

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111918\
 Data File : VX006090.D
 Acq On : 19 Nov 2018 14:47
 Operator : JC/MD
 Sample : J5975-01
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB44949

Quant Time: Nov 20 11:36:21 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	5.67	168	136107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	198517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	164908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90950	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	75503	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.51	113	64079	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	209509	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
62) 4-Bromofluorobenzene	11.14	95	82813	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

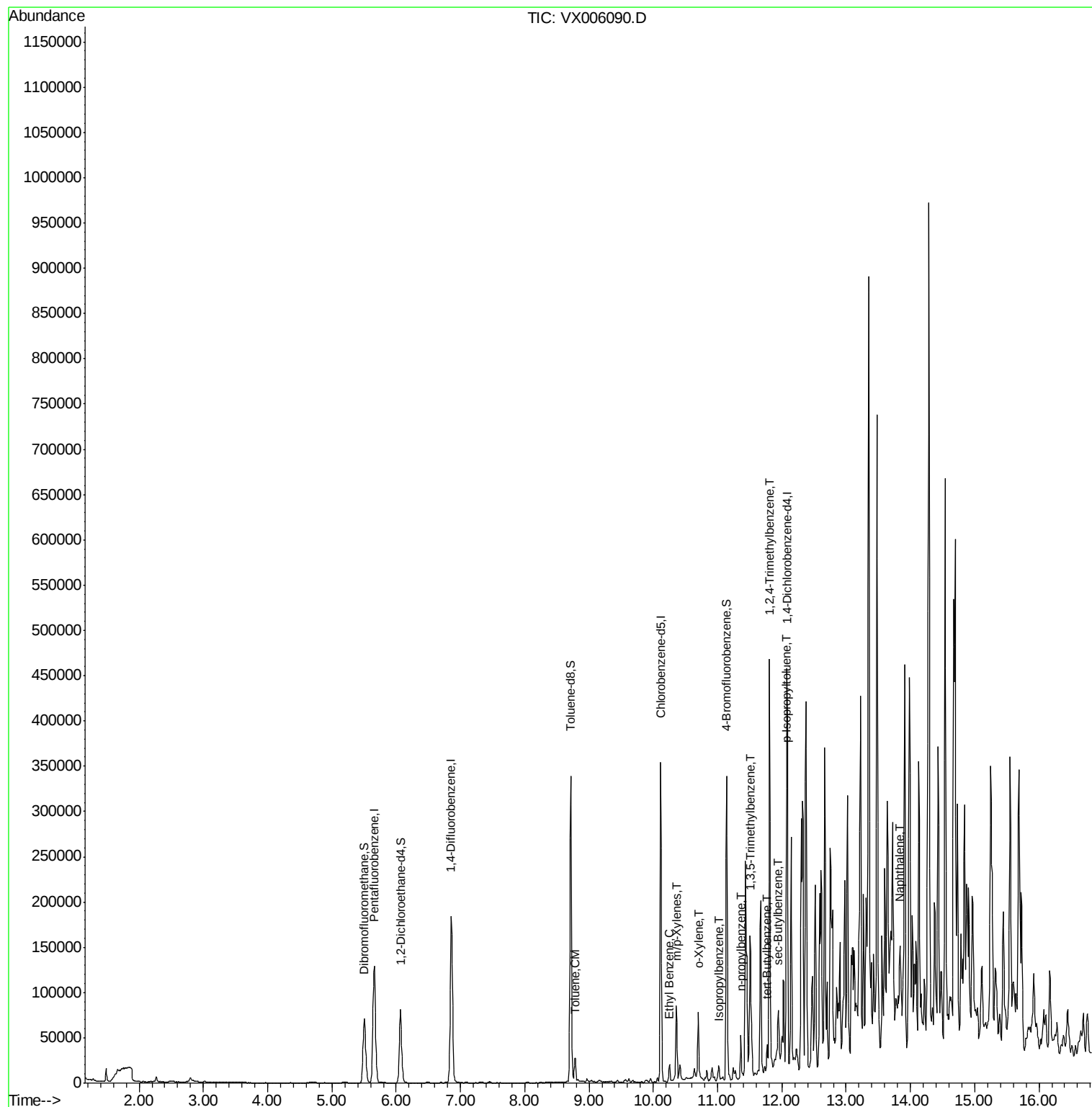
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
52) Toluene	8.79	92	9768	3.13	ug/l	100
67) Ethyl Benzene	10.25	91	11102	2.10	ug/l	99
68) m/p-Xylenes	10.36	106	19124	9.46	ug/l	99
69) o-Xylene	10.70	106	15401	8.50	ug/l	98
73) Isopropylbenzene	11.02	105	7865	1.50	ug/l	97
78) n-propylbenzene	11.36	91	29780	4.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	64955	14.53	ug/l	99
83) tert-Butylbenzene	11.77	119	5926	1.31	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	196500	39.81	ug/l	98
85) sec-Butylbenzene	11.94	105	24135	4.36	ug/l	87
86) p-Isopropyltoluene	12.07	119	20918	4.27	ug/l	99
95) Naphthalene	13.83	128	70591	11.71	ug/l #	94

(#) = 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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

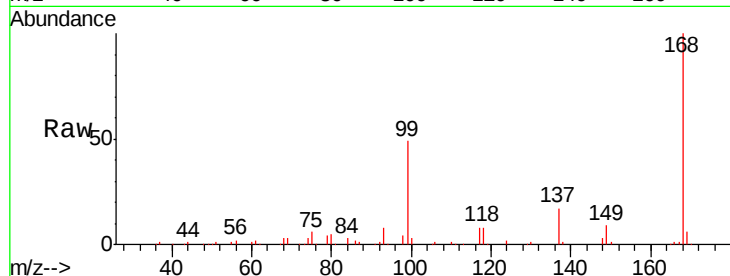
VB44949

Tgt Ion:168 Resp: 136107

Ion Ratio Lower Upper

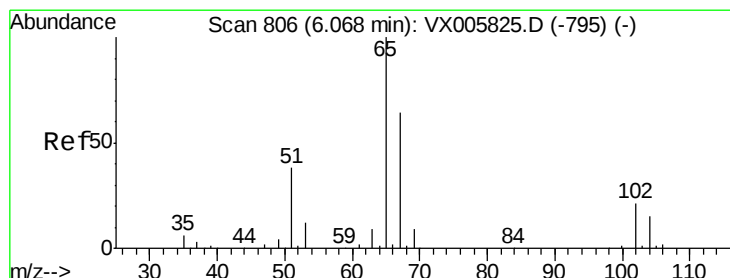
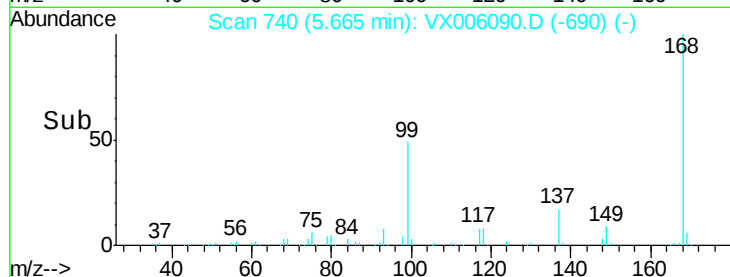
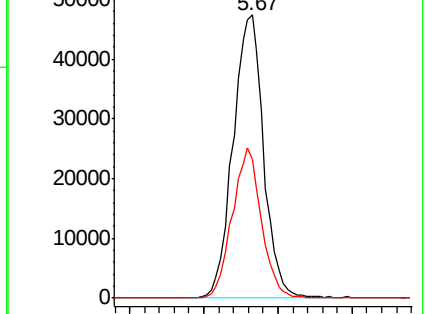
168 100

99 49.1 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: 48.25 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006090.D

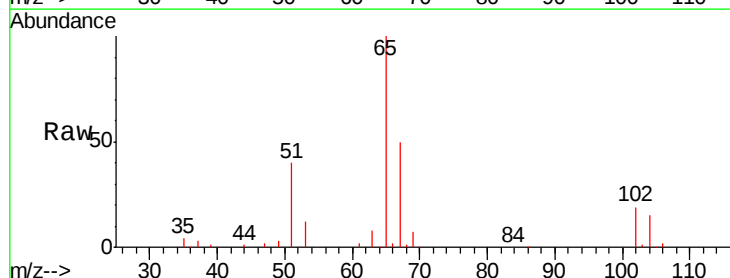
Acq: 19 Nov 2018 14:47

Tgt Ion: 65 Resp: 75503

Ion Ratio Lower Upper

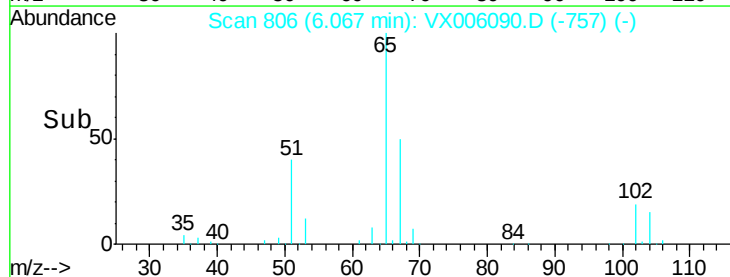
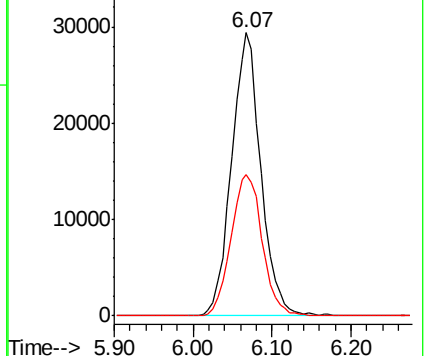
65 100

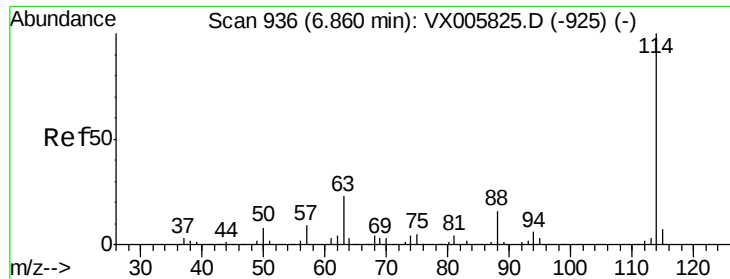
67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

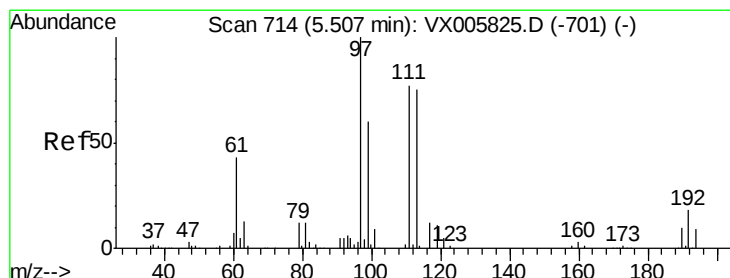
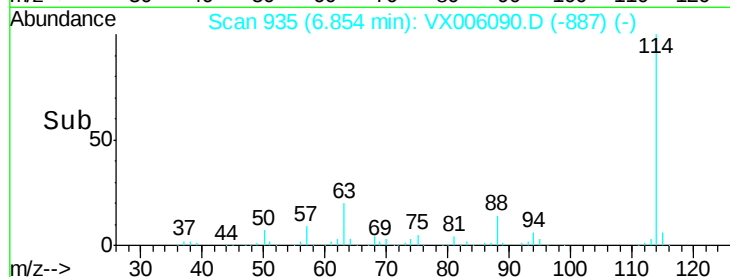
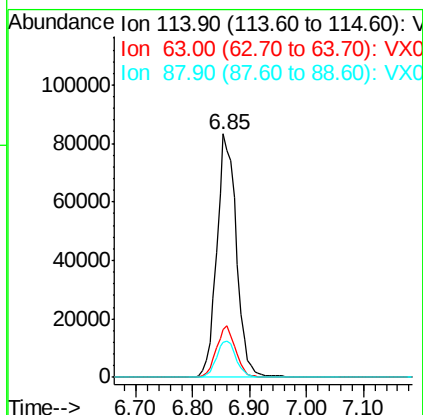
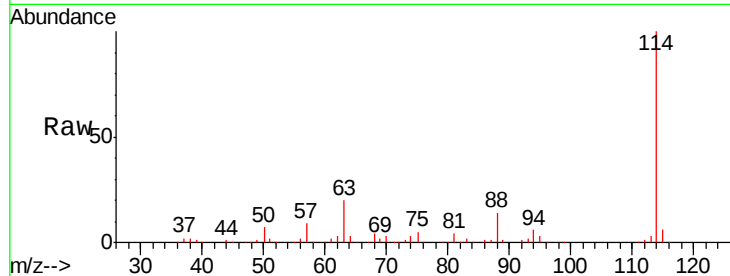




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

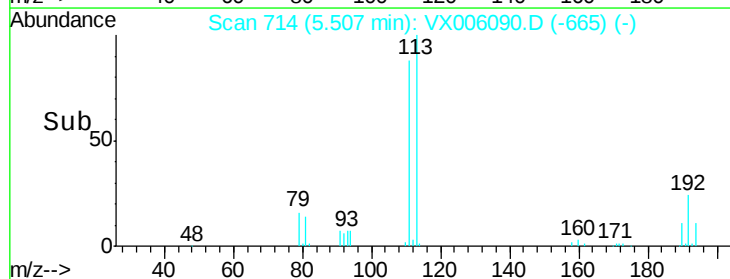
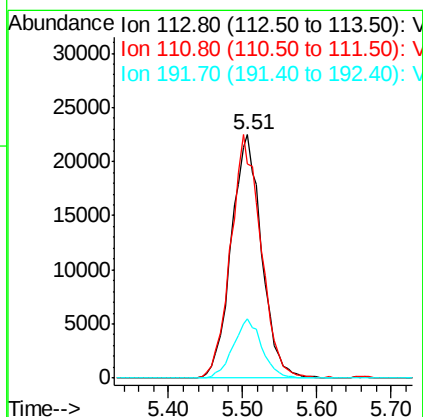
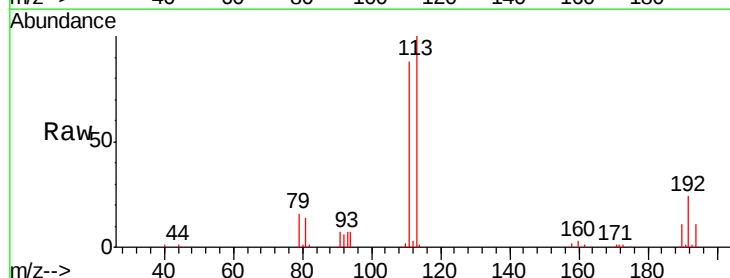
Instrument :
MSVOA_X
ClientSampled :
VB44949

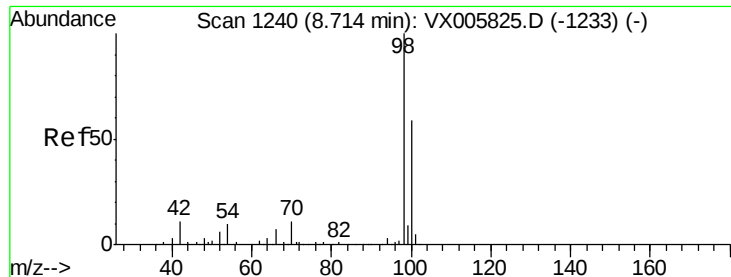
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.8
88	14.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 47.46 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	82.3	123.5
192	23.2	17.9	26.9

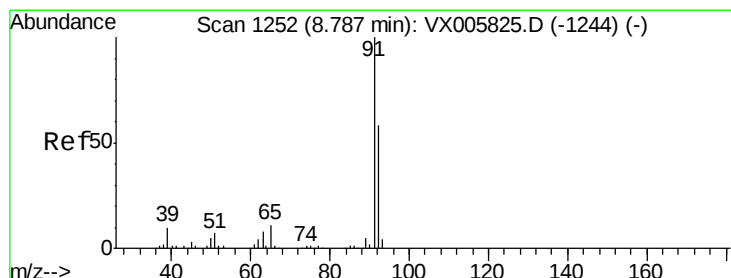
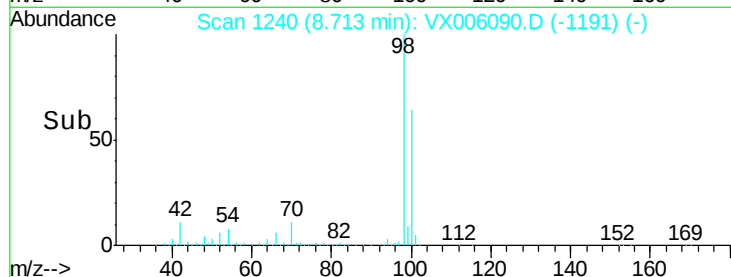
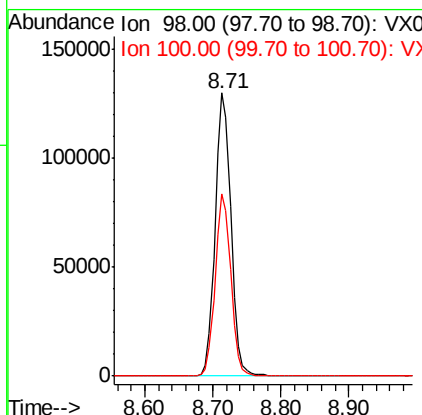
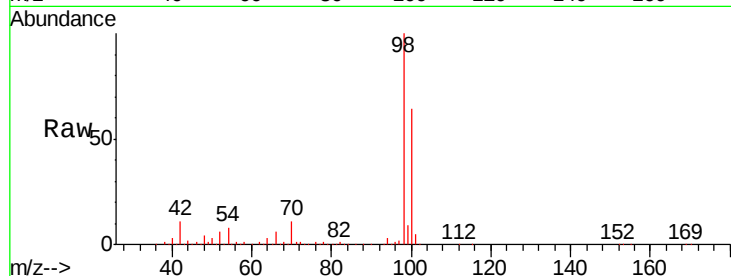




#50
Toluene-d8
Concen: 46.67 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

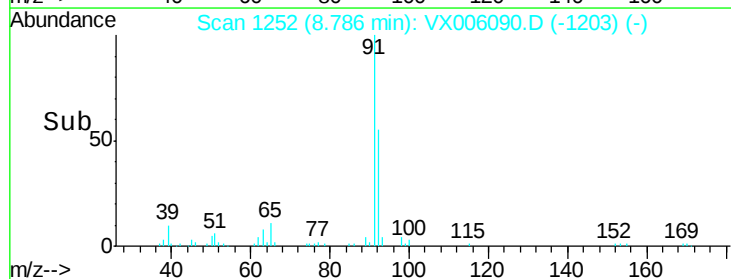
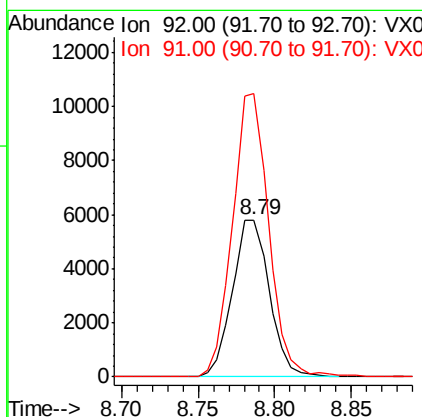
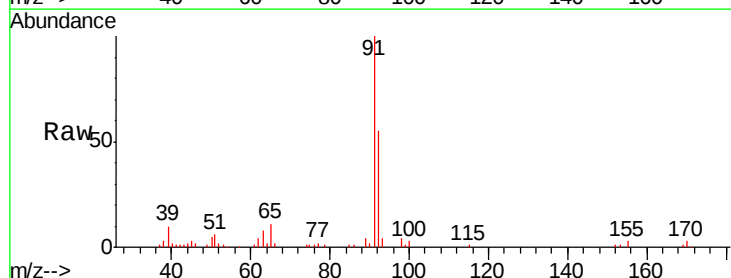
Instrument :
MSVOA_X
ClientSampled :
VB44949

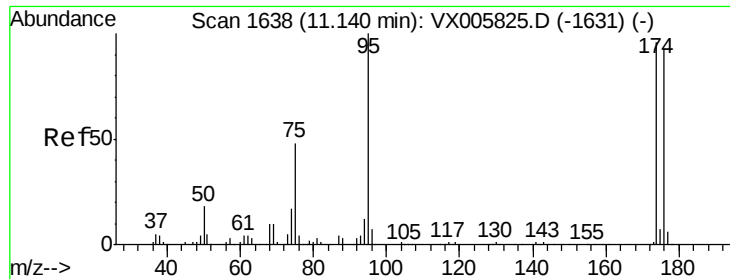
Tgt Ion: 98 Resp: 209509
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



#52
Toluene
Concen: 3.13 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 92 Resp: 9768
Ion Ratio Lower Upper
92 100
91 176.0 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 51.31 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

VB44949

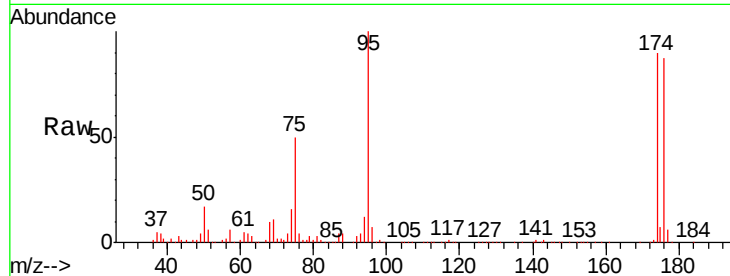
Tgt Ion: 95 Resp: 82813

Ion Ratio Lower Upper

95 100

174 90.8 0.0 184.4

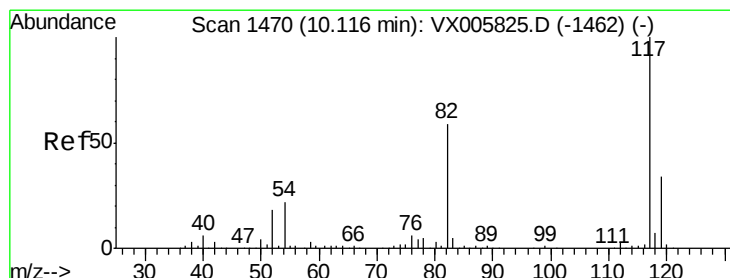
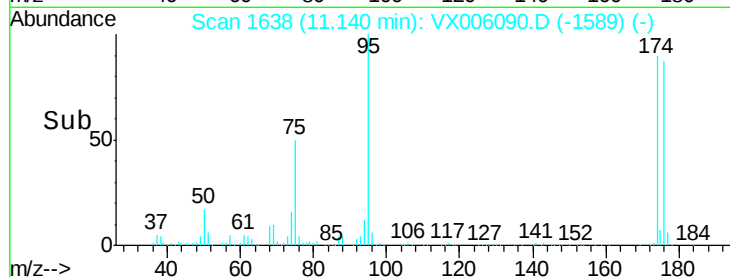
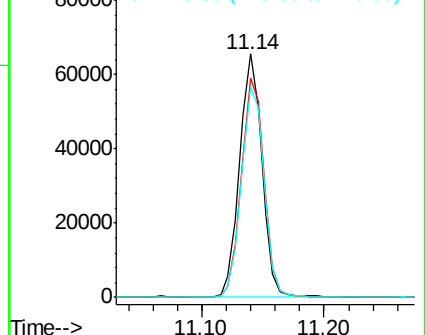
176 87.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

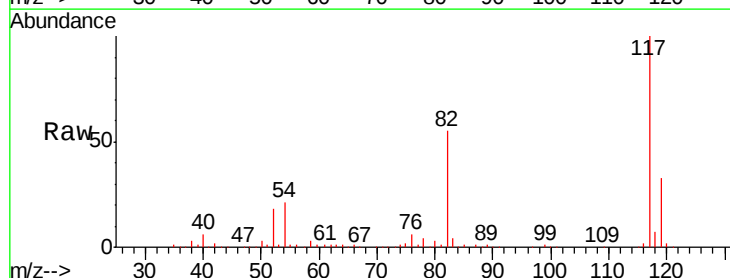
Tgt Ion: 117 Resp: 164908

Ion Ratio Lower Upper

117 100

82 55.1 44.1 66.1

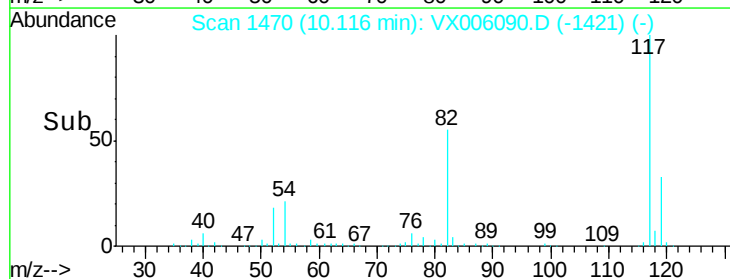
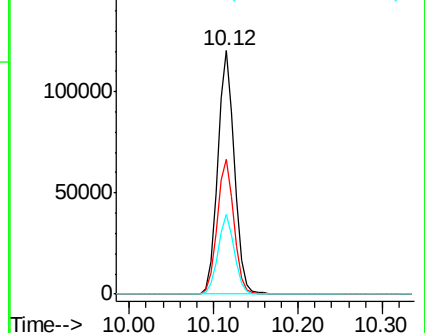
119 32.6 26.2 39.2

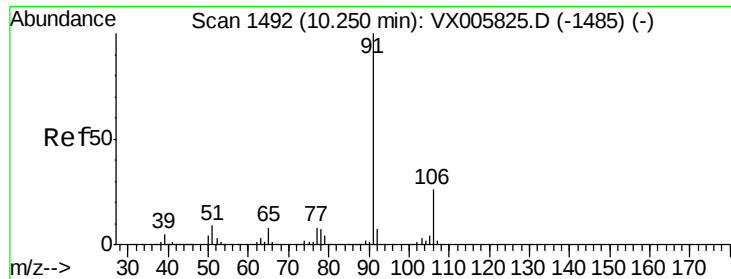


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

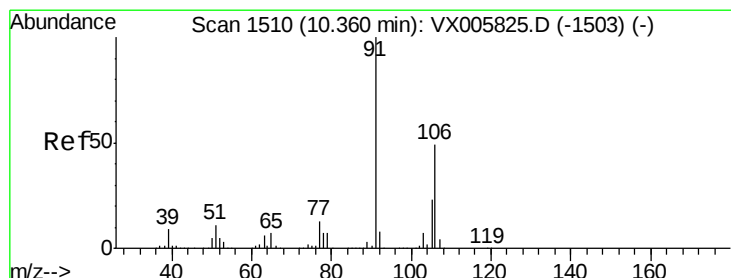
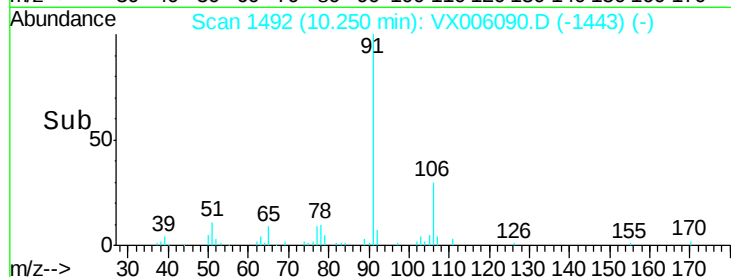
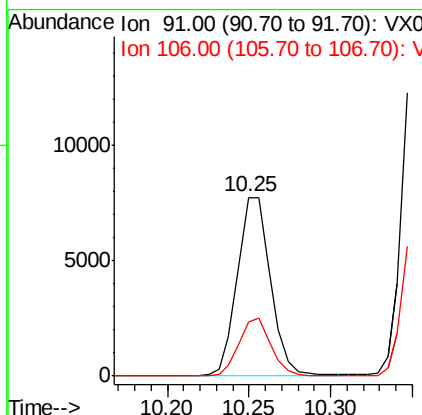
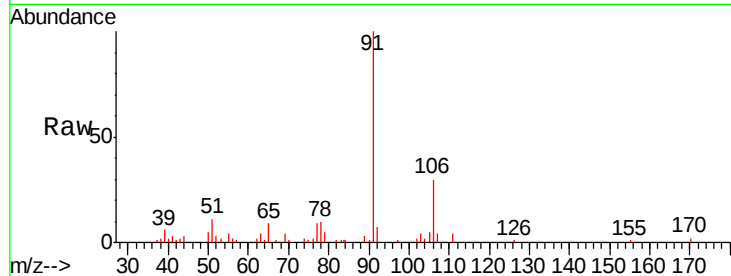




#67
Ethyl Benzene
Concen: 2.10 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

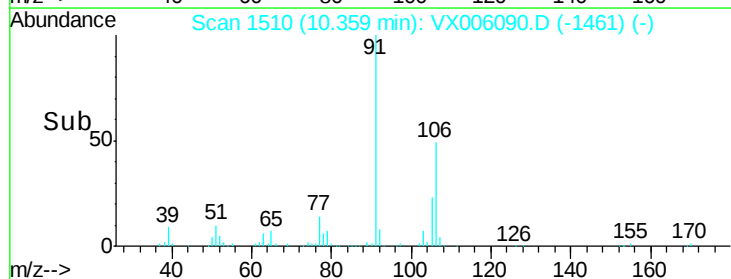
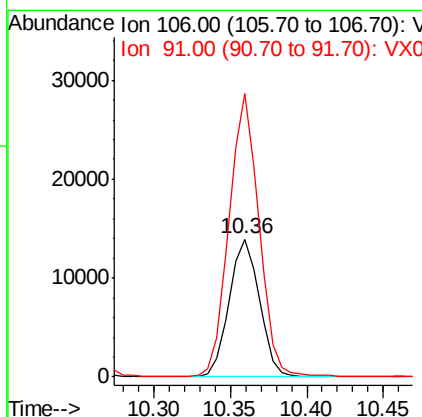
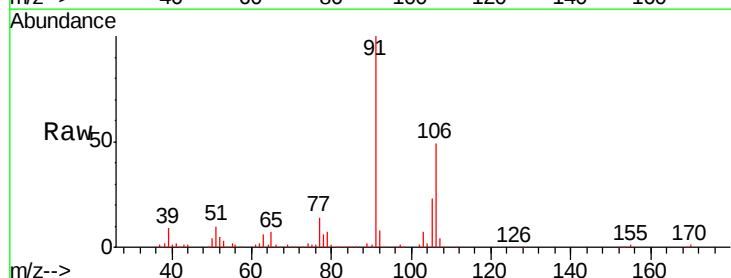
Instrument :
MSVOA_X
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VB44949

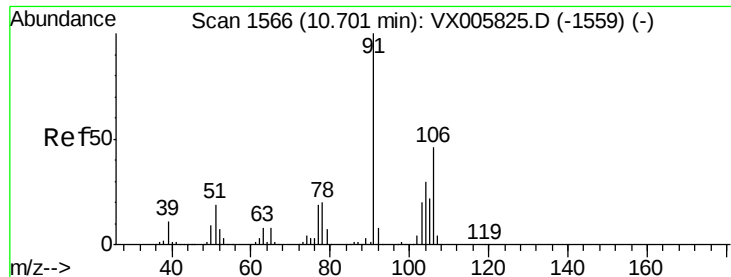
Tgt Ion: 91 Resp: 11102
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 9.46 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion: 106 Resp: 19124
Ion Ratio Lower Upper
106 100
91 203.1 164.2 246.4

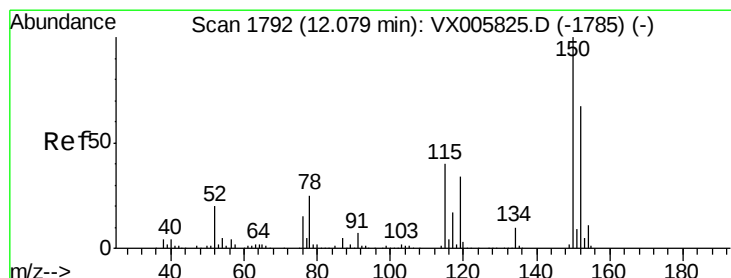
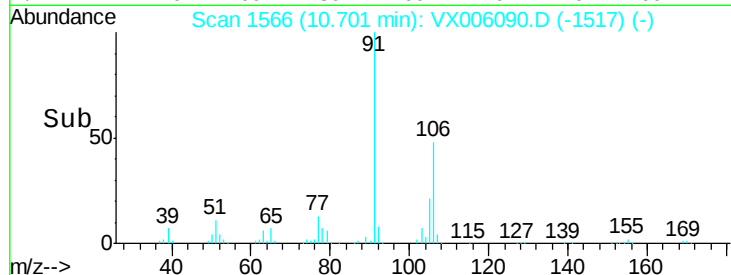
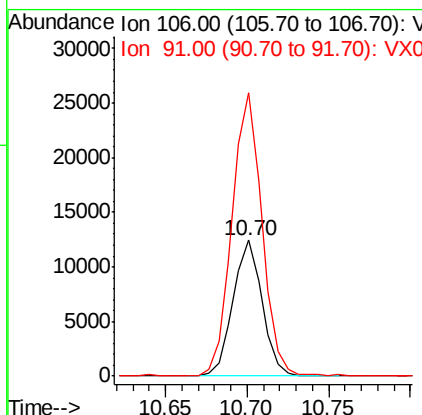
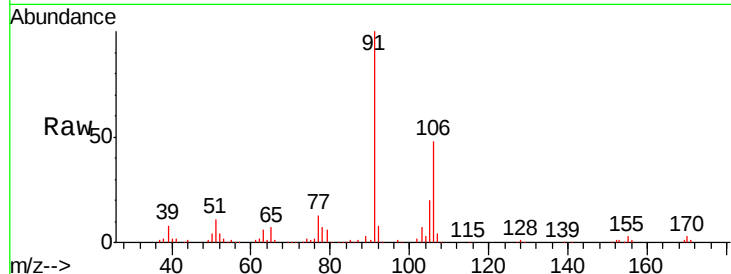




#69
o-Xylene
Concen: 8.50 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

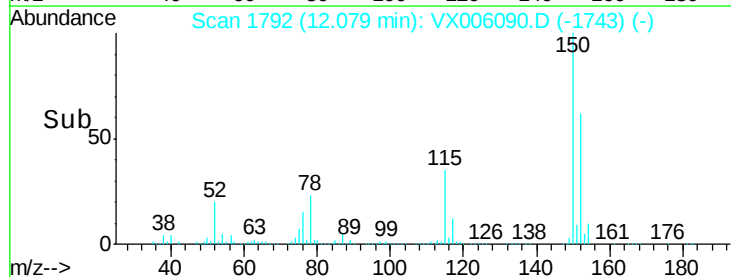
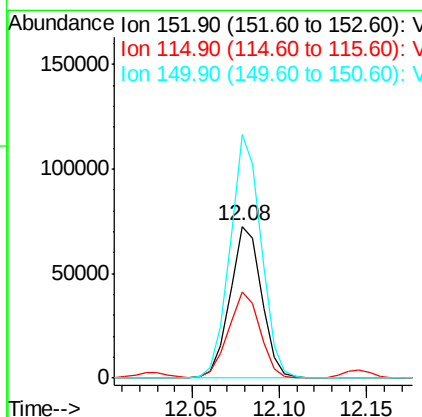
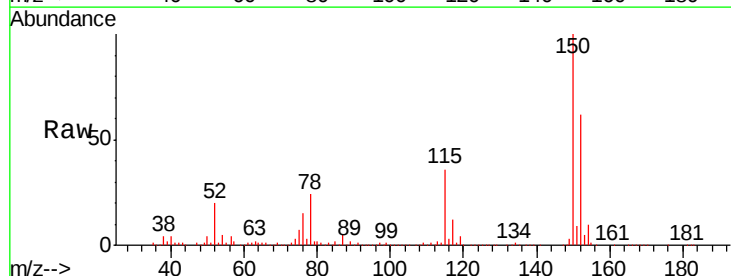
Instrument :
MSVOA_X
ClientSampled :
VB44949

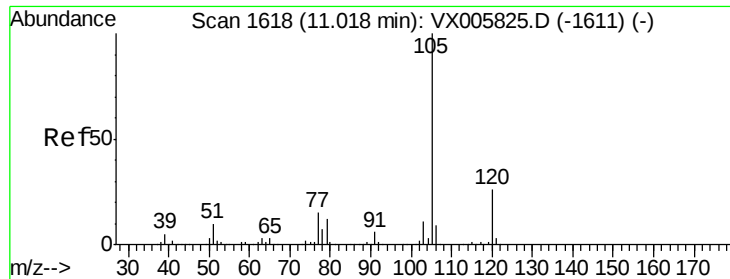
Tgt Ion:106 Resp: 15401
Ion Ratio Lower Upper
106 100
91 213.7 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion:152 Resp: 90950
Ion Ratio Lower Upper
152 100
115 57.2 39.4 118.1
150 158.6 0.0 346.4





#73

Isopropylbenzene

Concen: 1.50 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006090.D

Acq: 19 Nov 2018 14:47

Instrument :

MSVOA_X

ClientSampleId :

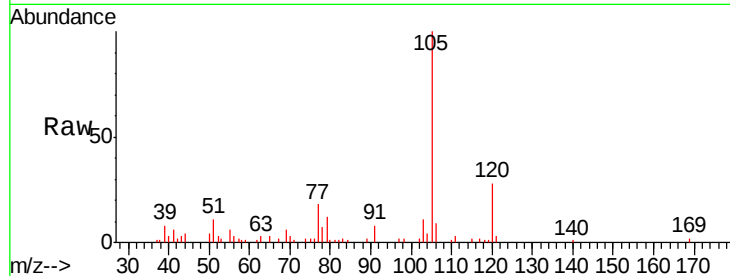
VB44949

Tgt Ion: 105 Resp: 7865

Ion Ratio Lower Upper

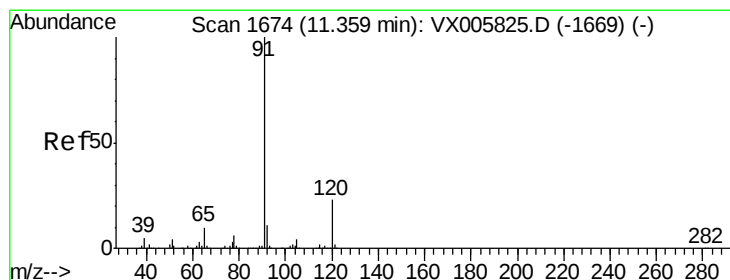
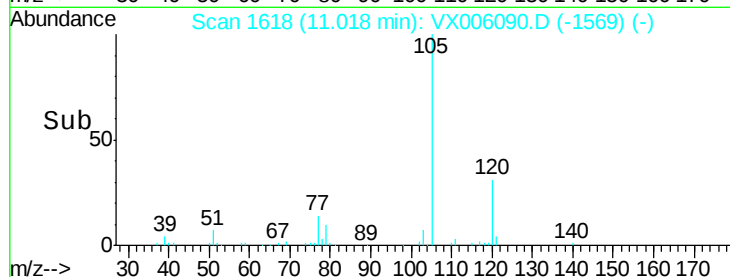
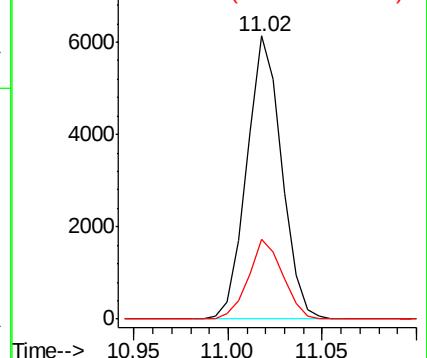
105 100

120 27.9 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: 4.80 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006090.D

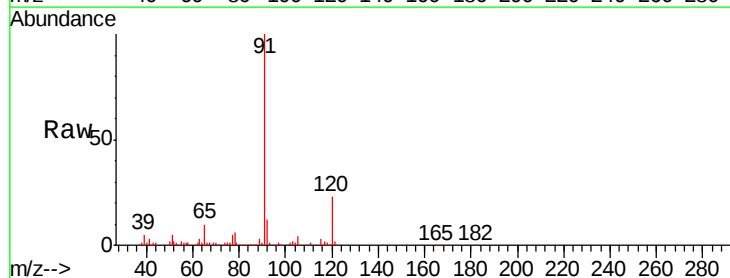
Acq: 19 Nov 2018 14:47

Tgt Ion: 91 Resp: 29780

Ion Ratio Lower Upper

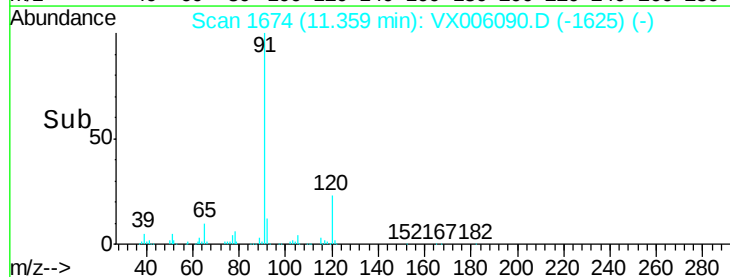
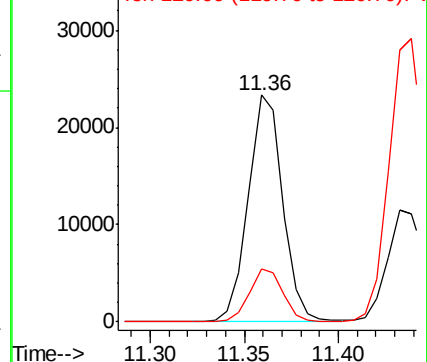
91 100

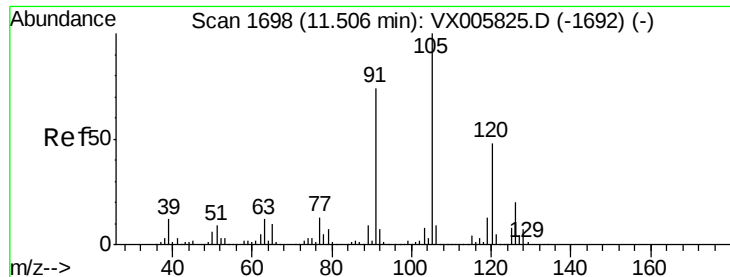
120 22.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

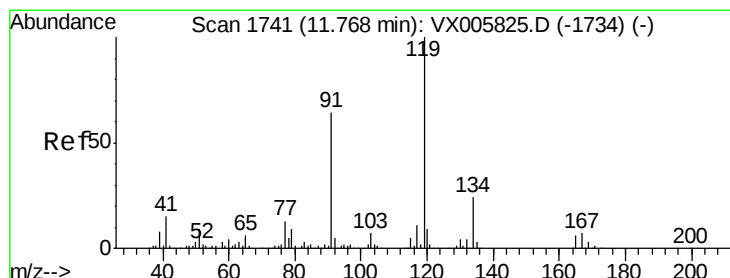
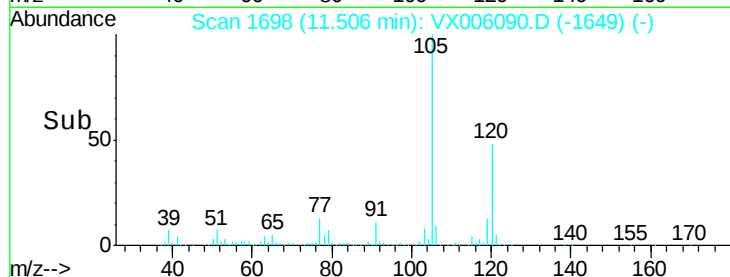
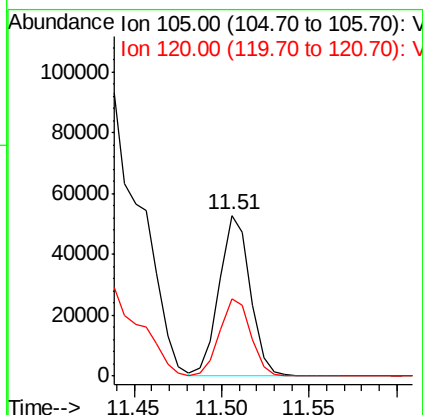
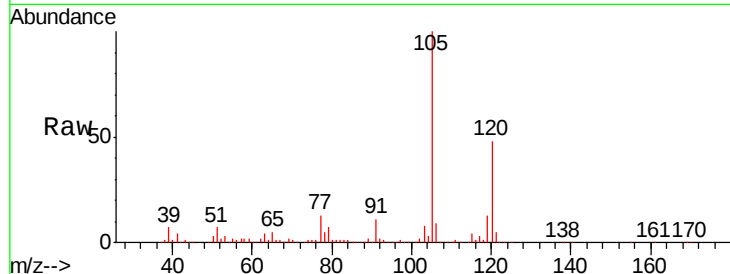




#80
 1,3,5-Trimethylbenzene
 Concen: 14.53 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

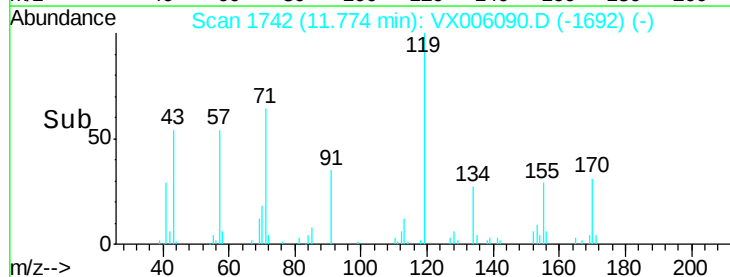
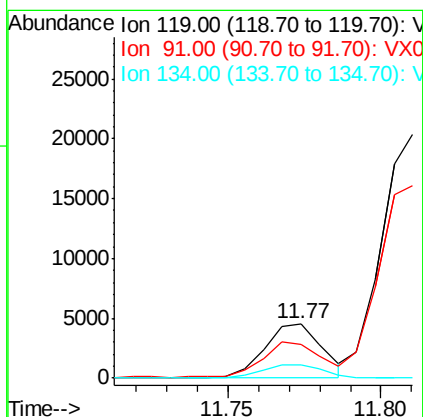
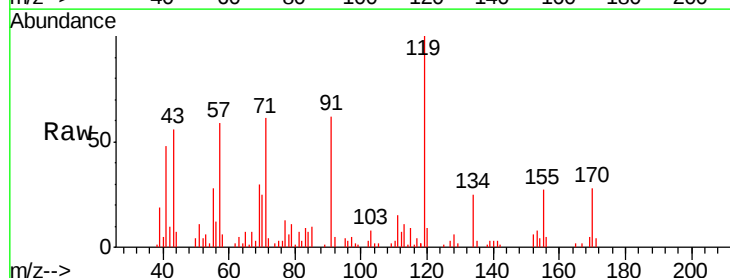
Instrument :
 MSVOA_X
 ClientSampleId :
 VB44949

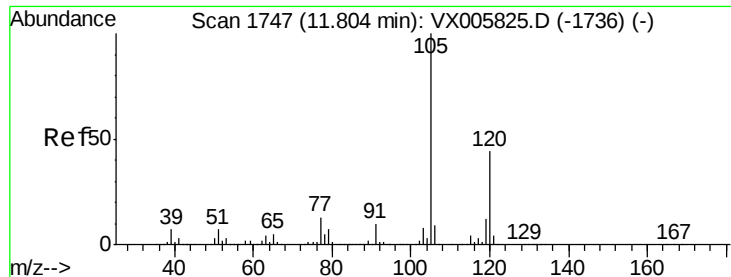
Tgt Ion:105 Resp: 64955
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.2



#83
 tert-Butylbenzene
 Concen: 1.31 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

Tgt Ion:119 Resp: 5926
 Ion Ratio Lower Upper
 119 100
 91 65.2 28.5 85.5
 134 26.4 11.3 33.8

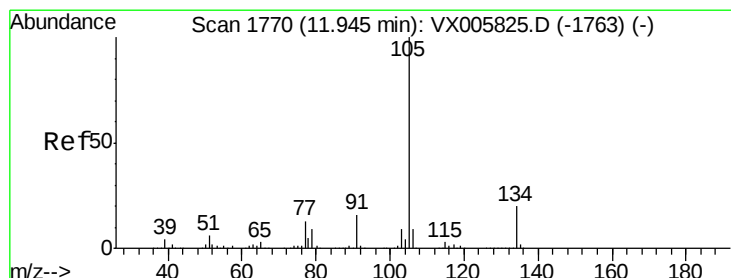
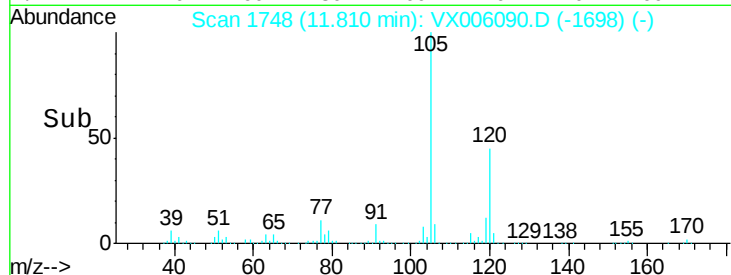
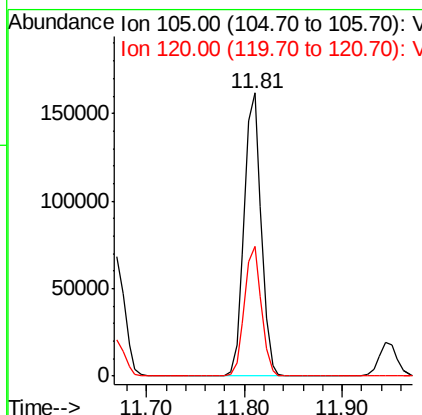
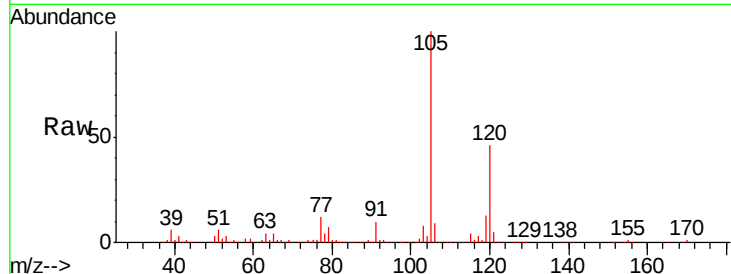




#84
 1,2,4-Trimethylbenzene
 Concen: 39.81 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

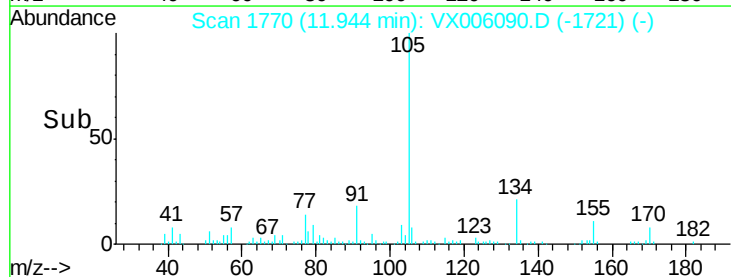
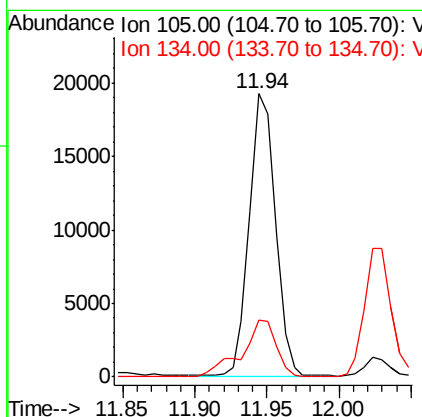
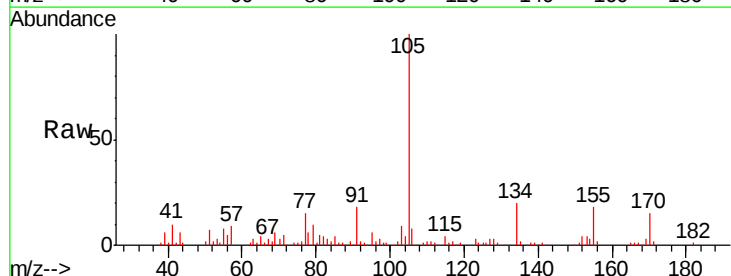
Instrument :
 MSVOA_X
 ClientSampleID :
 VB44949

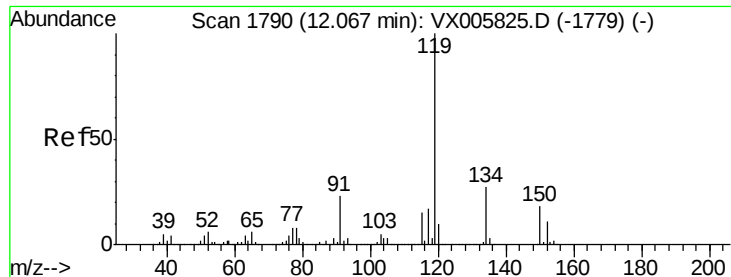
Tgt Ion:105 Resp: 196500
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 4.36 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006090.D
 Acq: 19 Nov 2018 14:47

Tgt Ion:105 Resp: 24135
 Ion Ratio Lower Upper
 105 100
 134 26.3 10.2 30.4

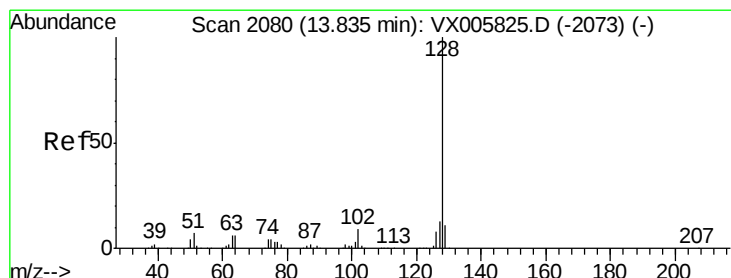
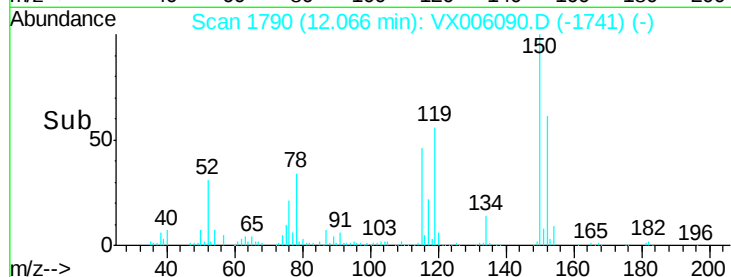
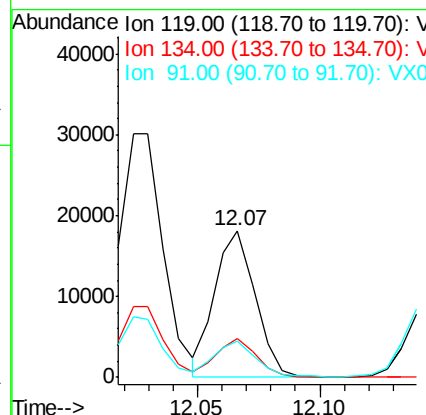
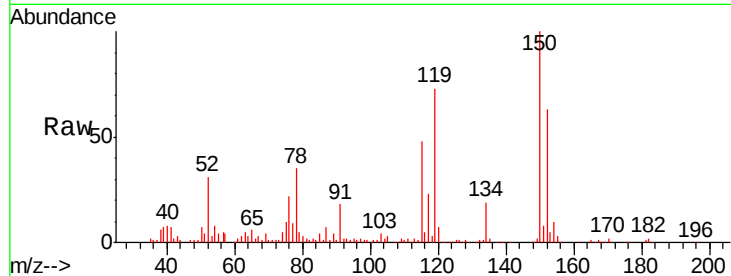




#86
p-Isopropyltoluene
Concen: 4.27 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Instrument :
MSVOA_X
ClientSampled :
VB44949

Tgt Ion:119 Resp: 20918
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 24.0 11.4 34.2



#95
Naphthalene
Concen: 11.71 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006090.D
Acq: 19 Nov 2018 14:47

Tgt Ion:128 Resp: 70591
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 14.9 8.7 13.1#

