

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX006009.D
 Acq On : 15 Nov 2018 07:39
 Operator : JC/MD
 Sample : J5915-07
 Misc : 5.00g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-7

Quant Time: Nov 15 09:49:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	141787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	213308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	77587	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	5.51	113	64600	44.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.06%	
50) Toluene-d8	8.71	98	237183	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	87138	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

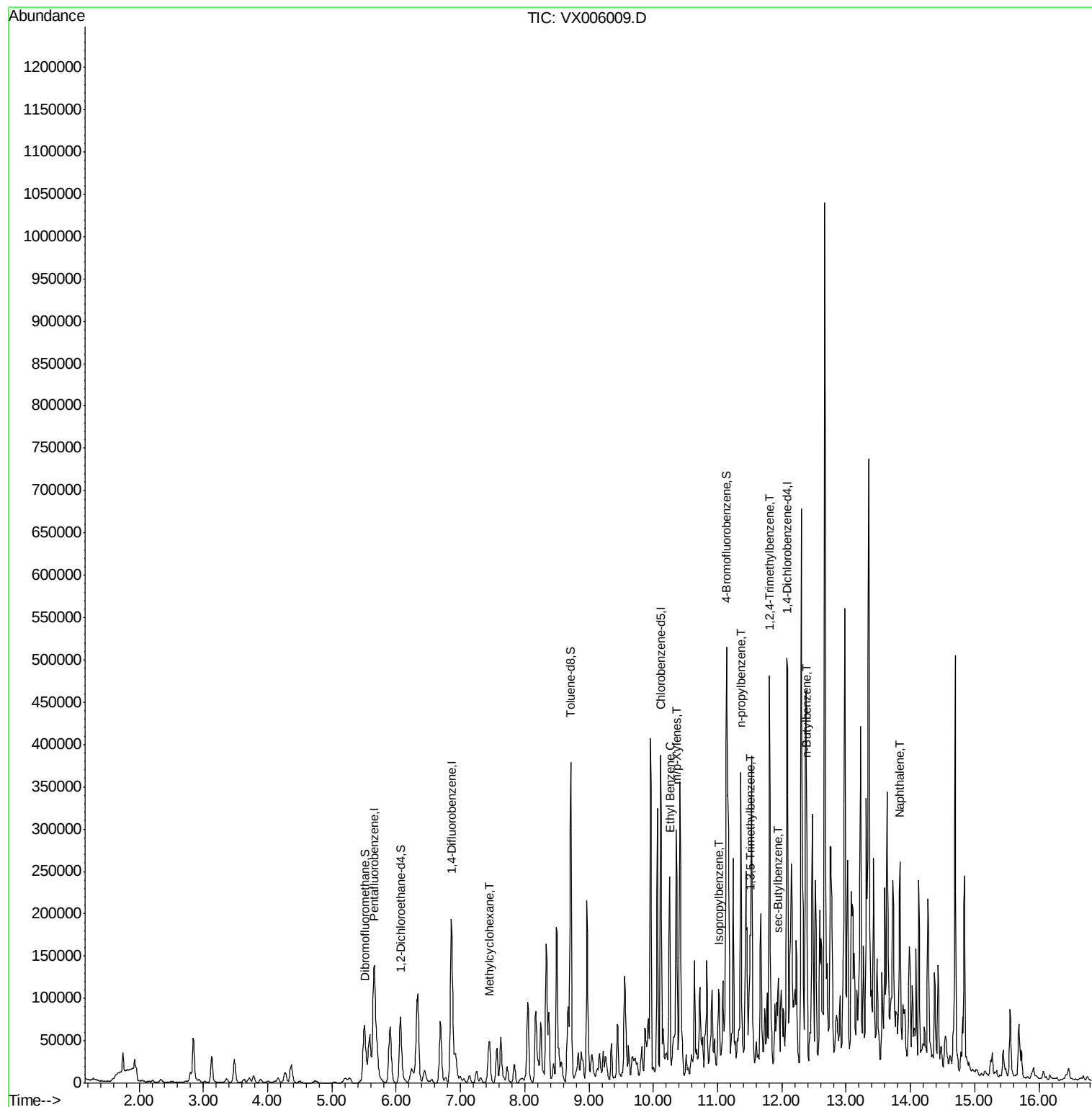
Target Compounds						Qvalue
39) Methylcyclohexane	7.45	83	19765	9.48	ug/l	92
67) Ethyl Benzene	10.26	91	106948	18.68	ug/l	99
68) m/p-Xylenes	10.36	106	62221	28.49	ug/l	99
73) Isopropylbenzene	11.02	105	40264	7.41	ug/l	99
78) n-propylbenzene	11.36	91	211340	33.00	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	57989	12.56	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	181506	35.58	ug/l	99
85) sec-Butylbenzene	11.95	105	35486	6.21	ug/l	92
89) n-Butylbenzene	12.39	91	116013	24.74	ug/l #	62
95) Naphthalene	13.83	128	138402	21.17	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006009.D

Acq: 15 Nov 2018 07:39

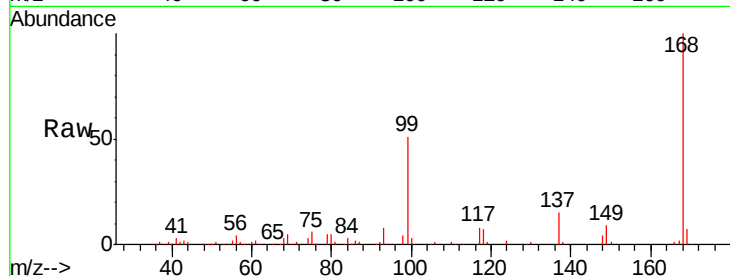
Instrument :
MSVOA_X
ClientSampled :
T-7

Tgt Ion:168 Resp: 141787

Ion Ratio Lower Upper

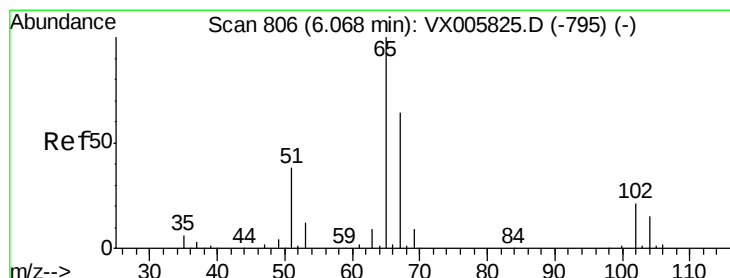
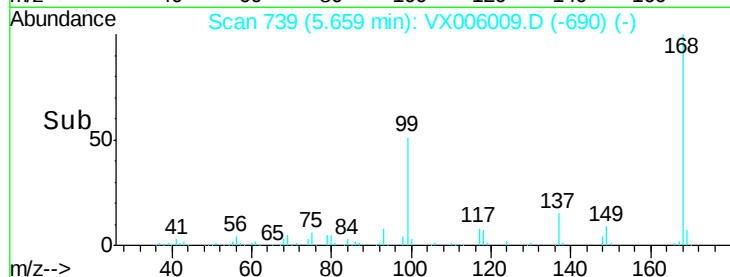
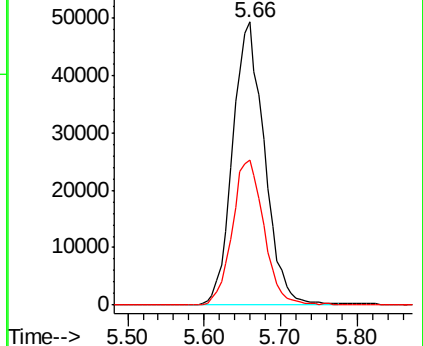
168 100

99 51.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.60 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006009.D

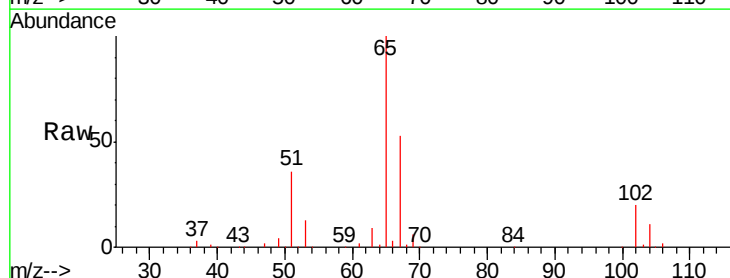
Acq: 15 Nov 2018 07:39

Tgt Ion: 65 Resp: 77587

Ion Ratio Lower Upper

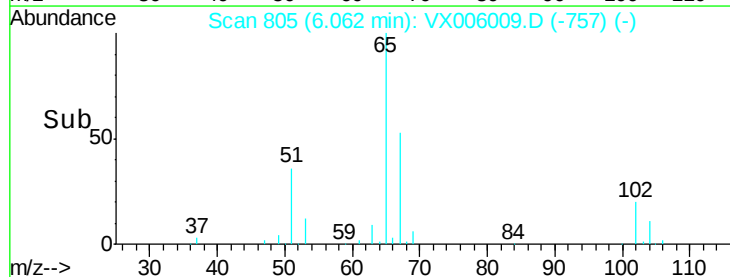
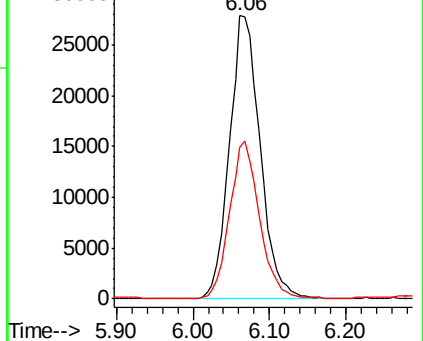
65 100

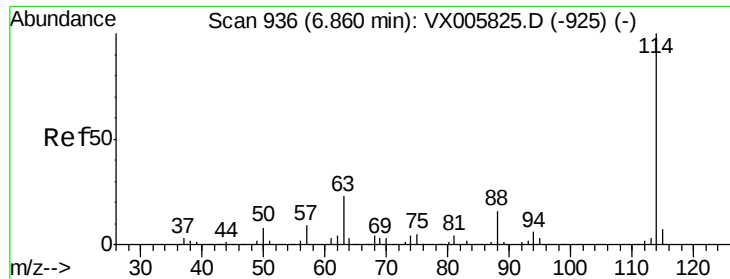
67 54.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

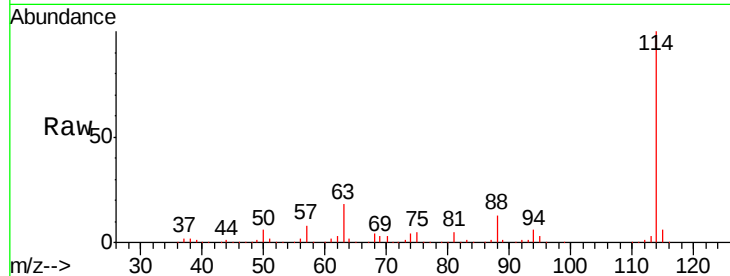




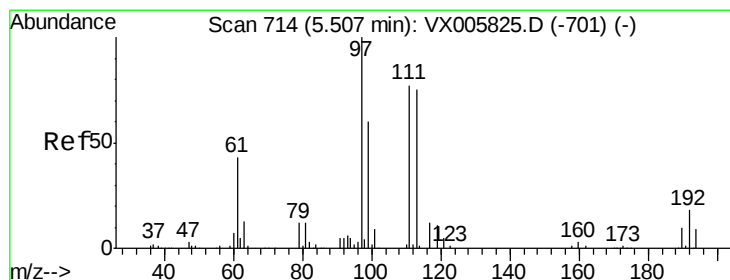
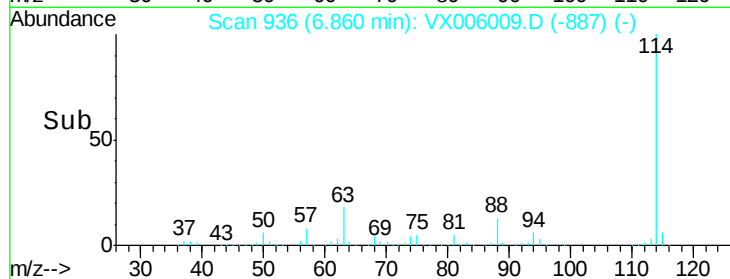
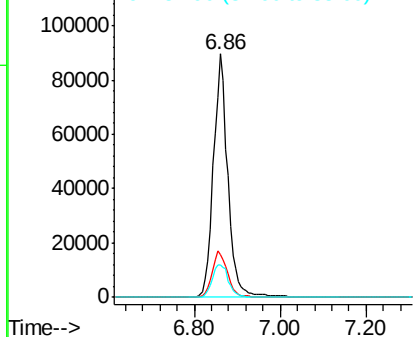
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006009.D
 Acq: 15 Nov 2018 07:39

Instrument :
 MSVOA_X
 ClientSampleId :
 T-7

Tgt Ion:114 Resp: 213308
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 42.8
 88 13.1 0.0 31.2

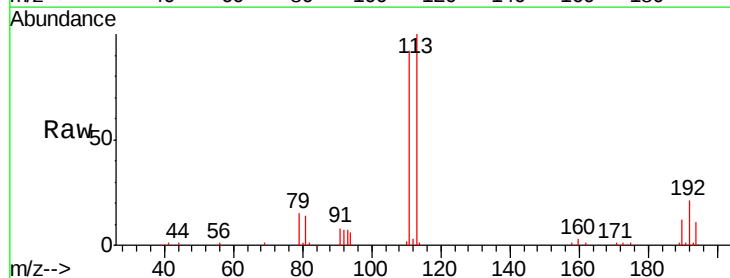


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

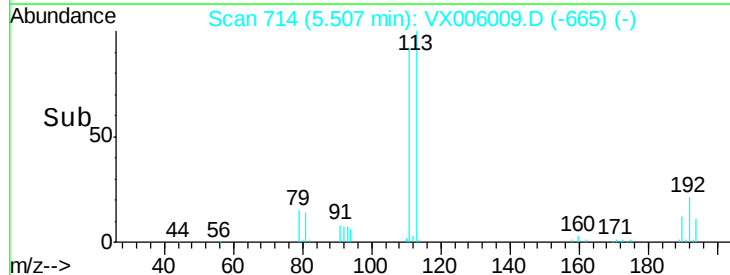
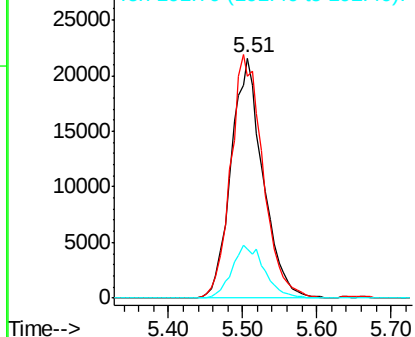


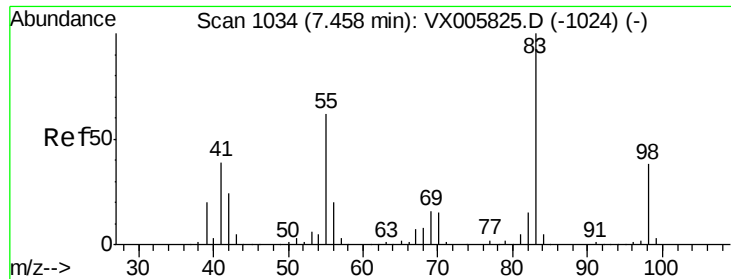
#35
 Dibromofluoromethane
 Concen: 44.53 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006009.D
 Acq: 15 Nov 2018 07:39

Tgt Ion:113 Resp: 64600
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.3 123.5
 192 22.4 17.9 26.9



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

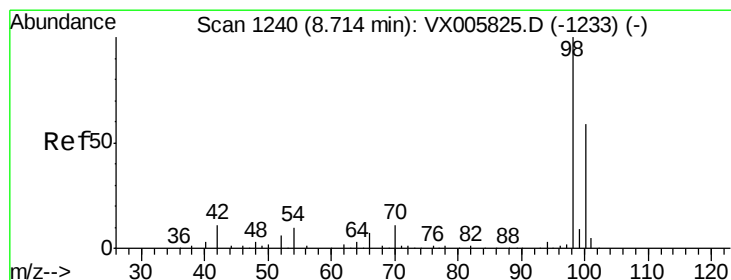
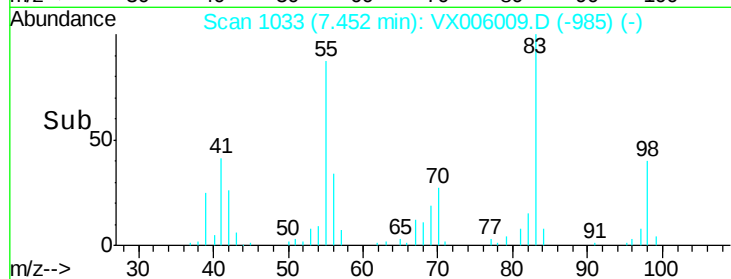
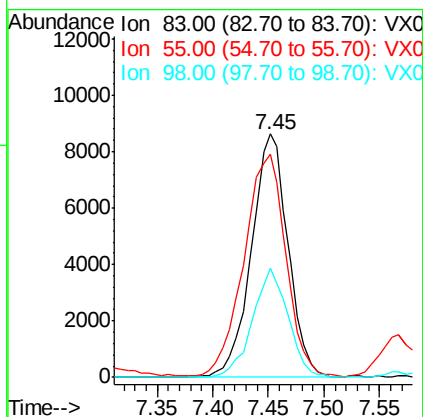
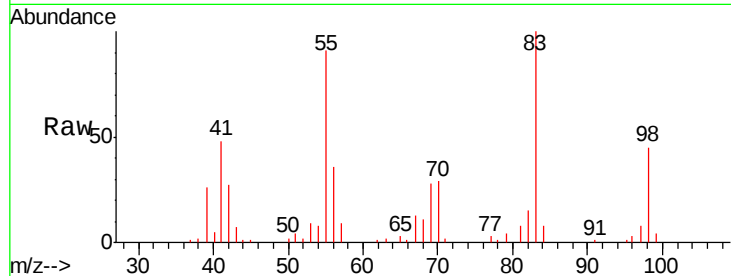




#39
Methylcyclohexane
Concen: 9.48 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

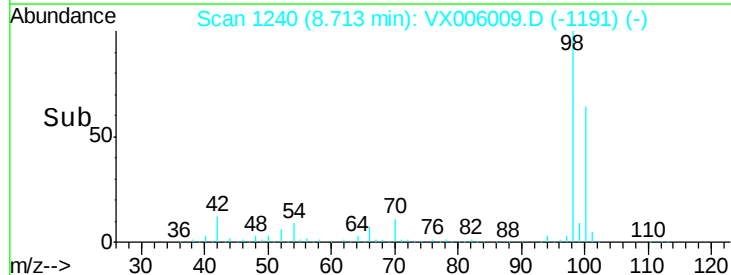
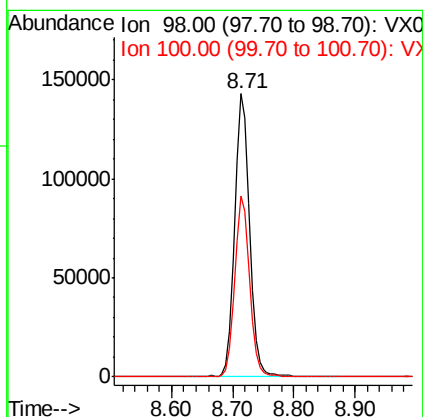
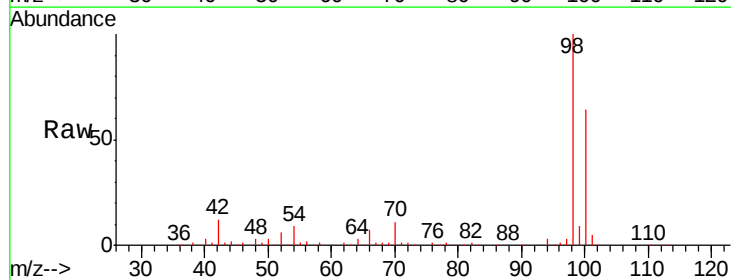
Instrument :
MSVOA_X
ClientSampleId :
T-7

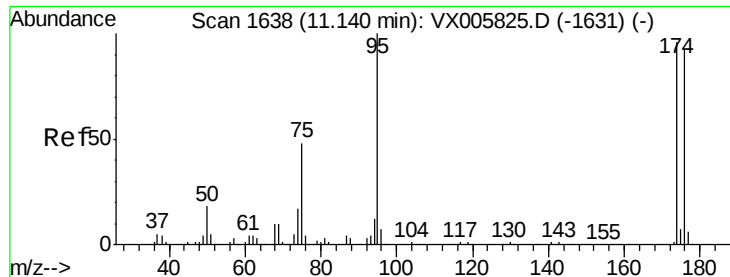
Tgt Ion: 83 Resp: 19765
Ion Ratio Lower Upper
83 100
55 90.9 63.7 95.5
98 44.7 36.2 54.2



#50
Toluene-d8
Concen: 49.17 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

Tgt Ion: 98 Resp: 237183
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 50.25 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006009.D

Acq: 15 Nov 2018 07:39

Instrument :

MSVOA_X

ClientSampled :

T-7

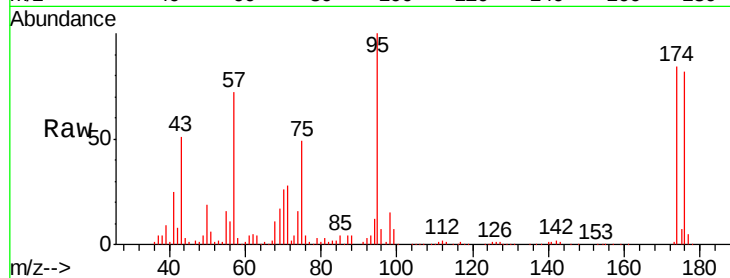
Tgt Ion: 95 Resp: 87138

Ion Ratio Lower Upper

95 100

174 86.8 0.0 184.4

176 85.9 0.0 177.4

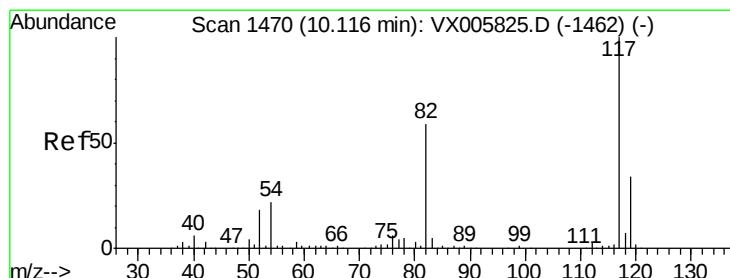
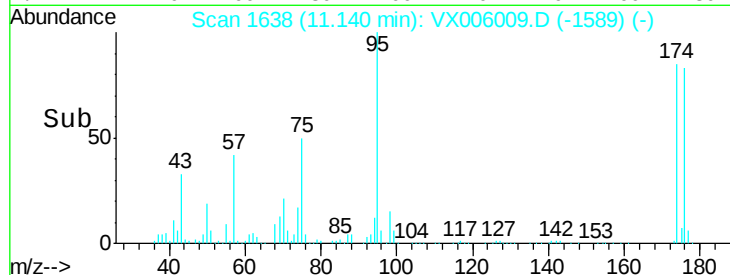


Abundance Ion 94.90 (94.60 to 95.60): VX006009.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006009.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006009.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006009.D

Acq: 15 Nov 2018 07:39

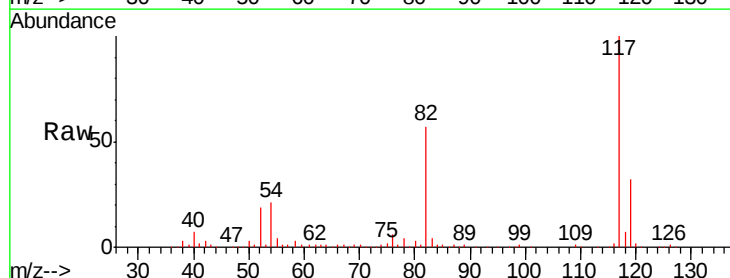
Tgt Ion: 117 Resp: 178264

Ion Ratio Lower Upper

117 100

82 56.3 44.1 66.1

119 32.0 26.2 39.2

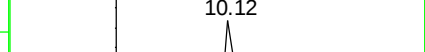
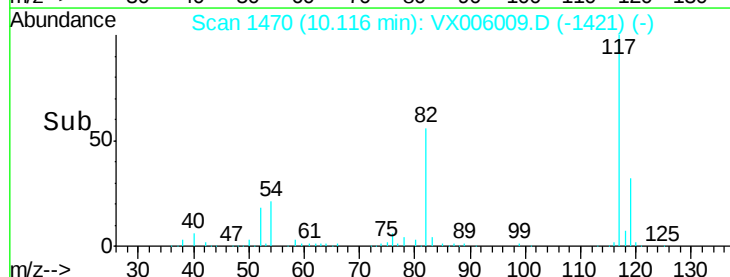


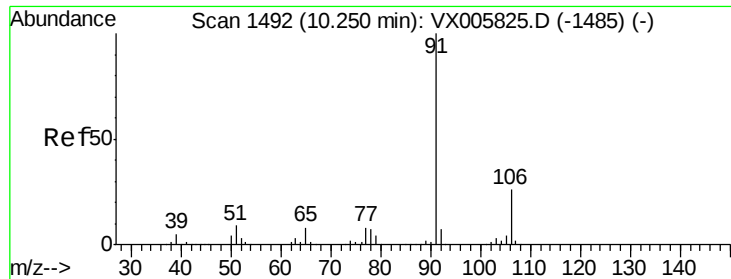
Abundance Ion 116.90 (116.60 to 117.60): VX006009.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006009.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006009.D (-1421) (-)

Time-->

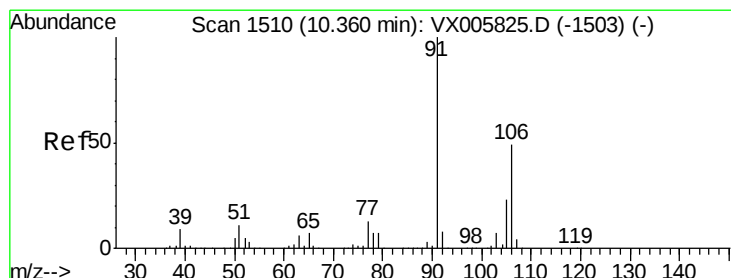
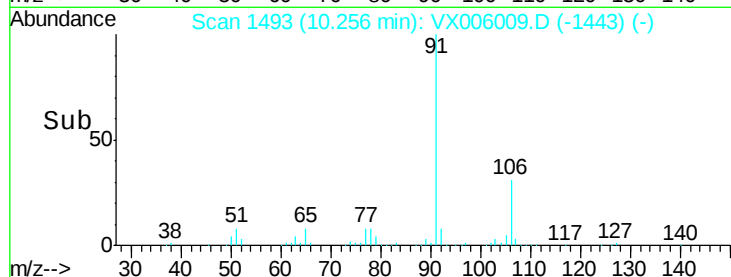
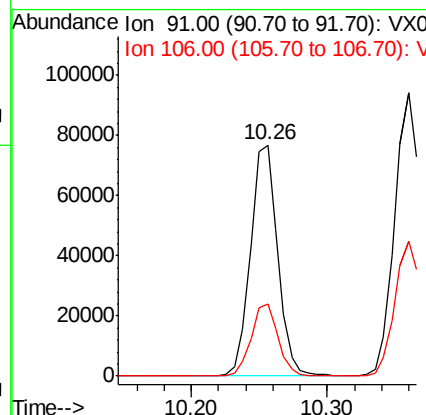
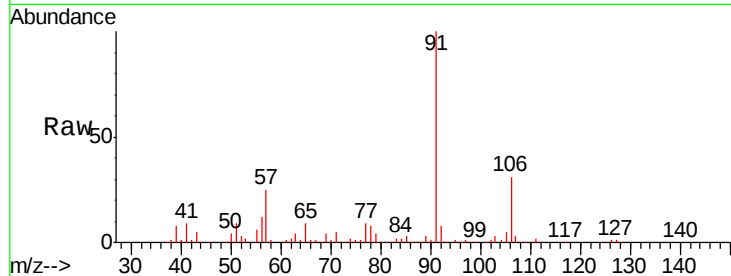




#67
Ethyl Benzene
Concen: 18.68 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

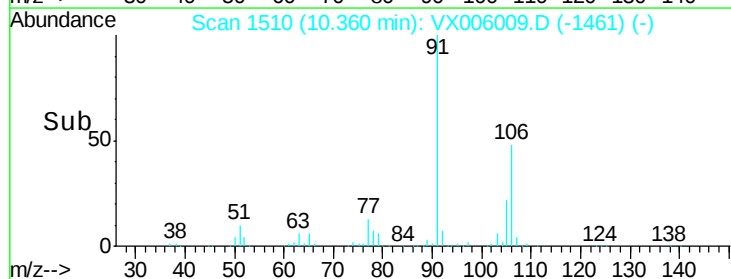
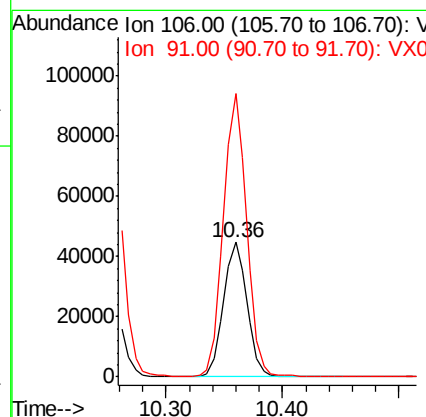
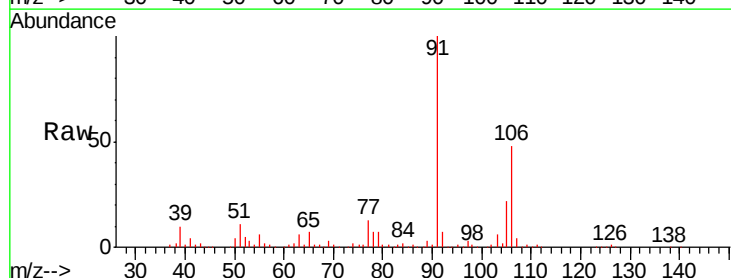
Instrument :
MSVOA_X
ClientSampled :
T-7

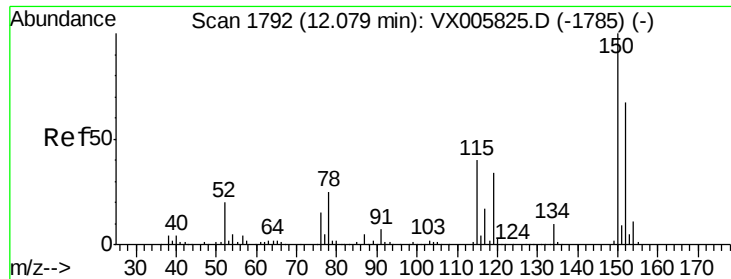
Tgt Ion: 91 Resp: 106948
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6



#68
m/p-Xylenes
Concen: 28.49 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

Tgt Ion: 106 Resp: 62221
Ion Ratio Lower Upper
106 100
91 206.8 164.2 246.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006009.D

Acq: 15 Nov 2018 07:39

Instrument :

MSVOA_X

ClientSampleId :

T-7

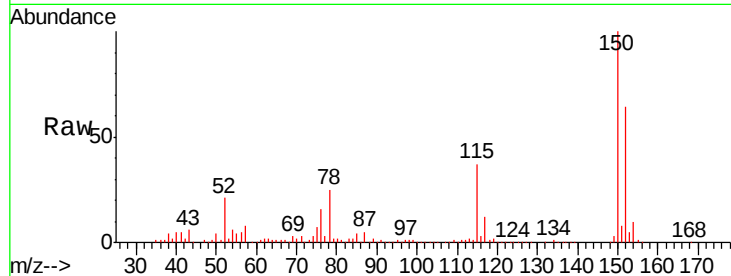
Tgt Ion:152 Resp: 93962

Ion Ratio Lower Upper

152 100

115 56.4 39.4 118.1

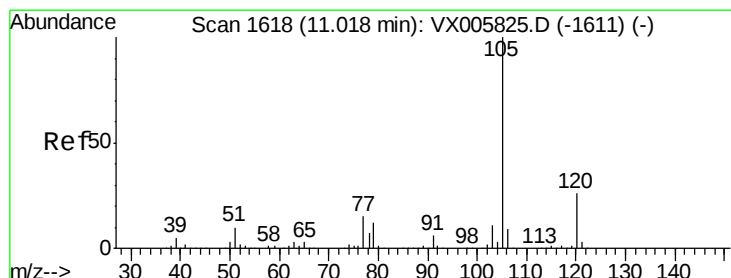
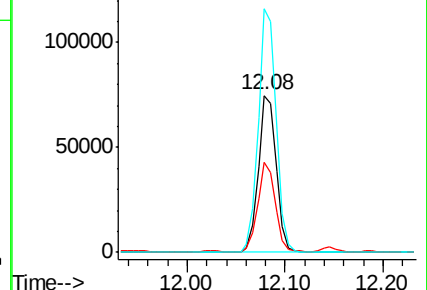
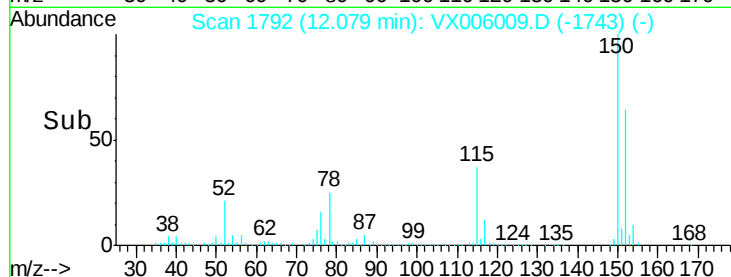
150 155.2 0.0 346.4



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



#73

Isopropylbenzene

Concen: 7.41 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006009.D

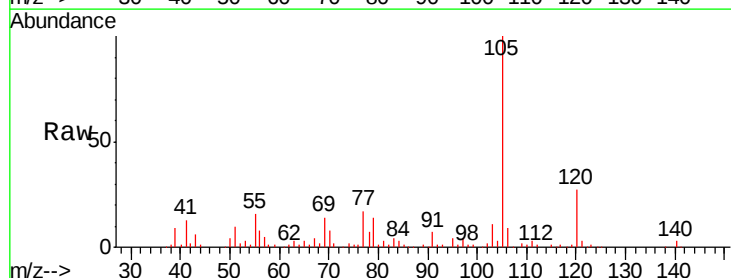
Acq: 15 Nov 2018 07:39

Tgt Ion:105 Resp: 40264

Ion Ratio Lower Upper

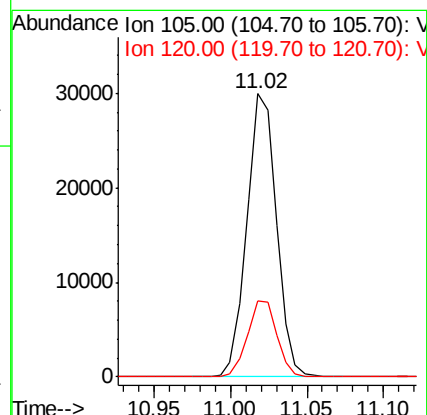
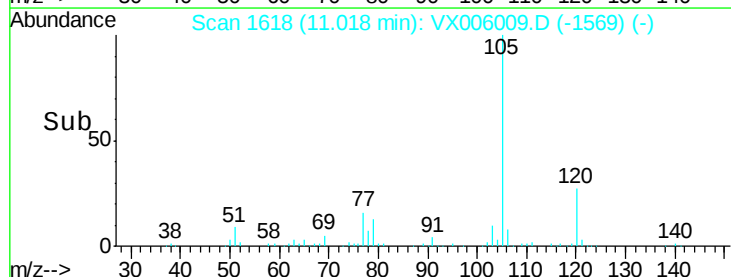
105 100

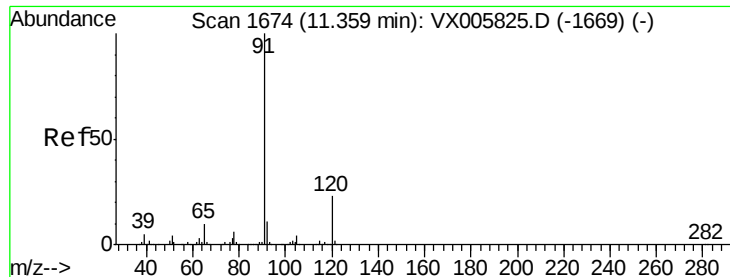
120 26.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

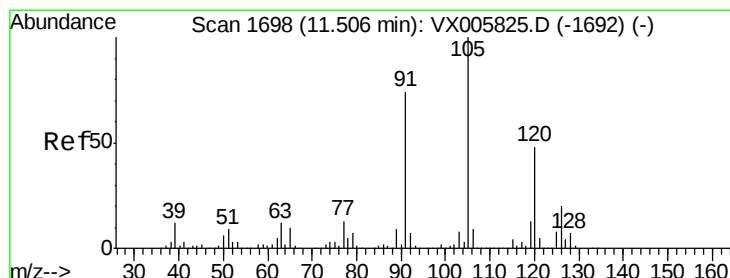
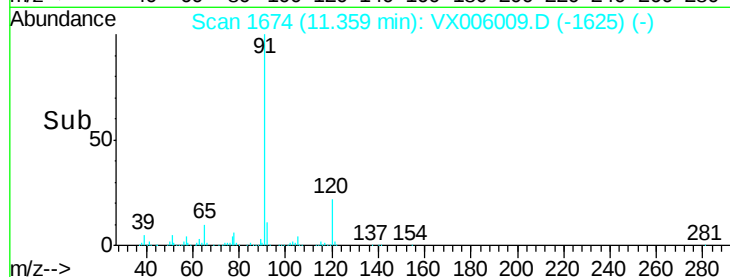
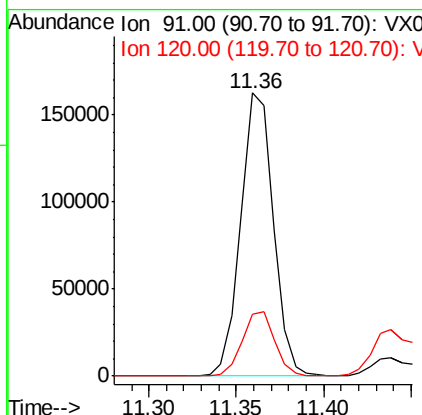
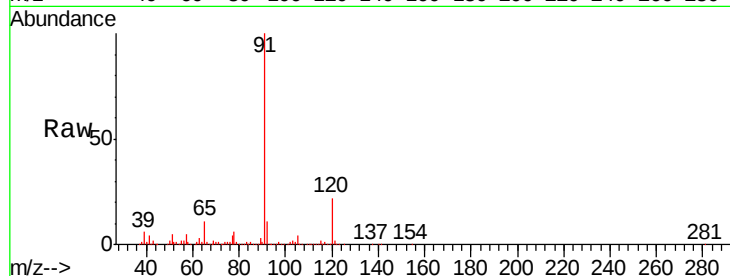




#78
n-propylbenzene
Concen: 33.00 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

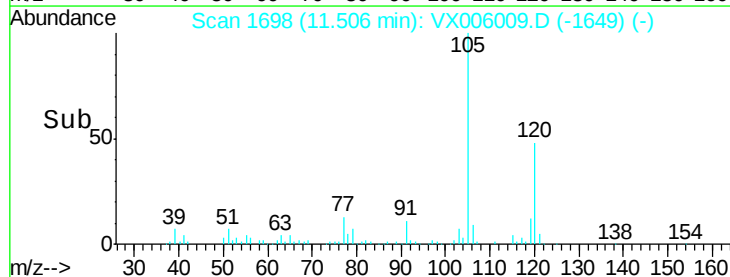
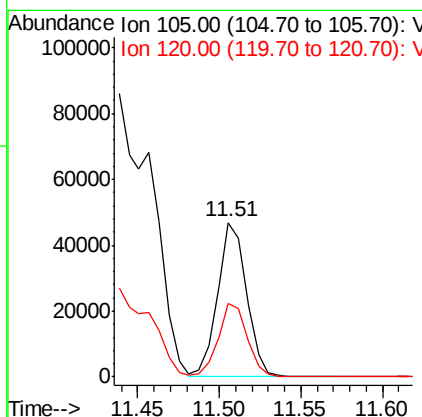
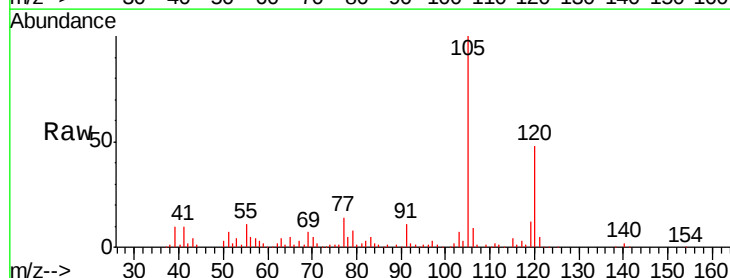
Instrument :
MSVOA_X
ClientSampled :
T-7

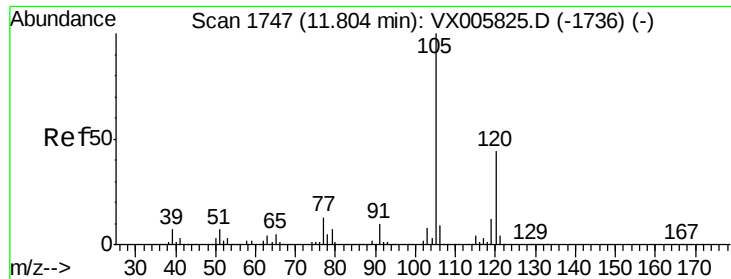
Tgt Ion: 91 Resp: 211340
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 12.56 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

Tgt Ion: 105 Resp: 57989
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2





#84

1,2,4-Trimethylbenzene

Concen: 35.58 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX006009.D

Acq: 15 Nov 2018 07:39

Instrument :

MSVOA_X

ClientSampleId :

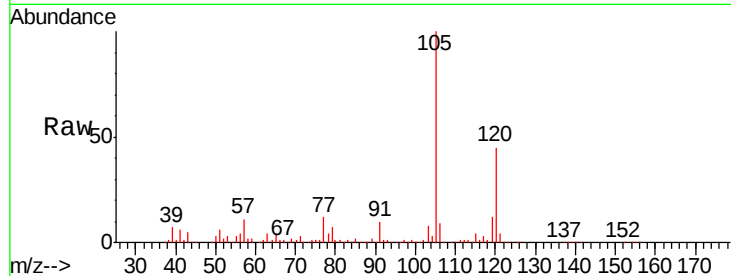
T-7

Tgt Ion:105 Resp: 181506

Ion Ratio Lower Upper

105 100

120 45.5 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

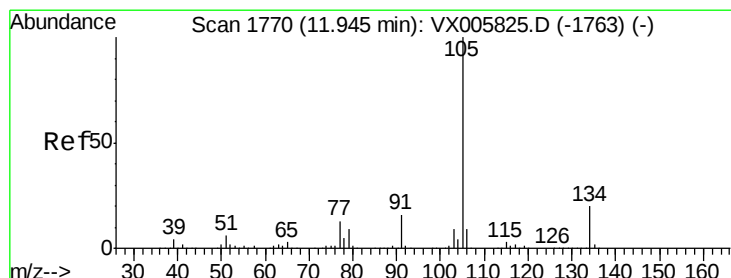
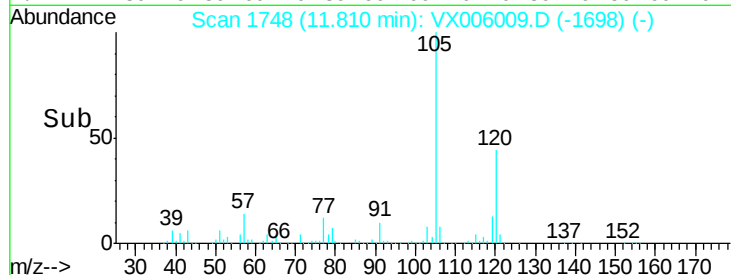
150000

110000

50000

0

Time--> 11.70 11.80 11.90



#85

sec-Butylbenzene

Concen: 6.21 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX006009.D

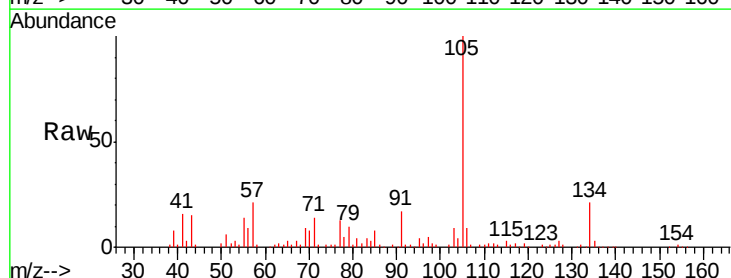
Acq: 15 Nov 2018 07:39

Tgt Ion:105 Resp: 35486

Ion Ratio Lower Upper

105 100

134 16.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

30000

25000

20000

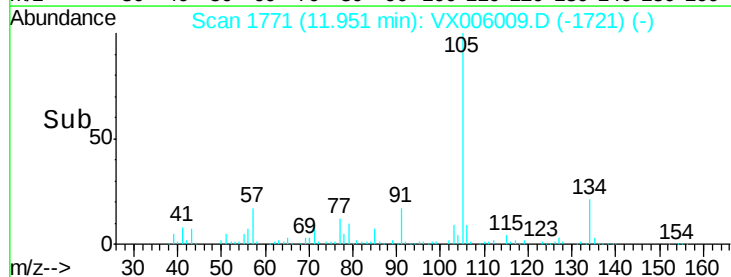
15000

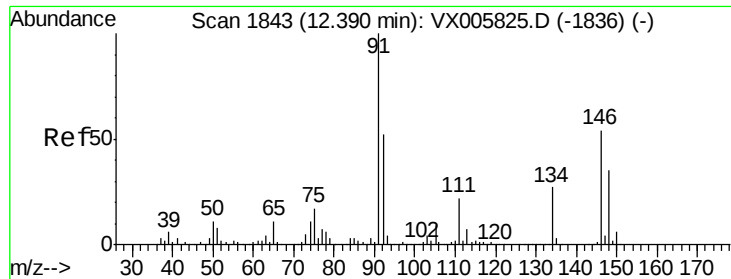
10000

5000

0

Time--> 11.85 11.90 11.95 12.00

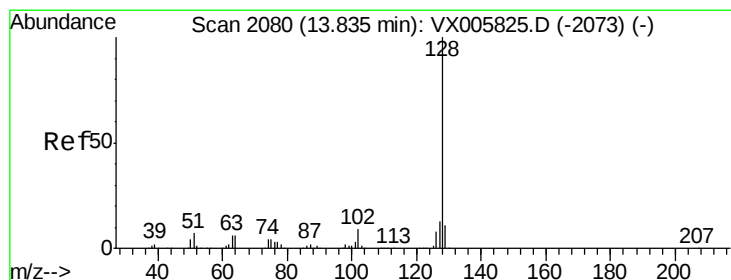
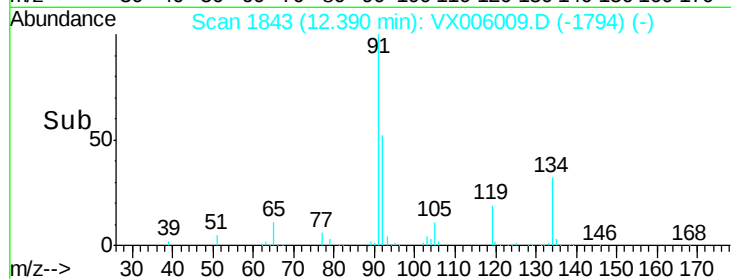
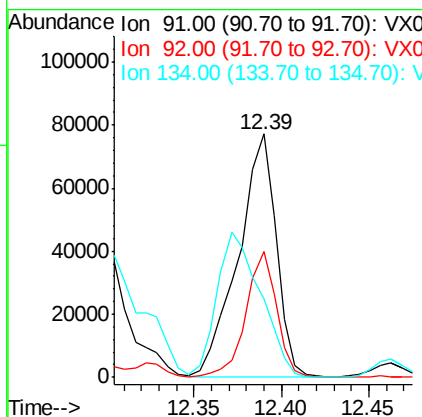
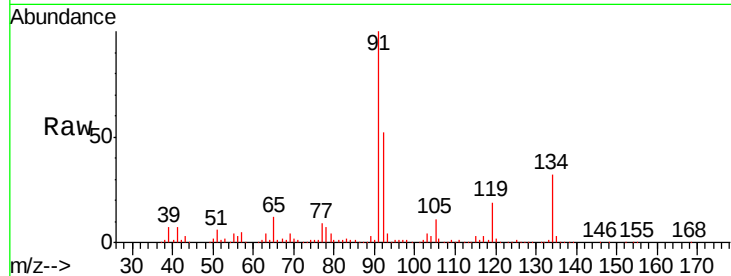




#89
n-Butylbenzene
Concen: 24.74 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

Instrument :
MSVOA_X
ClientSampled :
T-7

Tgt Ion: 91 Resp: 116013
Ion Ratio Lower Upper
91 100
92 42.0 26.1 78.2
134 69.1 13.1 39.3#



#95
Naphthalene
Concen: 21.17 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006009.D
Acq: 15 Nov 2018 07:39

Tgt Ion: 128 Resp: 138402
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 12.0 8.7 13.1

