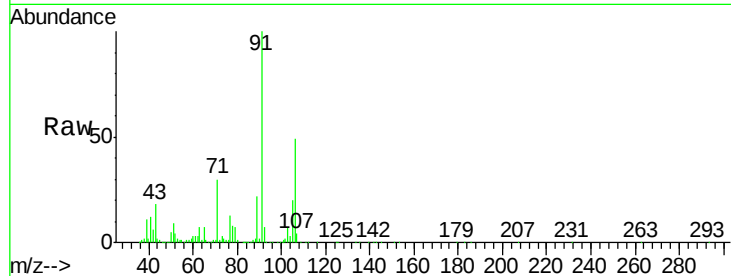




#69
o-Xylene
Concen: 3.305 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

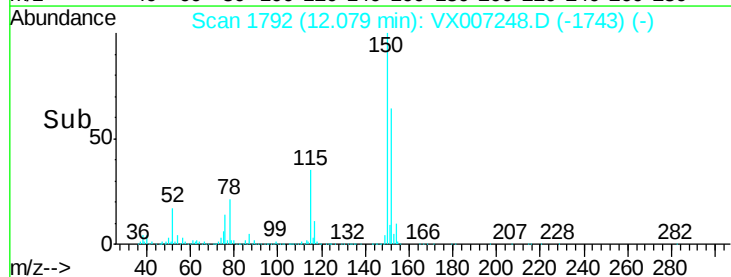
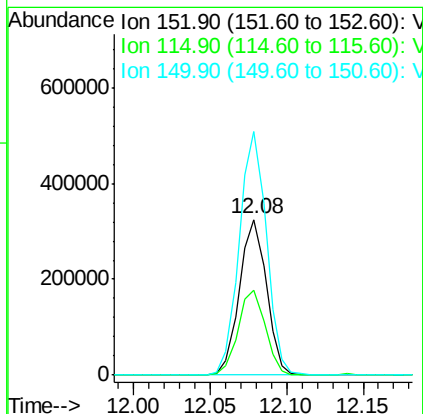
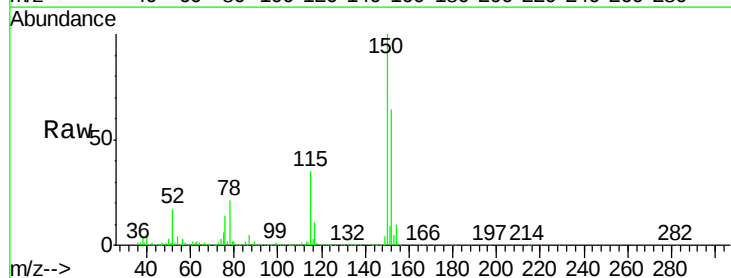
Instrument :
MSVOA_X
ClientSampled :
RBR-200029

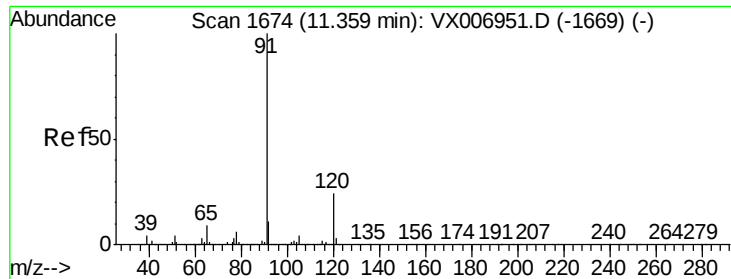
Tot Ion:106 Resp: 36933
Ion Ratio Lower Upper
106 100
91 205.2 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007248.D
Acq: 25 Jan 2019 23:48

Tgt Ion:152 Resp: 399305
Ion Ratio Lower Upper
152 100
115 54.8 39.1 117.2
150 157.3 0.0 344.8





#78

n-propylbenzene

Concen: 1.047 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampleId :

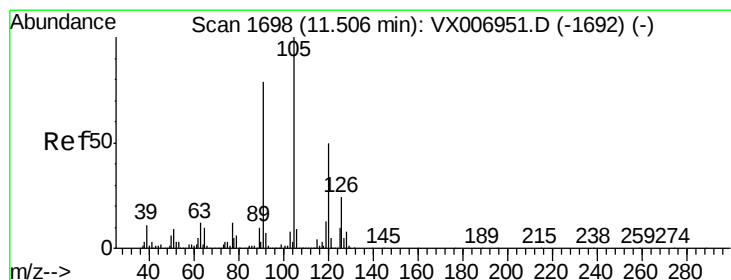
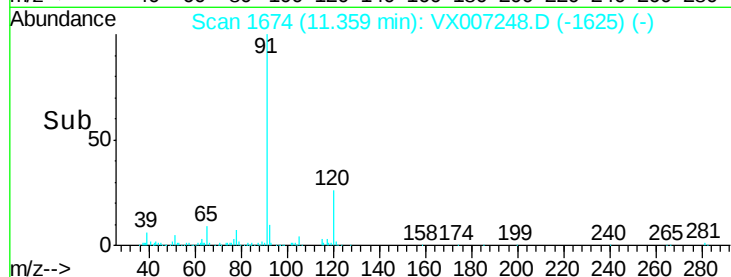
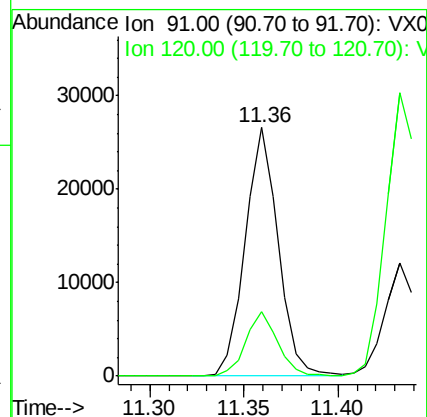
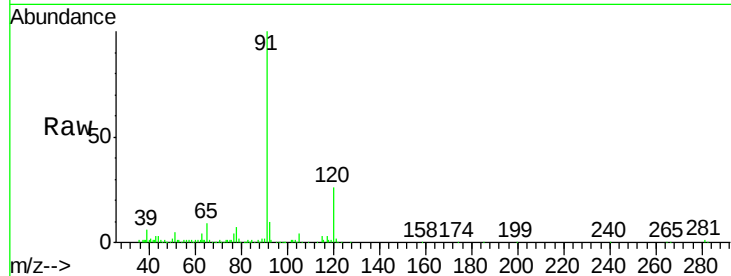
RBR-200029

Tot Ion: 91 Resp: 32367

Ion Ratio Lower Upper

91 100

120 25.1 12.7 38.0



#80

1,3,5-Trimethylbenzene

Concen: 2.703 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007248.D

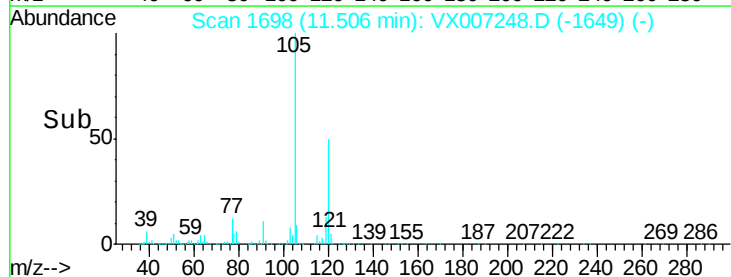
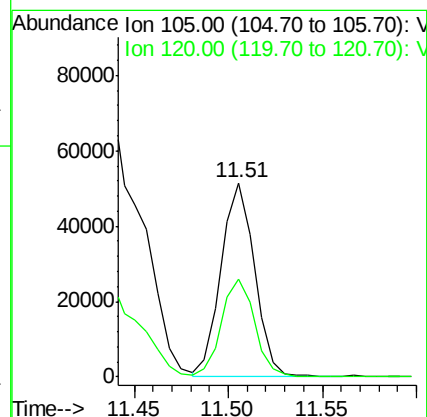
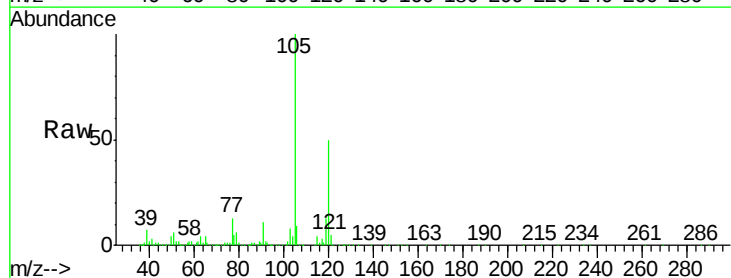
Acq: 25 Jan 2019 23:48

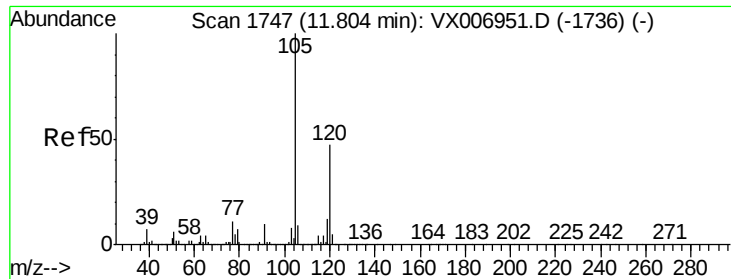
Tgt Ion: 105 Resp: 63594

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3





#84

1,2,4-Trimethylbenzene

Concen: 9.227 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Instrument :

MSVOA_X

ClientSampled :

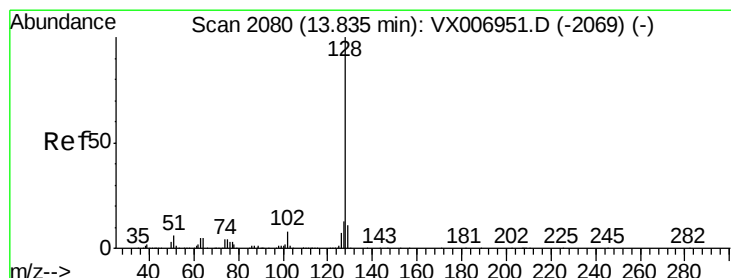
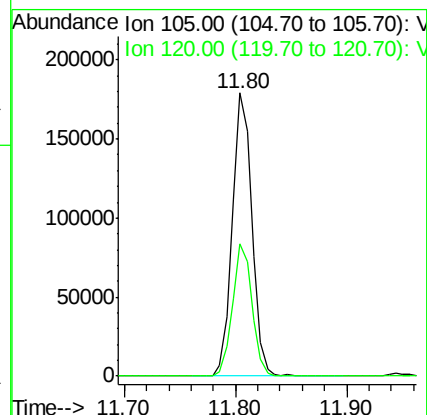
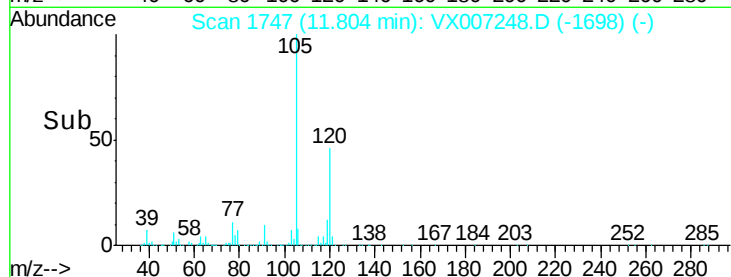
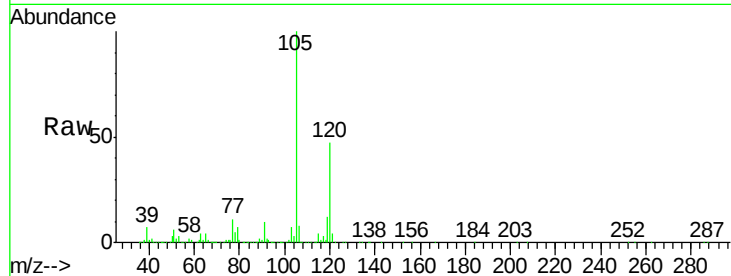
RBR-200029

Tot Ion:105 Resp: 218285

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6



#95

Naphthalene

Concen: 2.392 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007248.D

Acq: 25 Jan 2019 23:48

Tgt Ion:128 Resp: 68807

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 12.2 8.6 13.0

