

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003700.D
 Acq On : 27 Jul 2018 06:00
 Operator : JC/SP
 Sample : J4069-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0489-180718

Quant Time: Jul 27 07:28:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	92065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	148225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	74804	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	77604	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	113.82%		
35) Dibromofluoromethane	5.51	113	62107	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.52%		
50) Toluene-d8	8.72	98	252790	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	109.32%		
62) 4-Bromofluorobenzene	11.14	95	80022	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.88%		

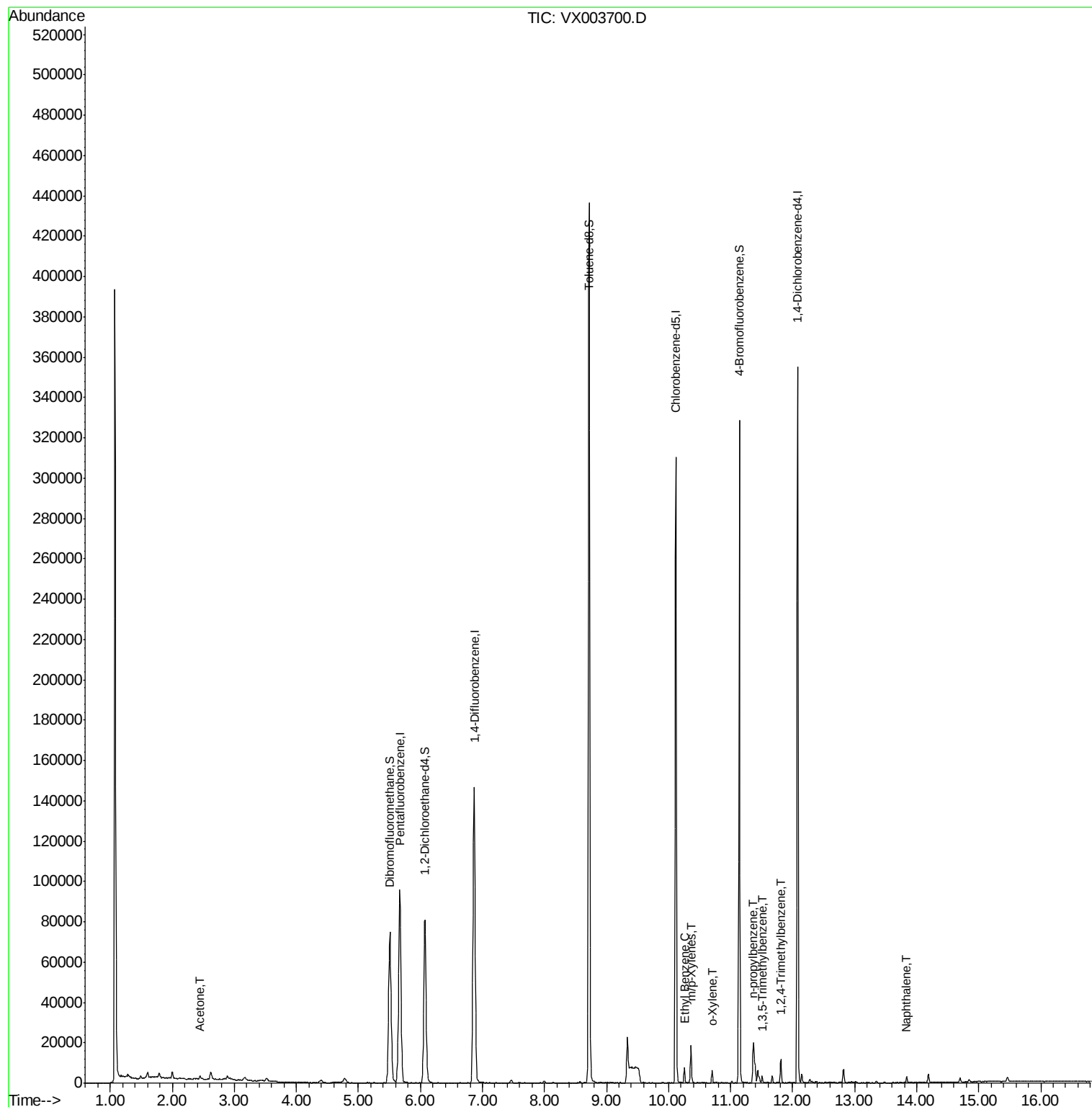
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	1847	2.88	ug/l	89
67) Ethyl Benzene	10.26	91	4177	0.71	ug/l	98
68) m/p-Xylenes	10.36	106	4372	1.94	ug/l	96
69) o-Xylene	10.70	106	1322	0.61	ug/l	97
78) n-propylbenzene	11.36	91	1465	0.25	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	1660	0.38	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	5208	1.17	ug/l	100
95) Naphthalene	13.83	128	2202	0.39	ug/l	97

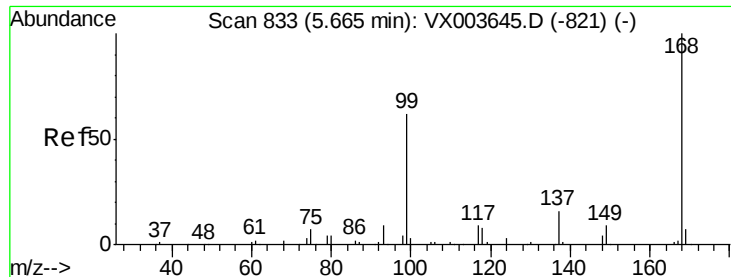
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072618\
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Instrument :
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Quant Time: Jul 27 07:28:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003700.D

Acq: 27 Jul 2018 06:00

Instrument :

MSVOA_X

ClientSampleId :

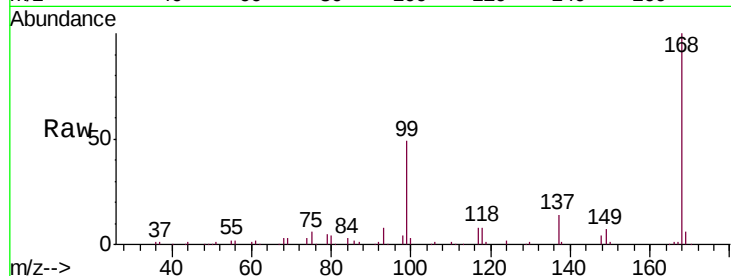
DUP-0489-180718

Tot Ion:168 Resp: 92065

Ion Ratio Lower Upper

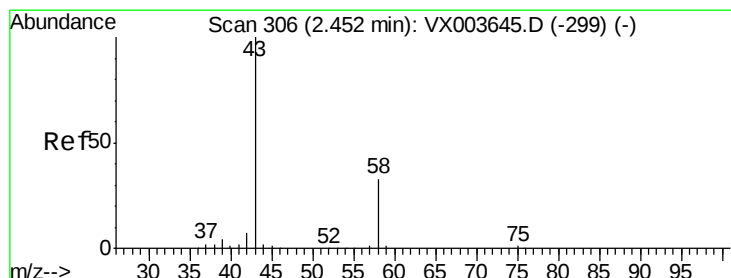
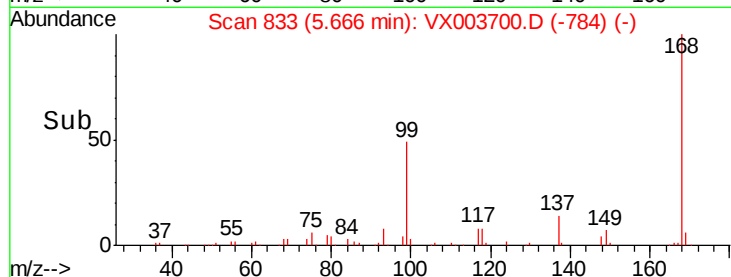
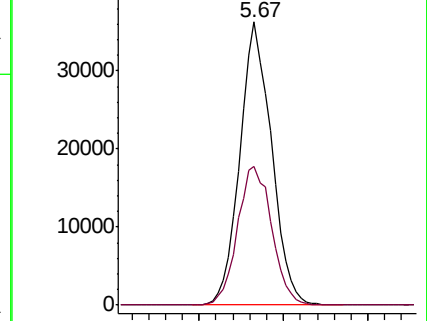
168 100

99 49.2 49.5 74.3#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.88 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003700.D

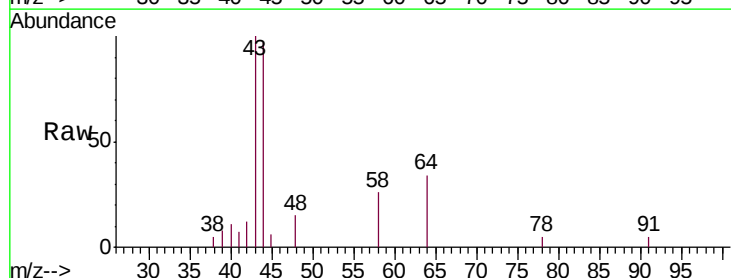
Acq: 27 Jul 2018 06:00

Tgt Ion: 43 Resp: 1847

Ion Ratio Lower Upper

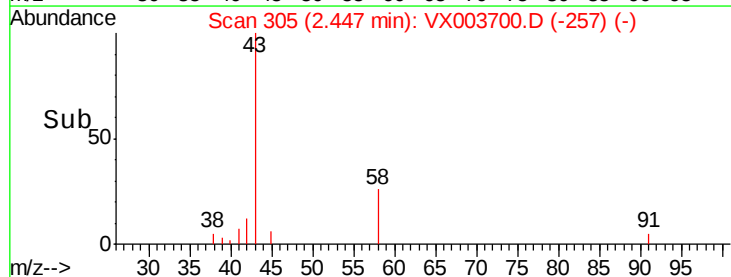
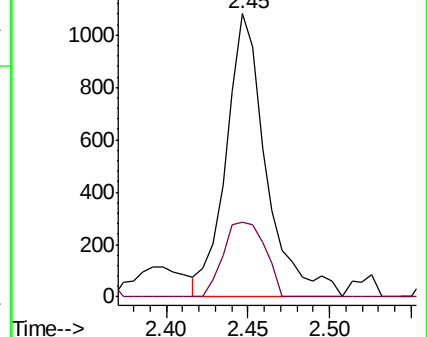
43 100

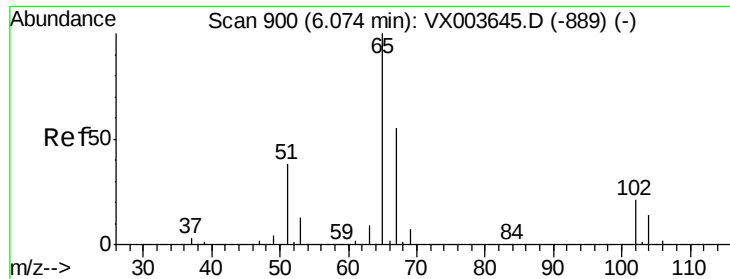
58 26.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

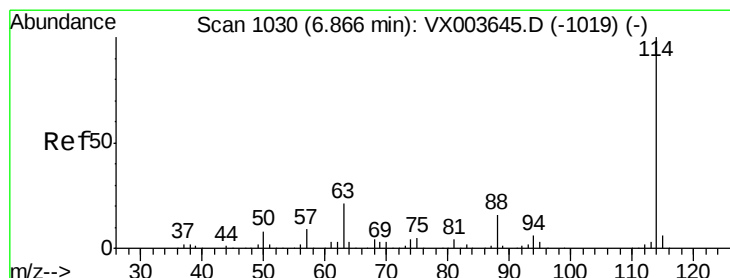
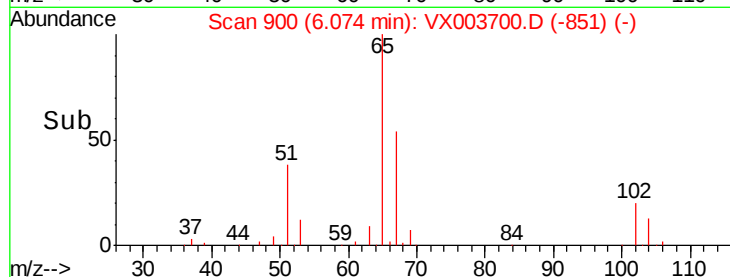
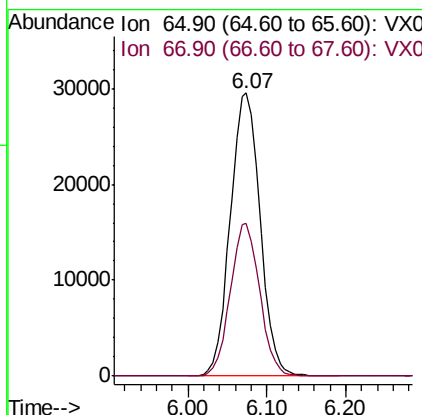
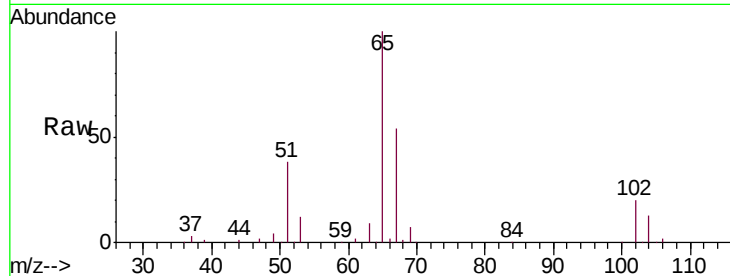




#33
 1,2-Dichloroethane-d4
 Concen: 56.91 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003700.D
 Acq: 27 Jul 2018 06:00

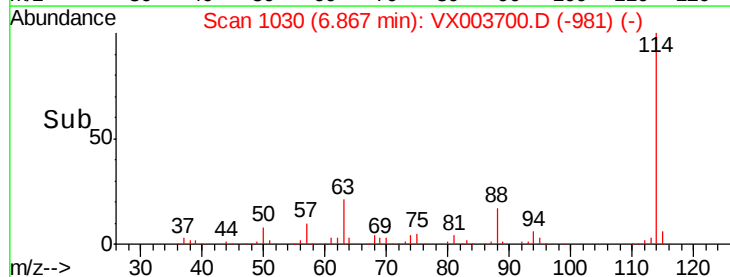
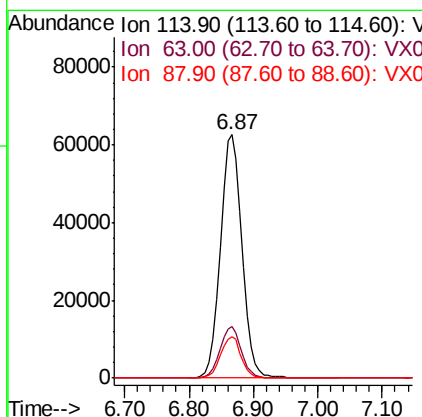
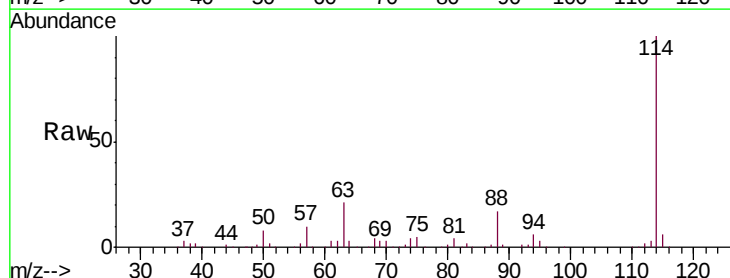
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0489-180718

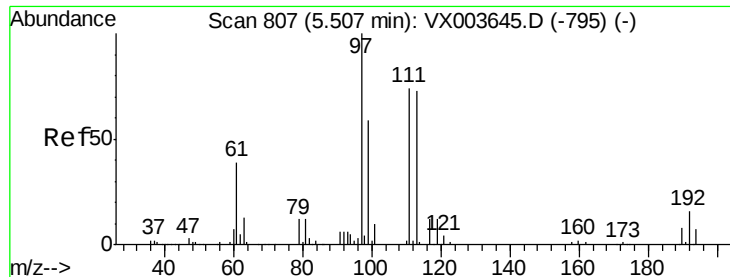
Tot Ion: 65 Resp: 77604
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003700.D
 Acq: 27 Jul 2018 06:00

Tgt Ion: 114 Resp: 148225
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.0
 88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.26 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003700.D

Acq: 27 Jul 2018 06:00

Instrument :

MSVOA_X

ClientSampleId :

DUP-0489-180718

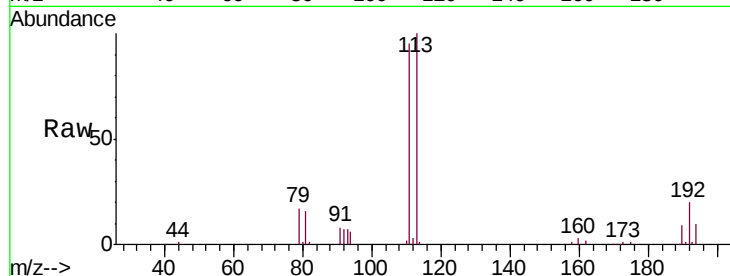
Tot Ion:113 Resp: 62107

Ion Ratio Lower Upper

113 100

111 101.1 81.2 121.8

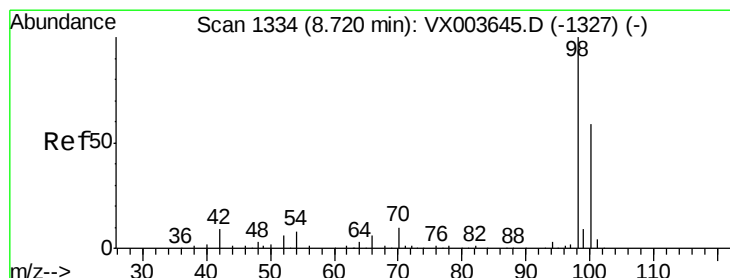
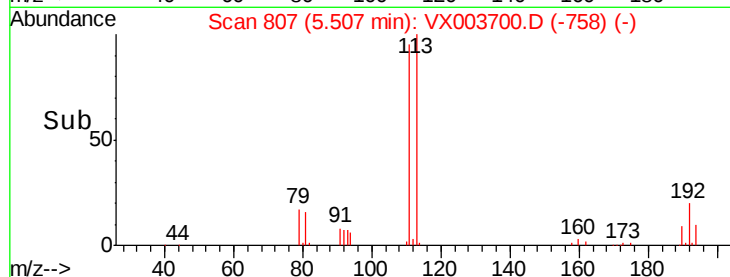
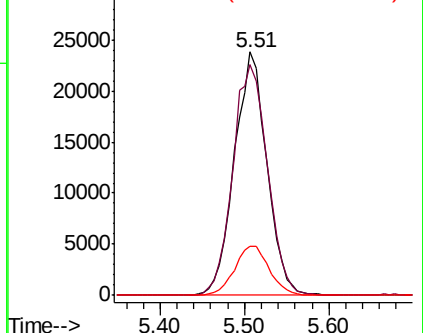
192 21.5 18.2 27.4



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: 54.66 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003700.D

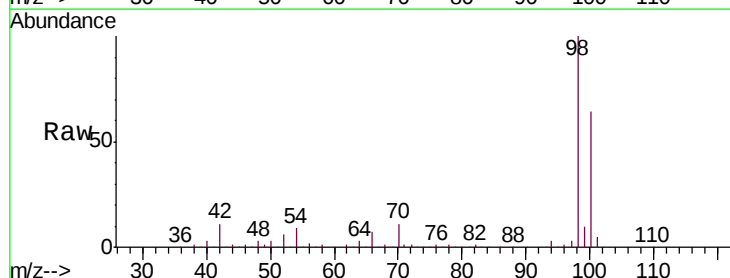
Acq: 27 Jul 2018 06:00

Tgt Ion: 98 Resp: 252790

Ion Ratio Lower Upper

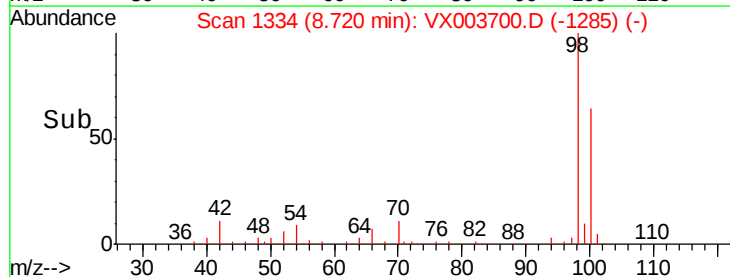
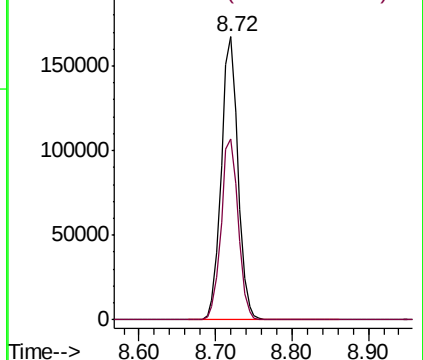
98 100

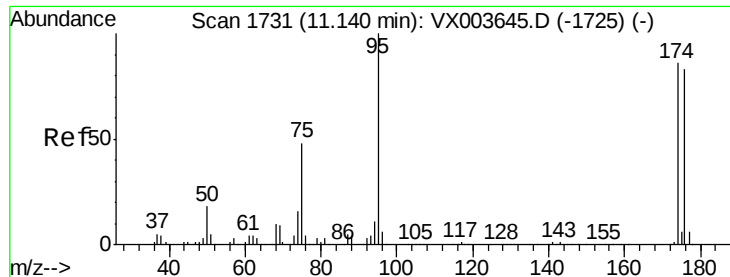
100 65.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003700.D

Acq: 27 Jul 2018 06:00

Instrument :

MSVOA_X

ClientSampleId :

DUP-0489-180718

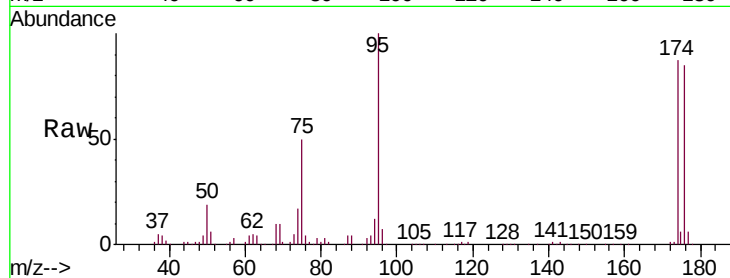
Tot Ion: 95 Resp: 80022

Ion Ratio Lower Upper

95 100

174 88.0 0.0 179.0

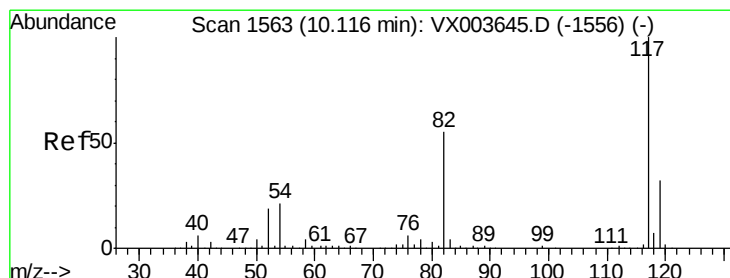
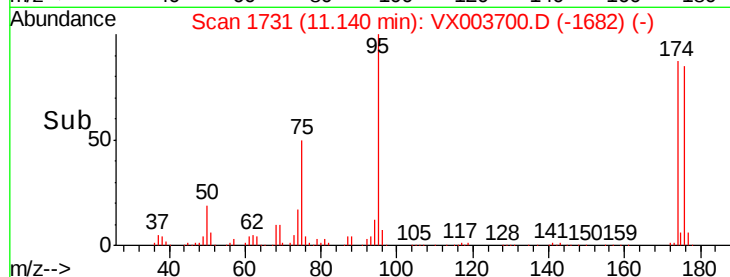
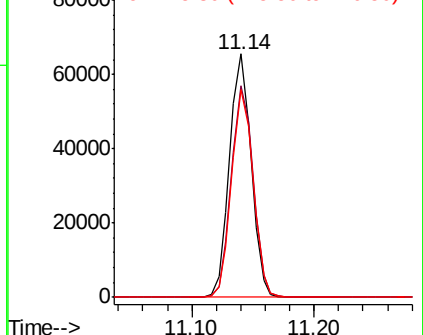
176 85.0 0.0 173.0



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# 1563

Delta R.T. 0.00 min

Lab File: VX003700.D

Acq: 27 Jul 2018 06:00

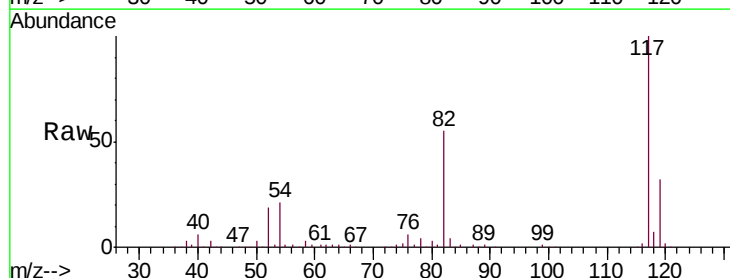
Tgt Ion: 117 Resp: 139763

Ion Ratio Lower Upper

117 100

82 54.7 44.3 66.5

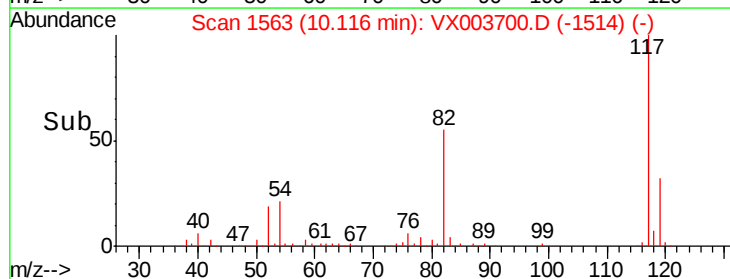
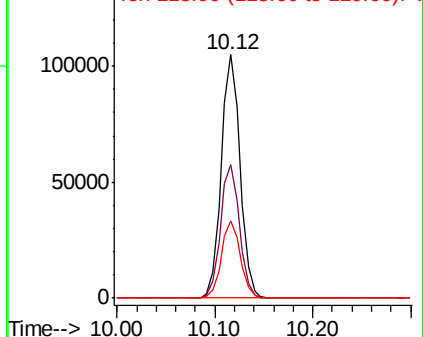
119 31.6 25.6 38.4

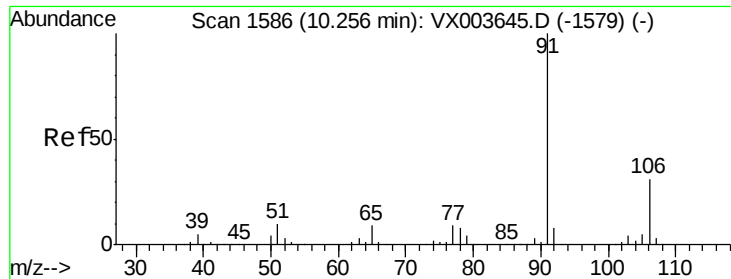


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

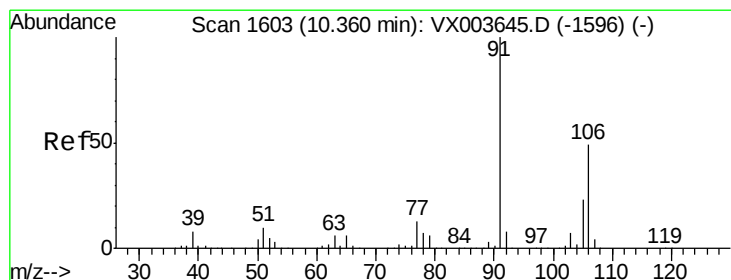
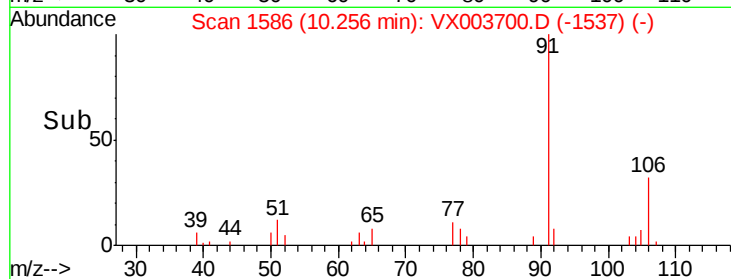
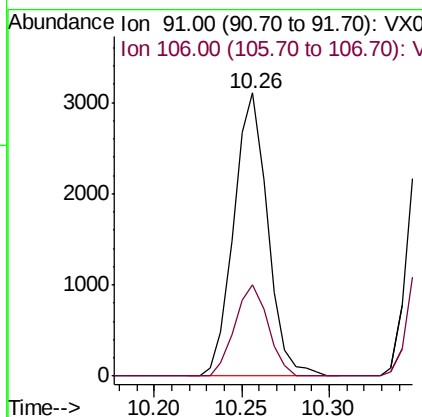
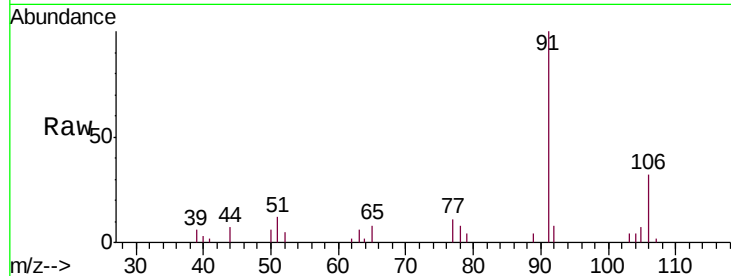




#67
Ethyl Benzene
Concen: 0.71 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003700.D
Acq: 27 Jul 2018 06:00

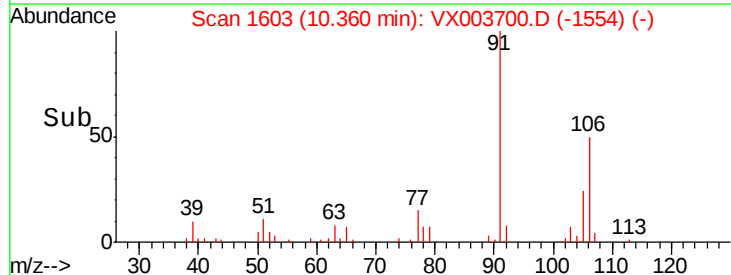
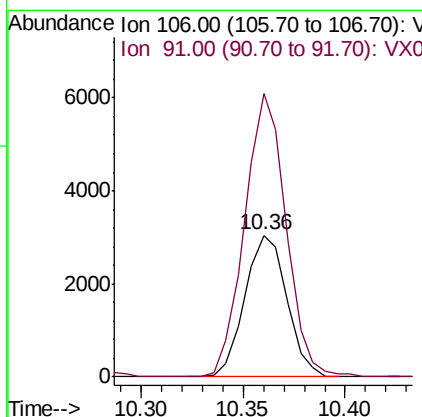
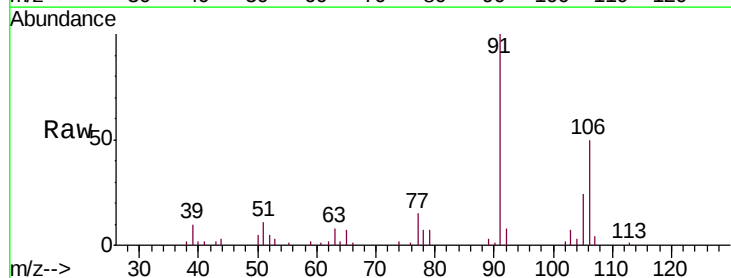
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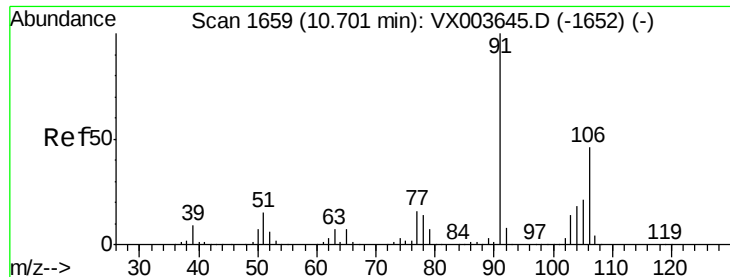
Tot Ion: 91 Resp: 4177
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.6



#68
m/p-Xylenes
Concen: 1.94 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003700.D
Acq: 27 Jul 2018 06:00

Tgt Ion: 106 Resp: 4372
Ion Ratio Lower Upper
106 100
91 196.8 162.2 243.2

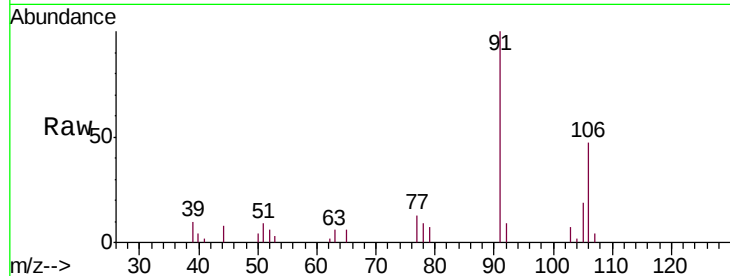




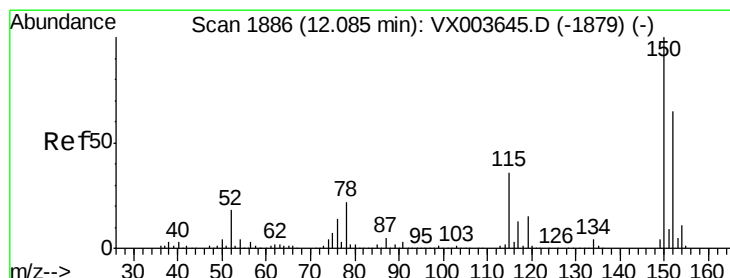
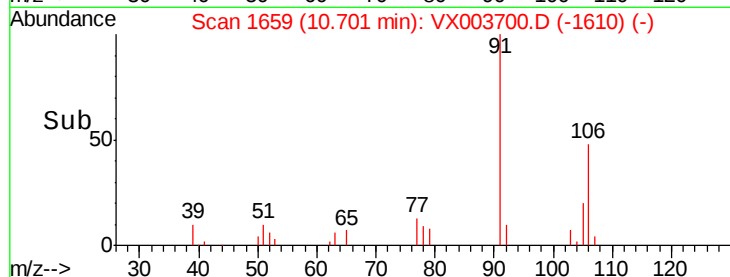
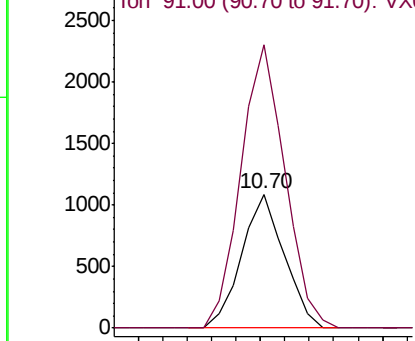
#69
o-Xylene
Concen: 0.61 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003700.D
Acq: 27 Jul 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
DUP-0489-180718

Tot Ion:106 Resp: 1322
Ion Ratio Lower Upper
106 100
91 218.9 107.1 321.1

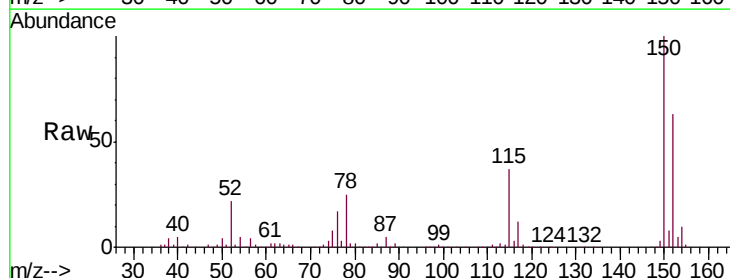


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

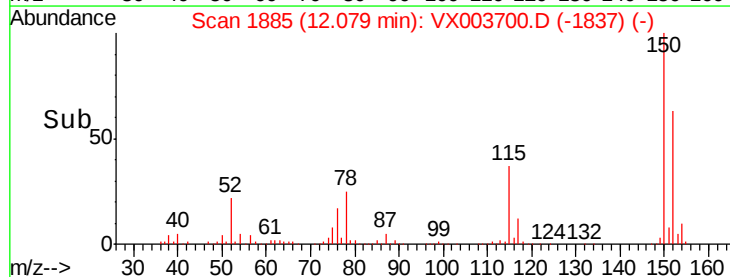
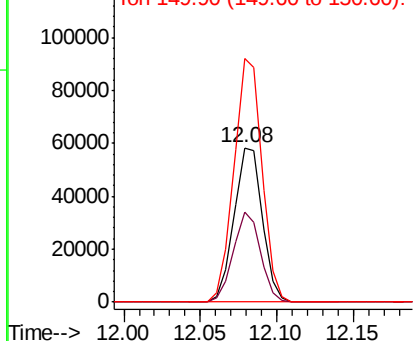


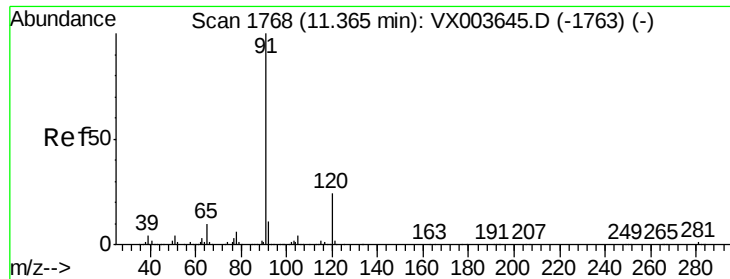
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003700.D
Acq: 27 Jul 2018 06:00

Tgt Ion:152 Resp: 74804
Ion Ratio Lower Upper
152 100
115 56.0 40.0 119.9
150 156.3 0.0 348.4



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





#78

n-propylbenzene

Concen: 0.25 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003700.D

Acq: 27 Jul 2018 06:00

Instrument :

MSVOA_X

ClientSampleId :

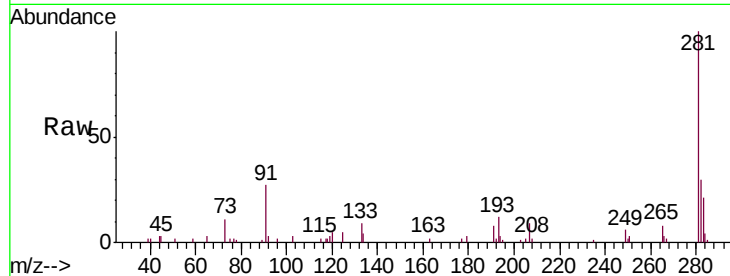
DUP-0489-180718

Tot Ion: 91 Resp: 1465

Ion Ratio Lower Upper

91 100

120 20.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VX003645.D (-1763) (-)

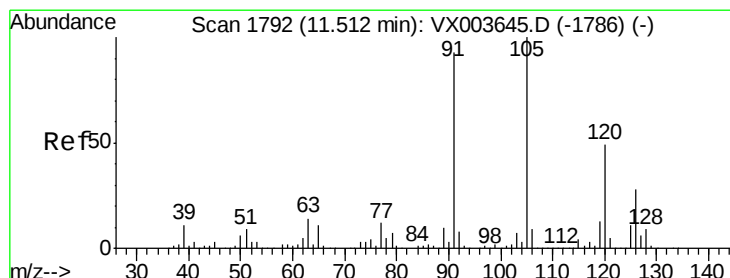
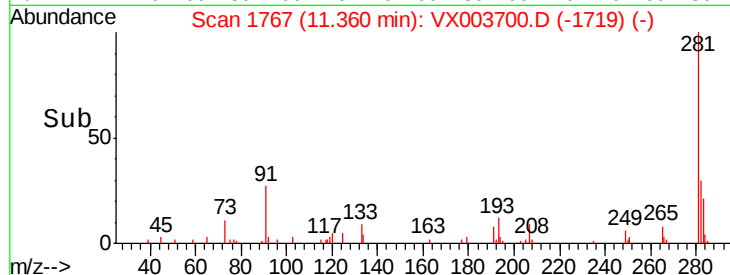
11.36

1000

500

0

Time--> 11.30 11.35 11.40



#80

1,3,5-Trimethylbenzene

Concen: 0.38 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003700.D

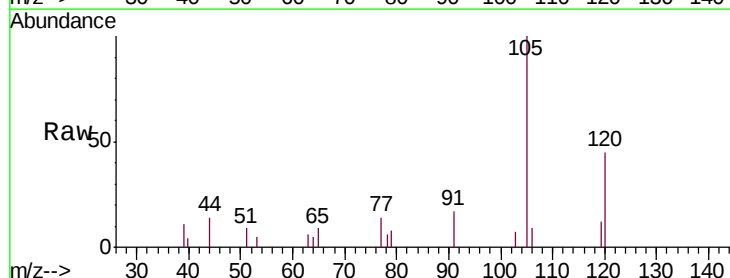
Acq: 27 Jul 2018 06:00

Tgt Ion: 105 Resp: 1660

Ion Ratio Lower Upper

105 100

120 43.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003645.D (-1786) (-)

11.51

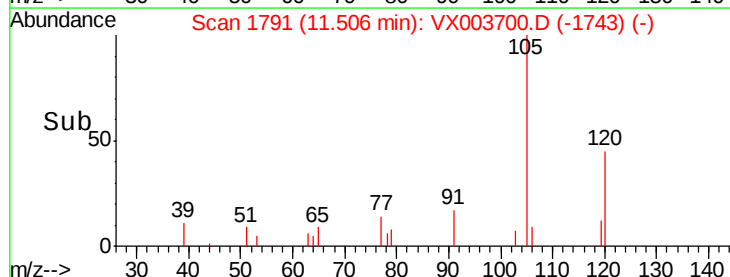
1500

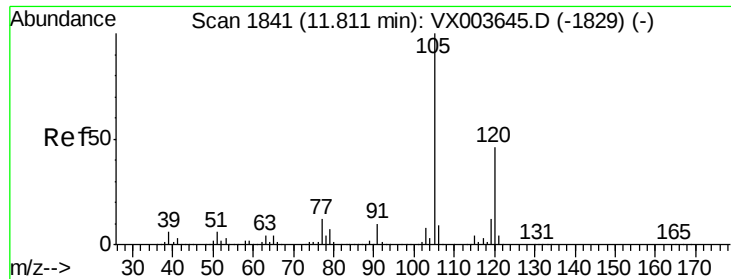
1000

500

0

Time--> 11.50 11.55

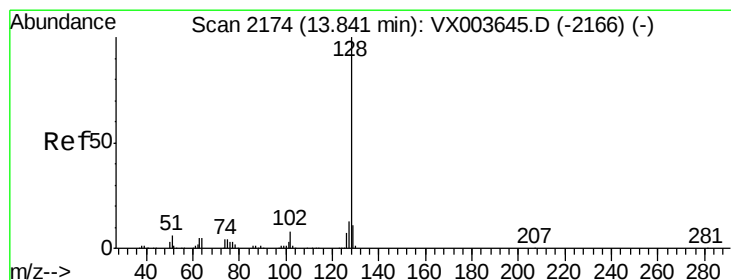
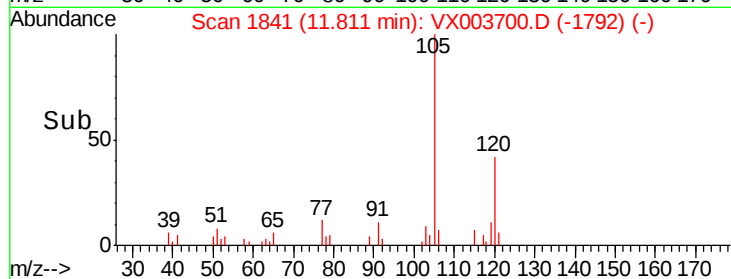
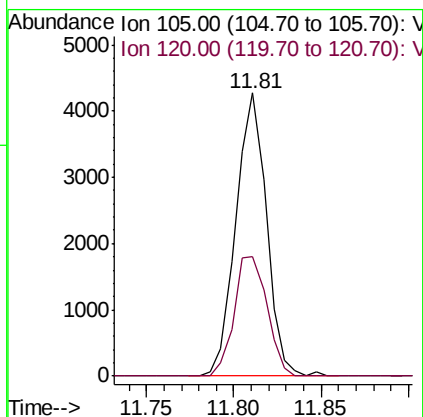
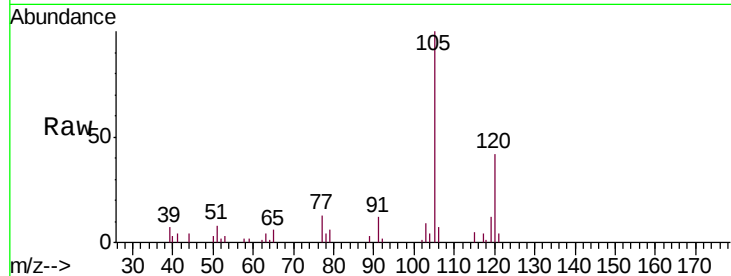




#84
 1,2,4-Trimethylbenzene
 Concen: 1.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003700.D
 Acq: 27 Jul 2018 06:00

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0489-180718

Tot Ion:105 Resp: 5208
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8



#95
 Naphthalene
 Concen: 0.39 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: VX003700.D
 Acq: 27 Jul 2018 06:00

Tgt Ion:128 Resp: 2202
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.4 15.6
 129 11.8 8.7 13.1

