

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006844.D
 Acq On : 27 Dec 2018 16:02
 Operator : JC/MD
 Sample : J6195-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 28 06:00:23 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	687925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1022945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	957497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	466350	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	344002	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
35) Dibromofluoromethane	5.51	113	303929	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	8.71	98	1229883	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	439980	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	

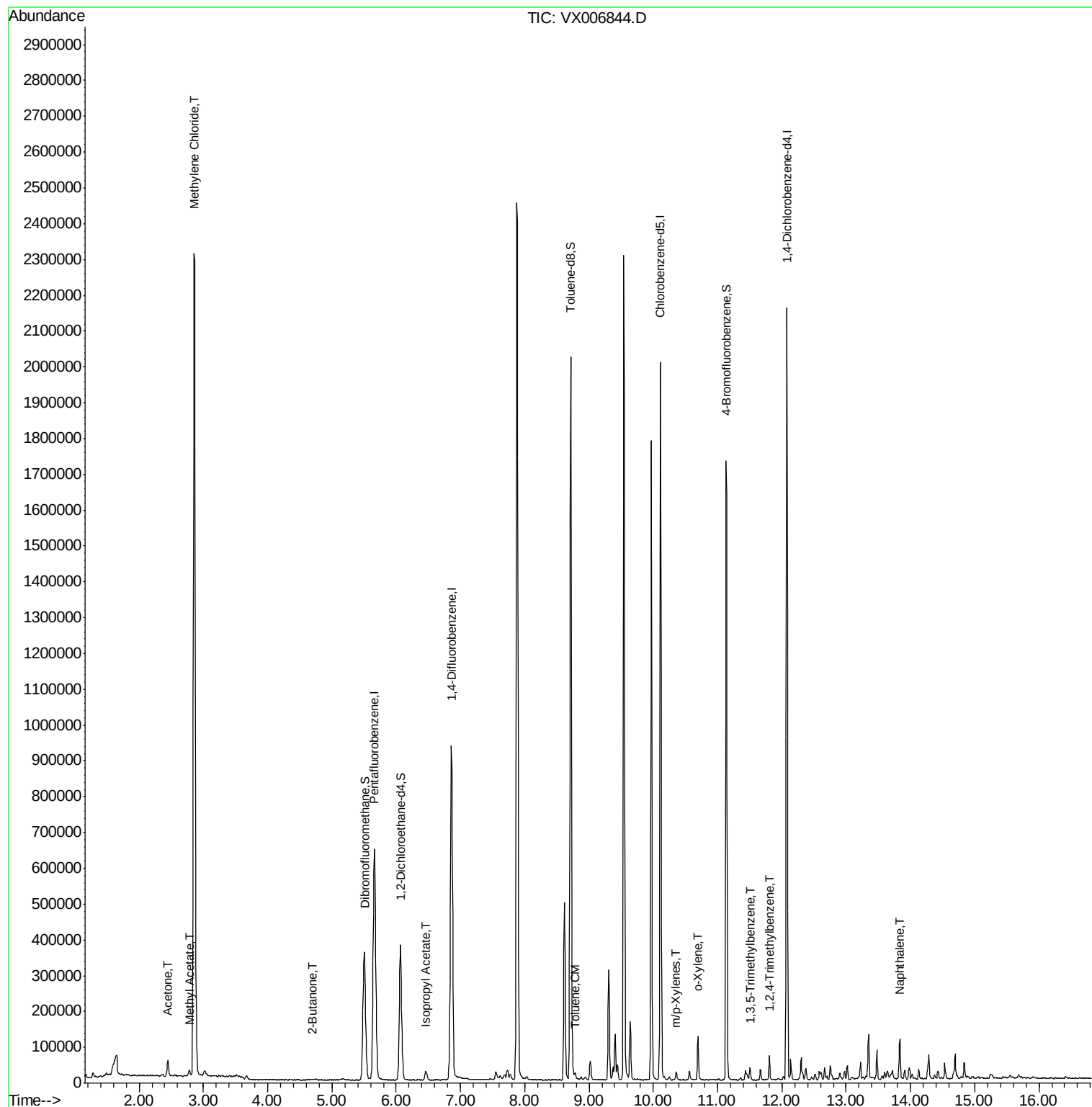
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	46488	13.648	ug/l	100
18) Methyl Acetate	2.78	43	21277	2.124	ug/l	96
20) Methylene Chloride	2.86	84	1100732	156.273	ug/l	96
25) 2-Butanone	4.71	43	4207	0.878	ug/l #	87
43) Isopropyl Acetate	6.46	43	31815	2.371	ug/l	99
52) Toluene	8.79	92	4137	0.249	ug/l	99
68) m/p-Xylenes	10.36	106	5755	0.441	ug/l	96
69) o-Xylene	10.70	106	3585	0.278	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	14068	0.535	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	29821	1.079	ug/l	95
95) Naphthalene	13.83	128	73197	2.138	ug/l	99

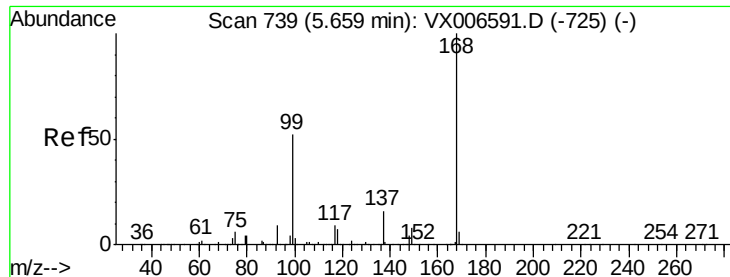
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122718\
Data File : VX006844.D
Acq On : 27 Dec 2018 16:02
Operator : JC/MD
Sample : J6195-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 28 06:00:23 2018
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: VX006844.D

Acq: 27 Dec 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

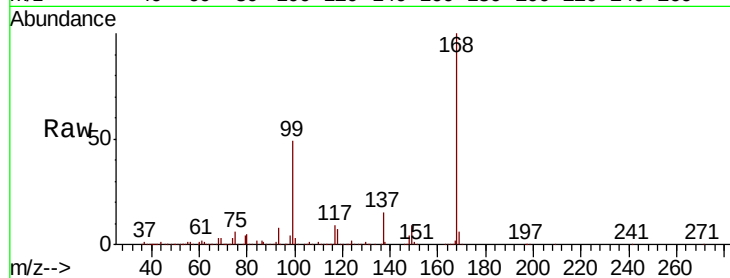
OR-01-122618-A

Tot Ion:168 Resp: 687925

Ion Ratio Lower Upper

168 100

99 49.5 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

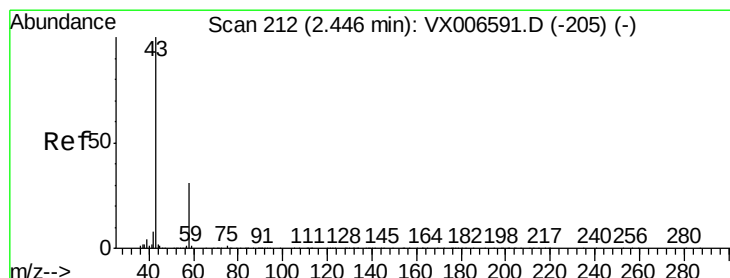
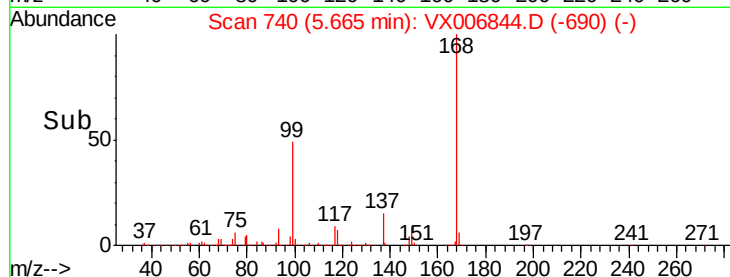
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.648 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006844.D

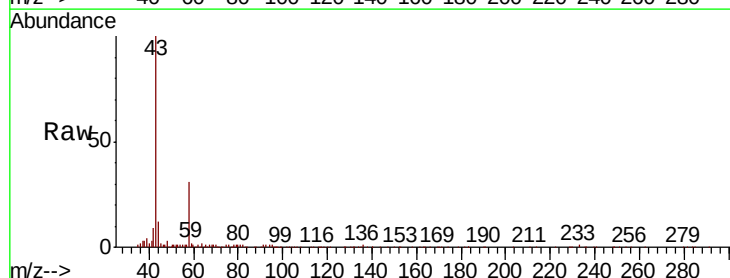
Acq: 27 Dec 2018 16:02

Tgt Ion: 43 Resp: 46488

Ion Ratio Lower Upper

43 100

58 31.3 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

30000

25000

20000

15000

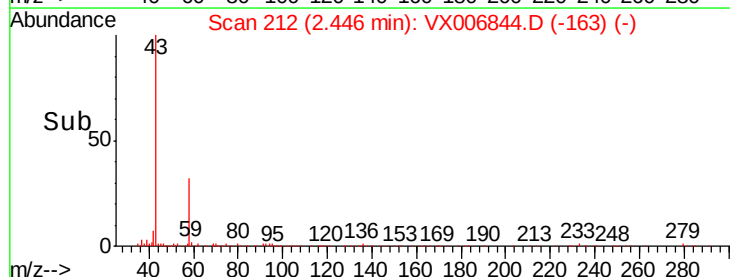
10000

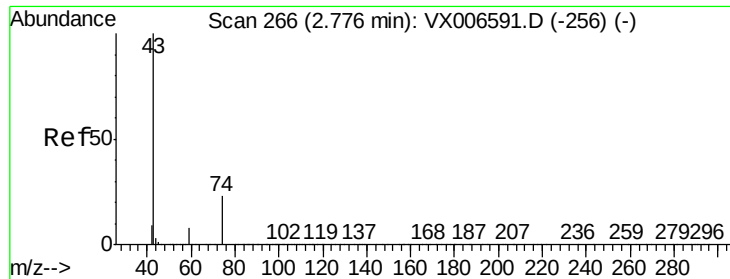
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

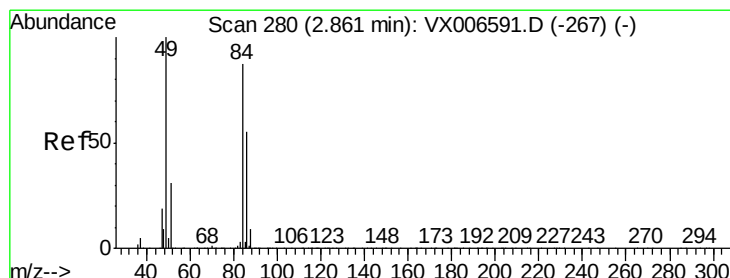
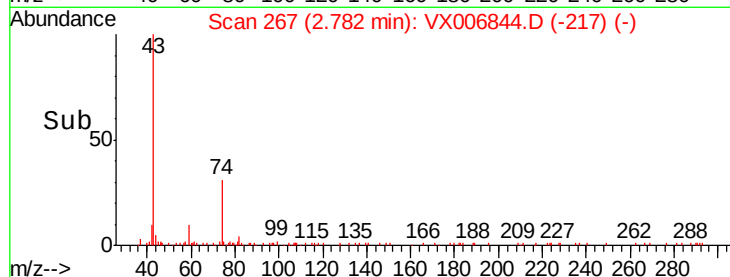
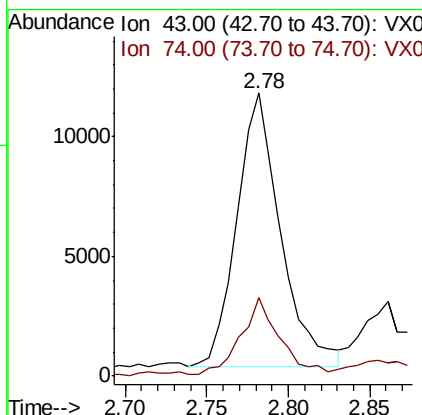
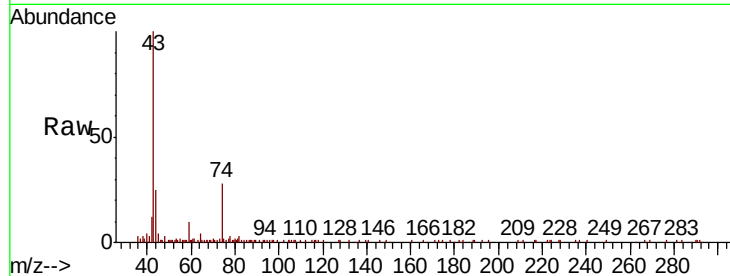




#18
Methyl Acetate
Concen: 2.124 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

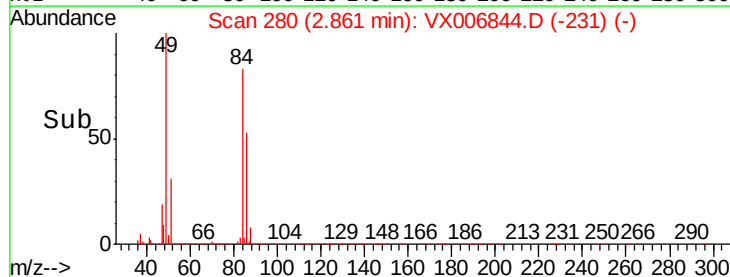
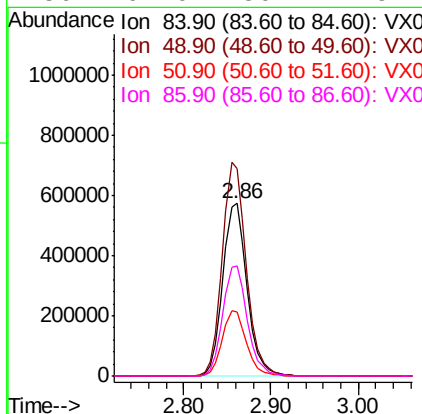
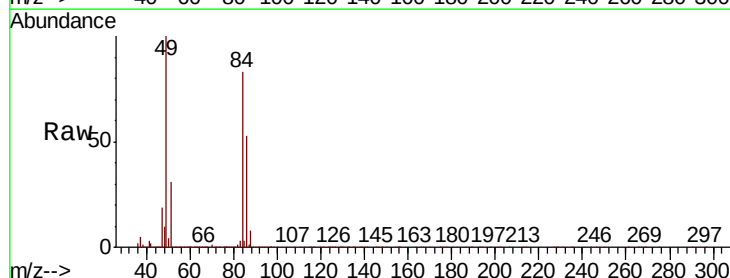
Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-A

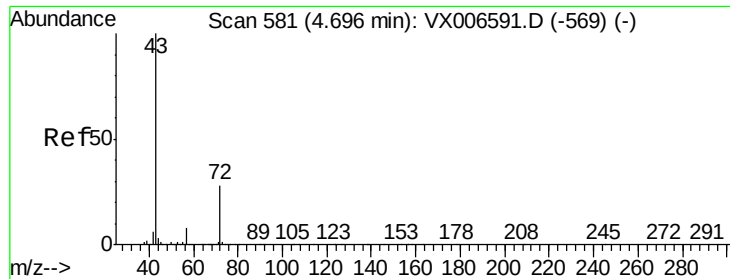
Tot Ion: 43 Resp: 21277
Ion Ratio Lower Upper
43 100
74 25.1 18.6 28.0



#20
Methylene Chloride
Concen: 156.273 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

Tgt Ion: 84 Resp: 1100732
Ion Ratio Lower Upper
84 100
49 120.5 91.8 137.6
51 36.9 28.5 42.7
86 64.0 50.2 75.2

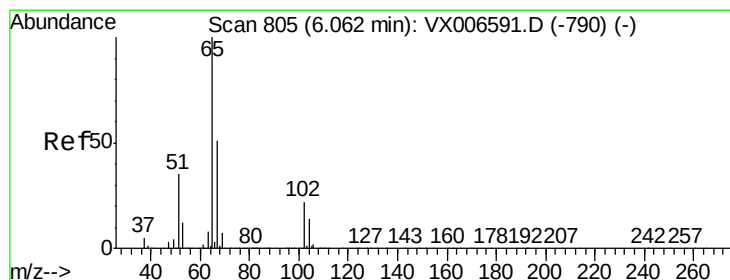
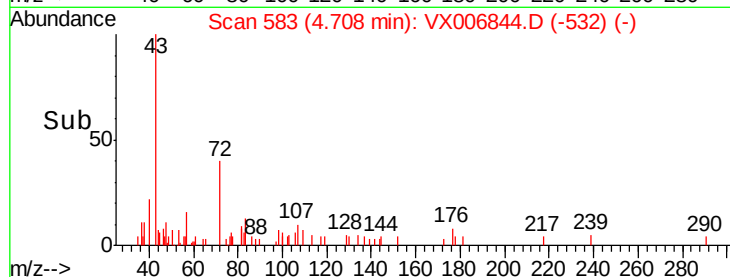
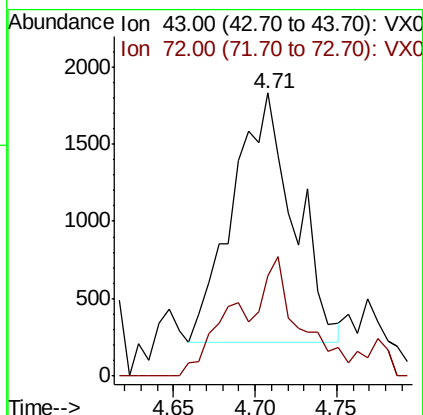
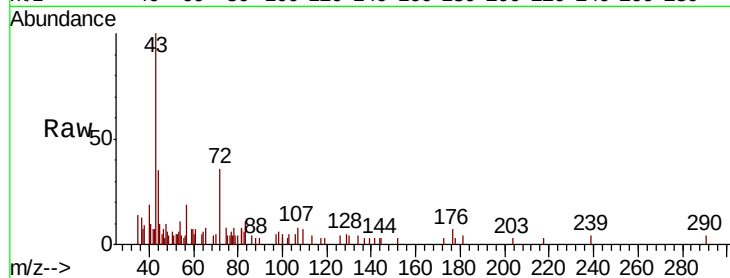




#25
2-Butanone
Concen: 0.878 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

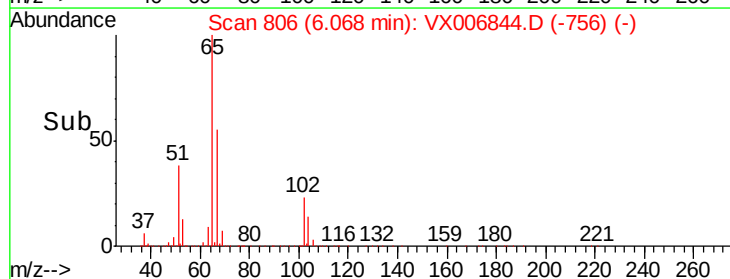
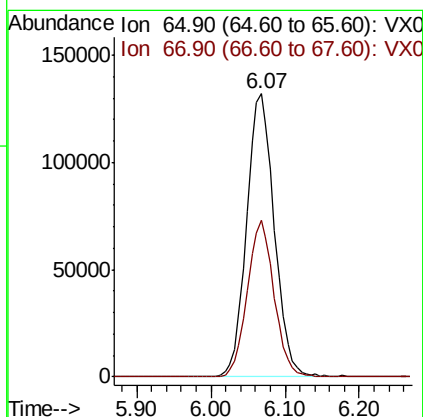
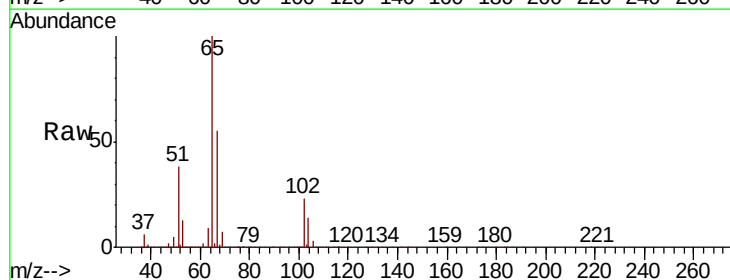
Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-A

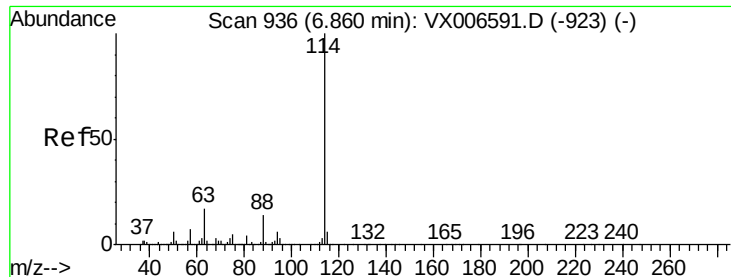
Tot Ion: 43 Resp: 4207
Ion Ratio Lower Upper
43 100
72 35.0 22.4 33.6#



#33
1,2-Dichloroethane-d4
Concen: 46.398 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

Tgt Ion: 65 Resp: 344002
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.0

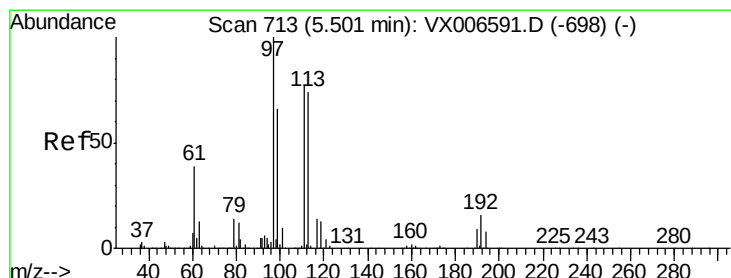
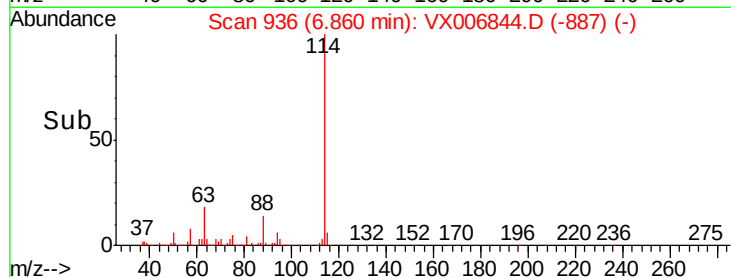
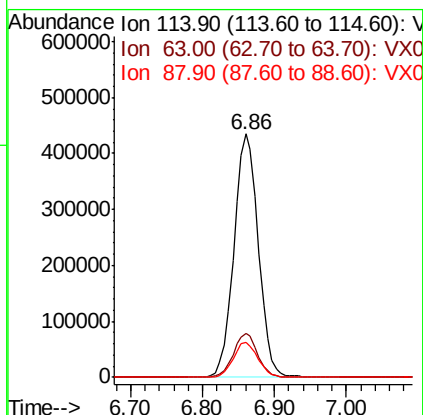
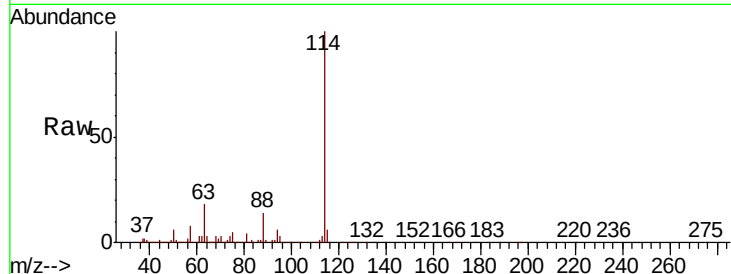




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006844.D
 Acq: 27 Dec 2018 16:02

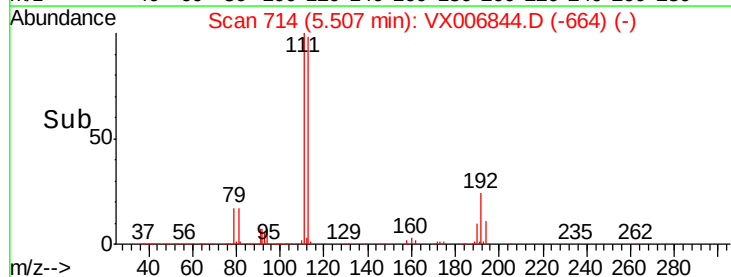
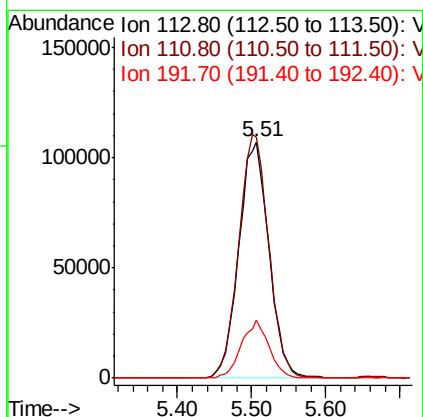
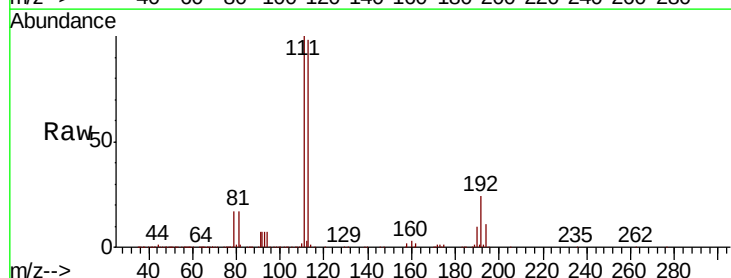
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-122618-A

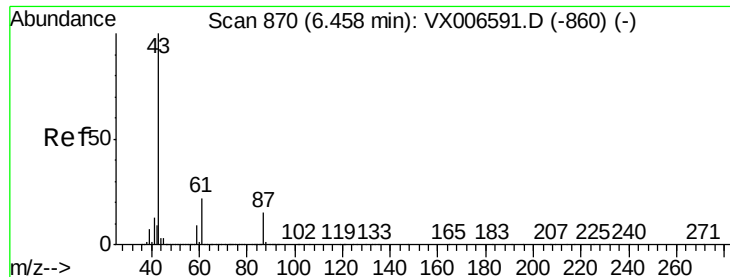
Tot Ion:114 Resp: 1022945
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.3 0.0 28.8



#35
 Dibromofluoromethane
 Concen: 46.983 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006844.D
 Acq: 27 Dec 2018 16:02

Tgt Ion:113 Resp: 303929
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.6 122.4
 192 22.4 16.7 25.1





#43

Isopropyl Acetate

Concen: 2.371 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006844.D

Acq: 27 Dec 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

OR-01-122618-A

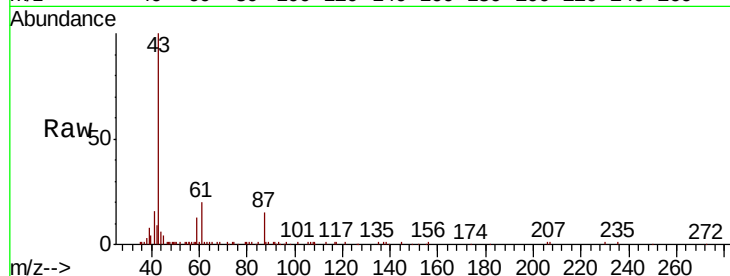
Tot Ion: 43 Resp: 31815

Ion Ratio Lower Upper

43 100

61 20.3 16.8 25.2

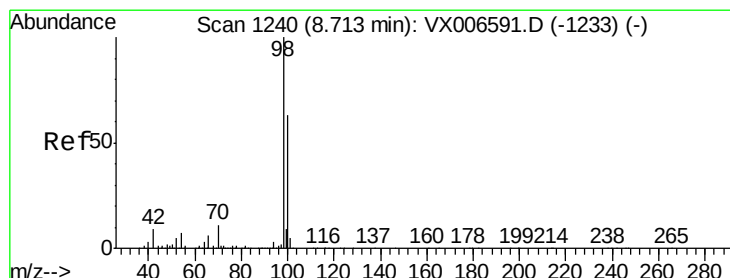
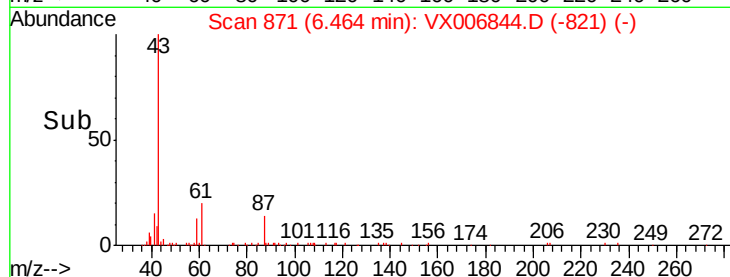
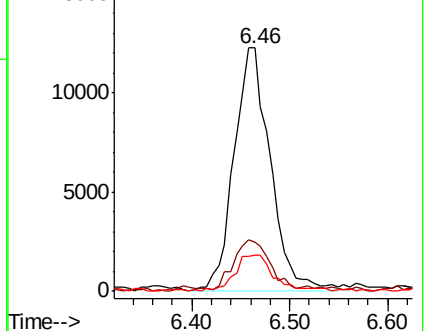
87 16.1 12.4 18.6



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



#50

Toluene-d8

Concen: 50.430 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006844.D

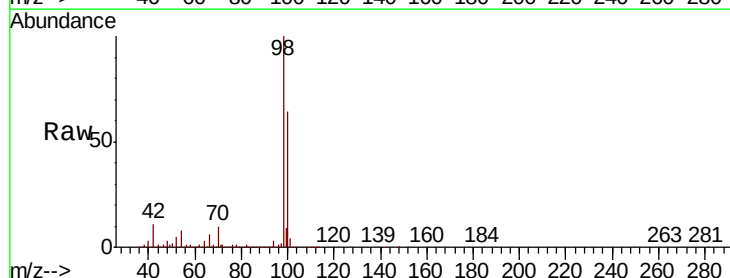
Acq: 27 Dec 2018 16:02

Tgt Ion: 98 Resp: 1229883

Ion Ratio Lower Upper

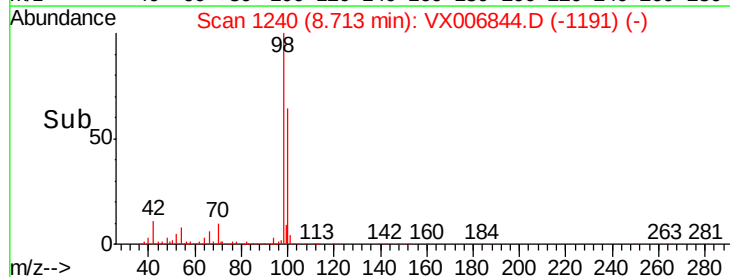
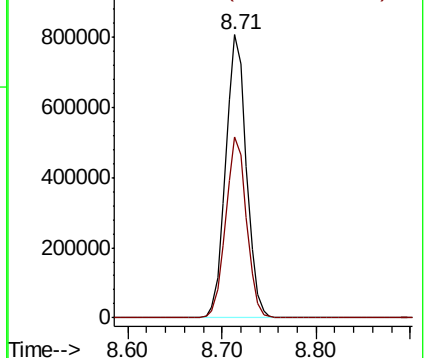
98 100

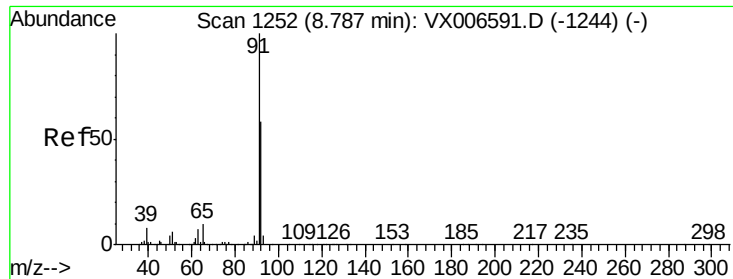
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.249 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006844.D

Acq: 27 Dec 2018 16:02

Instrument :

MSVOA_X

ClientSampleId :

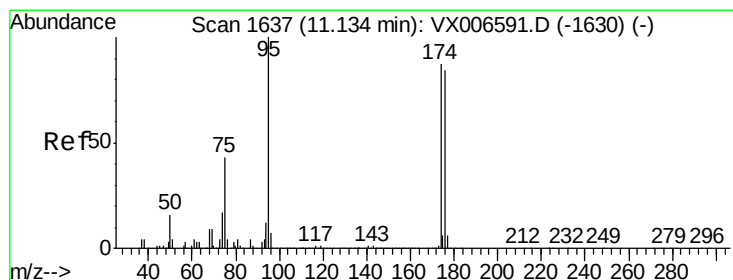
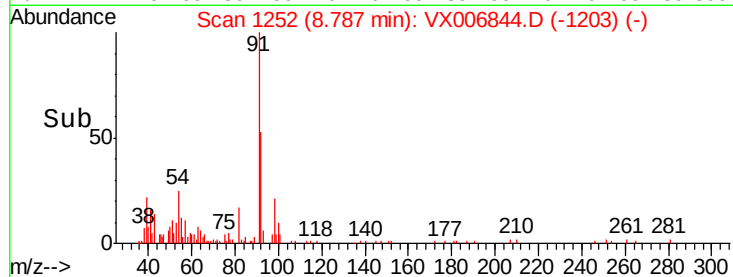
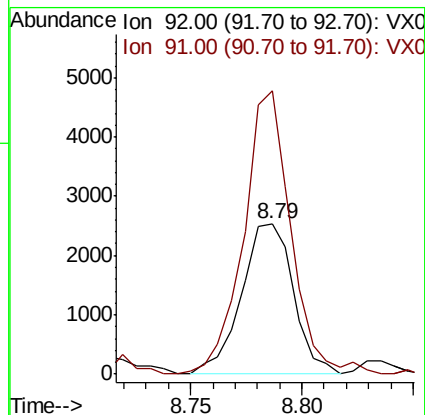
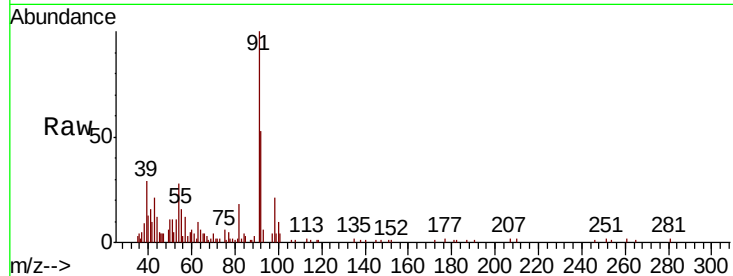
OR-01-122618-A

Tot Ion: 92 Resp: 4137

Ion Ratio Lower Upper

92 100

91 170.9 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 49.259 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006844.D

Acq: 27 Dec 2018 16:02

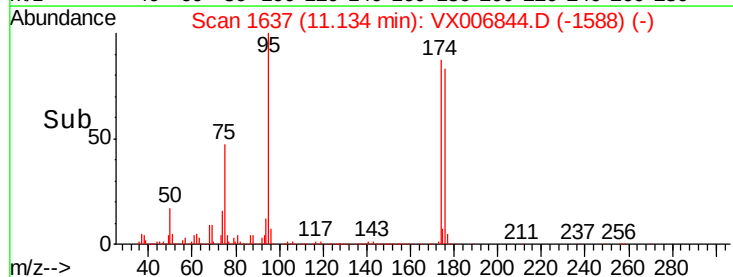
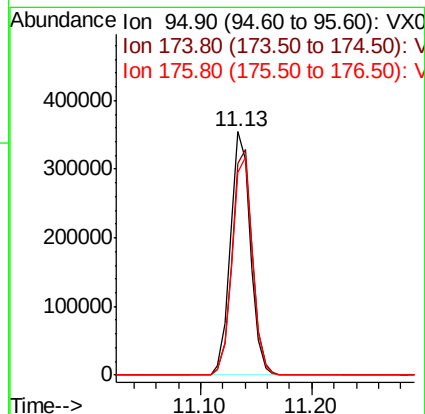
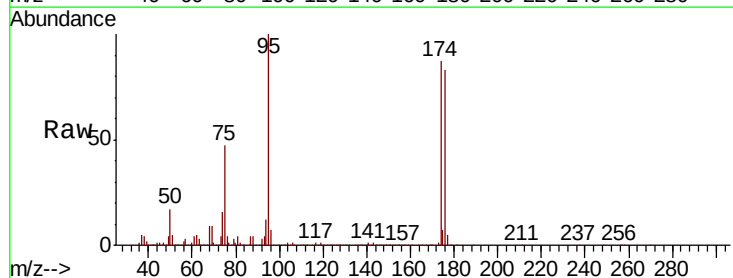
Tgt Ion: 95 Resp: 439980

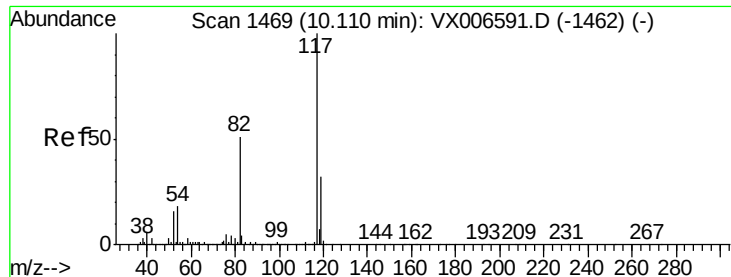
Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

176 90.5 0.0 178.8

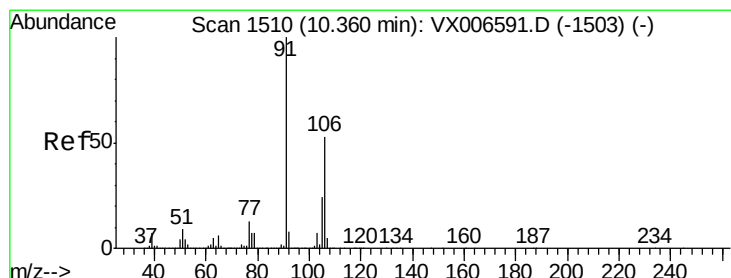
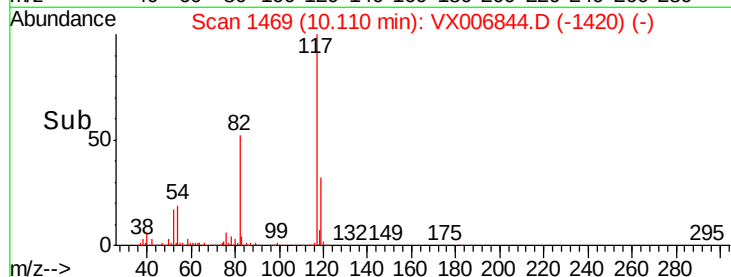
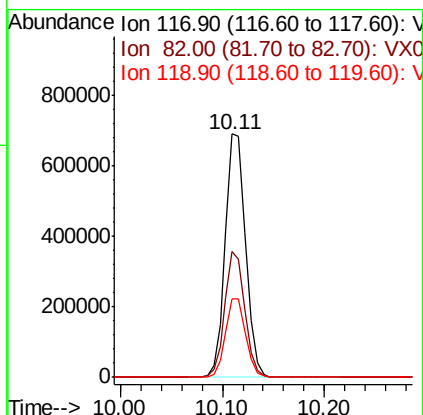
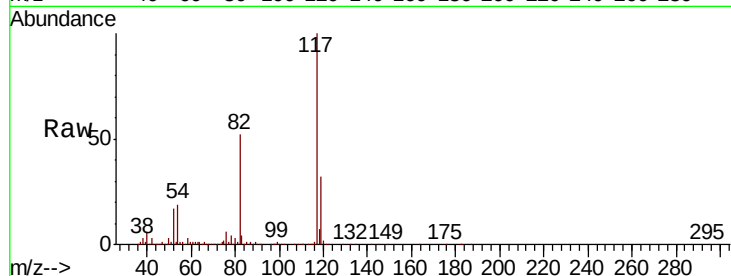




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

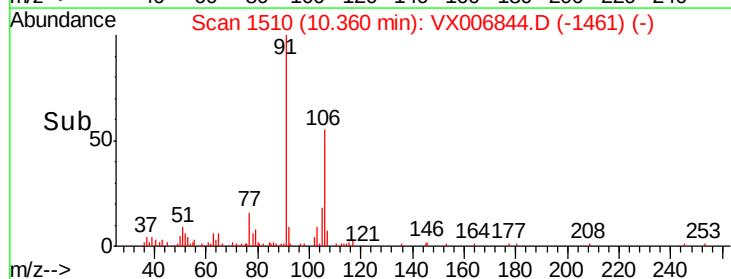
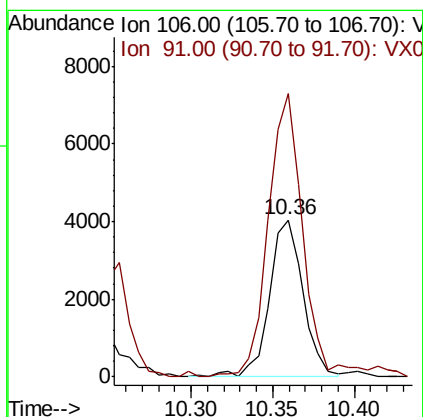
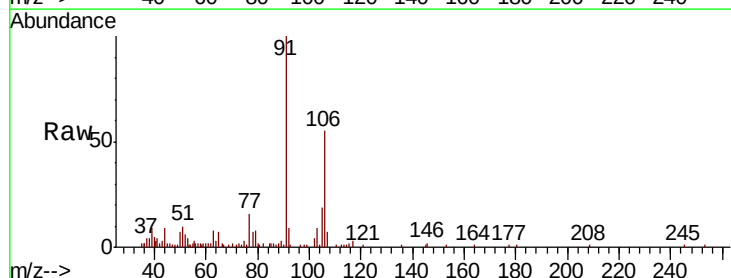
Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-A

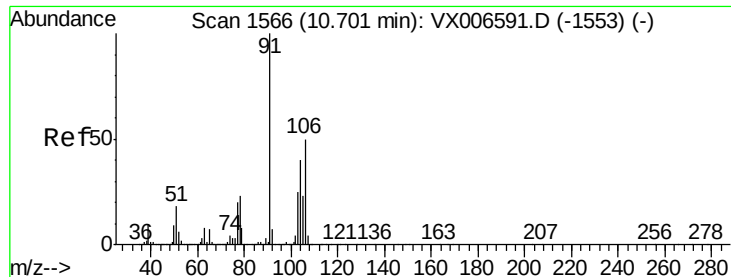
Tot Ion:117 Resp: 957497
Ion Ratio Lower Upper
117 100
82 51.8 41.0 61.6
119 32.4 25.4 38.0



#68
m/p-Xylenes
Concen: 0.441 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

Tgt Ion:106 Resp: 5755
Ion Ratio Lower Upper
106 100
91 189.3 155.8 233.6

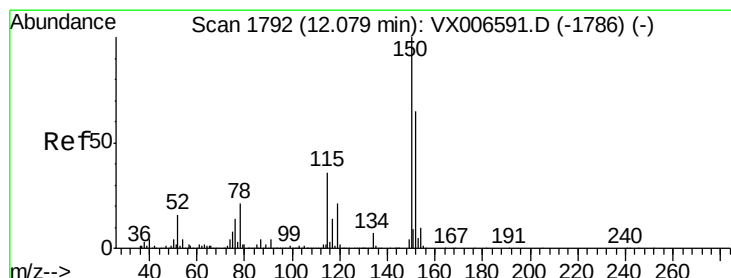
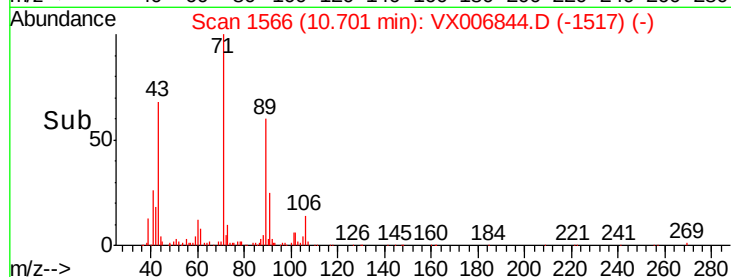
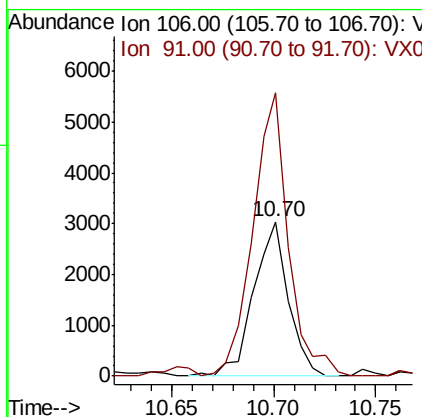
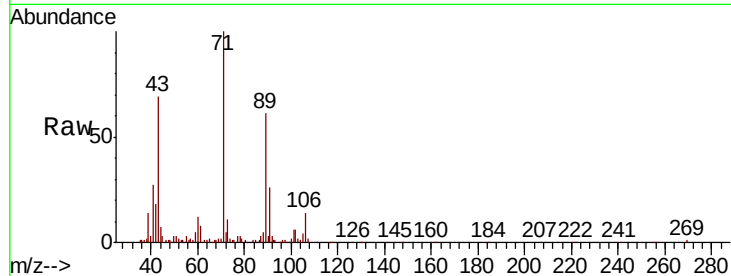




#69
o-Xylene
Concen: 0.278 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

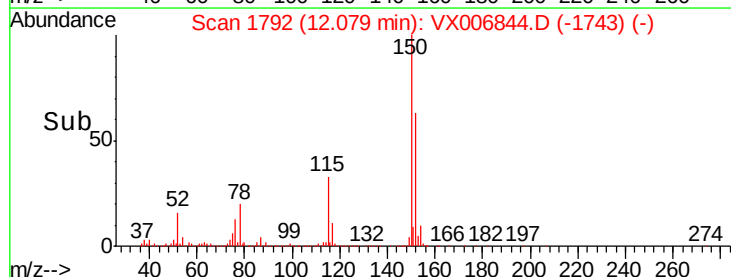
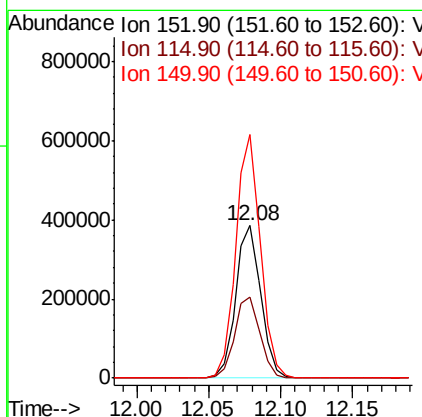
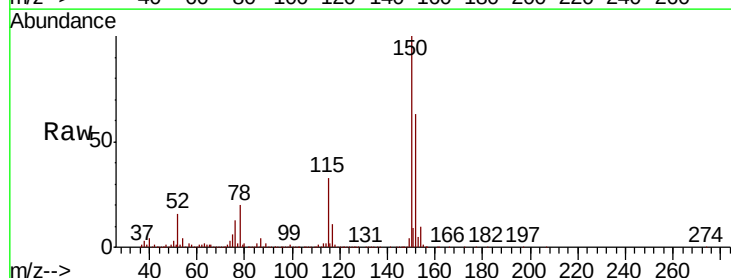
Instrument :
MSVOA_X
ClientSampleId :
OR-01-122618-A

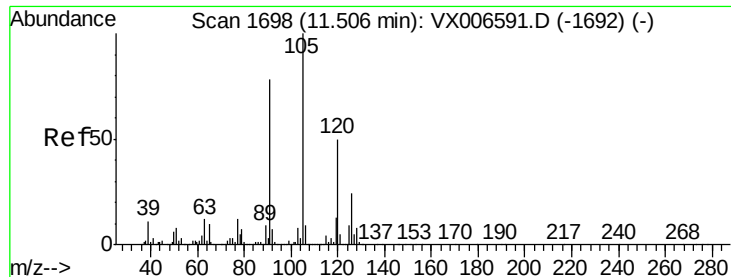
Tot Ion:106 Resp: 3585
Ion Ratio Lower Upper
106 100
91 188.3 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

Tgt Ion:152 Resp: 466350
Ion Ratio Lower Upper
152 100
115 54.2 39.1 117.2
150 157.1 0.0 344.8

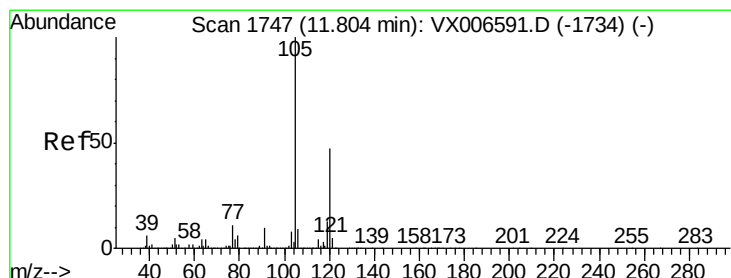
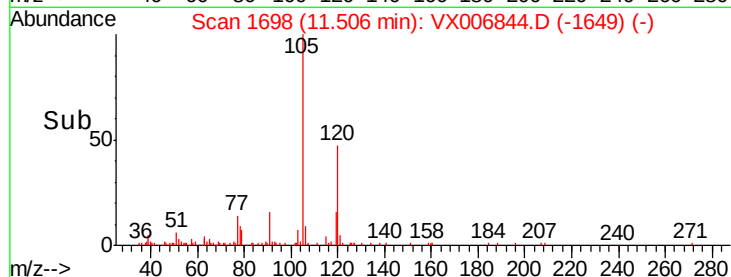
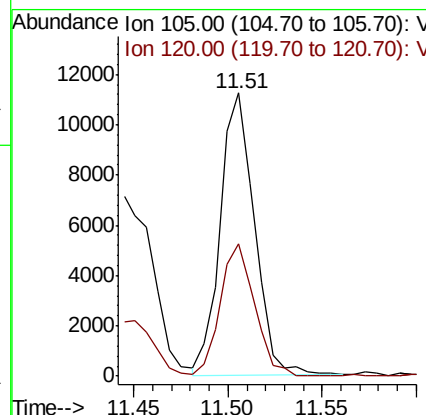
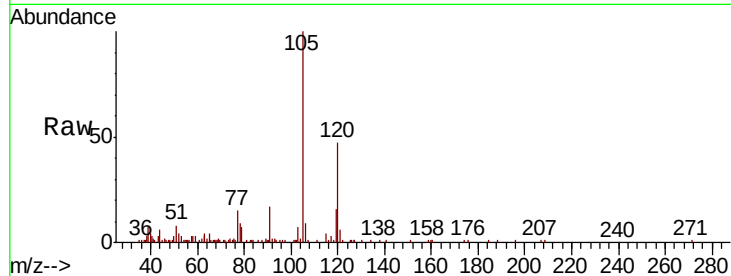




#80
 1,3,5-Trimethylbenzene
 Concen: 0.535 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006844.D
 Acq: 27 Dec 2018 16:02

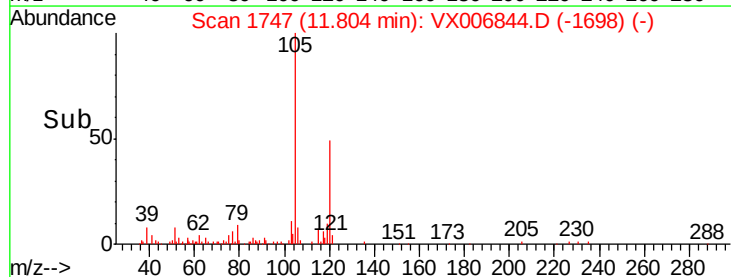
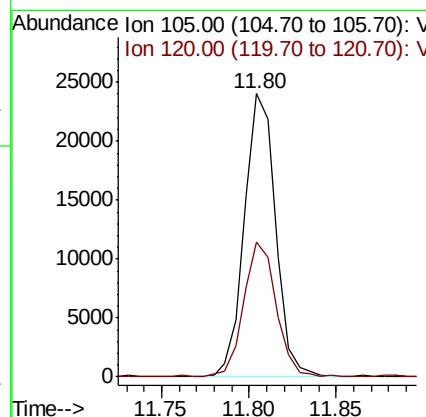
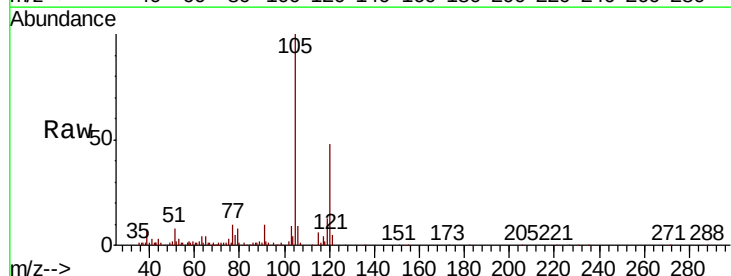
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-01-122618-A

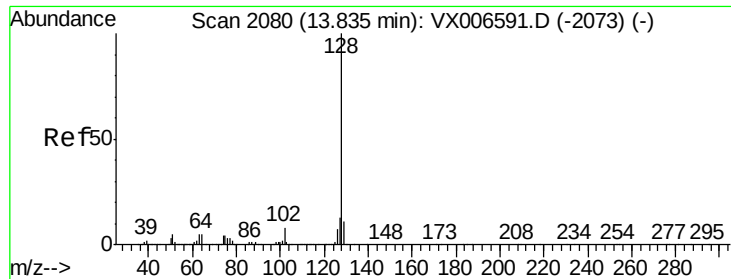
Tot Ion:105 Resp: 14068
 Ion Ratio Lower Upper
 105 100
 120 47.2 25.1 75.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.079 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006844.D
 Acq: 27 Dec 2018 16:02

Tgt Ion:105 Resp: 29821
 Ion Ratio Lower Upper
 105 100
 120 50.0 23.2 69.6





#95
Naphthalene
Concen: 2.138 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006844.D
Acq: 27 Dec 2018 16:02

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	10.7	8.6	13.0

