

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003701.D
 Acq On : 27 Jul 2018 06:27
 Operator : JC/SP
 Sample : J4100-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LA119SW005-W-180719

Quant Time: Jul 27 07:33:54 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

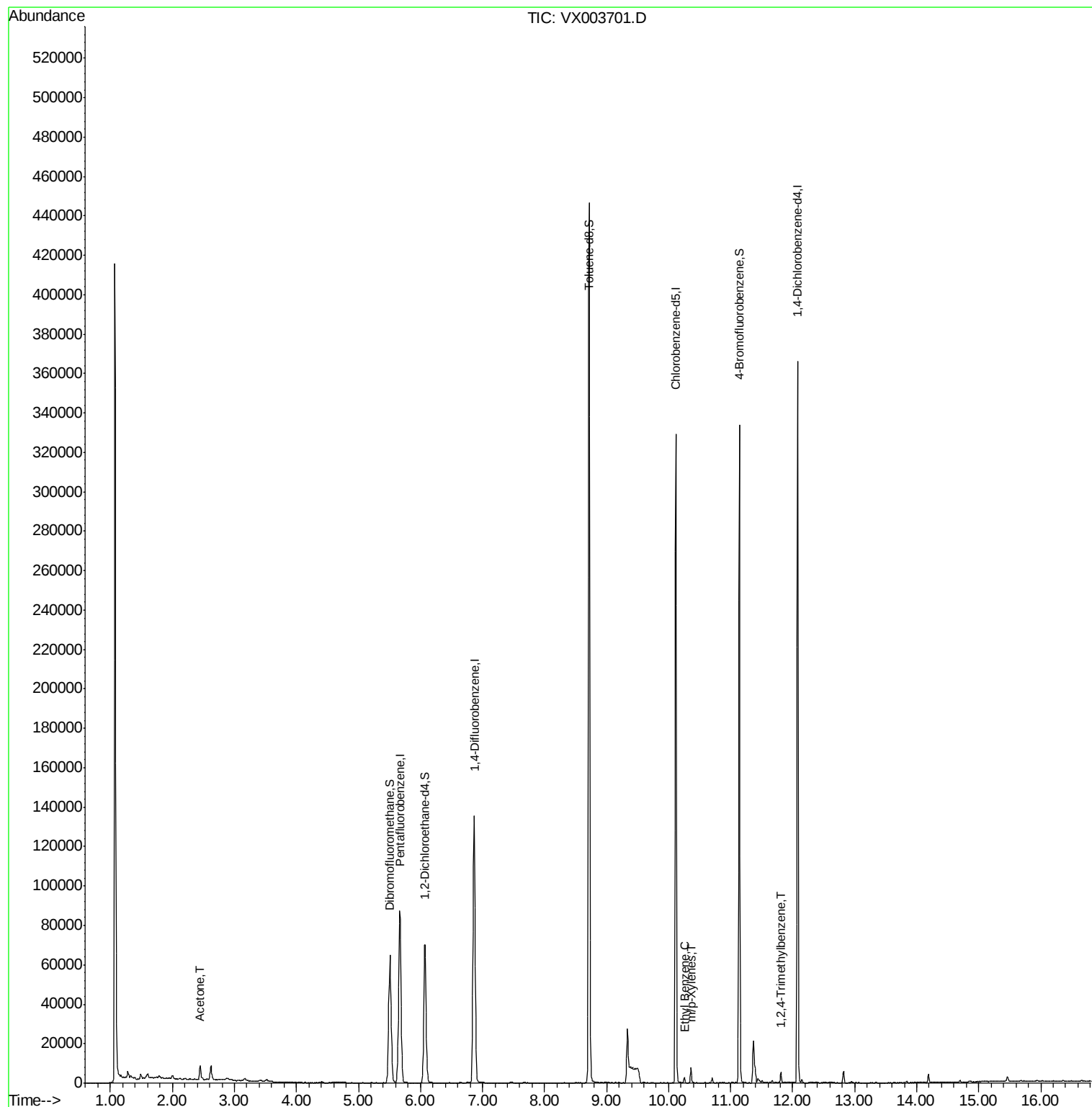
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	84573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	136194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	76621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	67174	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
35) Dibromofluoromethane	5.51	113	54311	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
50) Toluene-d8	8.72	98	266337	62.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.36%	
62) 4-Bromofluorobenzene	11.14	95	80741	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
16) Acetone	2.45	43	7332	12.46	ug/l	97
67) Ethyl Benzene	10.26	91	1673	0.27	ug/l	91
68) m/p-Xylenes	10.36	106	1861	0.79	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	2345	0.52	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003701.D

Acq: 27 Jul 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

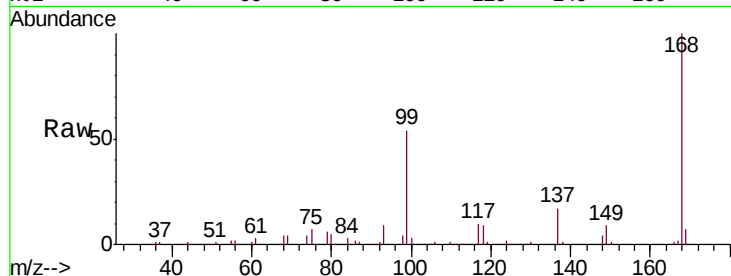
LA119SW005-W-180719

Tot Ion:168 Resp: 84573

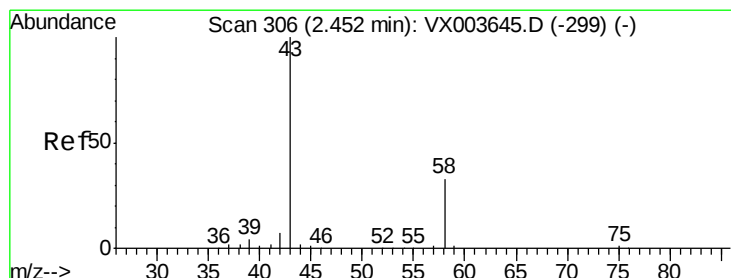
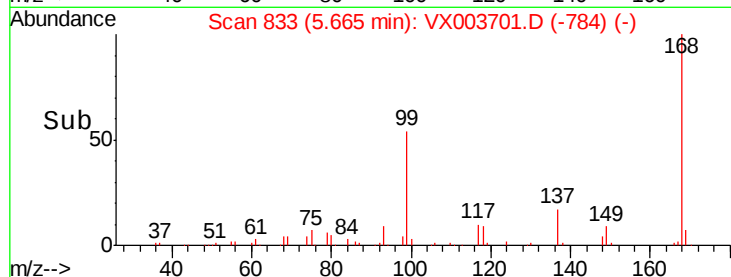
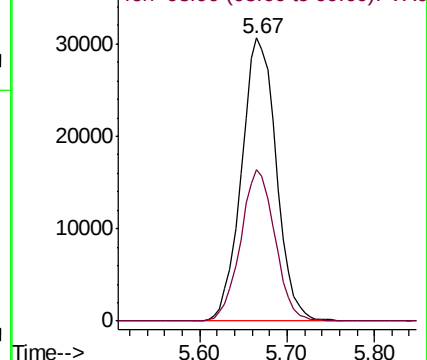
Ion Ratio Lower Upper

168 100

99 53.7 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): VX003701.D (-784) (-)



#16

Acetone

Concen: 12.46 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003701.D

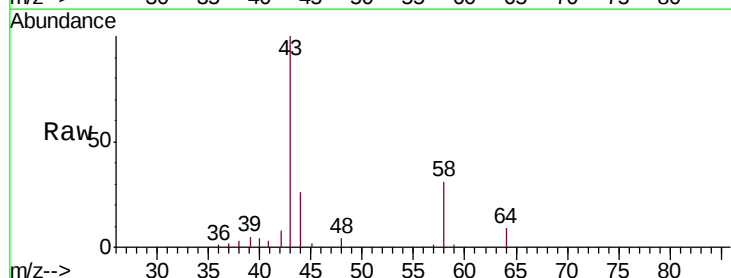
Acq: 27 Jul 2018 06:27

Tgt Ion: 43 Resp: 7332

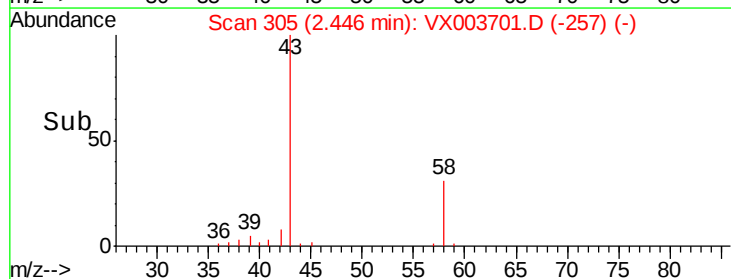
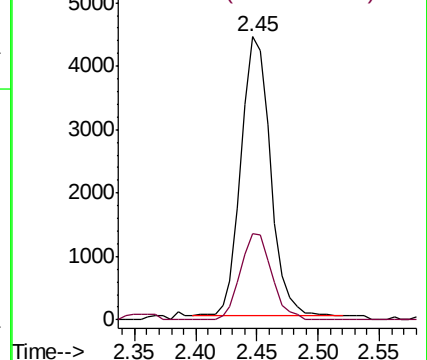
Ion Ratio Lower Upper

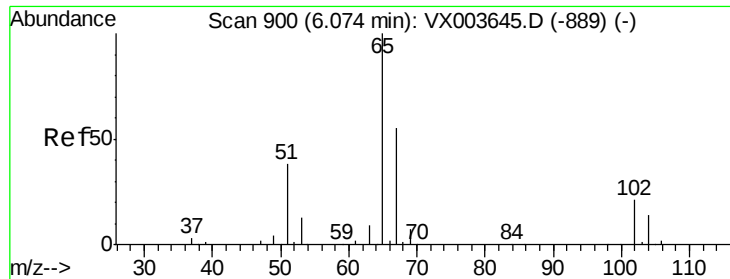
43 100

58 31.0 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX003701.D (-257) (-)

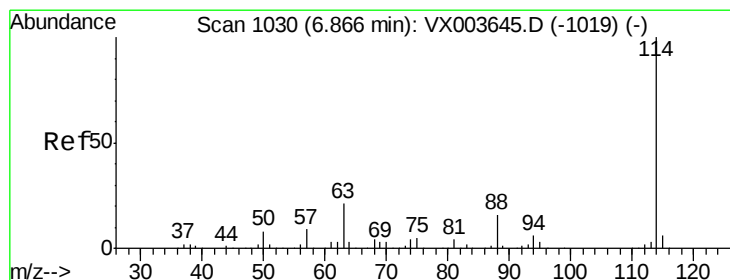
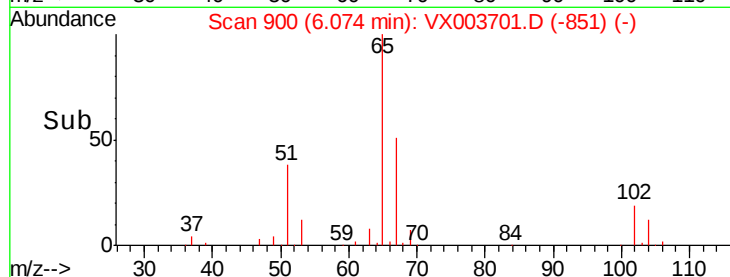
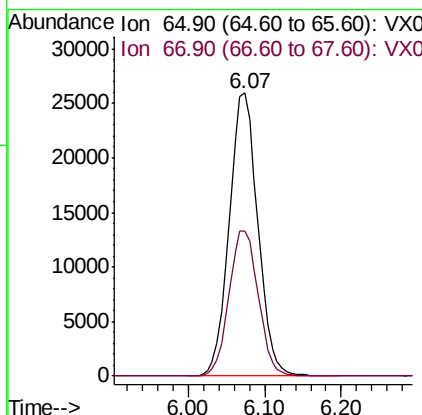
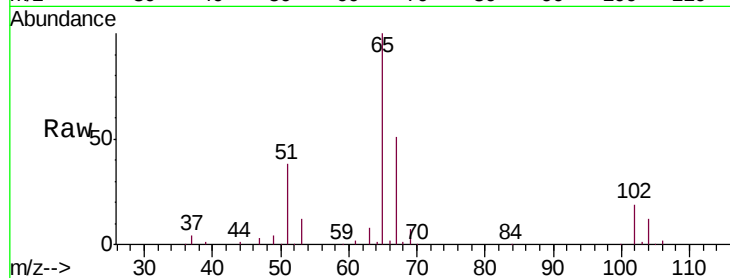




#33
 1,2-Dichloroethane-d4
 Concen: 53.62 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003701.D
 Acq: 27 Jul 2018 06:27

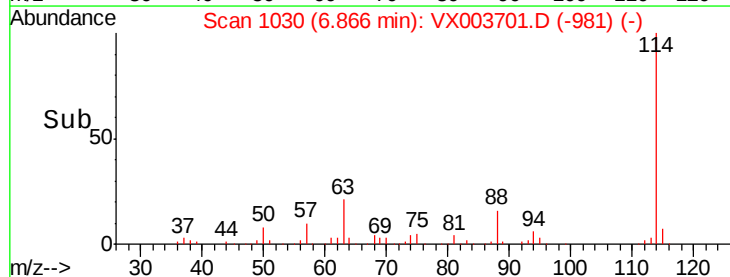
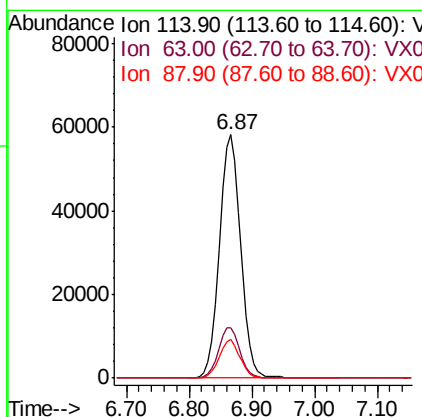
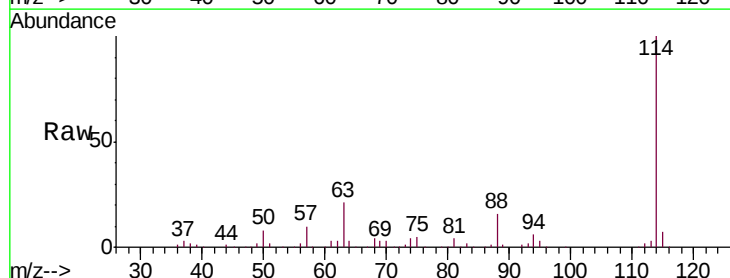
Instrument :
 MSVOA_X
 ClientSampleId :
 LA119SW005-W-180719

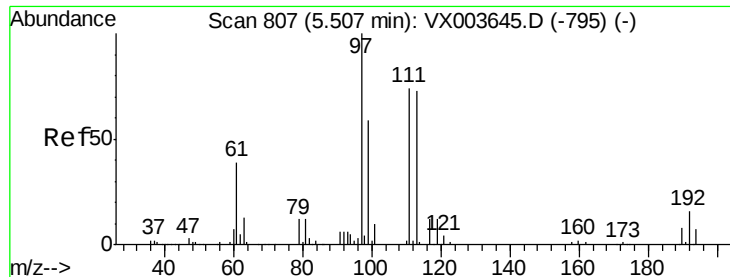
Tot Ion: 65 Resp: 67174
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003701.D
 Acq: 27 Jul 2018 06:27

Tgt Ion: 114 Resp: 136194
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.0
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.78 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003701.D

Acq: 27 Jul 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

LA119SW005-W-180719

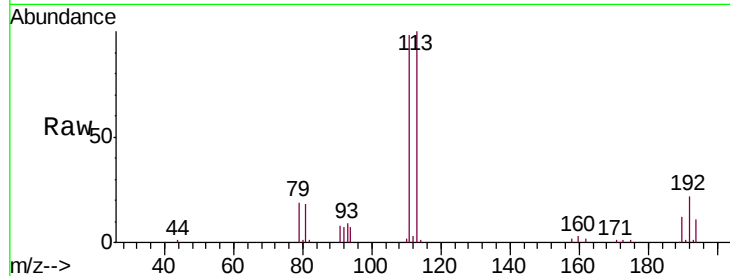
Tot Ion:113 Resp: 54311

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

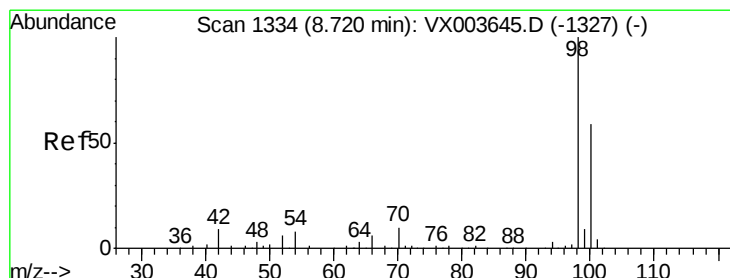
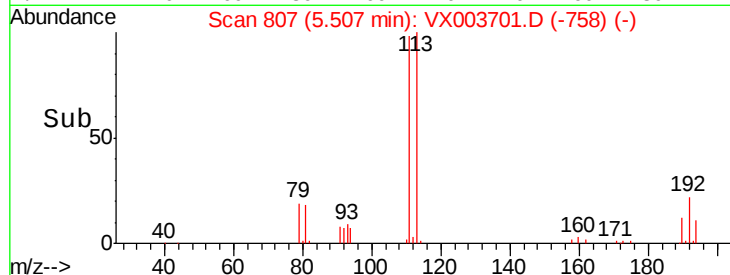
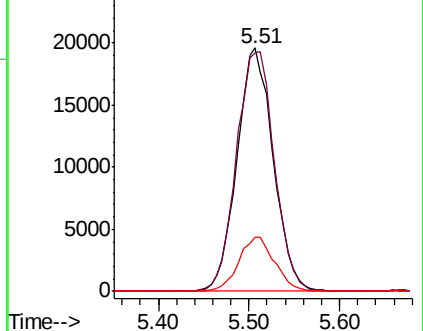
192 21.9 18.2 27.4



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: 62.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003701.D

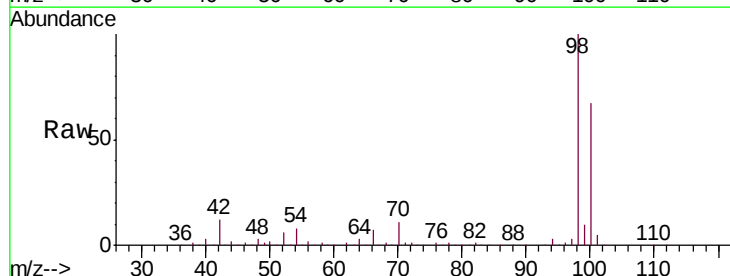
Acq: 27 Jul 2018 06:27

Tgt Ion: 98 Resp: 266337

Ion Ratio Lower Upper

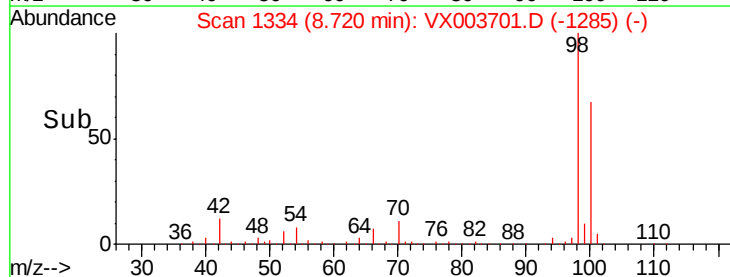
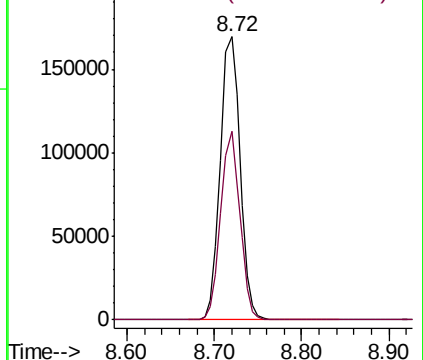
98 100

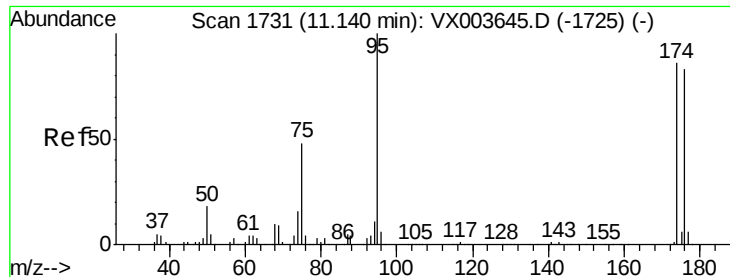
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

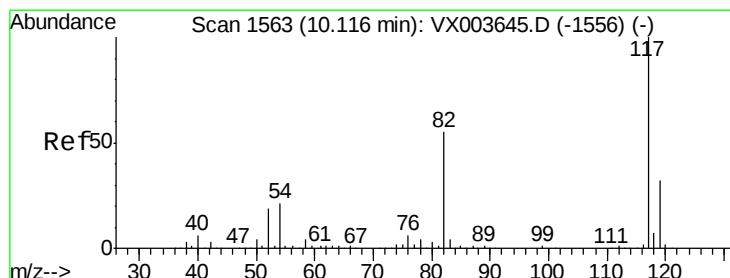
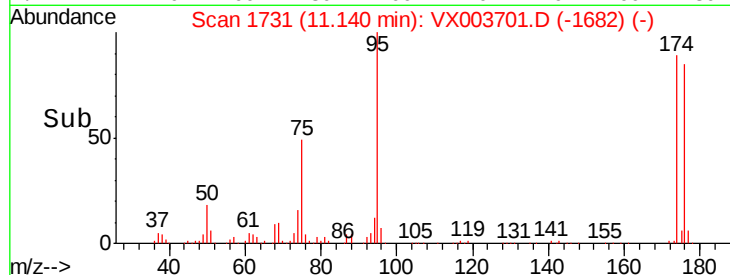
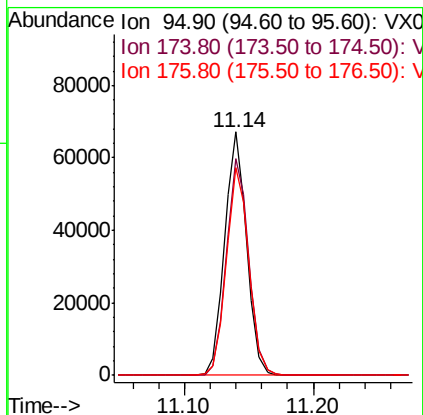
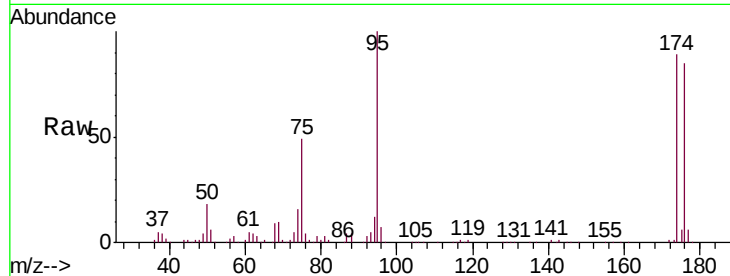




#62
4-Bromofluorobenzene
Concen: 52.10 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003701.D
Acq: 27 Jul 2018 06:27

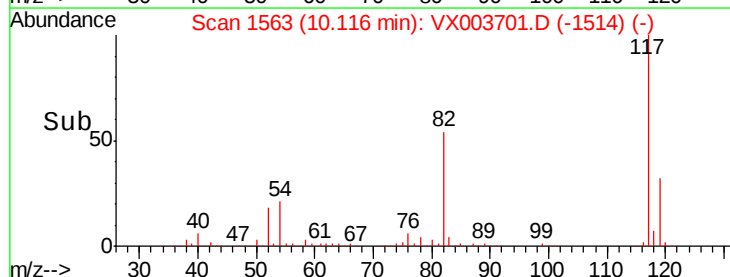
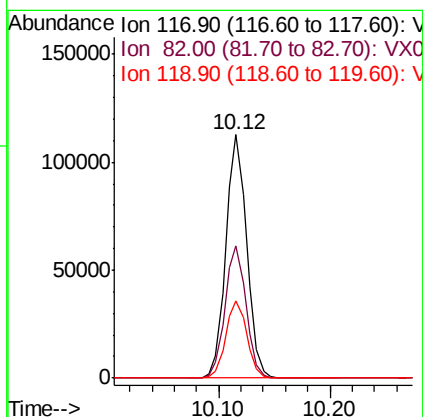
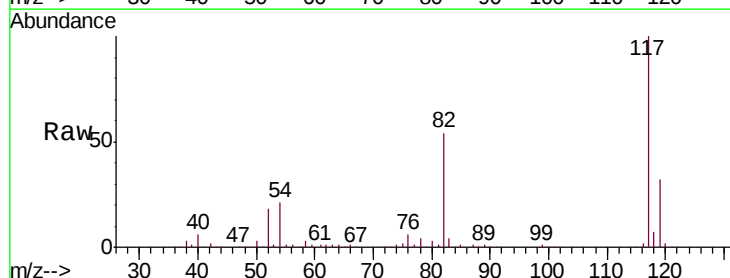
Instrument :
MSVOA_X
ClientSampleId :
LA119SW005-W-180719

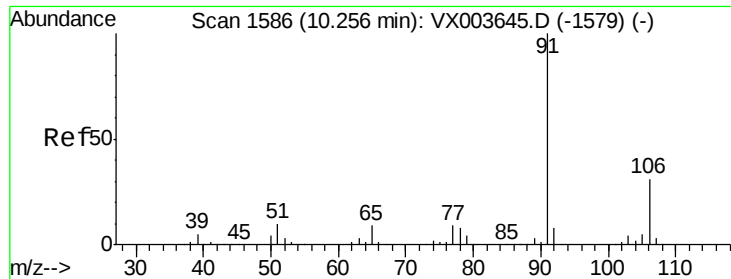
Tot Ion: 95 Resp: 80741
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.0
176 87.4 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003701.D
Acq: 27 Jul 2018 06:27

Tgt Ion: 117 Resp: 145759
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 31.7 25.6 38.4





#67

Ethyl Benzene

Concen: 0.27 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003701.D

Acq: 27 Jul 2018 06:27

Instrument :

MSVOA_X

ClientSampleId :

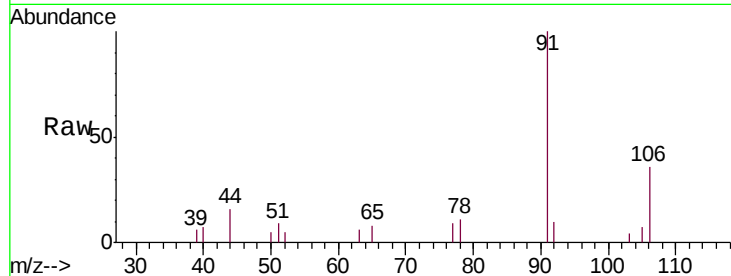
LA119SW005-W-180719

Tot Ion: 91 Resp: 1673

Ion Ratio Lower Upper

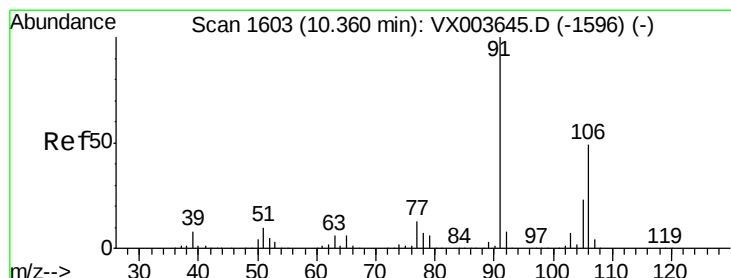
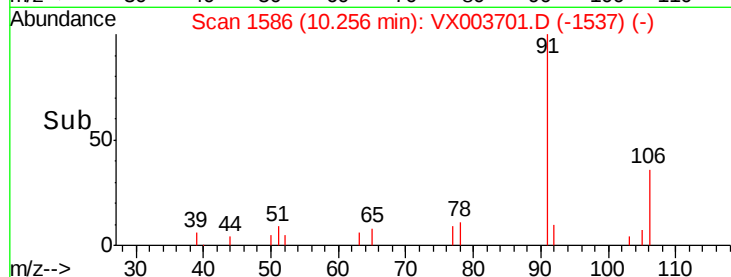
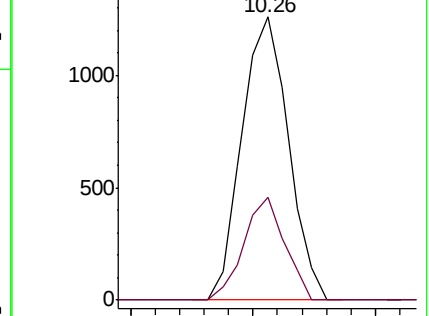
91 100

106 36.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 0.79 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003701.D

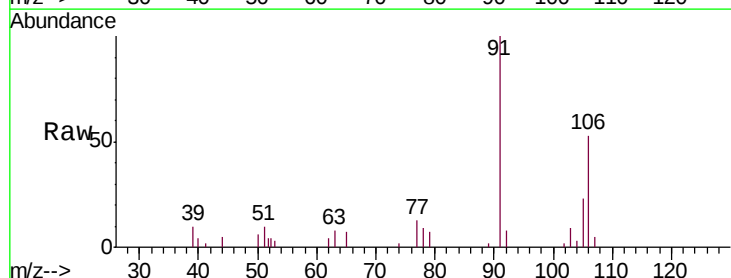
Acq: 27 Jul 2018 06:27

Tgt Ion: 106 Resp: 1861

Ion Ratio Lower Upper

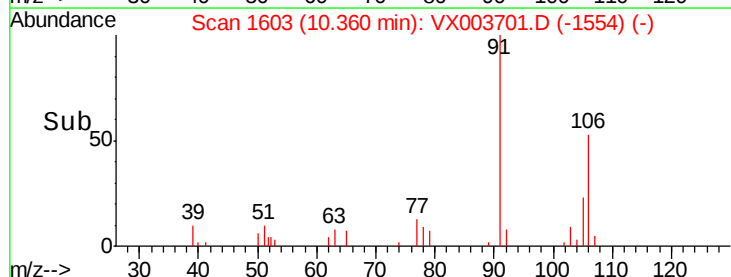
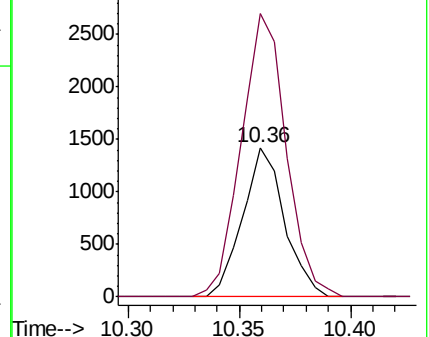
106 100

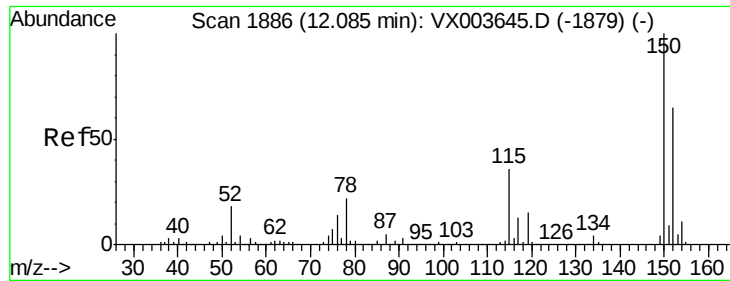
91 203.2 162.2 243.2



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: VX003701.D

Acq: 27 Jul 2018 06:27

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LA119SW005-W-180719

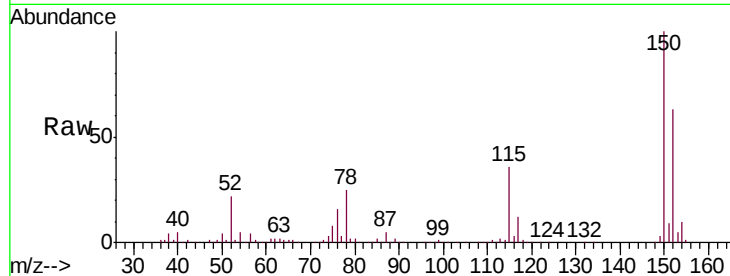
Tot Ion:152 Resp: 76621

Ion Ratio Lower Upper

152 100

115 55.3 40.0 119.9

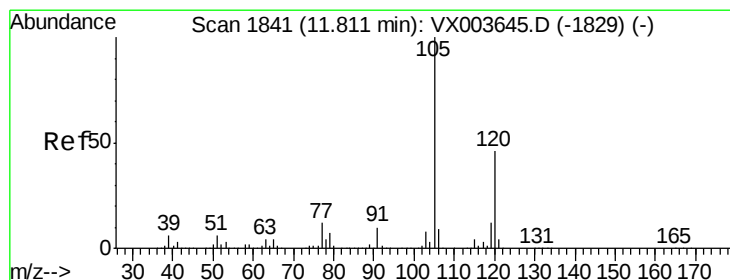
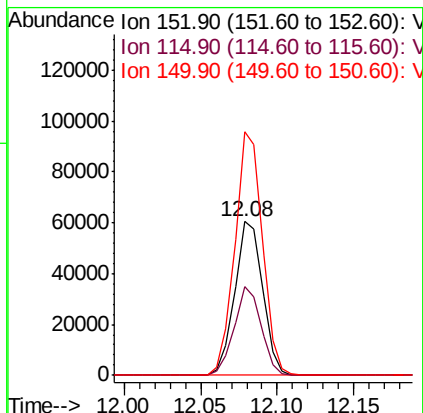
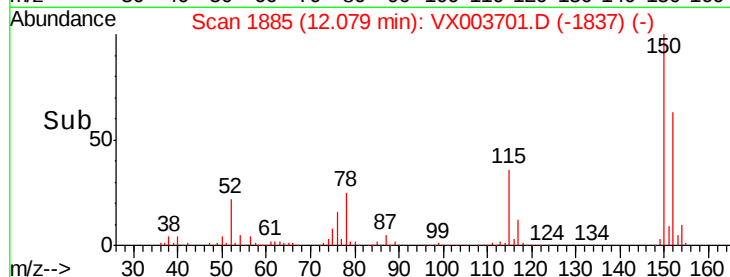
150 155.8 0.0 348.4



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



#84

1,2,4-Trimethylbenzene

Concen: 0.52 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003701.D

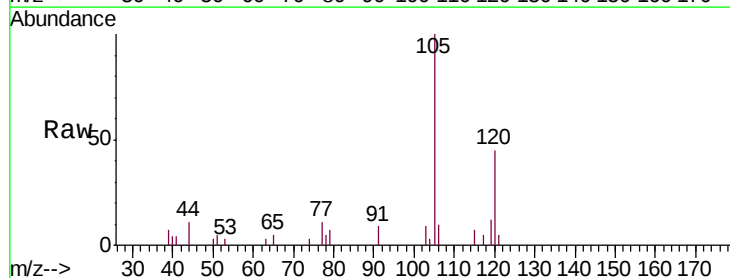
Acq: 27 Jul 2018 06:27

Tgt Ion:105 Resp: 2345

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

