

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006223.D
 Acq On : 30 Nov 2018 11:53
 Operator : JC/MD
 Sample : J6134-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1DL

Quant Time: Nov 30 23:12:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	953065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1391445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1269914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	655548	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	452641	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
35) Dibromofluoromethane	5.50	113	446134	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	1626488	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	610771	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	

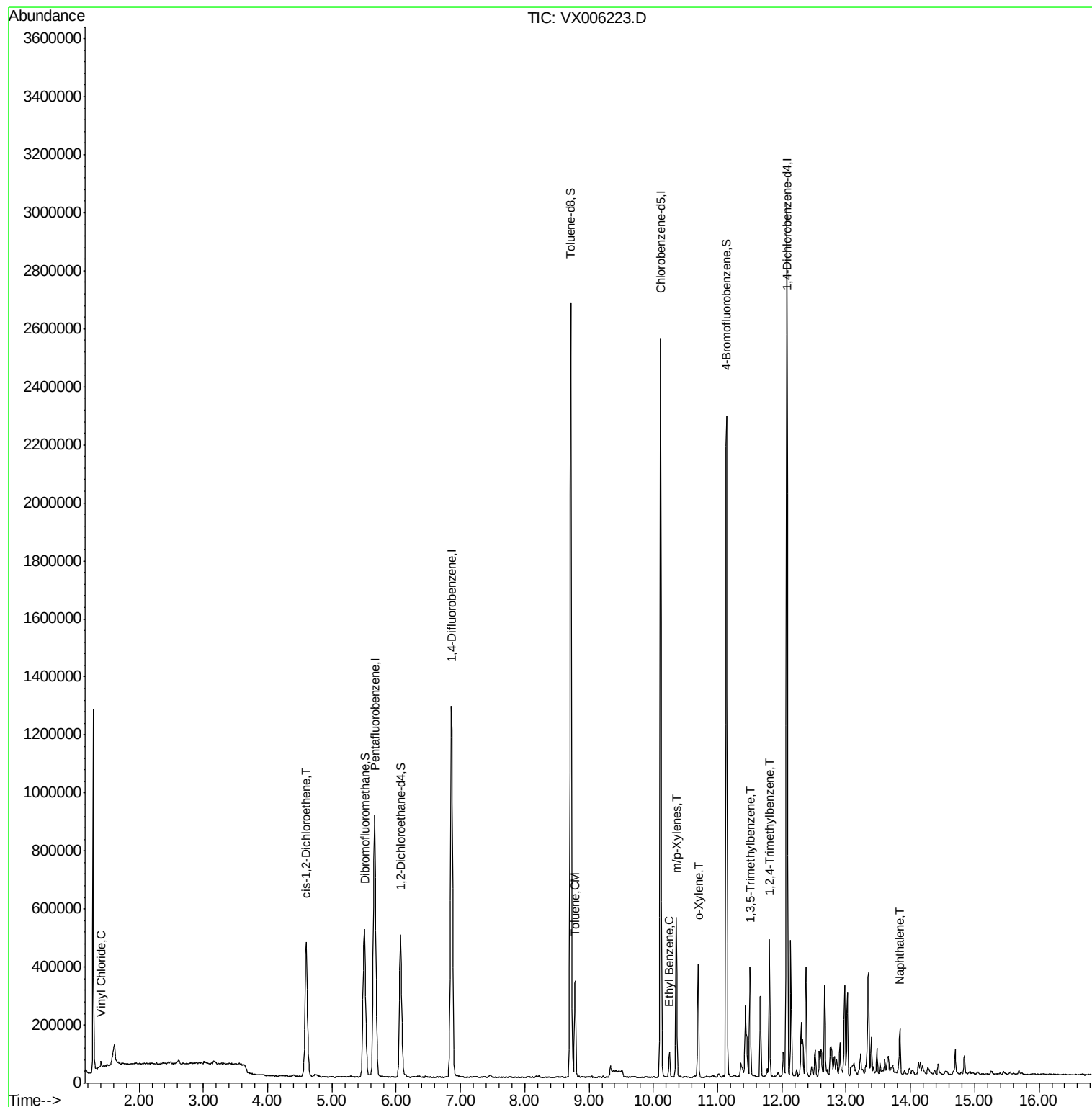
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	12430	1.204	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	318691	31.088	ug/l	89
52) Toluene	8.79	92	131848	5.711	ug/l	99
67) Ethyl Benzene	10.25	91	53075	1.184	ug/l	92
68) m/p-Xylenes	10.36	106	139836	7.786	ug/l	100
69) o-Xylene	10.69	106	95536	5.385	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	161959	4.300	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	209248	5.380	ug/l	97
95) Naphthalene	13.83	128	97306	1.933	ug/l	97

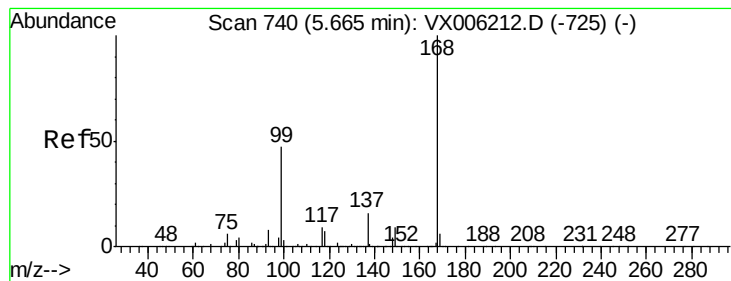
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
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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: VX006223.D

Acq: 30 Nov 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

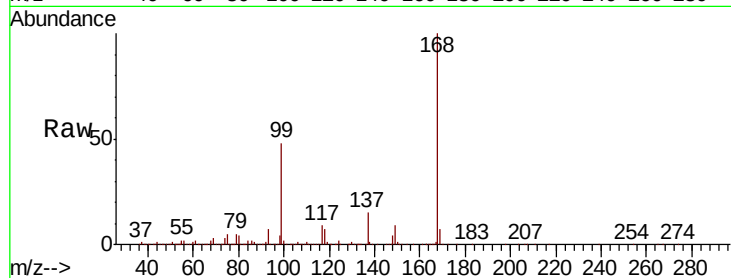
DUP-1DL

Tot Ion:168 Resp: 953065

Ion Ratio Lower Upper

168 100

99 48.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

400000

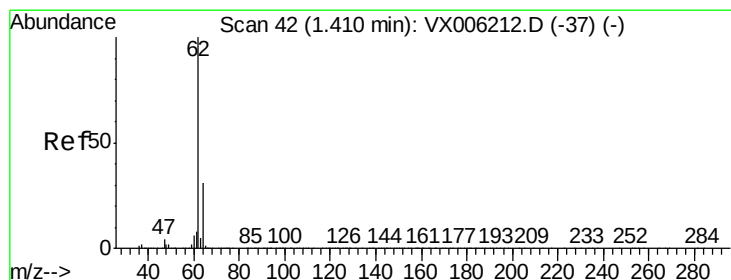
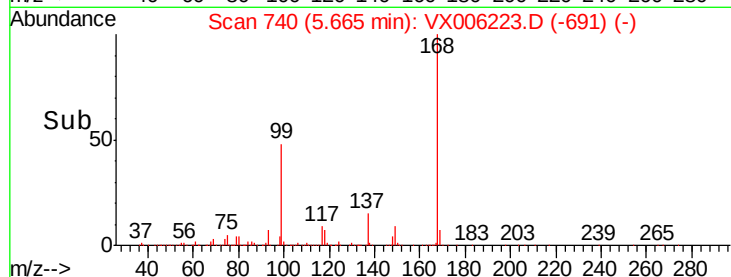
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 1.204 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006223.D

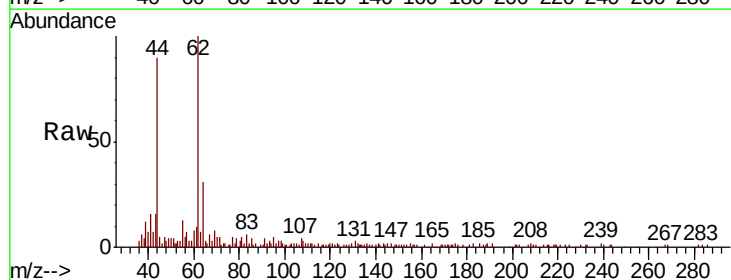
Acq: 30 Nov 2018 11:53

Tgt Ion: 62 Resp: 12430

Ion Ratio Lower Upper

62 100

64 29.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

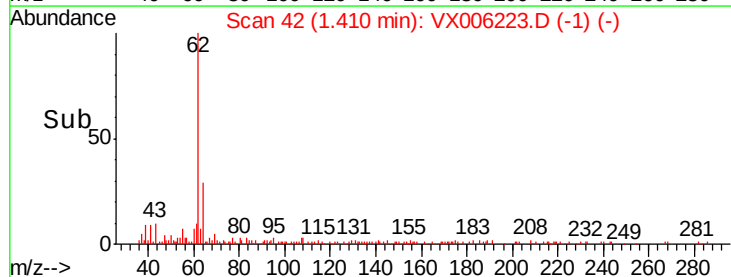
1.41

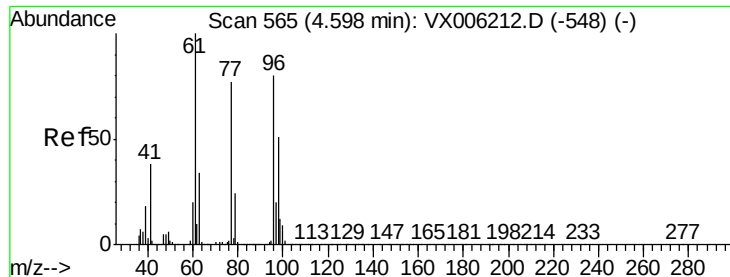
10000

5000

0

Time-->



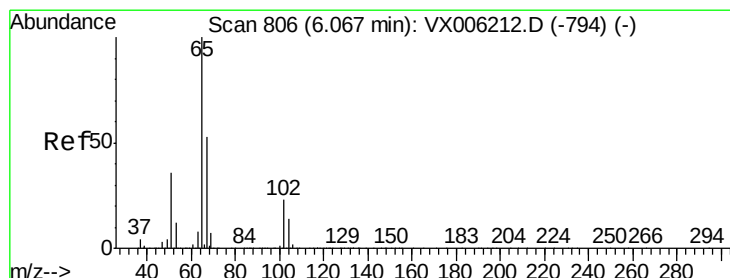
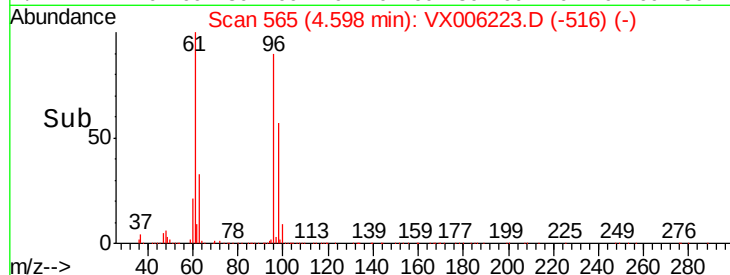
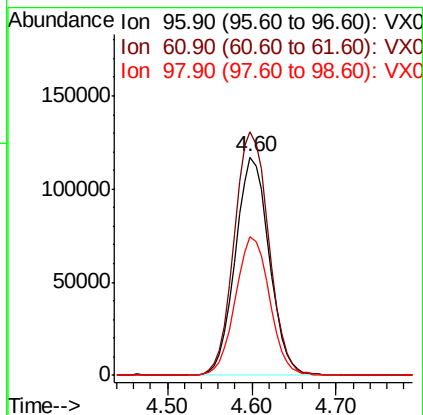
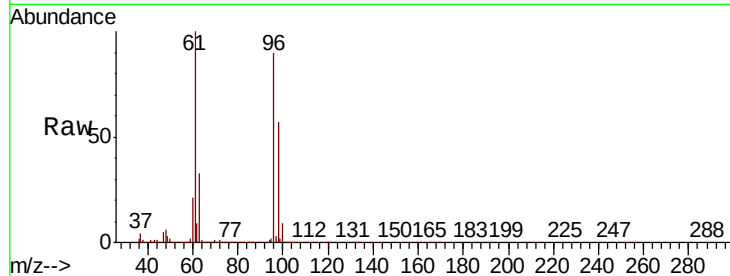


#27

cis-1,2-Dichloroethene
Concen: 31.088 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

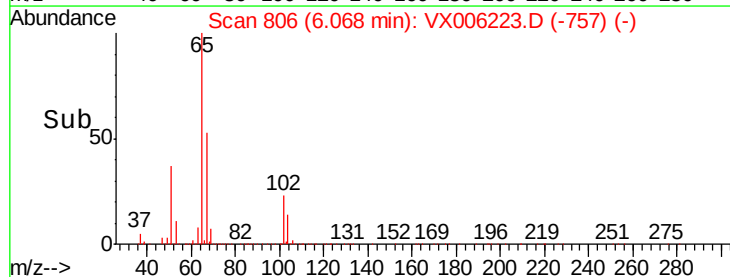
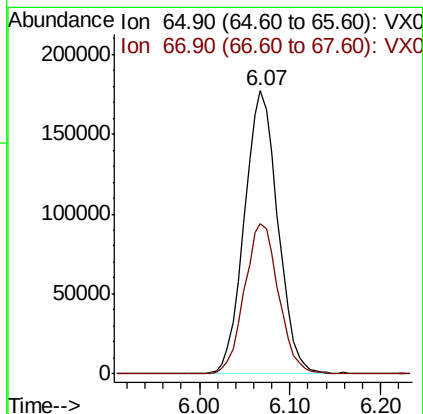
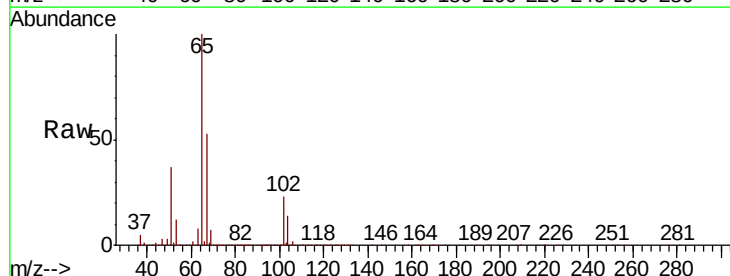
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.9	0.0	265.0
98	64.0	0.0	130.2

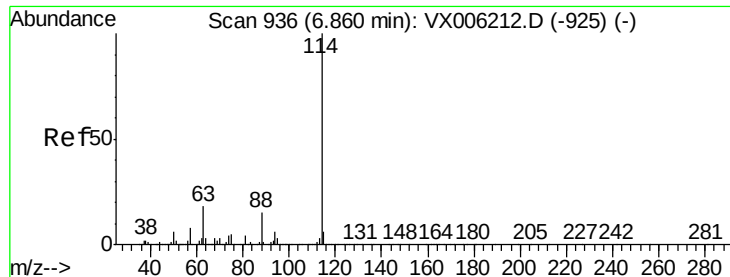


#33

1,2-Dichloroethane-d4
Concen: 46.524 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.2

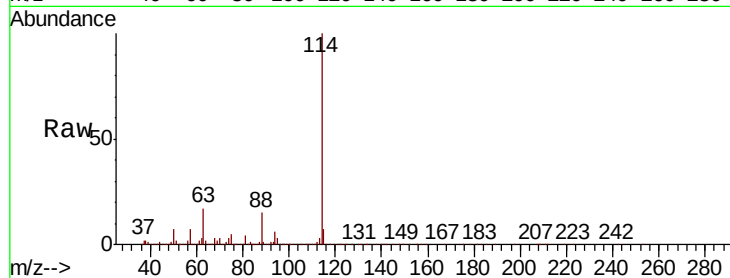




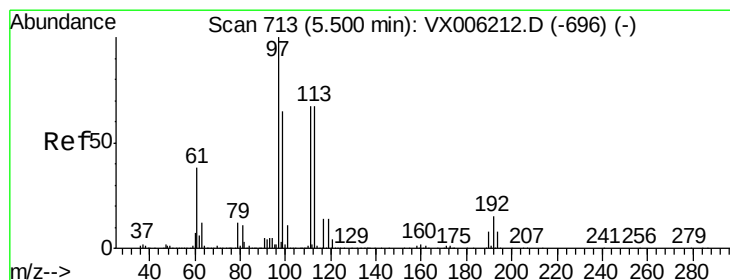
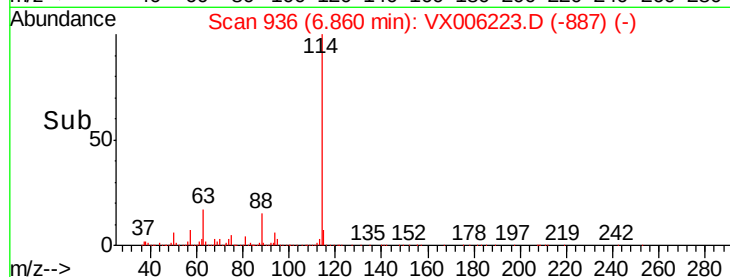
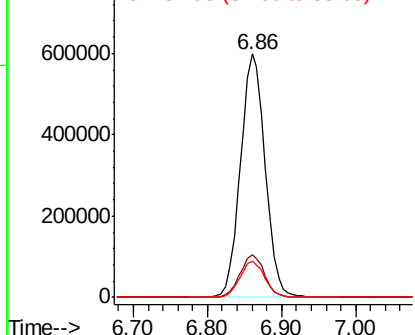
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

Tot Ion:114 Resp: 1391445
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.6
88 14.9 0.0 29.0

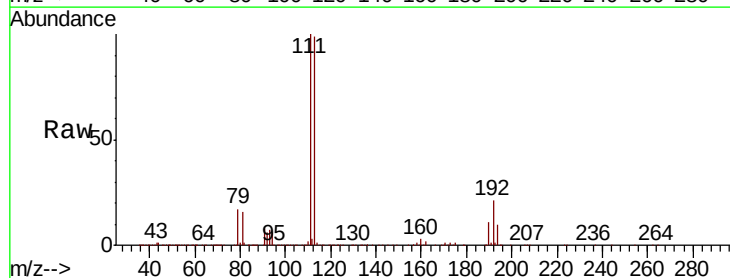


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

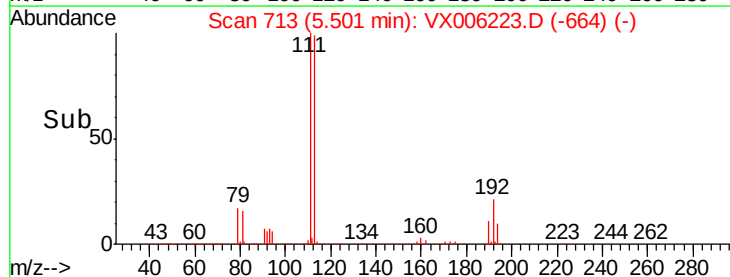
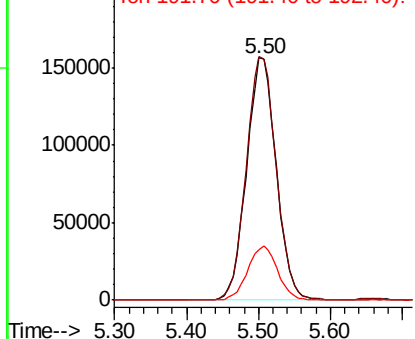


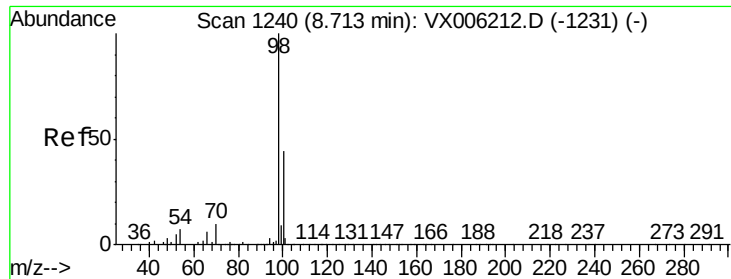
#35
Dibromofluoromethane
Concen: 49.521 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion:113 Resp: 446134
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 22.4 18.2 27.2



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

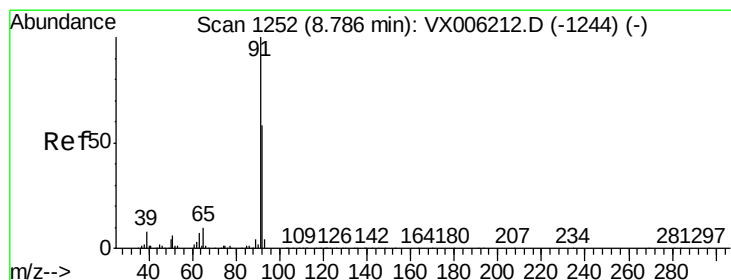
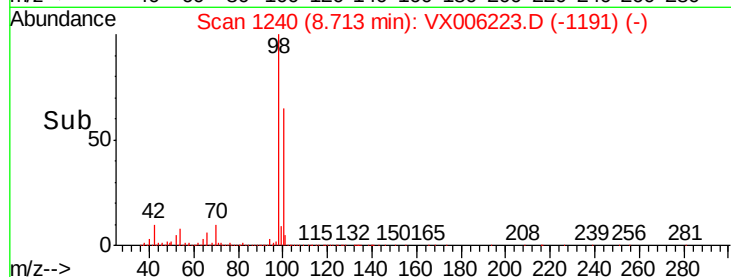
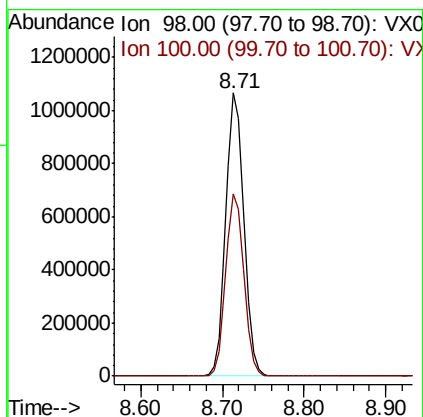
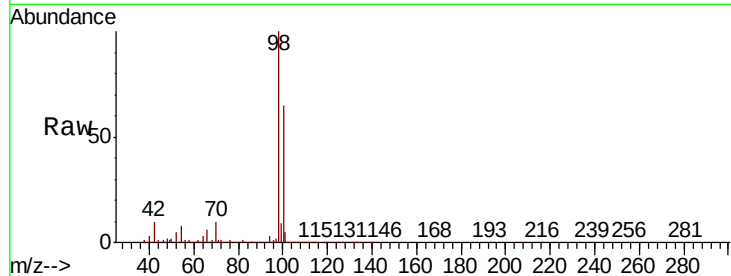




#50
Toluene-d8
Concen: 49.634 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

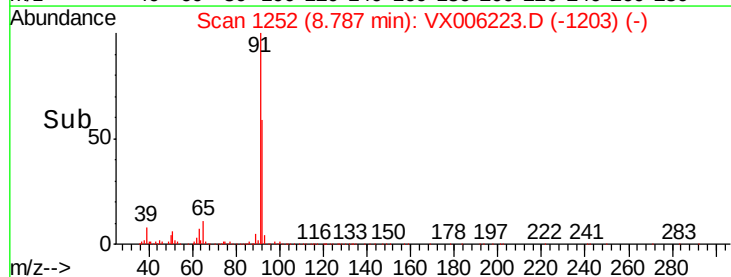
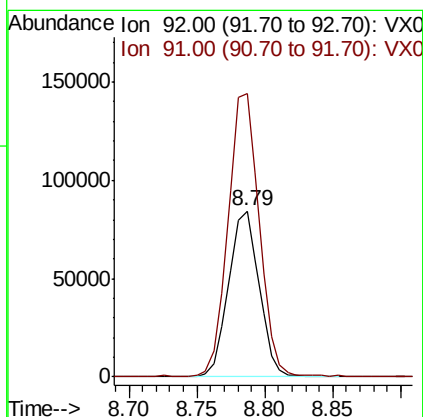
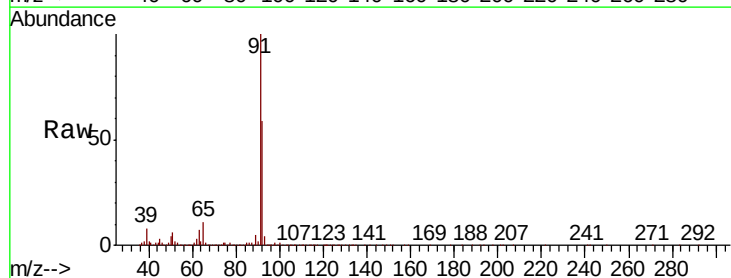
Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

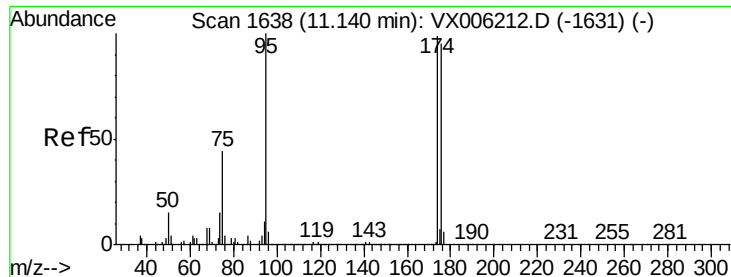
Tot Ion: 98 Resp: 1626488
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#52
Toluene
Concen: 5.711 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 92 Resp: 131848
Ion Ratio Lower Upper
92 100
91 172.7 139.2 208.8

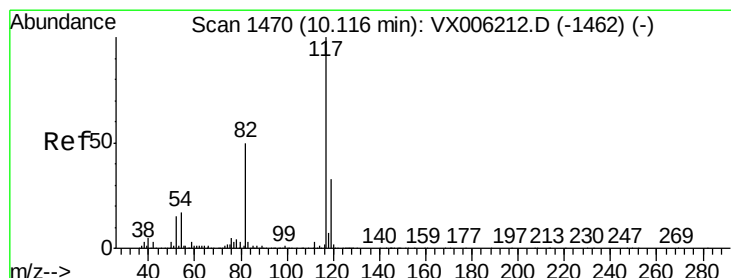
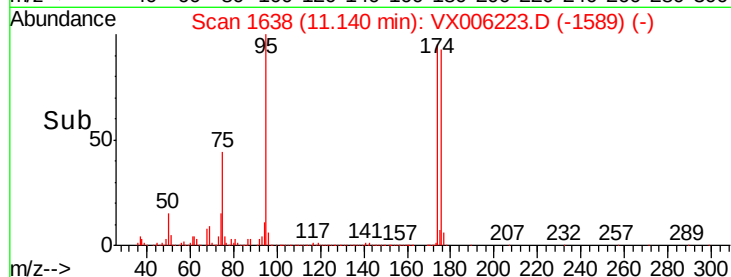
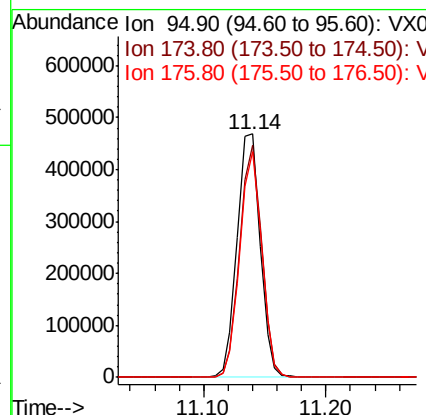
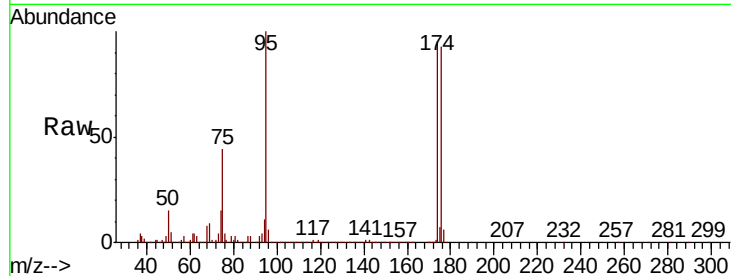




#62
4-Bromofluorobenzene
Concen: 49.461 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

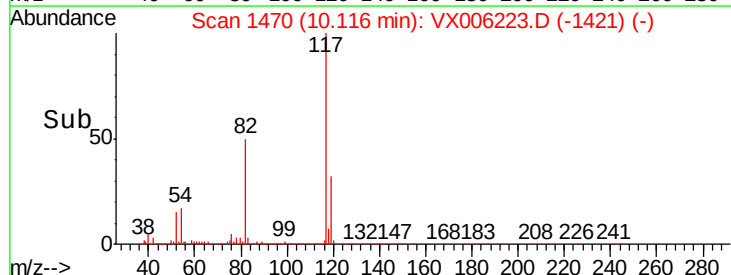
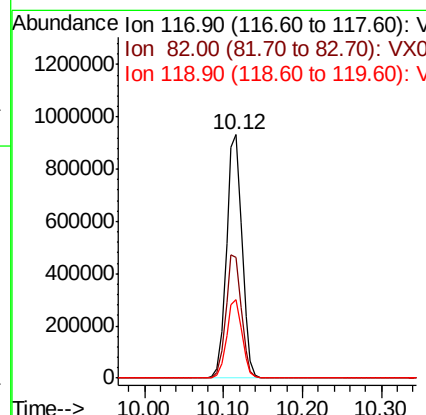
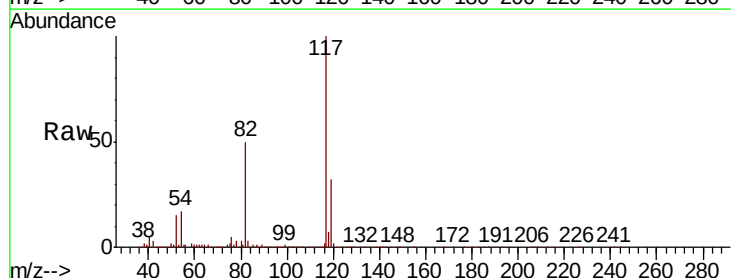
Instrument :
MSVOA_X
ClientSampleId :
DUP-1DL

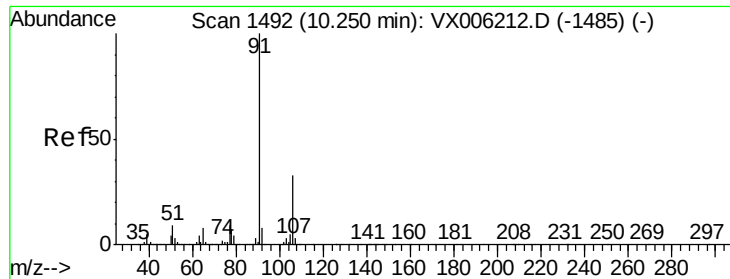
Tot Ion: 95 Resp: 610771
Ion Ratio Lower Upper
95 100
174 91.0 0.0 187.0
176 88.2 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006223.D
Acq: 30 Nov 2018 11:53

Tgt Ion: 117 Resp: 1269914
Ion Ratio Lower Upper
117 100
82 49.7 39.6 59.4
119 32.3 26.3 39.5





#67

Ethyl Benzene

Concen: 1.184 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006223.D

Acq: 30 Nov 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

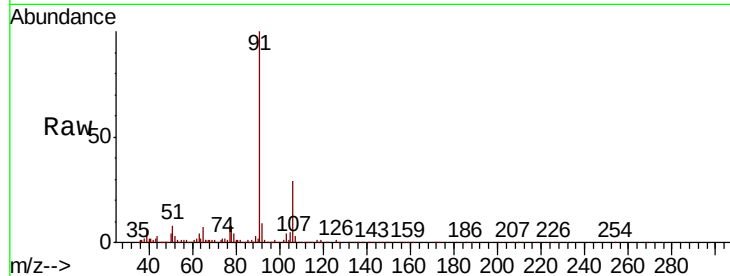
DUP-1DL

Tot Ion: 91 Resp: 53075

Ion Ratio Lower Upper

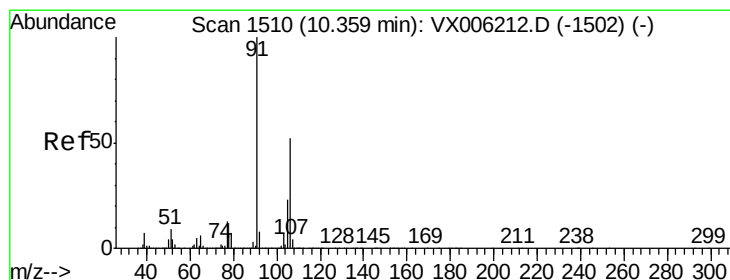
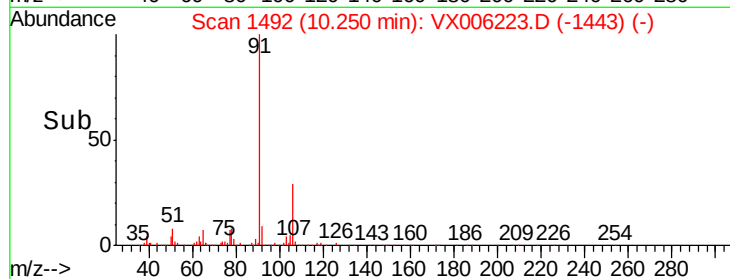
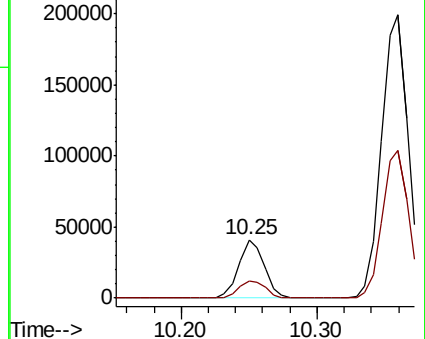
91 100

106 28.7 26.5 39.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 7.786 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006223.D

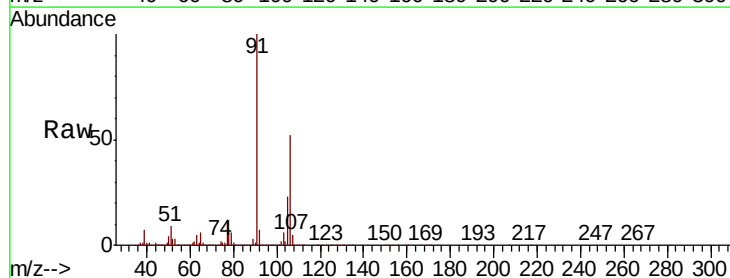
Acq: 30 Nov 2018 11:53

Tgt Ion: 106 Resp: 139836

Ion Ratio Lower Upper

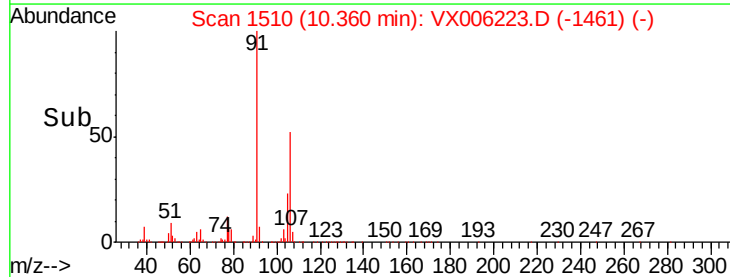
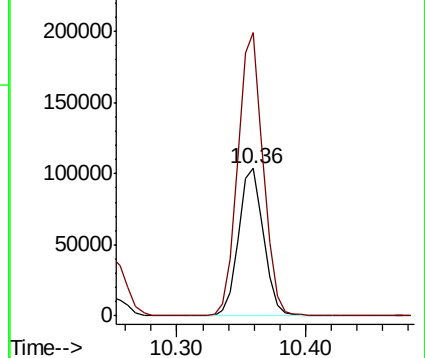
106 100

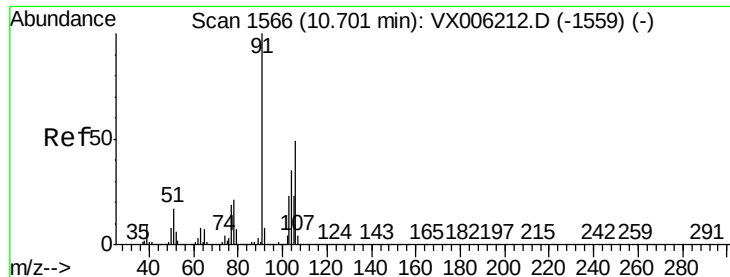
91 193.4 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 5.385 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006223.D

Acq: 30 Nov 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

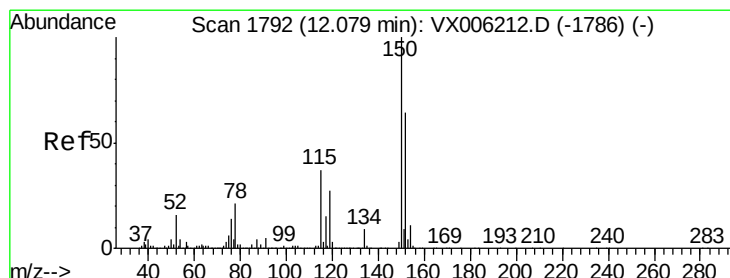
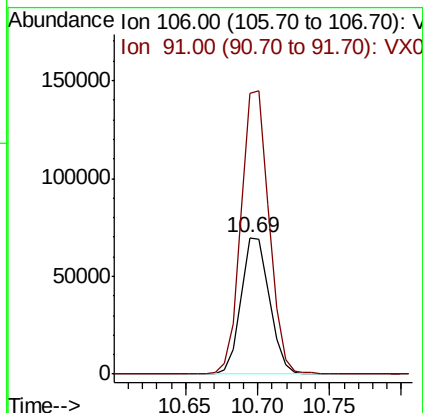
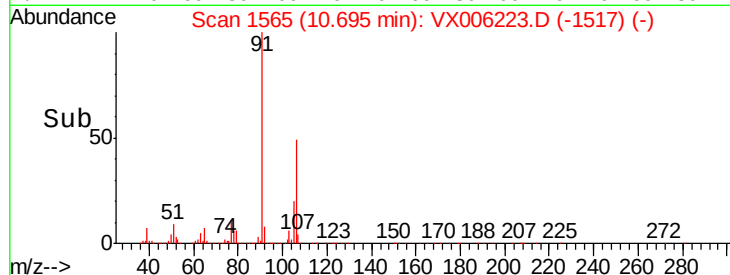
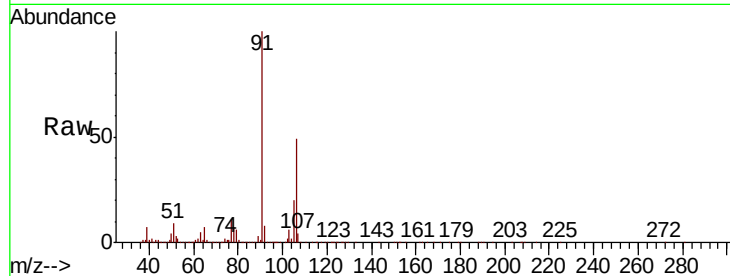
DUP-1DL

Tot Ion:106 Resp: 95536

Ion Ratio Lower Upper

106 100

91 203.8 101.8 305.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006223.D

Acq: 30 Nov 2018 11:53

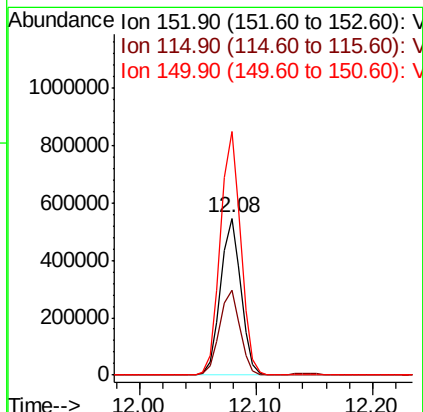
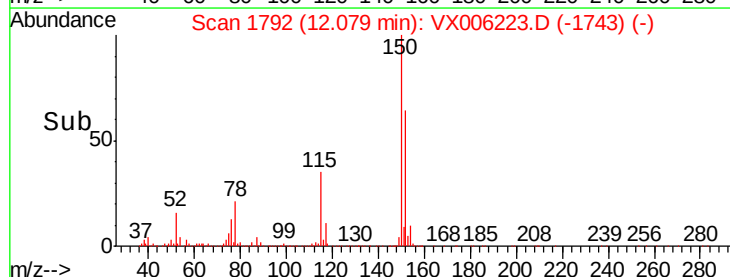
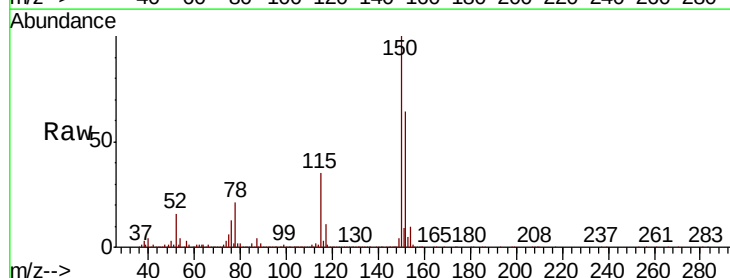
Tgt Ion:152 Resp: 655548

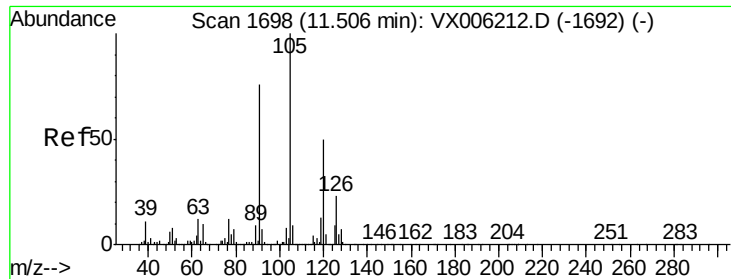
Ion Ratio Lower Upper

152 100

115 54.5 39.0 116.9

150 155.6 0.0 345.8





#80

1,3,5-Trimethylbenzene

Concen: 4.300 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006223.D

Acq: 30 Nov 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

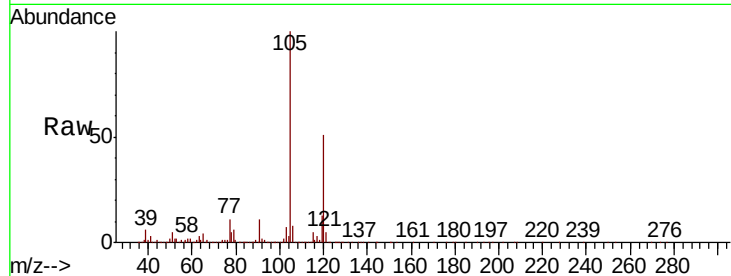
DUP-1DL

Tot Ion:105 Resp: 161959

Ion Ratio Lower Upper

105 100

120 50.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

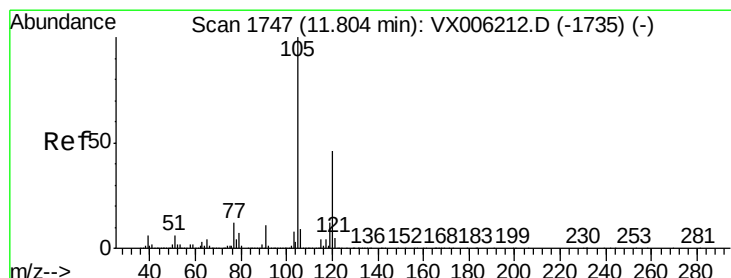
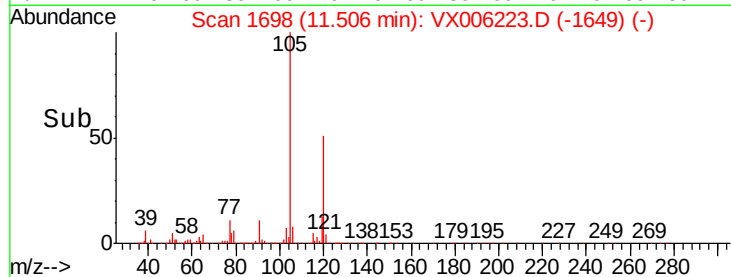
150000

100000

50000

0

Time--> 11.45 11.50 11.55



#84

1,2,4-Trimethylbenzene

Concen: 5.380 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006223.D

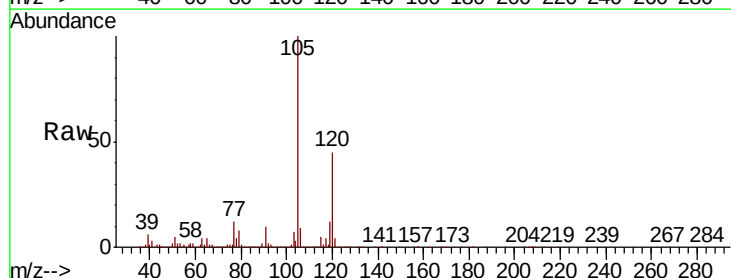
Acq: 30 Nov 2018 11:53

Tgt Ion:105 Resp: 209248

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

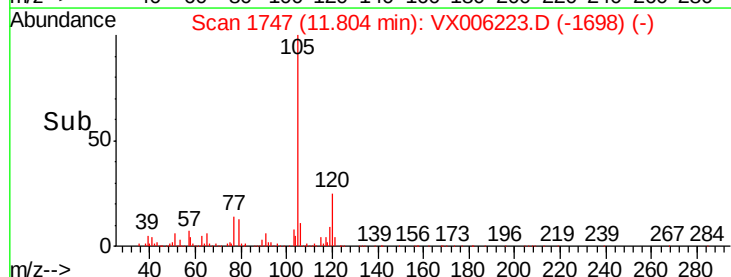
150000

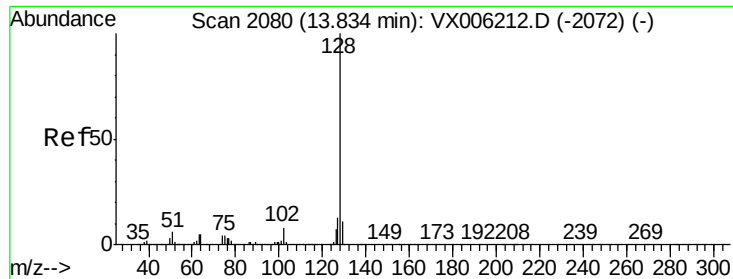
100000

50000

0

Time--> 11.75 11.80 11.85





#95

Naphthalene

Concen: 1.933 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006223.D

Acq: 30 Nov 2018 11:53

Instrument :

MSVOA_X

ClientSampleId :

DUP-1DL

Tot Ion:128 Resp: 97306

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.4

129 11.8 8.9 13.3

