

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006840.D
 Acq On : 27 Dec 2018 14:16
 Operator : JC/MD
 Sample : J6195-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-122618-B

Quant Time: Dec 28 05:44:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	718434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1054666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	985714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	496584	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	354309	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	309148	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
50) Toluene-d8	8.71	98	1257077	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	454011	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

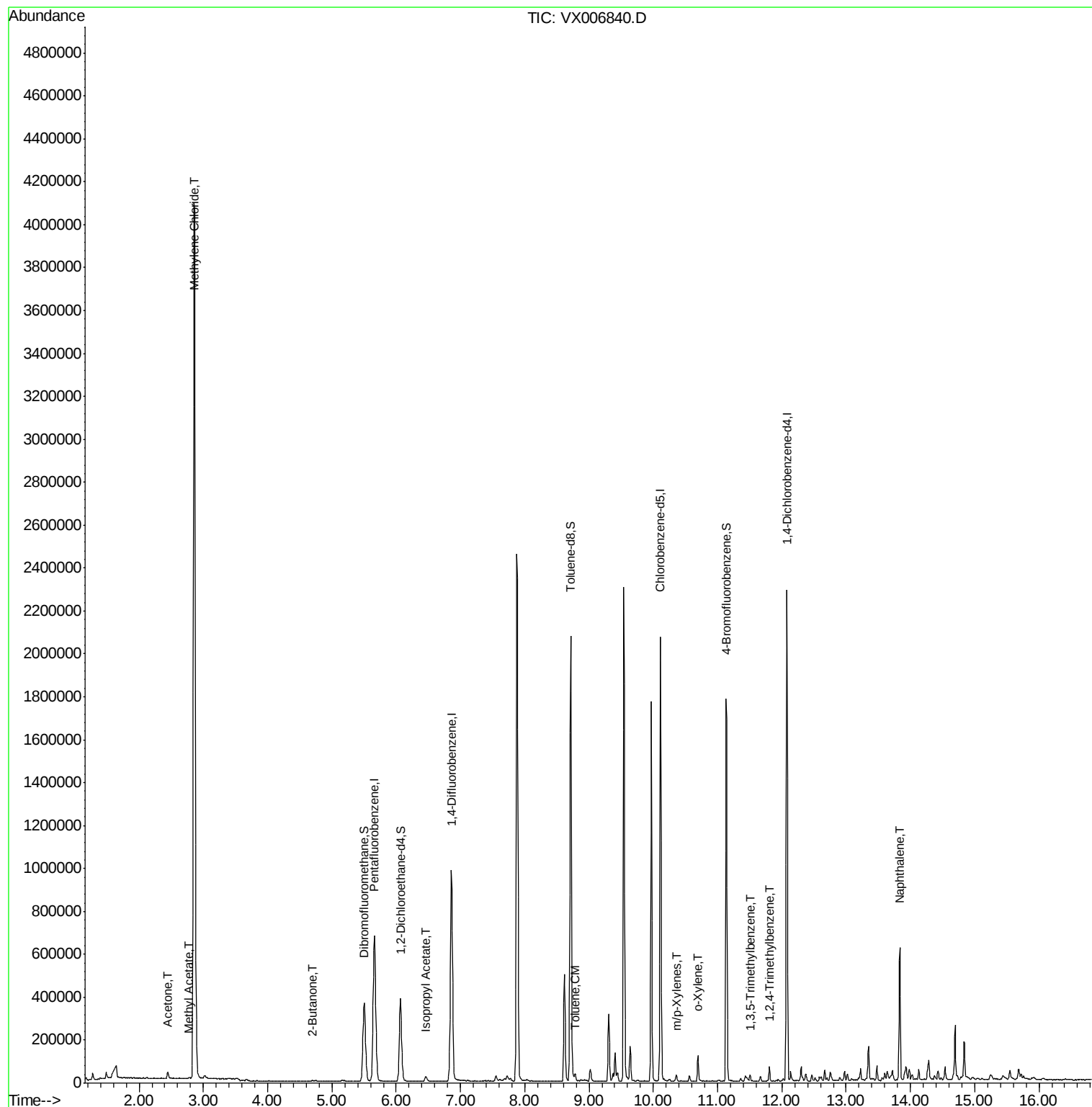
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	34792	9.780	ug/l	97
18) Methyl Acetate	2.78	43	6625	0.633	ug/l	91
20) Methylene Chloride	2.86	84	1957205	266.069	ug/l	96
25) 2-Butanone	4.70	43	5988	1.197	ug/l #	81
43) Isopropyl Acetate	6.46	43	30493	2.204	ug/l	98
52) Toluene	8.78	92	9448	0.551	ug/l	99
68) m/p-Xylenes	10.36	106	7385	0.549	ug/l	95
69) o-Xylene	10.70	106	3737	0.281	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	11887	0.425	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	31021	1.054	ug/l	98
95) Naphthalene	13.83	128	396485	10.876	ug/l	99

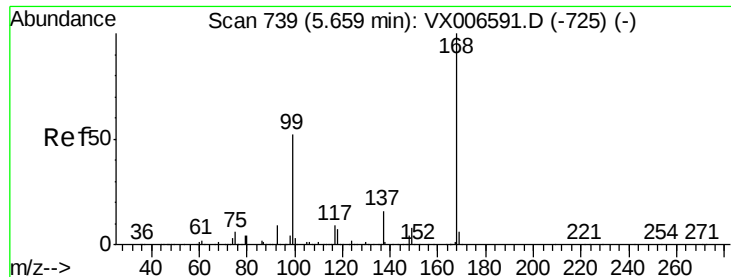
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

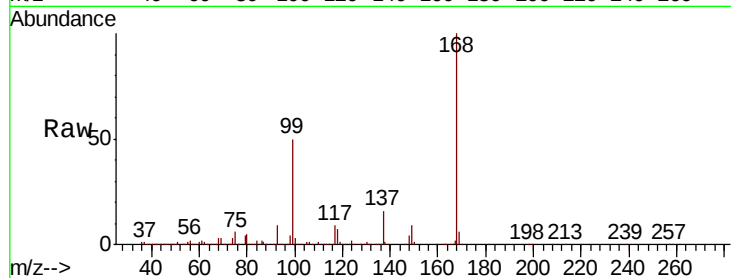
OR-01-122618-B

Tot Ion:168 Resp: 718434

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

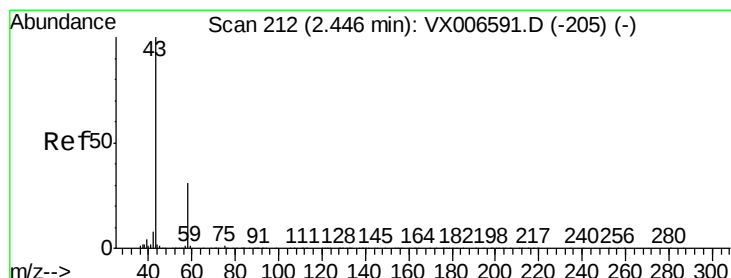
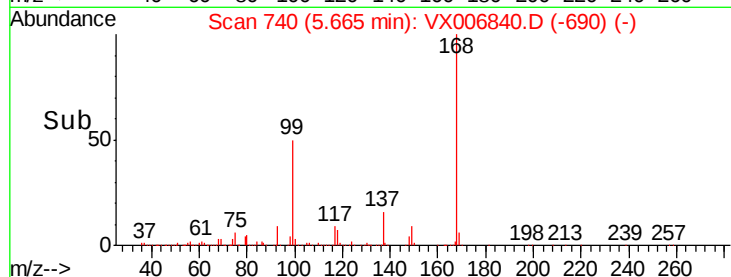
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.780 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006840.D

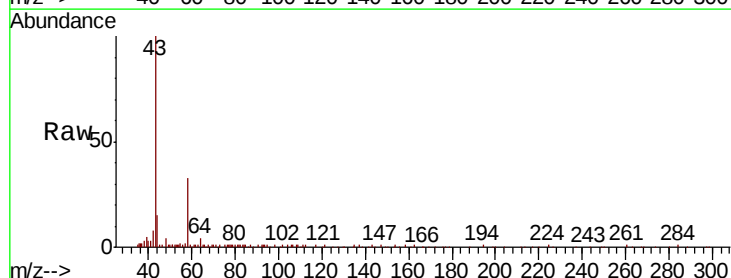
Acq: 27 Dec 2018 14:16

Tgt Ion: 43 Resp: 34792

Ion Ratio Lower Upper

43 100

58 32.8 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

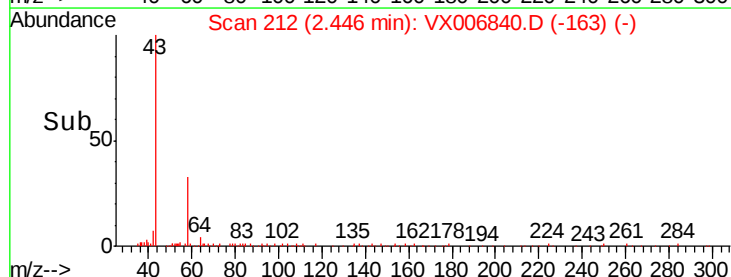
10000

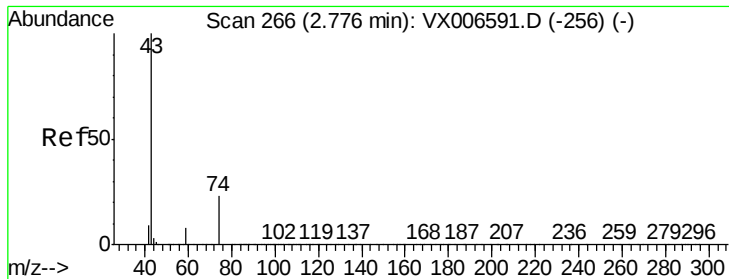
5000

0

Time-->

2.35 2.40 2.45 2.50

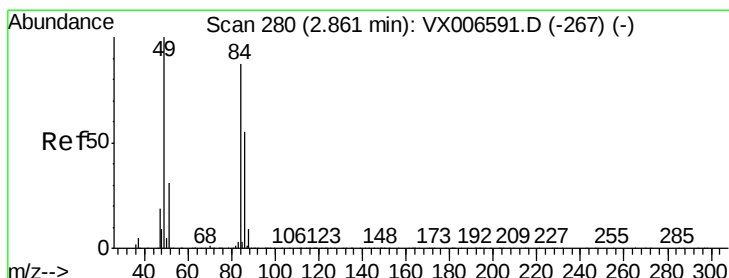
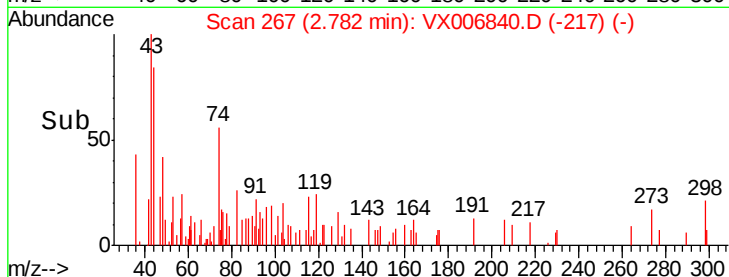
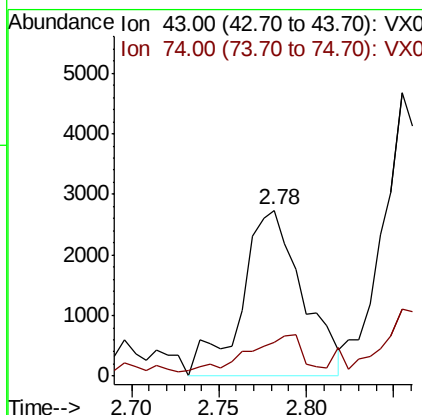
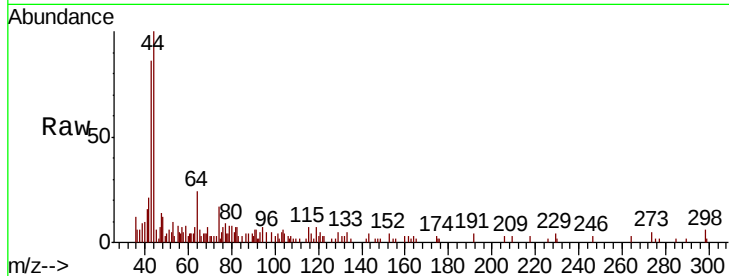




#18
Methyl Acetate
Concen: 0.633 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

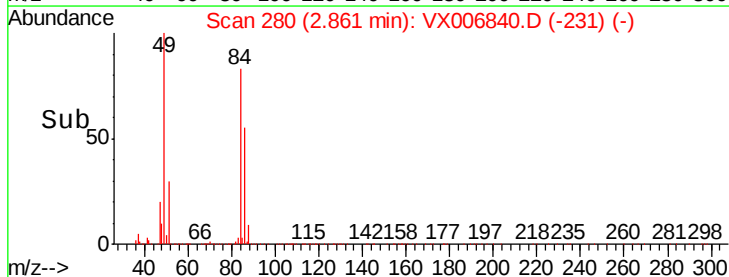
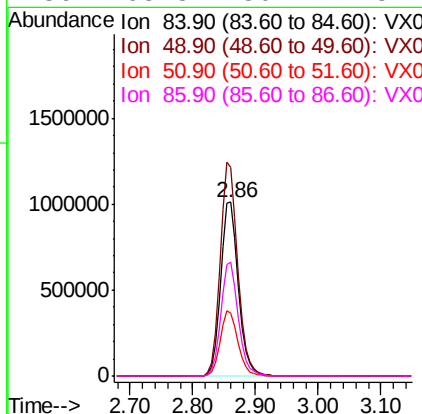
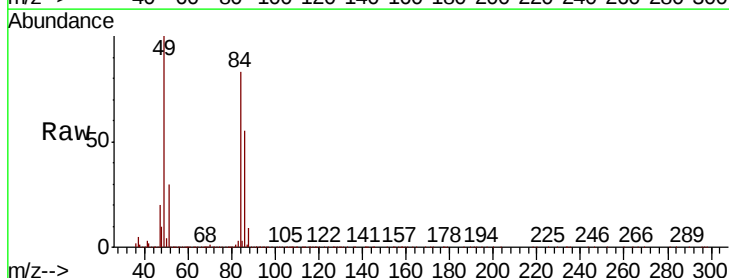
Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-B

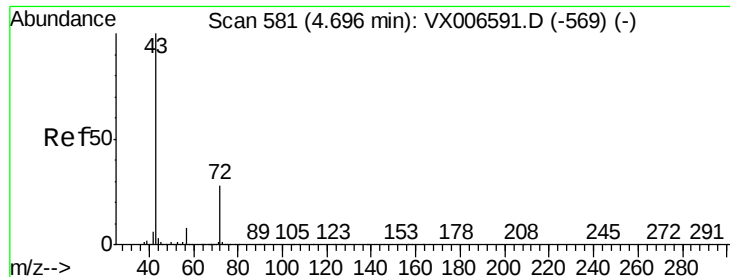
Tot Ion: 43 Resp: 6625
Ion Ratio Lower Upper
43 100
74 18.8 18.6 28.0



#20
Methylene Chloride
Concen: 266.069 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 84 Resp: 1957205
Ion Ratio Lower Upper
84 100
49 120.1 91.8 137.6
51 36.4 28.5 42.7
86 65.8 50.2 75.2

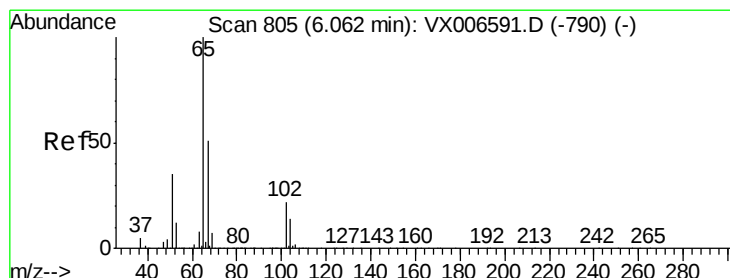
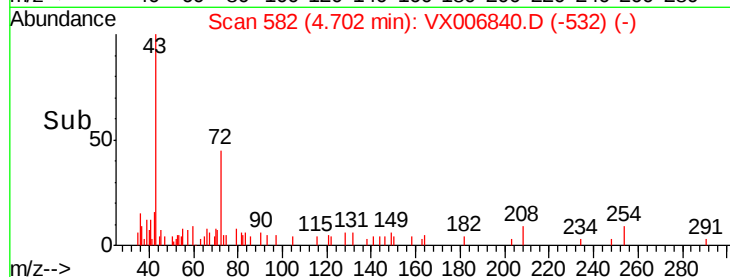
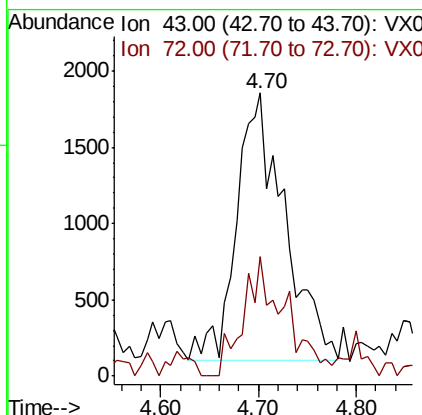
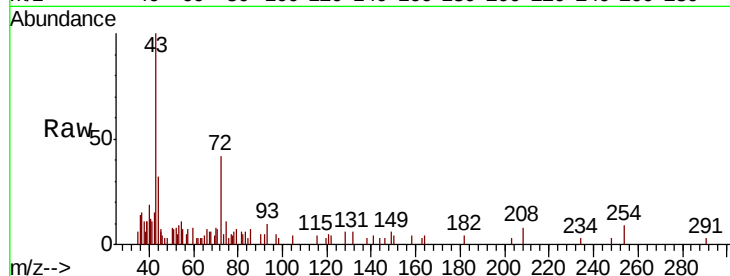




#25
2-Butanone
Concen: 1.197 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

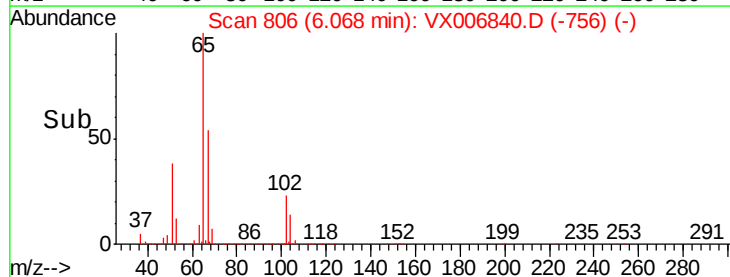
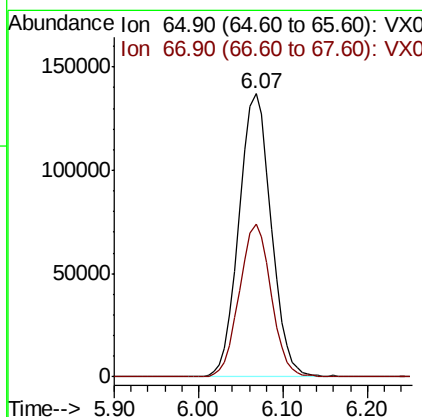
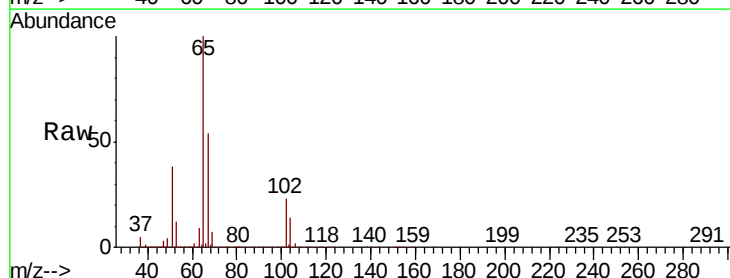
Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-B

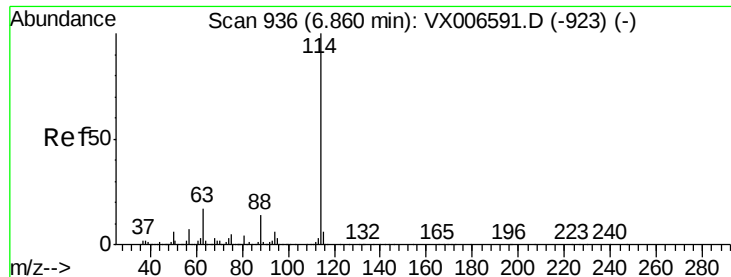
Tot Ion: 43 Resp: 5988
Ion Ratio Lower Upper
43 100
72 37.8 22.4 33.6#



#33
1,2-Dichloroethane-d4
Concen: 45.759 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion: 65 Resp: 354309
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

OR-01-122618-B

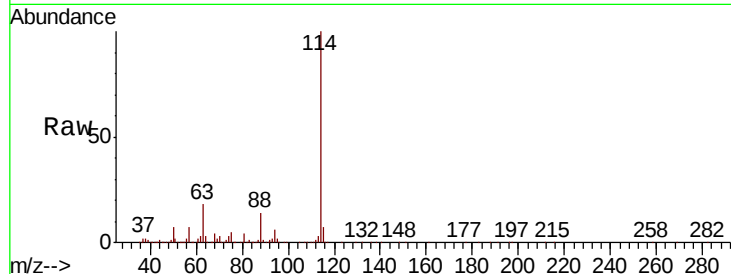
Tot Ion:114 Resp: 1054666

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

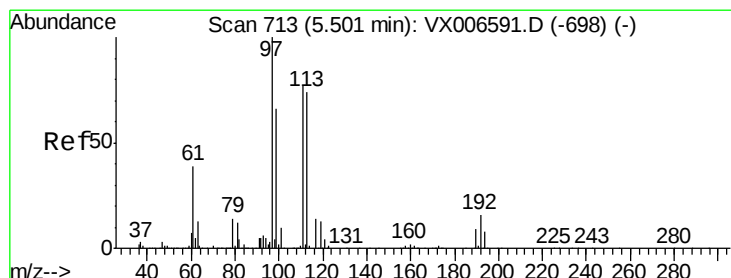
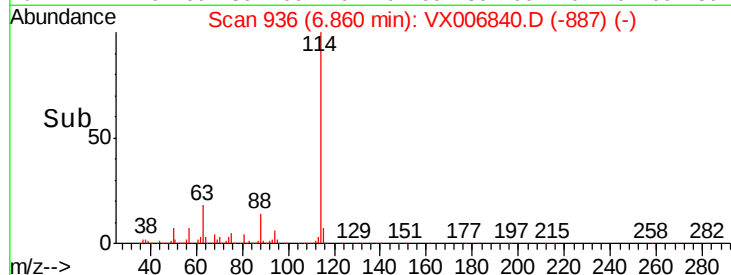
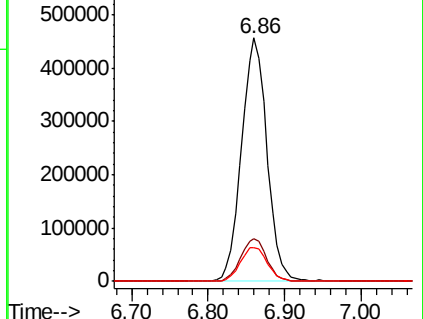
88 14.0 0.0 28.8



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: 46.352 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

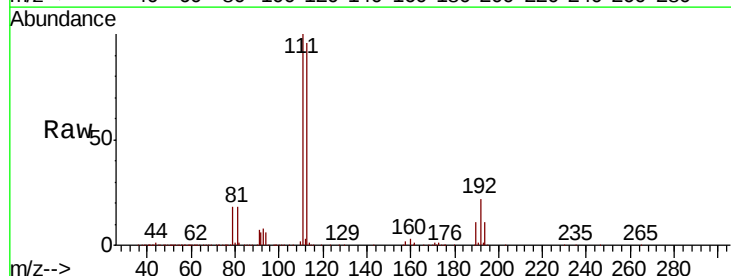
Tgt Ion:113 Resp: 309148

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

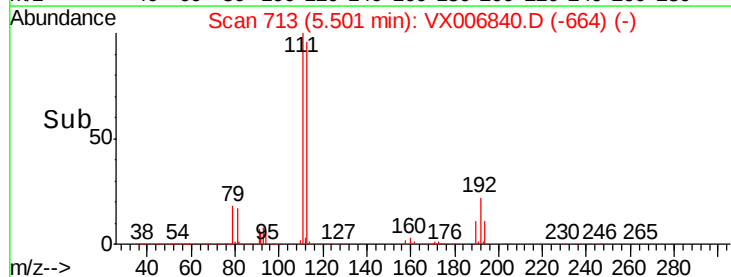
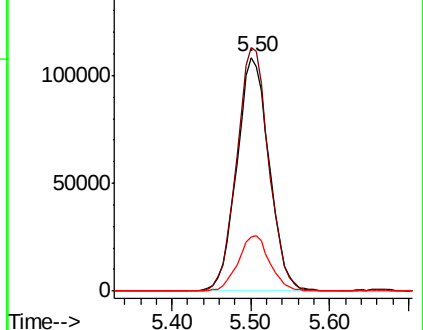
192 23.2 16.7 25.1

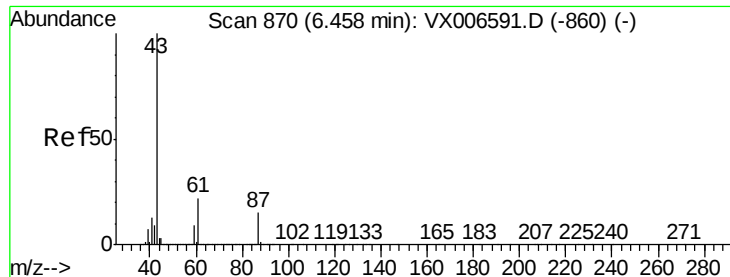


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.204 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

OR-01-122618-B

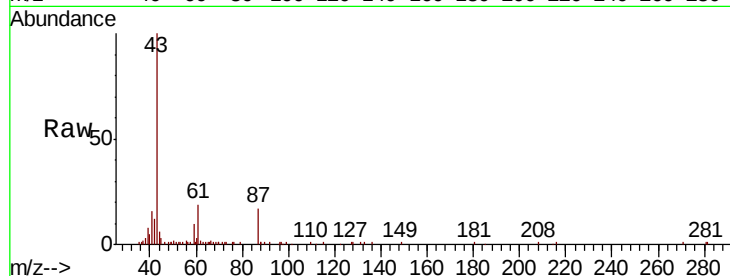
Tot Ion: 43 Resp: 30493

Ion Ratio Lower Upper

43 100

61 22.1 16.8 25.2

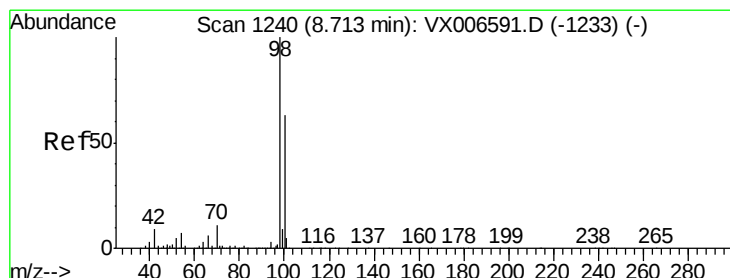
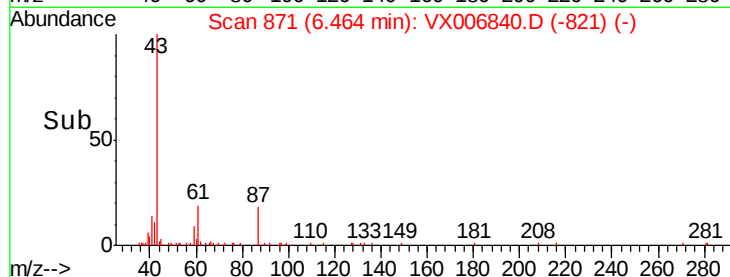
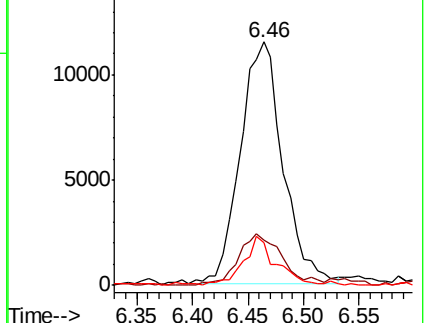
87 15.3 12.4 18.6



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: 49.995 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006840.D

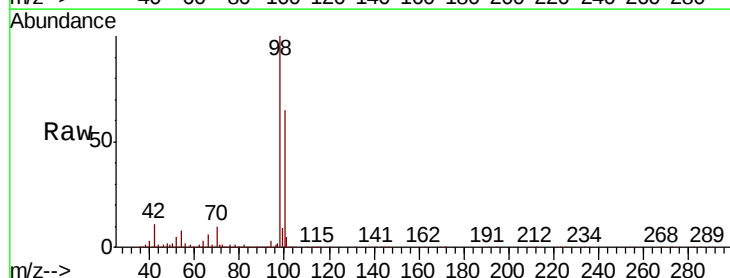
Acq: 27 Dec 2018 14:16

Tgt Ion: 98 Resp: 1257077

Ion Ratio Lower Upper

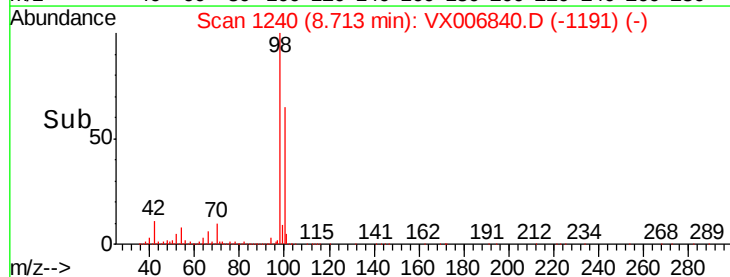
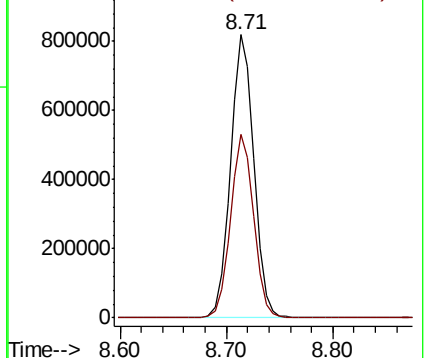
98 100

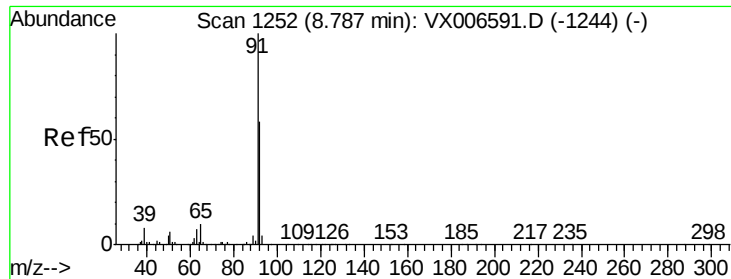
100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.551 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

Instrument :

MSVOA_X

ClientSampleId :

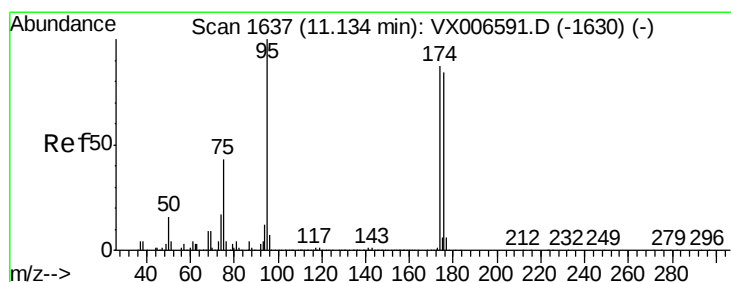
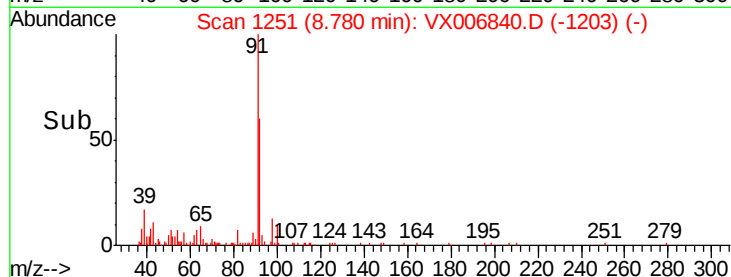
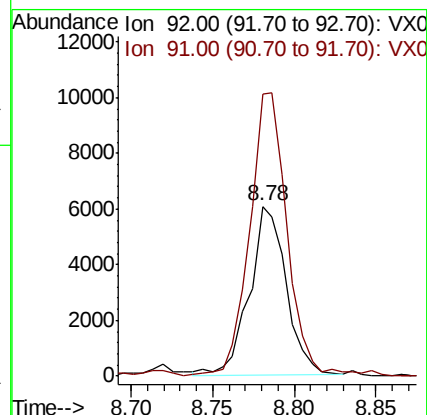
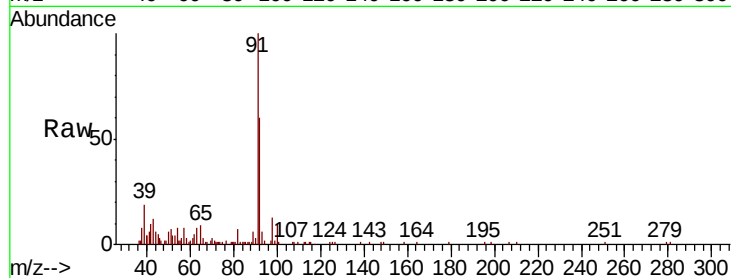
OR-01-122618-B

Tot Ion: 92 Resp: 9448

Ion Ratio Lower Upper

92 100

91 173.7 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 49.301 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006840.D

Acq: 27 Dec 2018 14:16

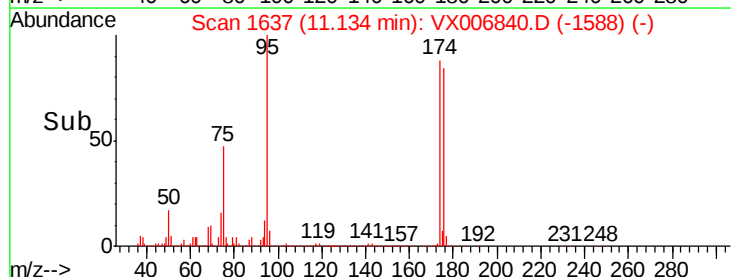
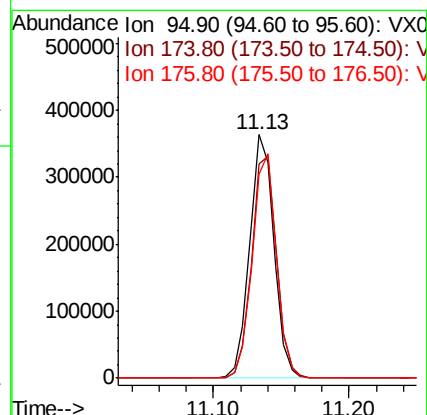
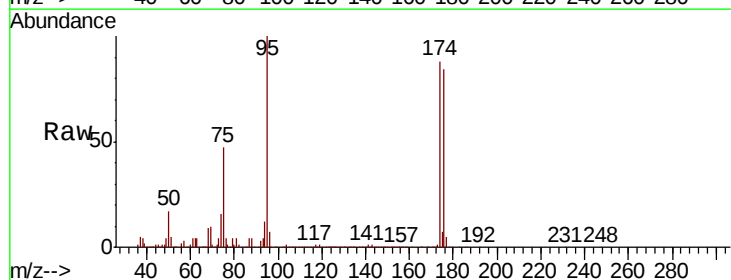
Tgt Ion: 95 Resp: 454011

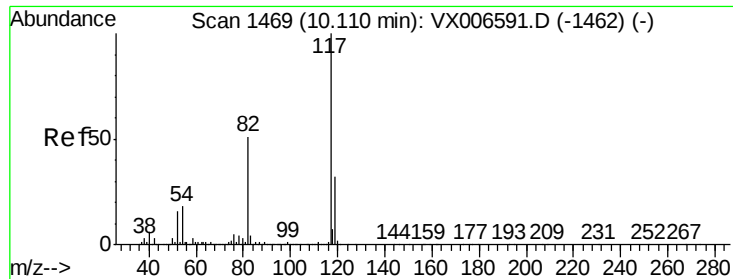
Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

176 92.3 0.0 178.8

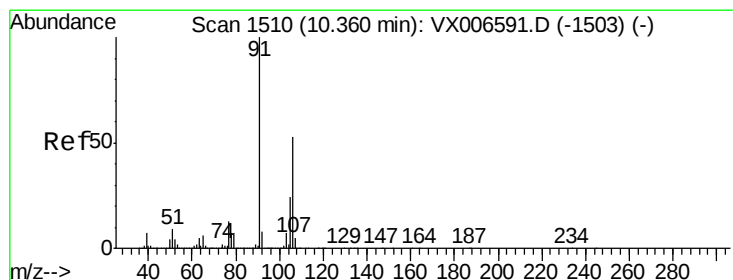
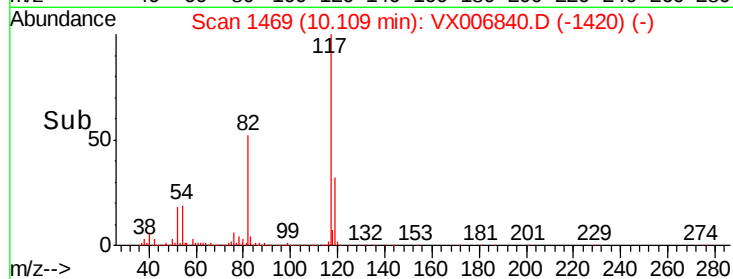
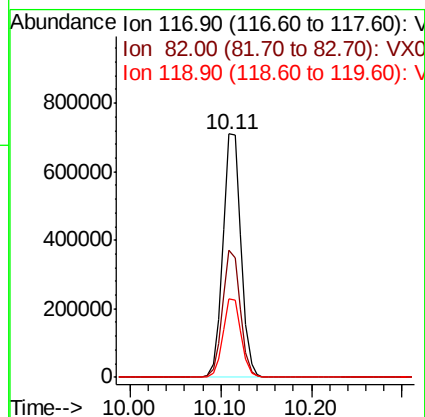
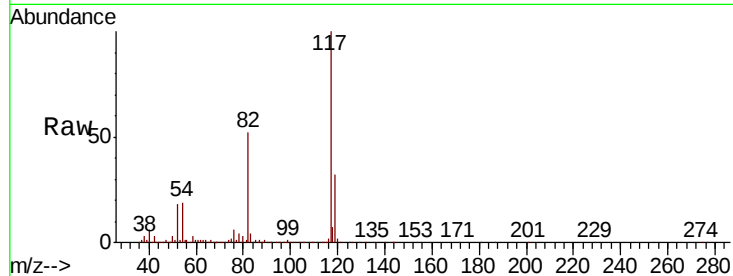




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

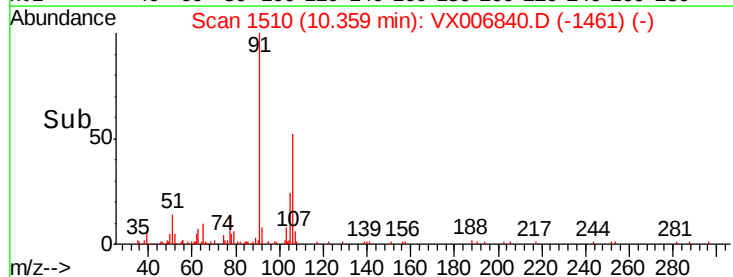
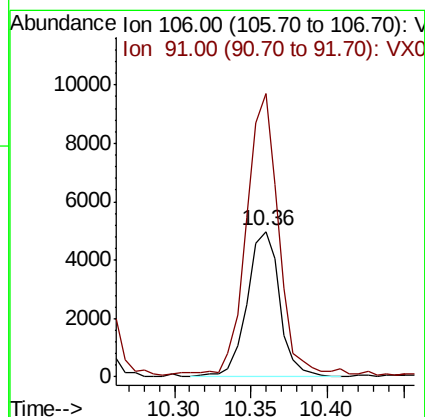
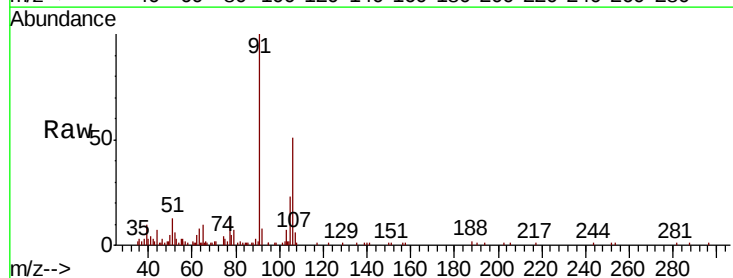
Instrument :
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OR-01-122618-B

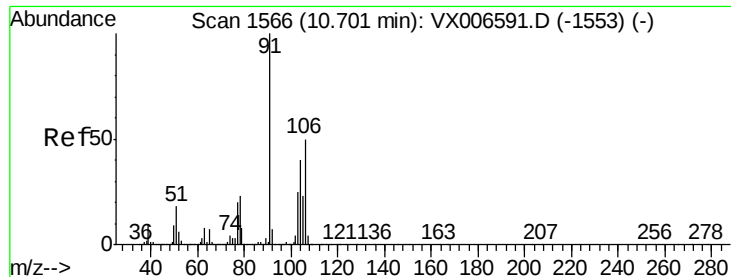
Tot Ion:117 Resp: 985714
Ion Ratio Lower Upper
117 100
82 52.2 41.0 61.6
119 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 0.549 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion:106 Resp: 7385
Ion Ratio Lower Upper
106 100
91 187.9 155.8 233.6

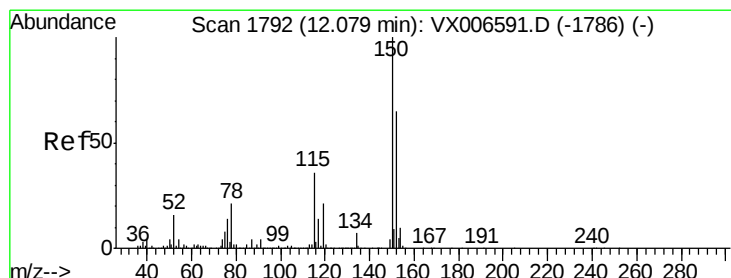
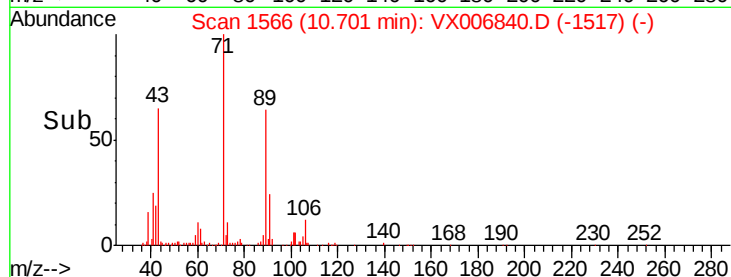
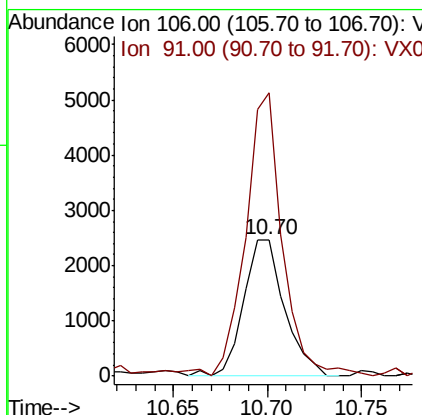
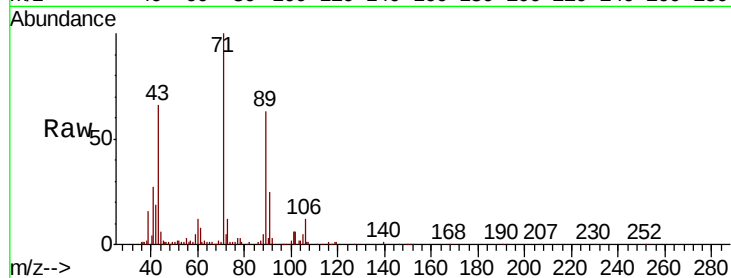




#69
o-Xylene
Concen: 0.281 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

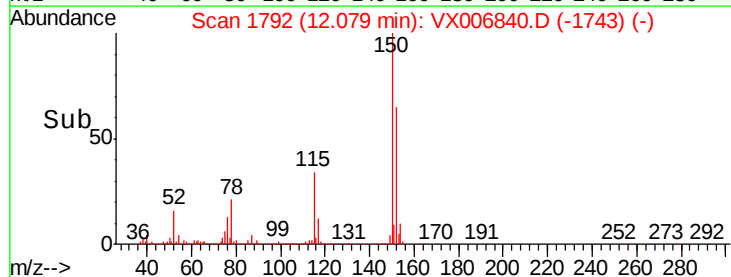
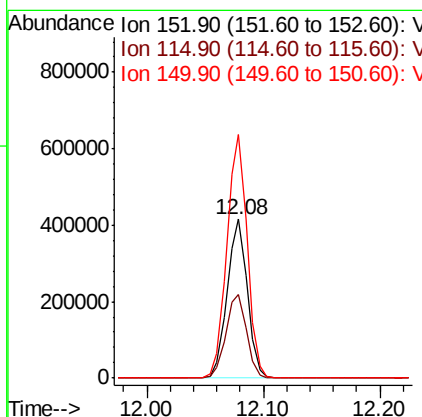
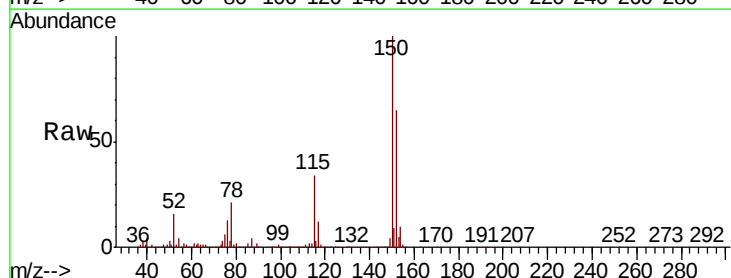
Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-B

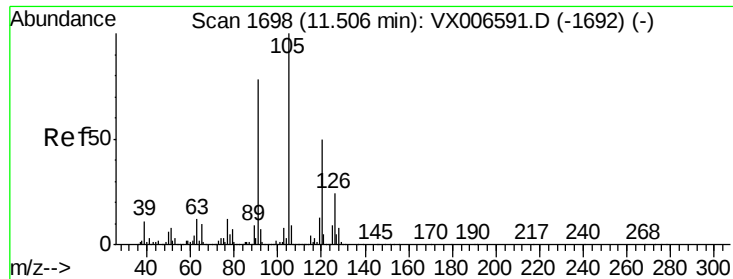
Tot Ion:106 Resp: 3737
Ion Ratio Lower Upper
106 100
91 185.5 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Tgt Ion:152 Resp: 496584
Ion Ratio Lower Upper
152 100
115 53.6 39.1 117.2
150 155.0 0.0 344.8

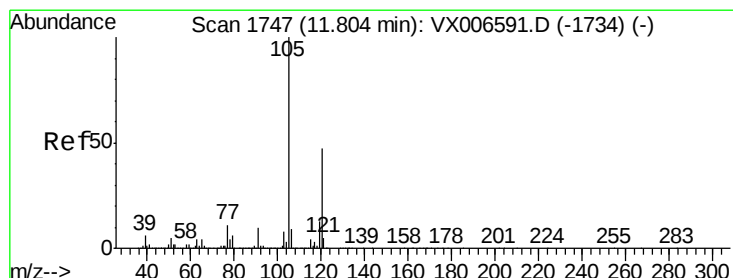
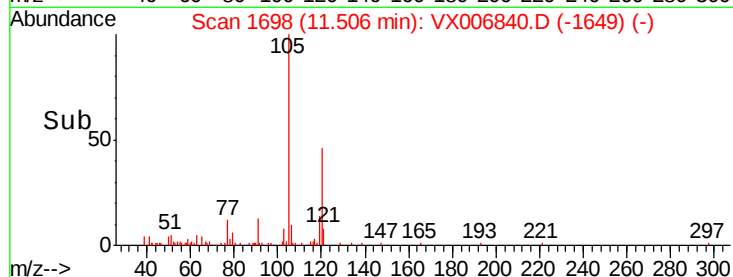
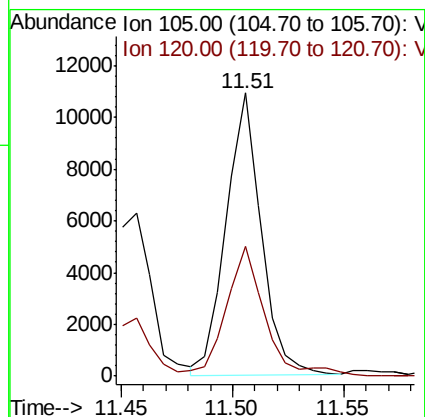
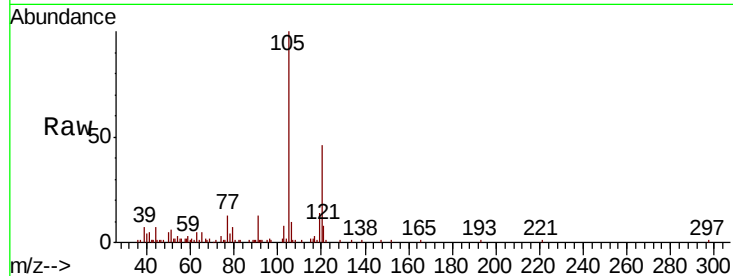




#80
 1,3,5-Trimethylbenzene
 Concen: 0.425 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006840.D
 Acq: 27 Dec 2018 14:16

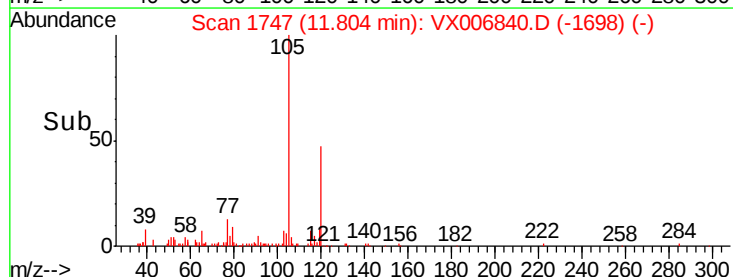
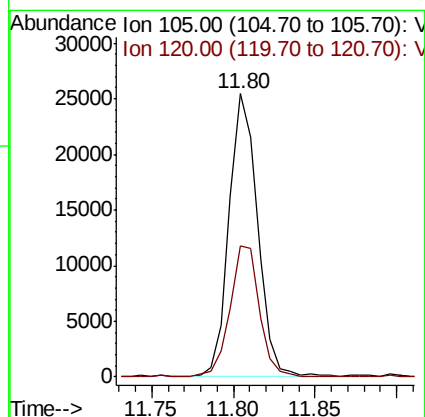
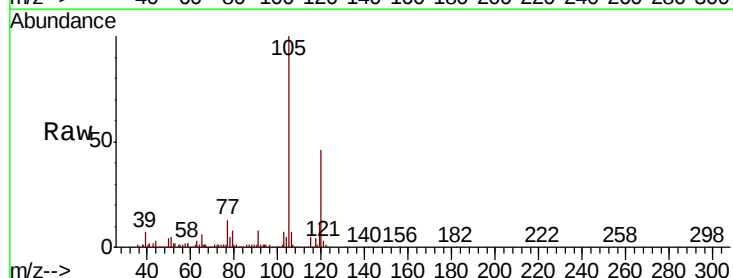
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-122618-B

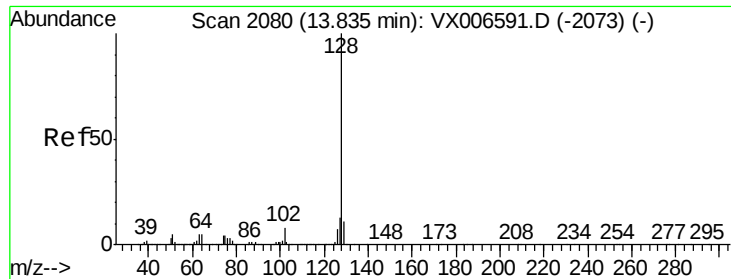
Tot Ion:105 Resp: 11887
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.1 75.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.054 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006840.D
 Acq: 27 Dec 2018 14:16

Tgt Ion:105 Resp: 31021
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.6





#95
Naphthalene
Concen: 10.876 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006840.D
Acq: 27 Dec 2018 14:16

Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	11.2	8.6	13.0

