

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005462.D
 Acq On : 19 Oct 2018 17:00
 Operator : JC/MD
 Sample : J5604-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-29736-BOX-2

Quant Time: Oct 20 05:28:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166560	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	153443	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
35) Dibromofluoromethane	5.51	113	119387	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	8.71	98	439701	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	11.14	95	159214	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	

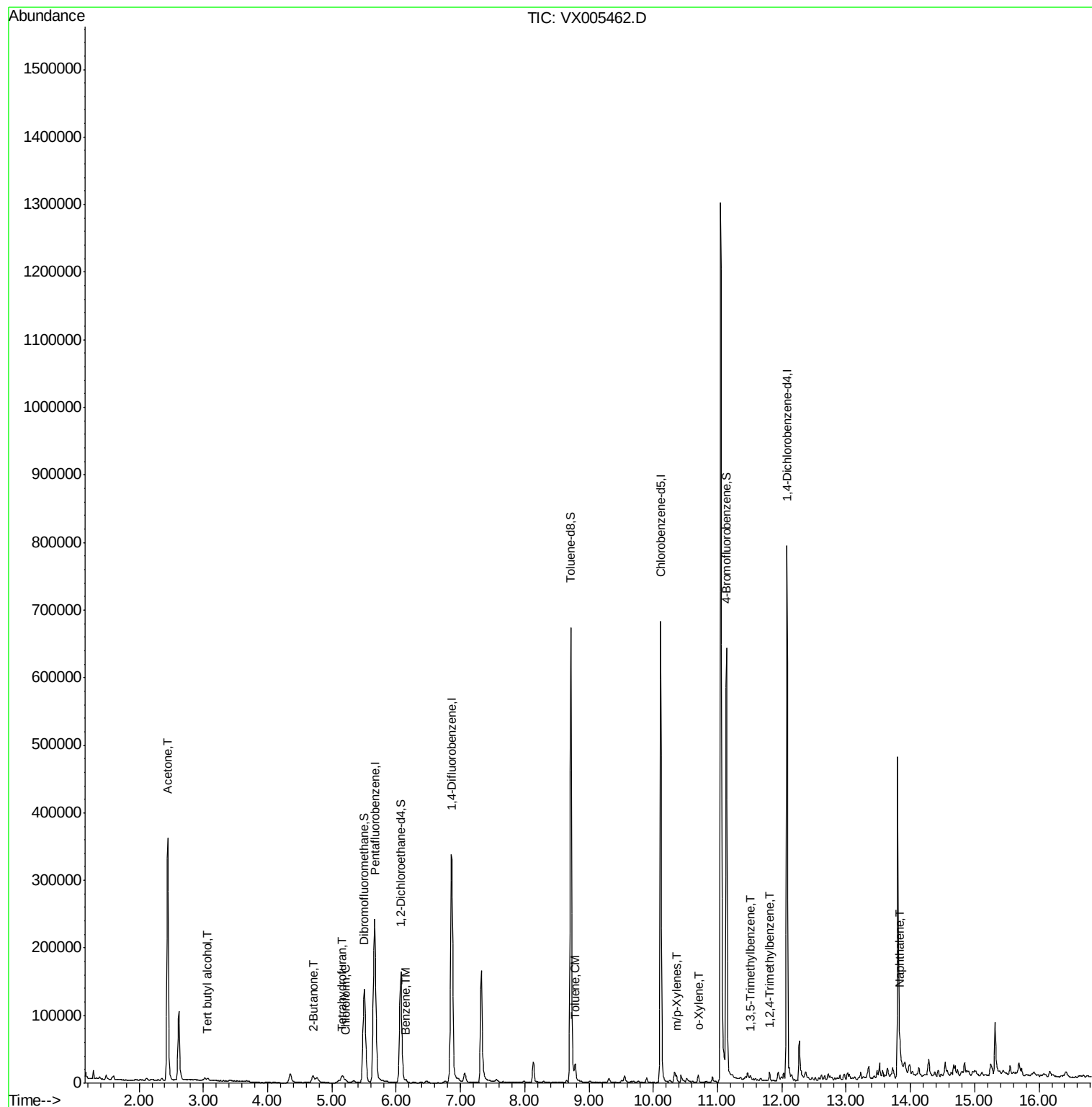
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	4502	5.536	ug/l #	89
16) Acetone	2.45	43	380500	228.274	ug/l	97
25) 2-Butanone	4.70	43	18429	7.557	ug/l	91
29) Tetrahydrofuran	5.17	42	8700	5.593	ug/l	91
30) Chloroform	5.21	83	2476	0.555	ug/l	92
40) Benzene	6.15	78	3762	0.362	ug/l	97
52) Toluene	8.79	92	7496	1.319	ug/l	100
68) m/p-Xylenes	10.35	106	2242	0.509	ug/l	93
69) o-Xylene	10.70	106	2130	0.501	ug/l	78
80) 1,3,5-Trimethylbenzene	11.51	105	2170	0.256	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	3961	0.454	ug/l	79
95) Naphthalene	13.83	128	8132	0.708	ug/l #	91

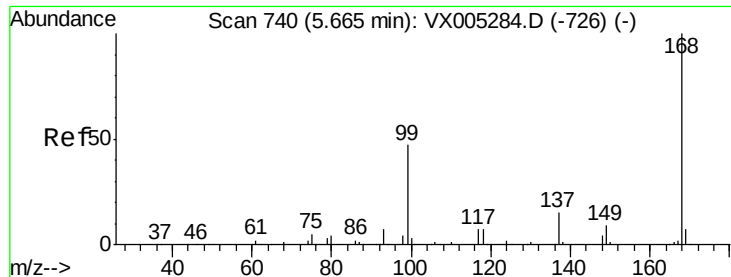
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101918\
Data File : VX005462.D
Acq On : 19 Oct 2018 17:00
Operator : JC/MD
Sample : J5604-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Quant Time: Oct 20 05:28:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
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: VX005462.D

Acq: 19 Oct 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

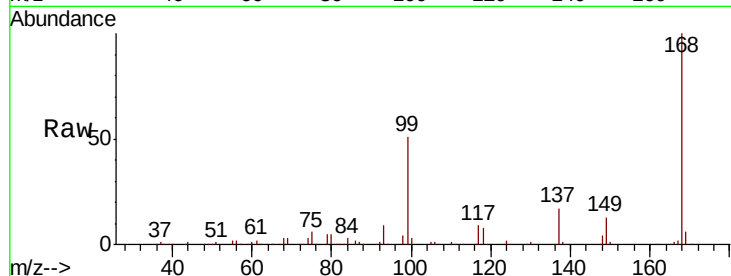
MS-VB-29736-BOX-2

Tot Ion:168 Resp: 259757

Ion Ratio Lower Upper

168 100

99 51.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

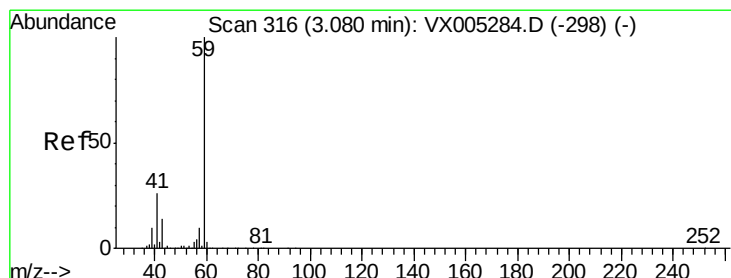
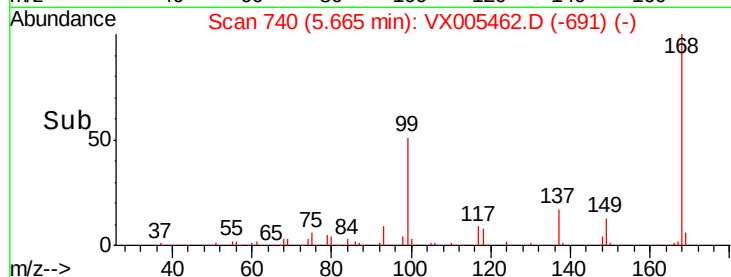
40000

20000

0

Time-->

5.60 5.80



#11

Tert butyl alcohol

Concen: 5.536 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX005462.D

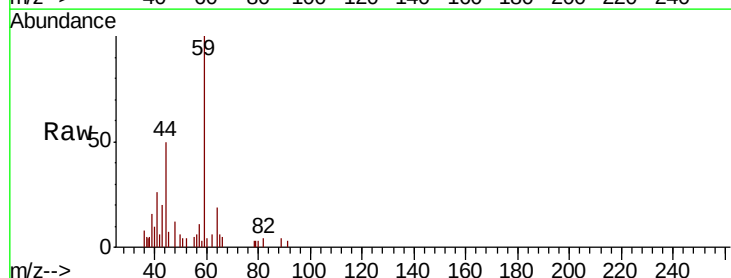
Acq: 19 Oct 2018 17:00

Tgt Ion: 59 Resp: 4502

Ion Ratio Lower Upper

59 100

57 14.3 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

2000

1500

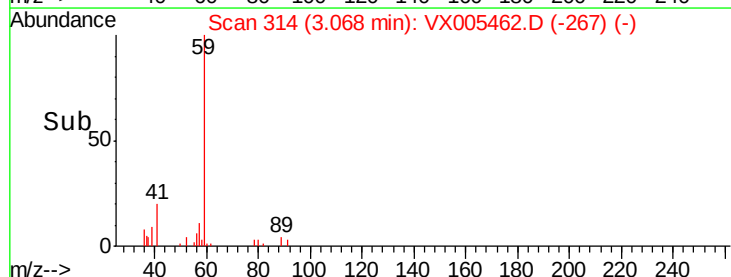
1000

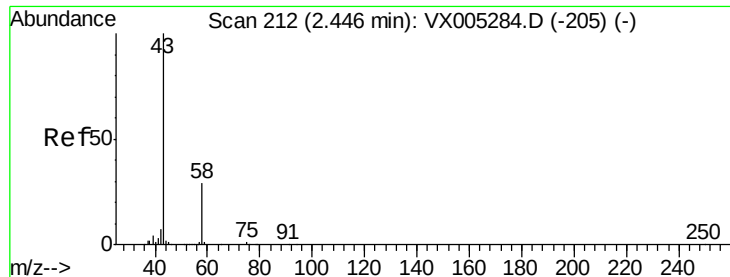
500

0

Time-->

3.00 3.05 3.10 3.15





#16

Acetone

Concen: 228.274 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005462.D

Acq: 19 Oct 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

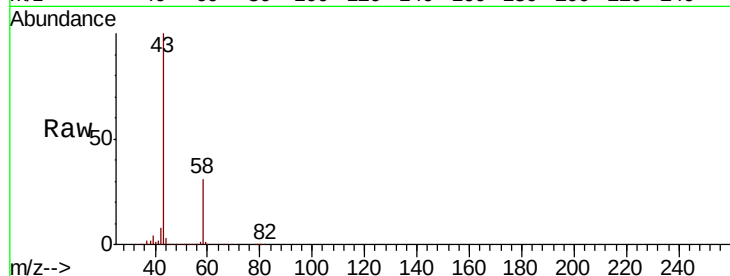
MS-VB-29736-BOX-2

Tot Ion: 43 Resp: 380500

Ion Ratio Lower Upper

43 100

58 31.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-205) (-)

2.45

250000

200000

150000

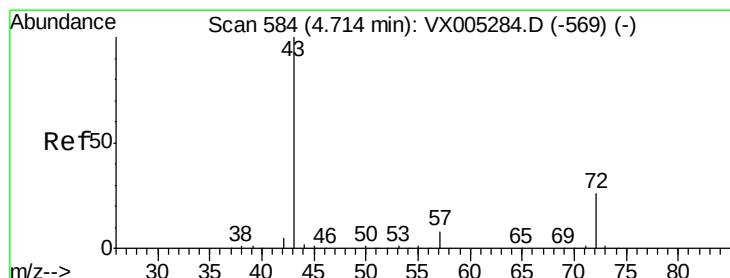
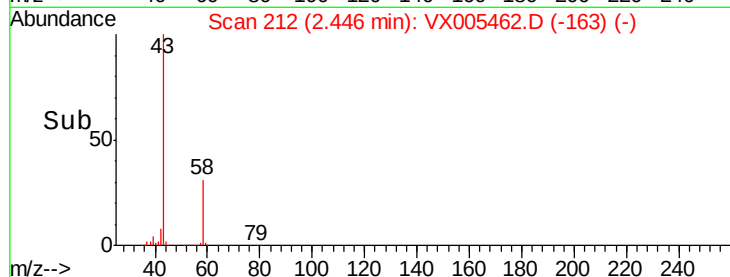
100000

50000

0

2.40 2.50 2.60

Time-->



#25

2-Butanone

Concen: 7.557 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005462.D

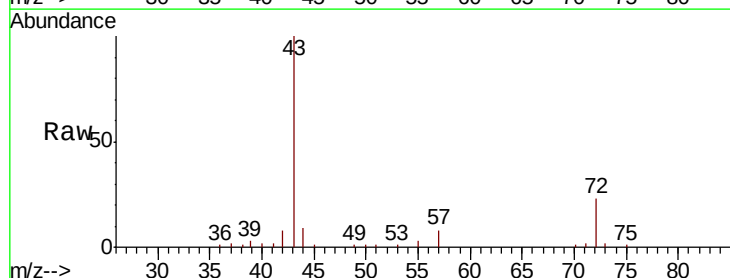
Acq: 19 Oct 2018 17:00

Tgt Ion: 43 Resp: 18429

Ion Ratio Lower Upper

43 100

72 23.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-569) (-)

Ion 72.00 (71.70 to 72.70): VX005284.D (-569) (-)

4.70

6000

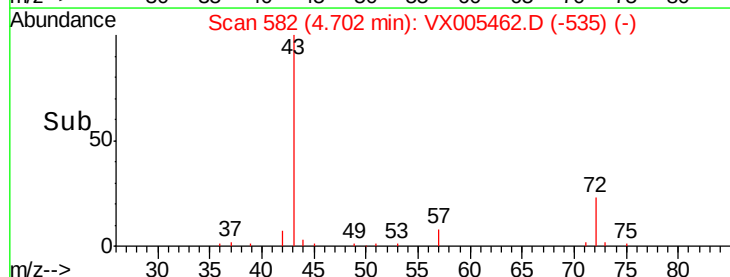
4000

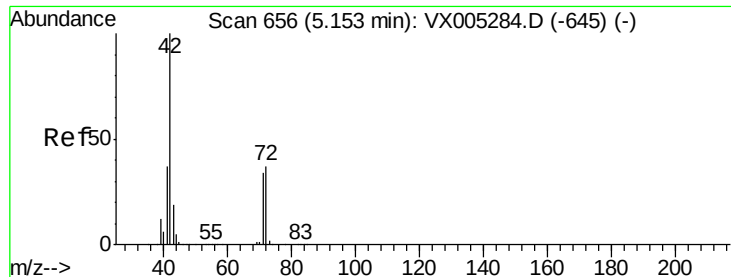
2000

0

4.60 4.70 4.80

Time-->

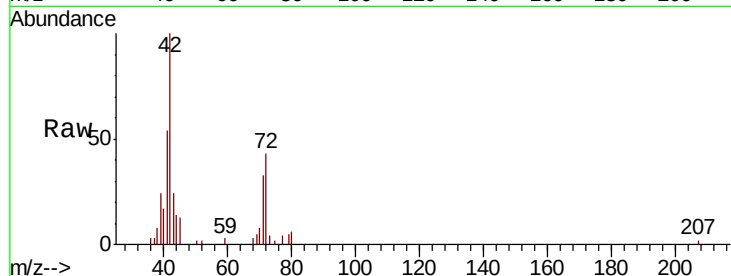




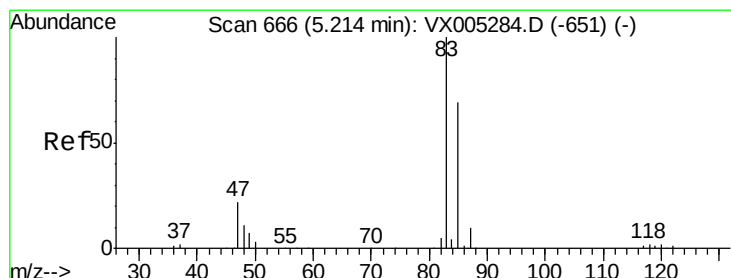
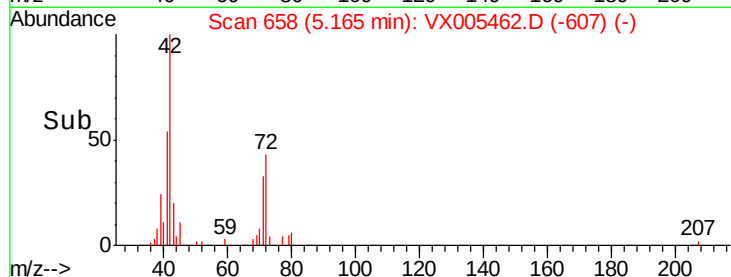
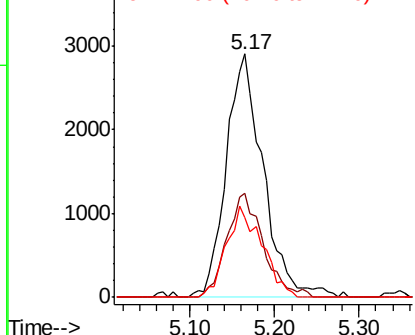
#29
Tetrahydrofuran
Concen: 5.593 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tot Ion: 42 Resp: 8700
Ion Ratio Lower Upper
42 100
72 42.0 37.4 56.0
71 36.1 34.5 51.7

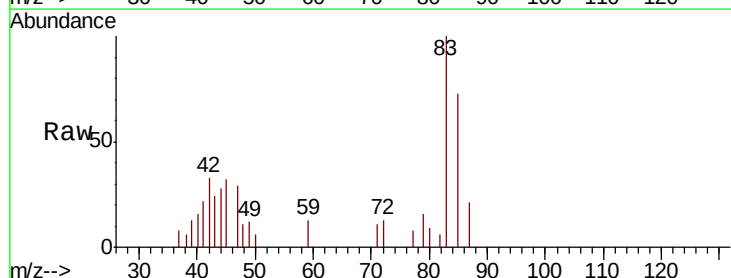


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

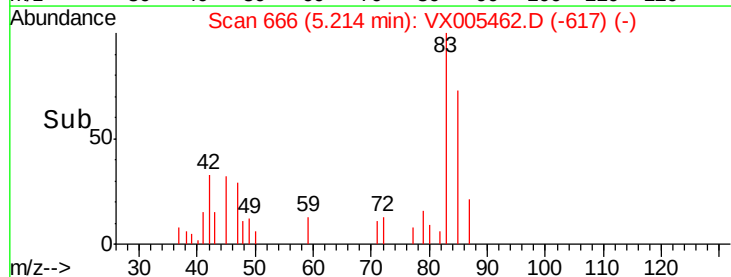
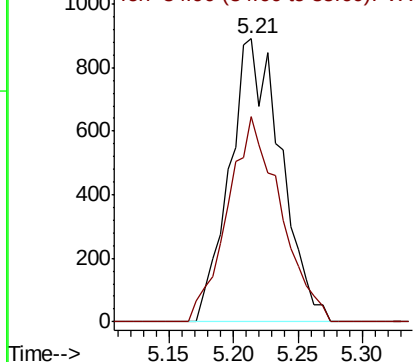


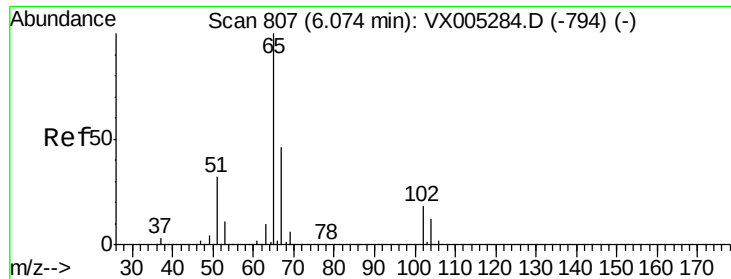
#30
Chloroform
Concen: 0.555 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 83 Resp: 2476
Ion Ratio Lower Upper
83 100
85 72.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

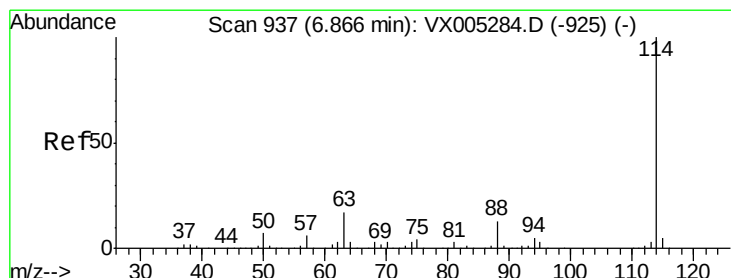
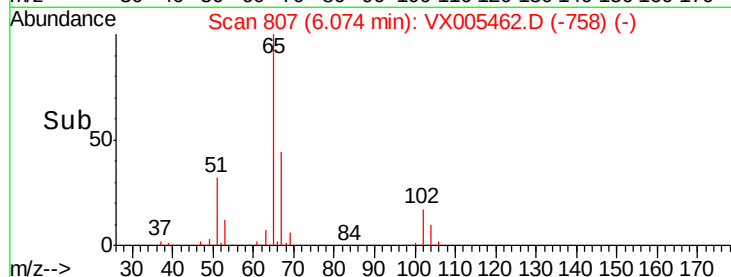
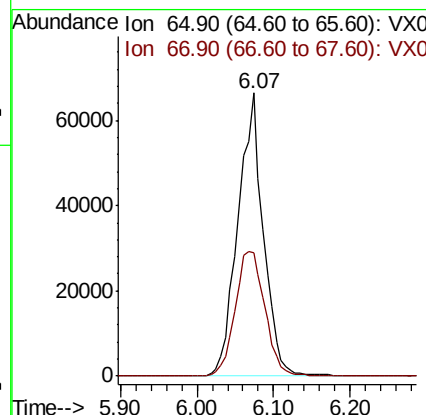
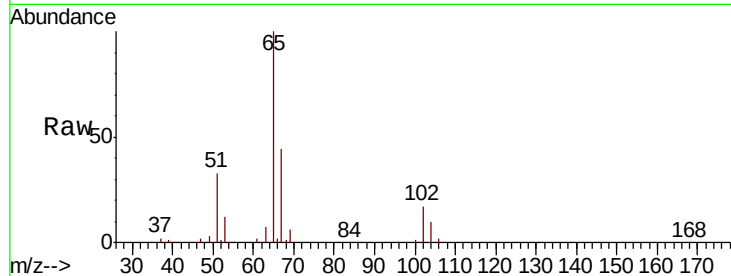




#33
 1,2-Dichloroethane-d4
 Concen: 53.225 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX005462.D
 Acq: 19 Oct 2018 17:00

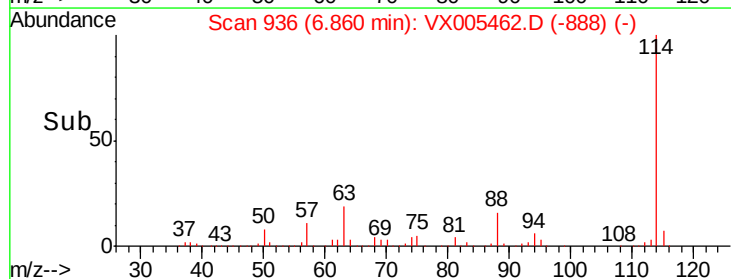
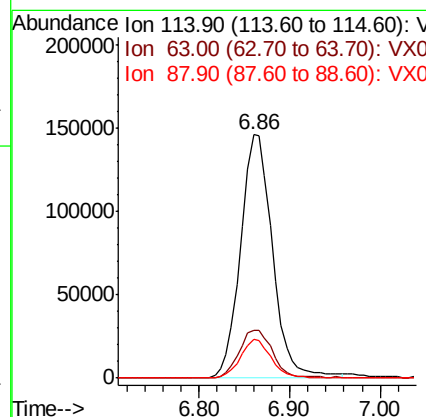
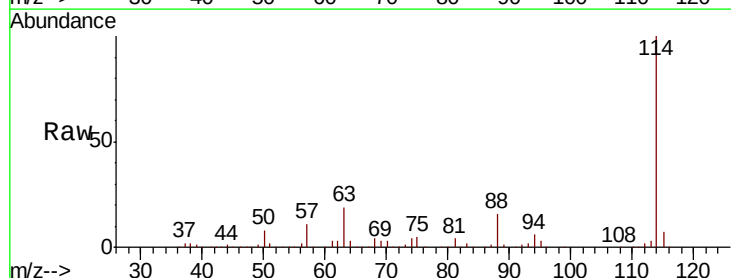
Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-29736-BOX-2

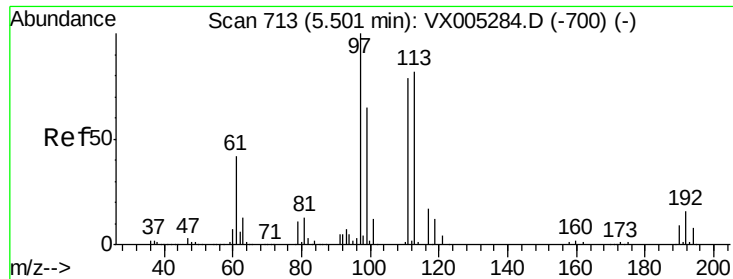
Tot Ion: 65 Resp: 153443
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005462.D
 Acq: 19 Oct 2018 17:00

Tgt Ion: 114 Resp: 357667
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.7 0.0 30.4

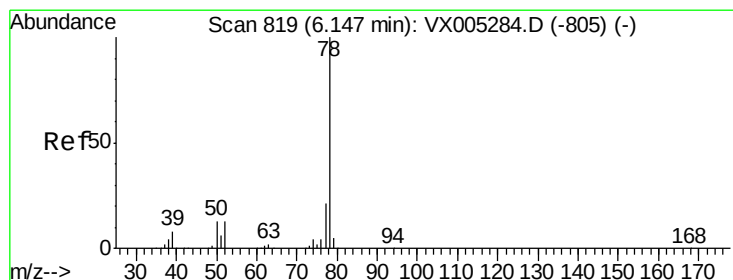
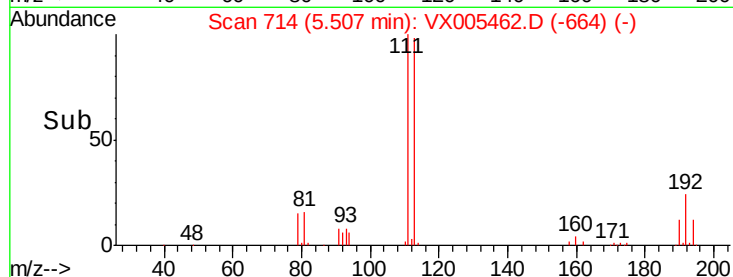
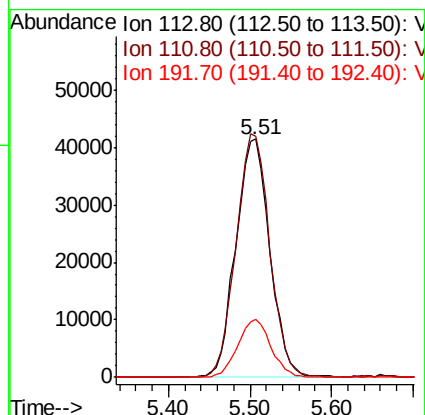
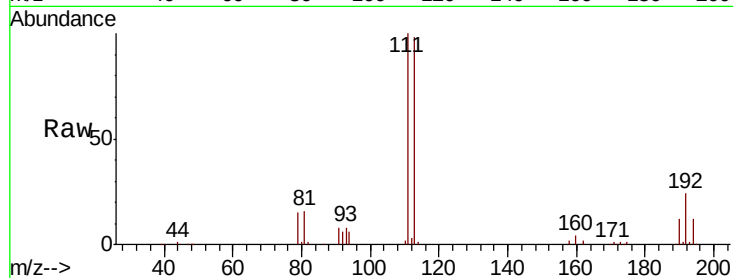




#35
 Dibromofluoromethane
 Concen: 50.397 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005462.D
 Acq: 19 Oct 2018 17:00

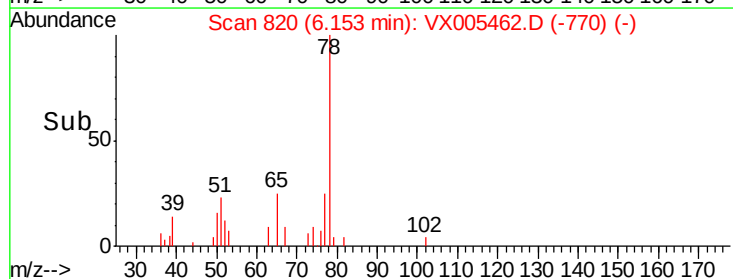
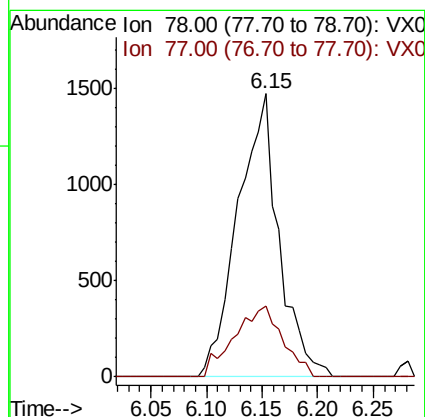
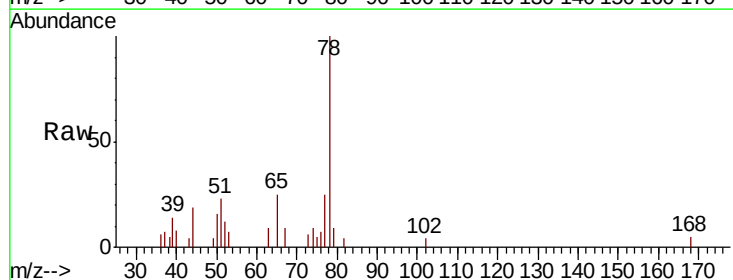
Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-29736-BOX-2

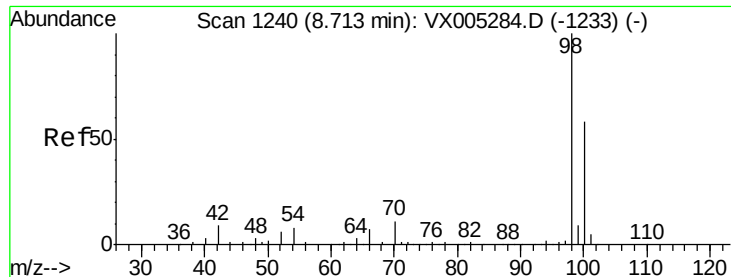
Tot Ion:113 Resp: 119387
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 23.8 19.4 29.2



#40
 Benzene
 Concen: 0.362 ug/l
 RT: 6.15 min Scan# 820
 Delta R.T. 0.01 min
 Lab File: VX005462.D
 Acq: 19 Oct 2018 17:00

Tgt Ion: 78 Resp: 3762
 Ion Ratio Lower Upper
 78 100
 77 25.1 19.0 28.4





#50

Toluene-d8

Concen: 54.066 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005462.D

Acq: 19 Oct 2018 17:00

Instrument :

MSVOA_X

ClientSampleId :

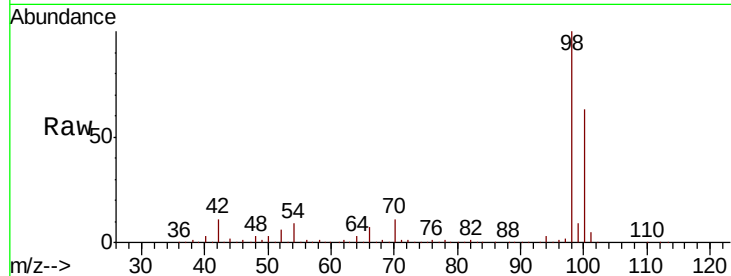
MS-VB-29736-BOX-2

Tot Ion: 98 Resp: 439701

Ion Ratio Lower Upper

98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

150000

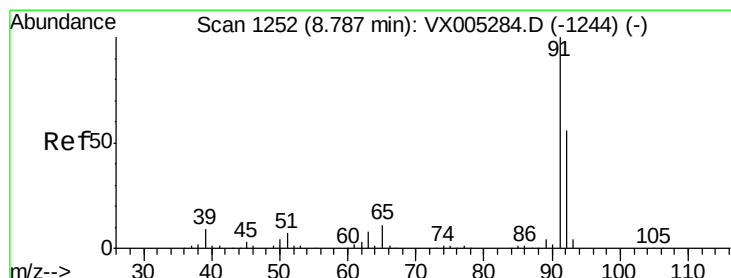
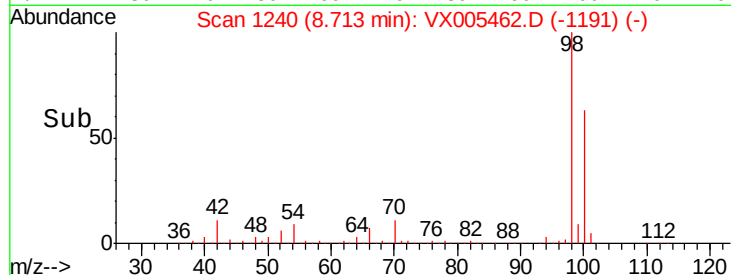
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#52

Toluene

Concen: 1.319 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005462.D

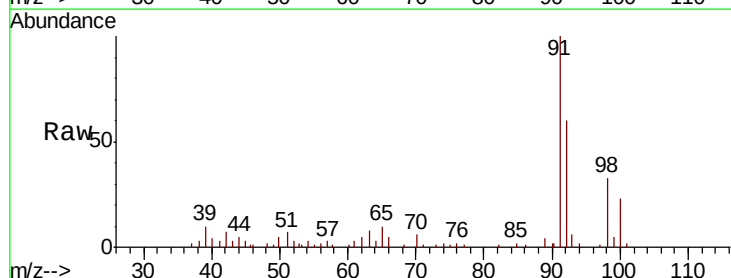
Acq: 19 Oct 2018 17:00

Tgt Ion: 92 Resp: 7496

Ion Ratio Lower Upper

92 100

91 171.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

8000

6000

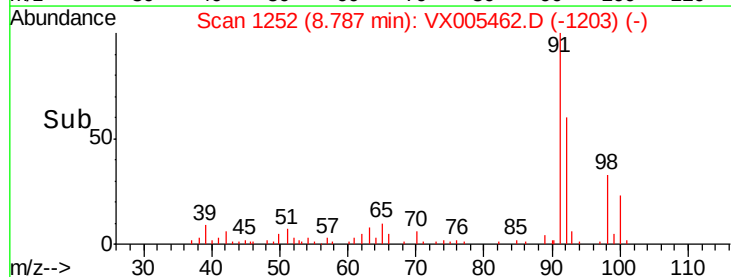
4000

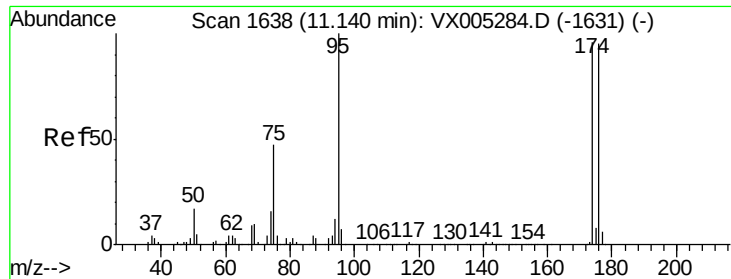
2000

0

Time-->

8.70 8.75 8.80 8.85

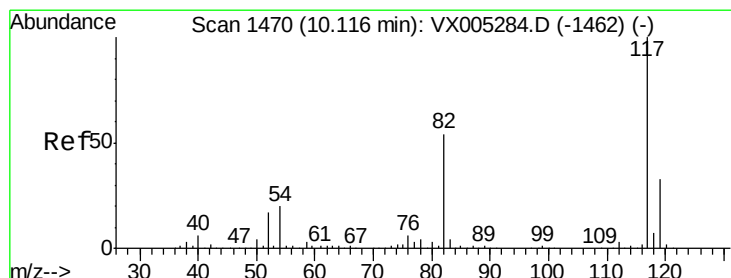
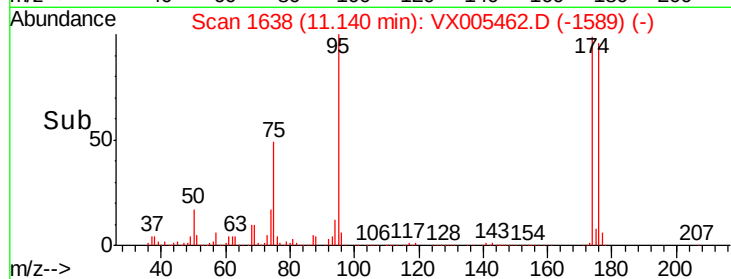
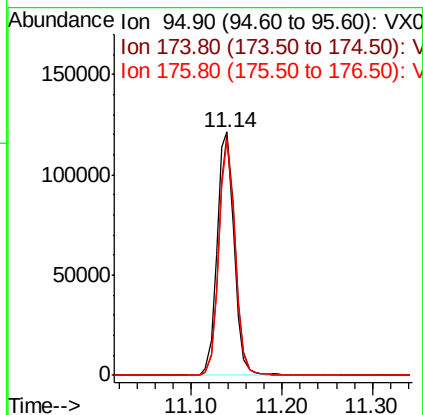
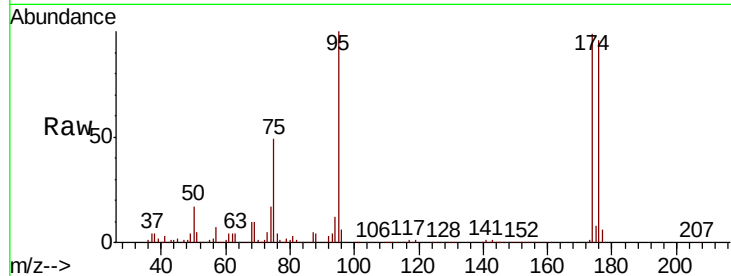




#62
4-Bromofluorobenzene
Concen: 52.113 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

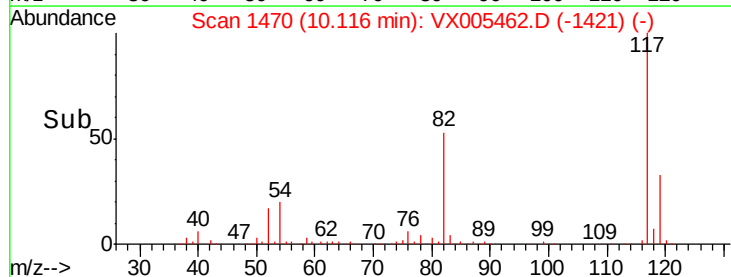
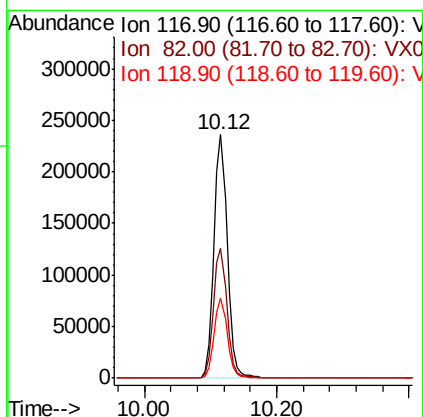
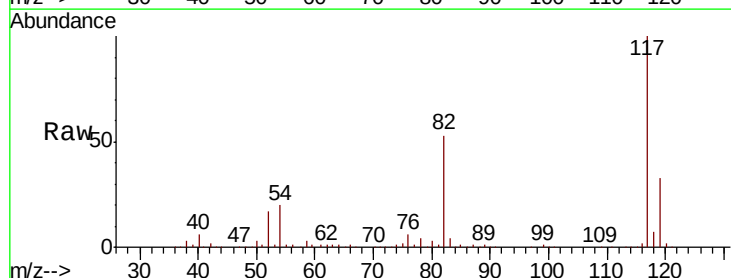
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

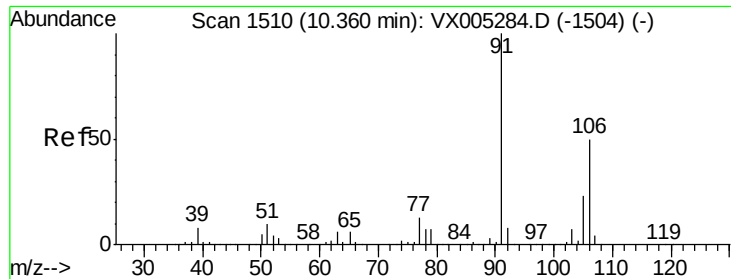
Tot Ion: 95 Resp: 159214
Ion Ratio Lower Upper
95 100
174 95.0 0.0 185.2
176 91.9 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion: 117 Resp: 328373
Ion Ratio Lower Upper
117 100
82 53.4 47.8 71.6
119 32.7 29.3 43.9

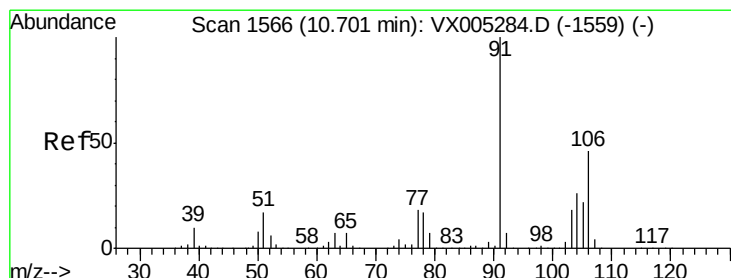
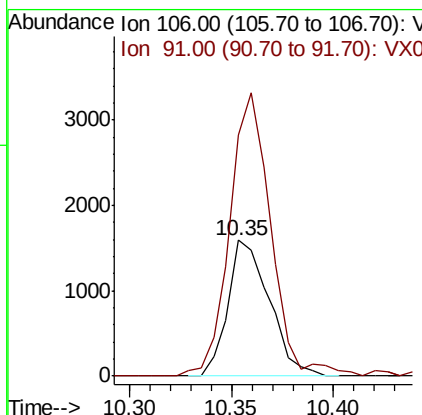
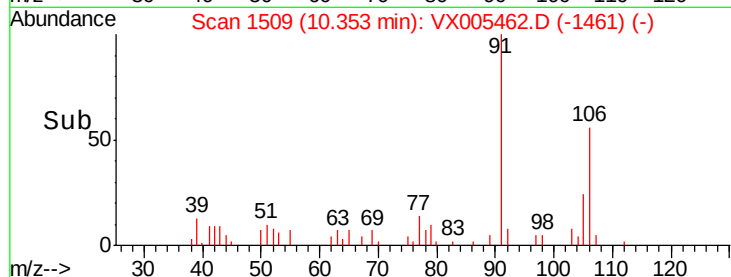
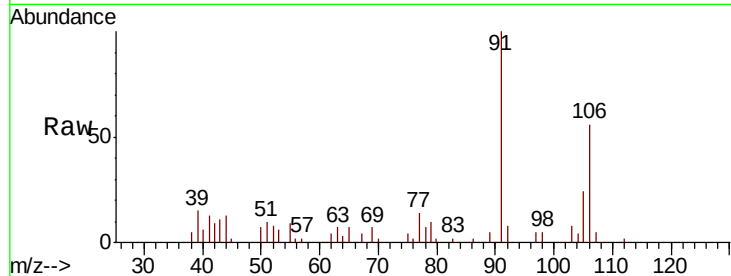




#68
m/p-Xylenes
Concen: 0.509 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

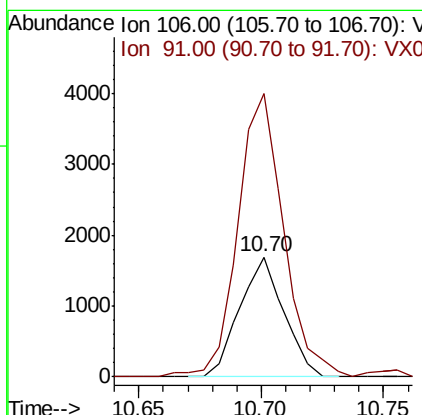
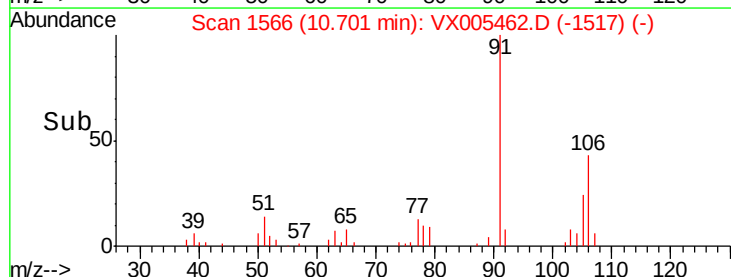
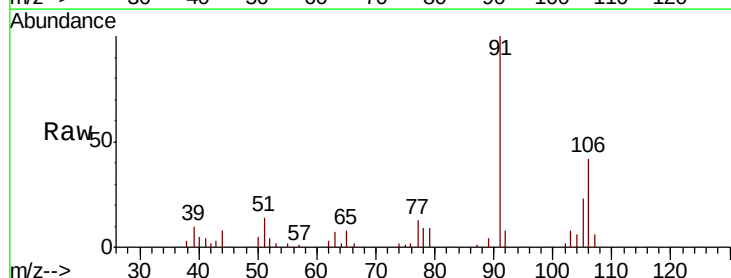
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

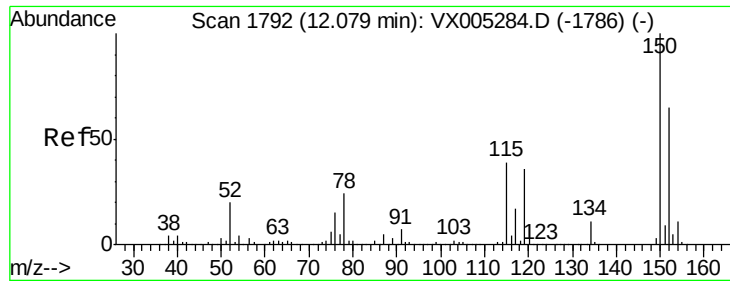
Tot Ion:106 Resp: 2242
Ion Ratio Lower Upper
106 100
91 207.0 157.1 235.7



#69
o-Xylene
Concen: 0.501 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:106 Resp: 2130
Ion Ratio Lower Upper
106 100
91 243.8 105.1 315.1



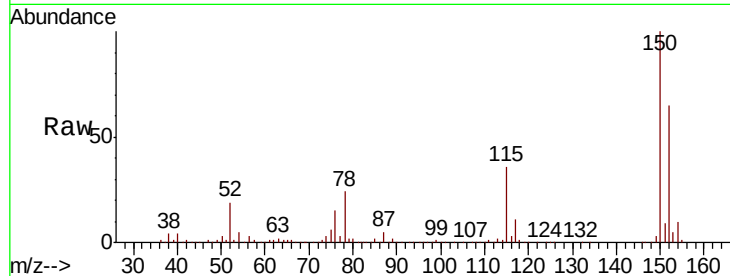


#72

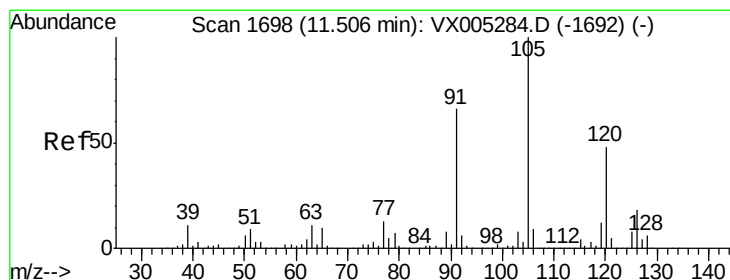
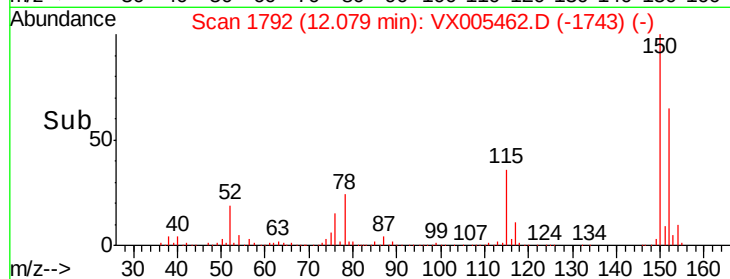
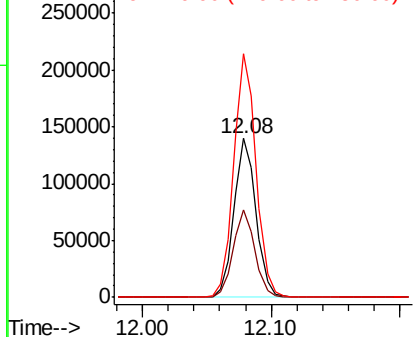
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

Tot Ion:152 Resp: 166560
Ion Ratio Lower Upper
152 100
115 54.9 39.0 117.0
150 155.2 0.0 351.0



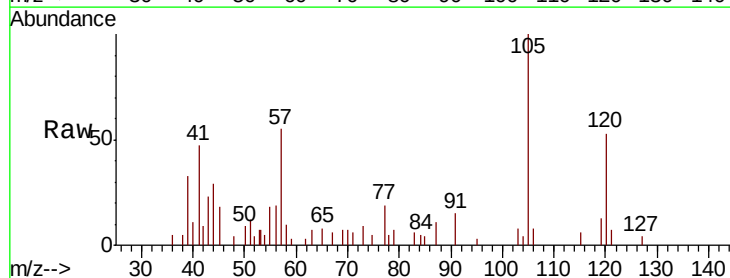
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



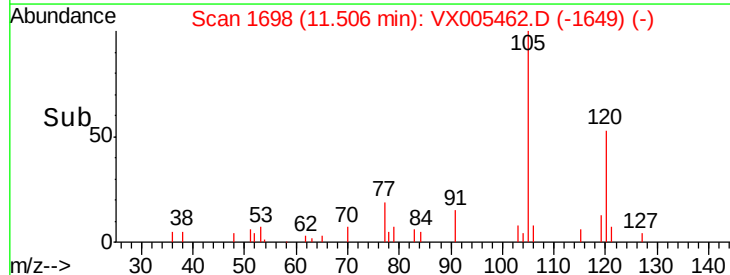
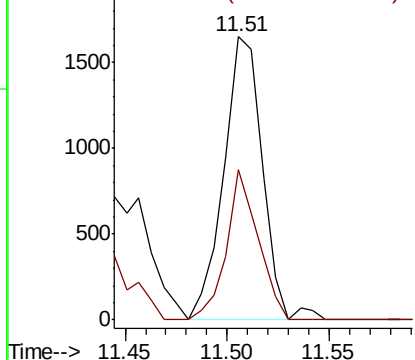
#80

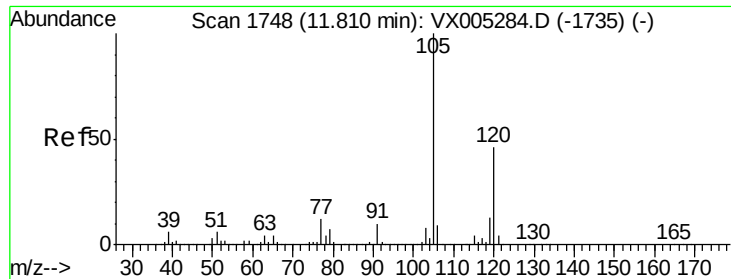
1,3,5-Trimethylbenzene
Concen: 0.256 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005462.D
Acq: 19 Oct 2018 17:00

Tgt Ion:105 Resp: 2170
Ion Ratio Lower Upper
105 100
120 43.4 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

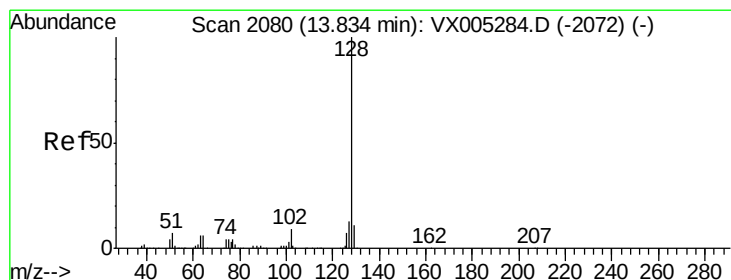
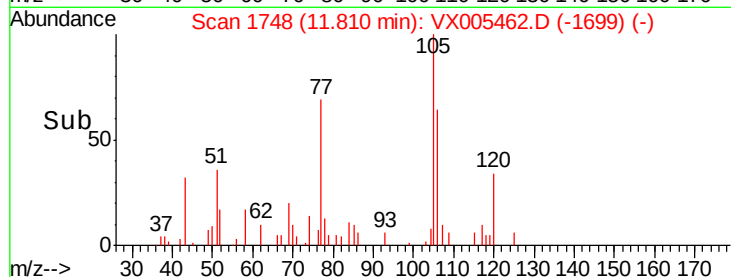
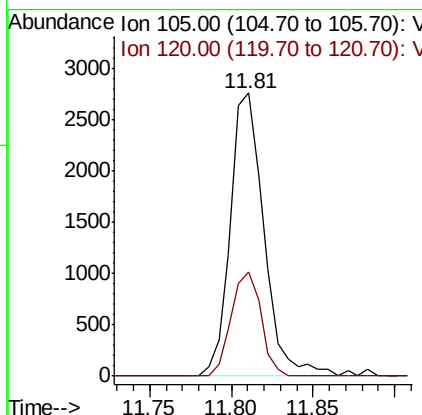
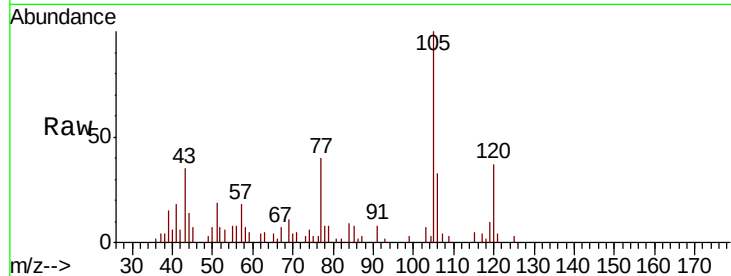




#84
 1,2,4-Trimethylbenzene
 Concen: 0.454 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005462.D
 Acq: 19 Oct 2018 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-29736-BOX-2

Tot Ion:105 Resp: 3961
 Ion Ratio Lower Upper
 105 100
 120 32.5 23.2 69.6



#95
 Naphthalene
 Concen: 0.708 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005462.D
 Acq: 19 Oct 2018 17:00

Tgt Ion:128 Resp: 8132
 Ion Ratio Lower Upper
 128 100
 127 16.2 10.2 15.2#
 129 14.3 8.6 12.8#

