

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003811.D
 Acq On : 01 Aug 2018 22:36
 Operator : JC/SP
 Sample : J4121-09RE
 Misc : 9.72G/5.0mL/MSVOA X/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-072318RE

Quant Time: Aug 02 08:07:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

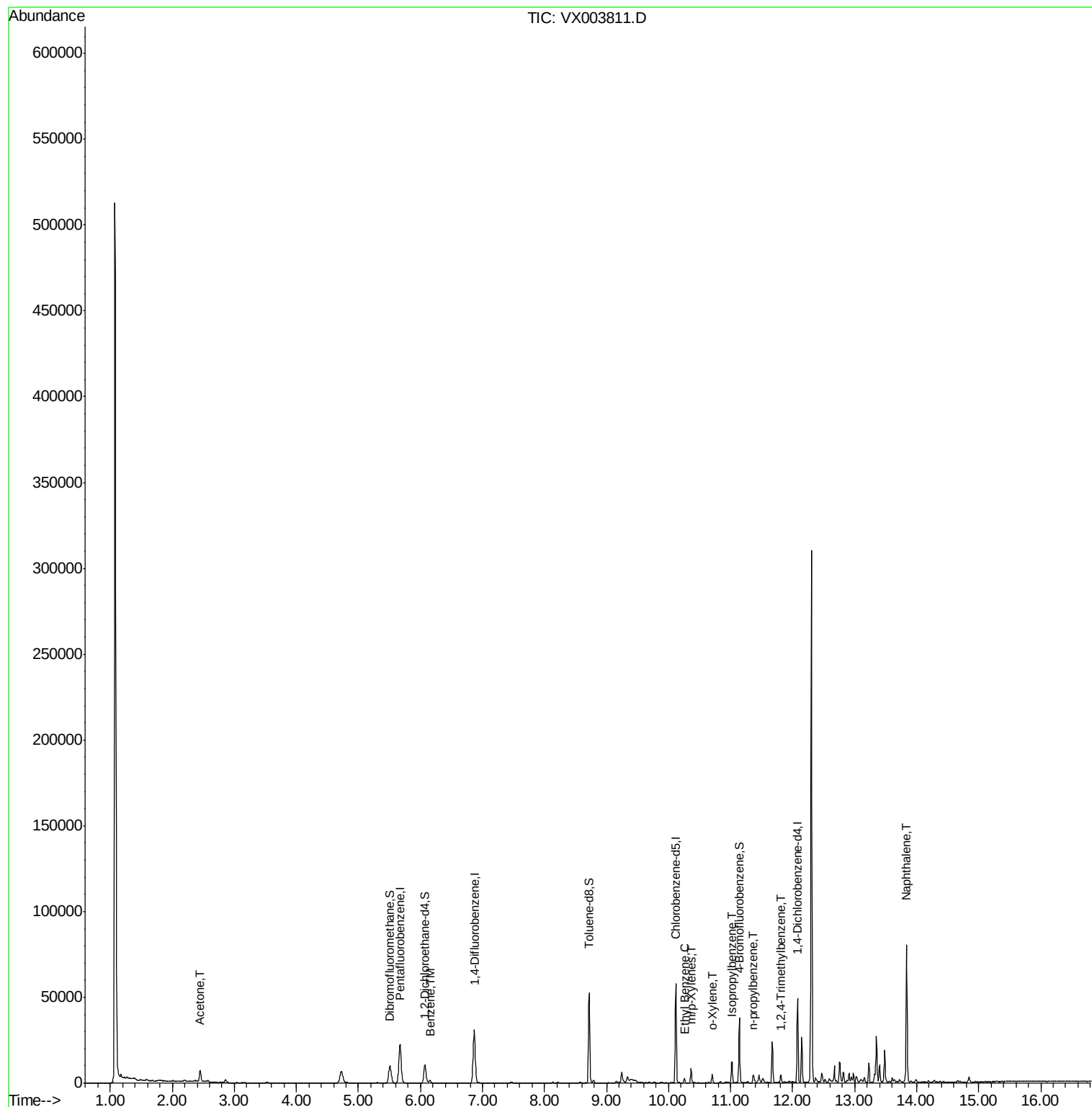
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	23408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	31594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	26135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	10101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	10239	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
35) Dibromofluoromethane	5.51	113	8817	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	8.72	98	31478	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
62) 4-Bromofluorobenzene	11.14	95	9214	32.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.44%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	6918	76.502	ug/l	94
40) Benzene	6.15	78	1858	2.191	ug/l	94
67) Ethyl Benzene	10.26	91	1619	1.756	ug/l	94
68) m/p-Xylenes	10.37	106	1967	5.453	ug/l	97
69) o-Xylene	10.70	106	1081	3.227	ug/l	99
73) Isopropylbenzene	11.02	105	6430	10.168	ug/l	98
78) n-propylbenzene	11.37	91	1306	1.705	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	2017	3.631	ug/l	97
95) Naphthalene	13.83	128	49425	93.880	ug/l	100

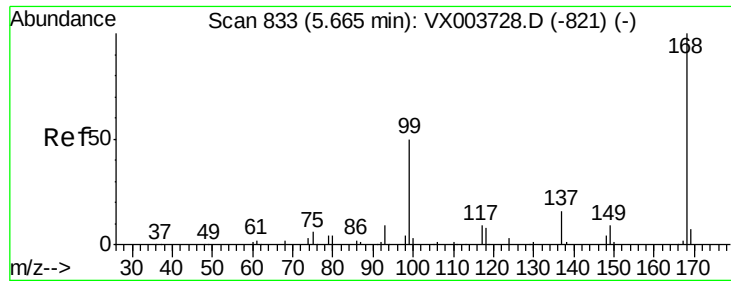
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080118\
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Quant Time: Aug 02 08:07:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003811.D

Acq: 01 Aug 2018 22:36

Instrument :

MSVOA_X

ClientSampleId :

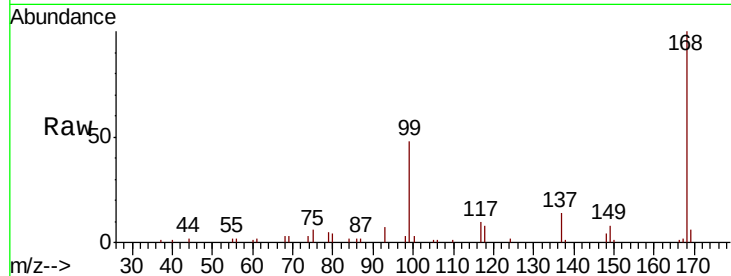
DUP-072318RE

Tot Ion:168 Resp: 23408

Ion Ratio Lower Upper

168 100

99 48.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

8000

6000

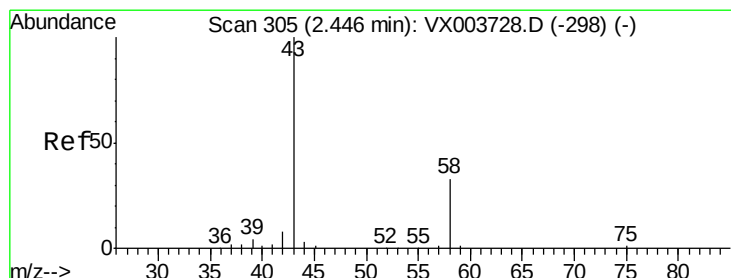
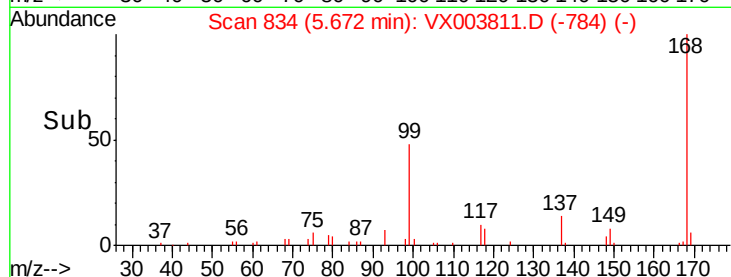
4000

2000

0

Time-->

5.60 5.70



#16

Acetone

Concen: 76.502 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003811.D

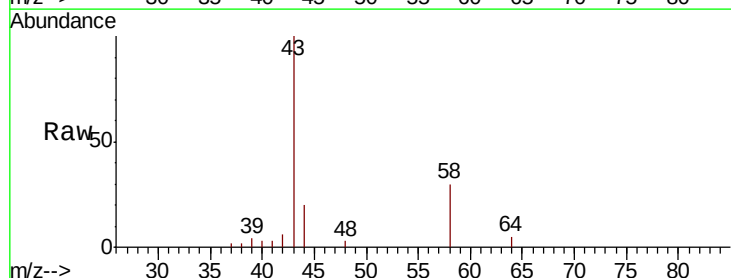
Acq: 01 Aug 2018 22:36

Tgt Ion: 43 Resp: 6918

Ion Ratio Lower Upper

43 100

58 30.0 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

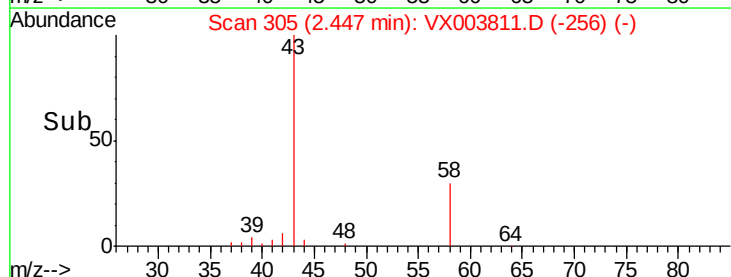
2000

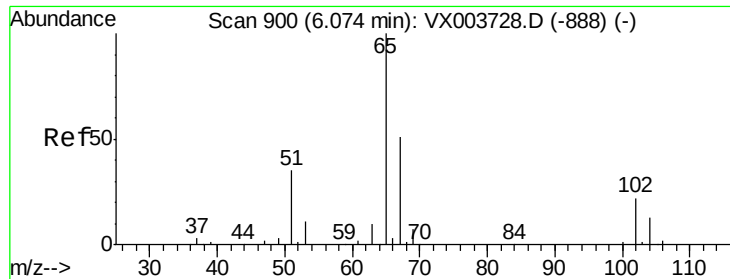
1000

0

Time-->

2.40 2.45 2.50 2.55

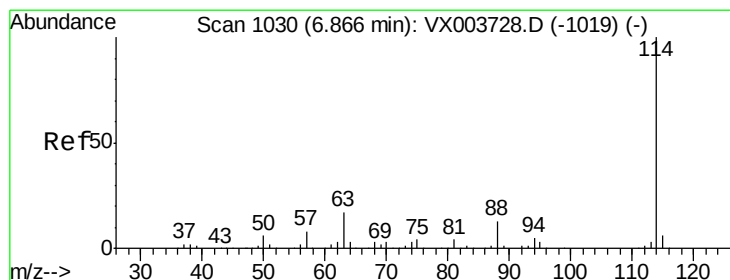
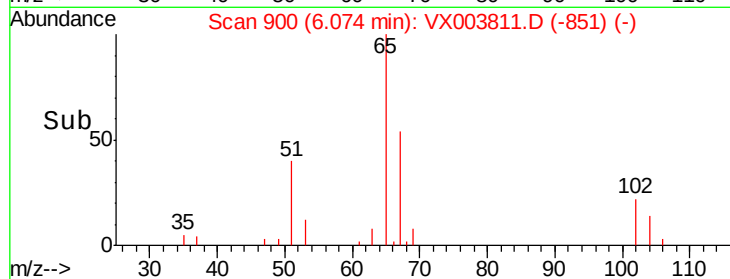
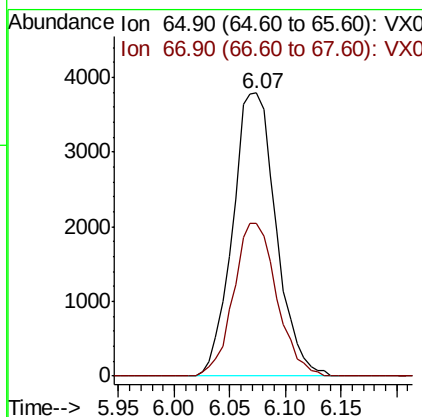
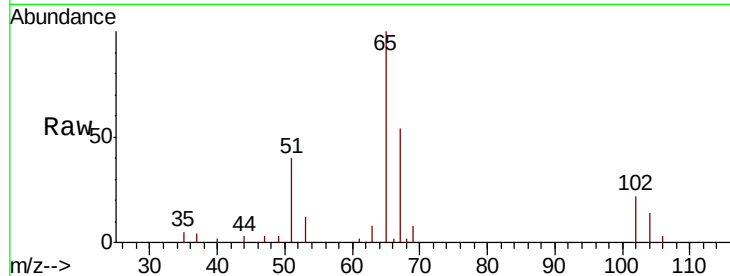




#33
 1,2-Dichloroethane-d4
 Concen: 43.250 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003811.D
 Acq: 01 Aug 2018 22:36

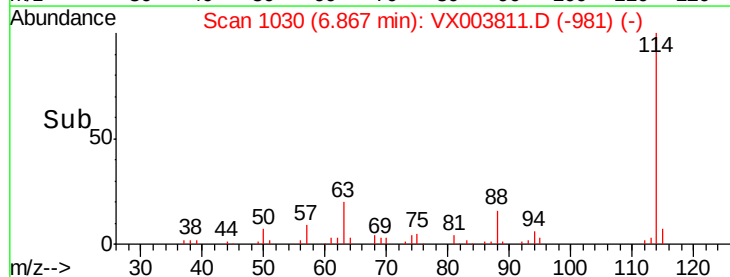
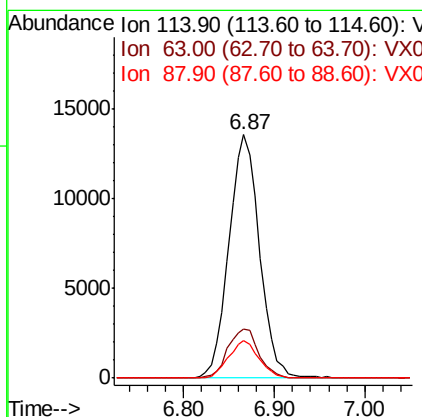
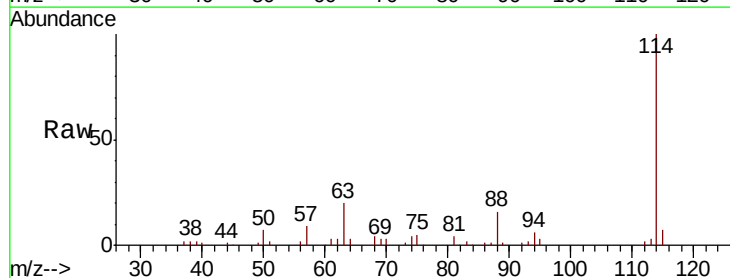
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-072318RE

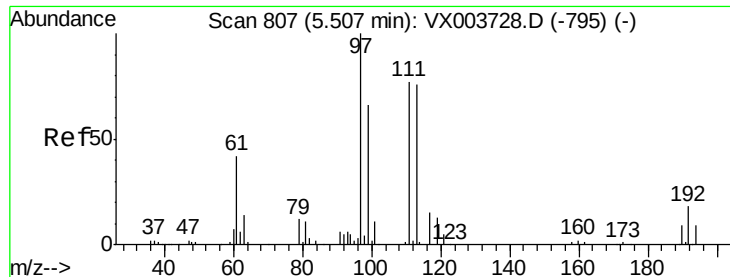
Tot Ion: 65 Resp: 10239
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003811.D
 Acq: 01 Aug 2018 22:36

Tgt Ion: 114 Resp: 31594
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 34.0
 88 15.6 0.0 26.4

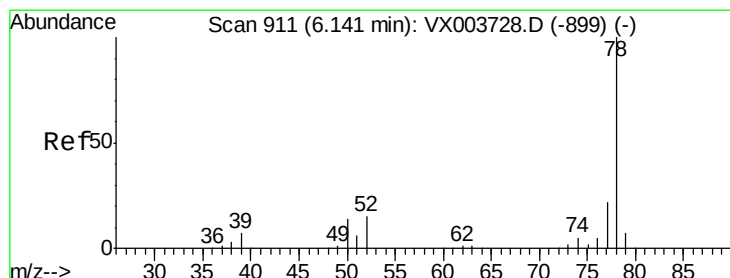
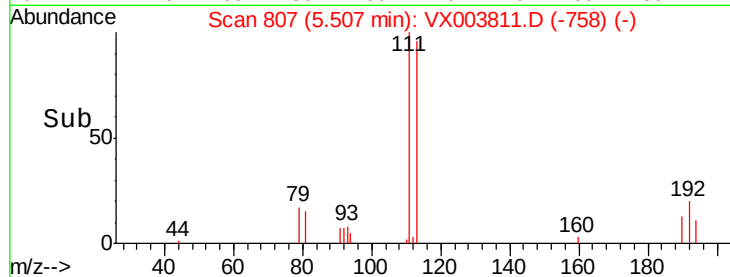
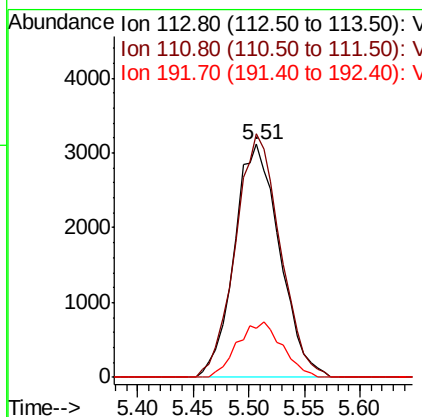
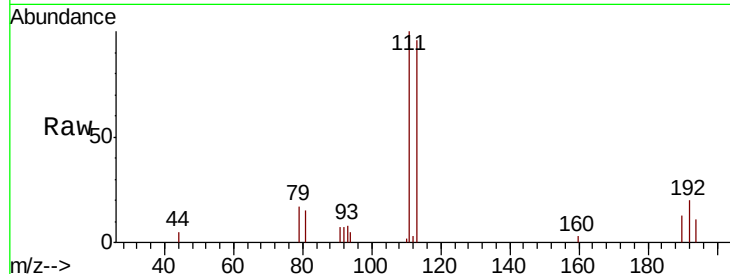




#35
 Dibromofluoromethane
 Concen: 47.395 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003811.D
 Acq: 01 Aug 2018 22:36

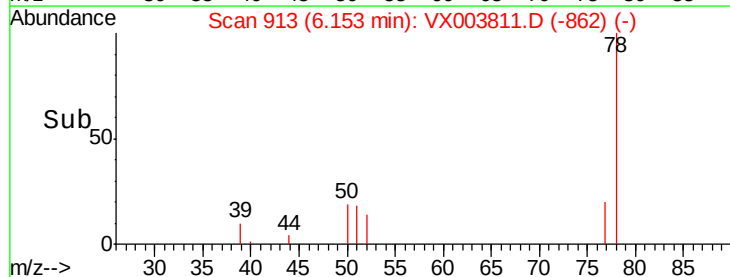
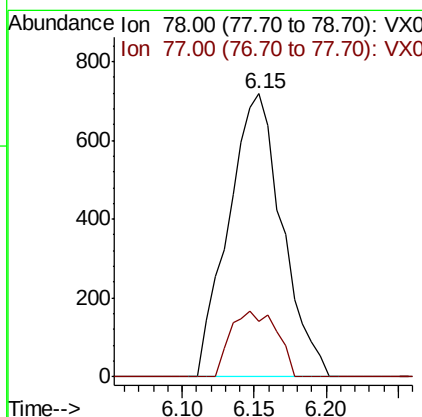
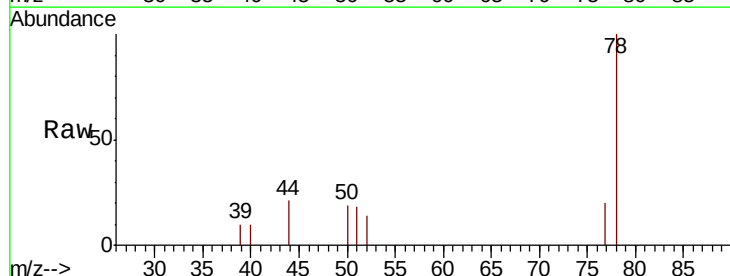
Instrument :
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 ClientSampleId :
 DUP-072318RE

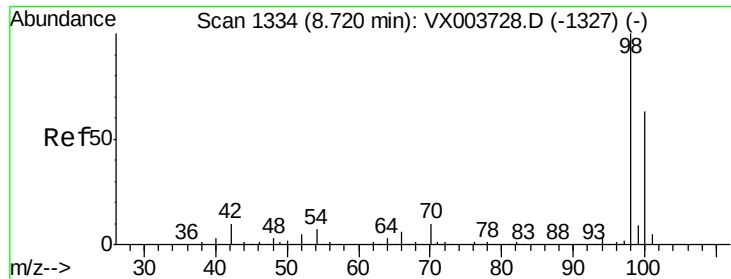
Tot Ion:113 Resp: 8817
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 23.5 18.8 28.2



#40
 Benzene
 Concen: 2.191 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: VX003811.D
 Acq: 01 Aug 2018 22:36

Tgt Ion: 78 Resp: 1858
 Ion Ratio Lower Upper
 78 100
 77 19.6 17.9 26.9

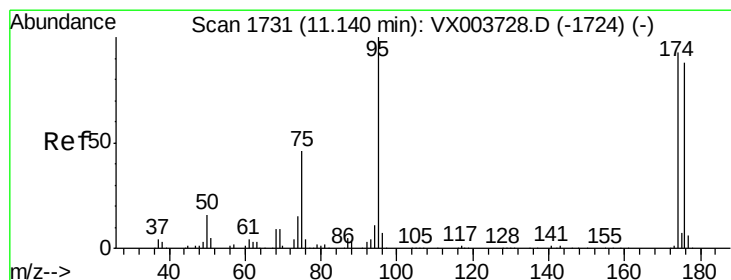
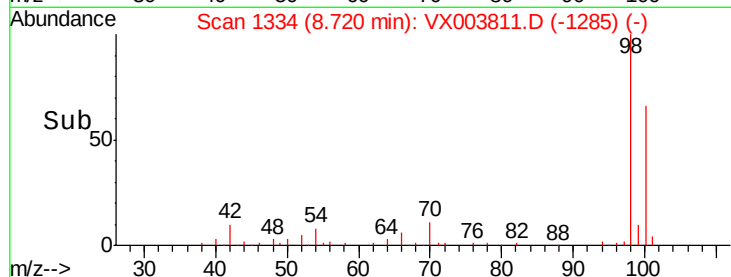
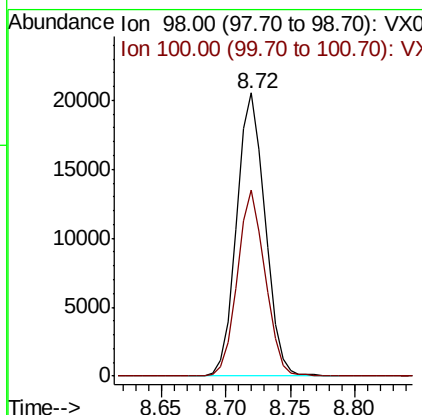
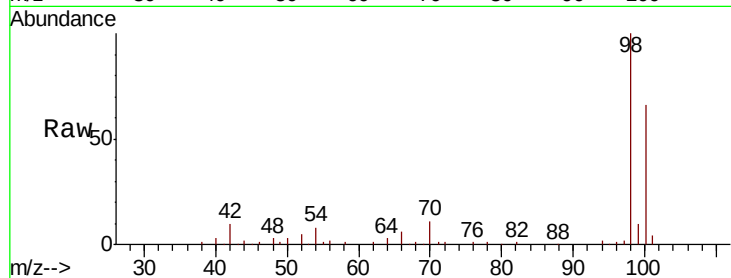




#50
Toluene-d8
Concen: 40.583 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003811.D
Acq: 01 Aug 2018 22:36

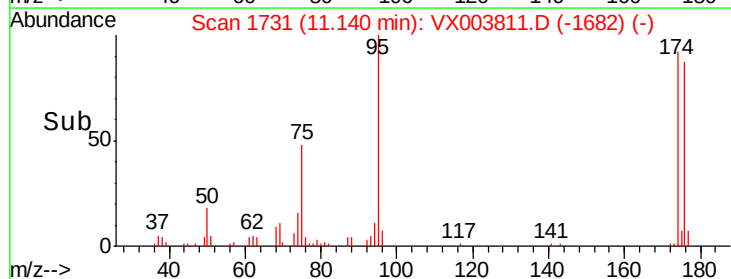
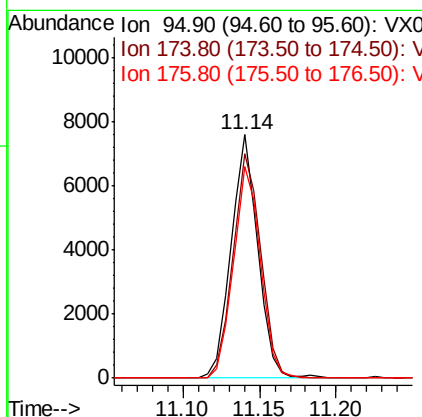
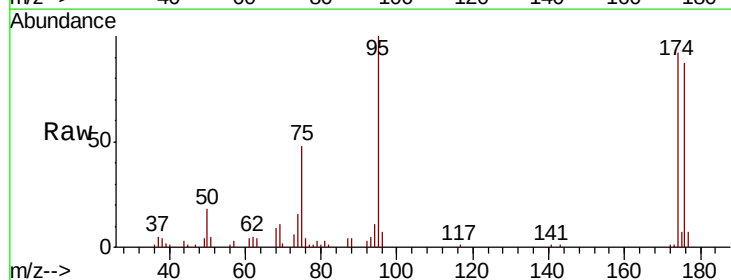
Instrument :
MSVOA_X
ClientSampleId :
DUP-072318RE

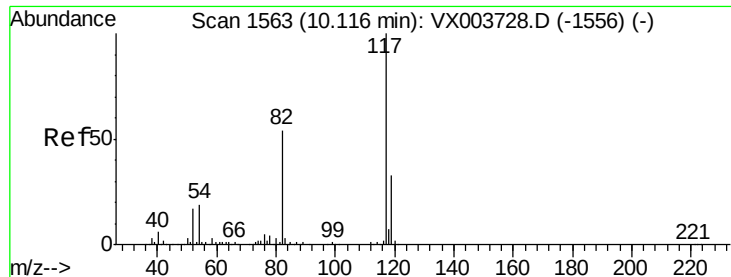
Tot Ion: 98 Resp: 31478
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 32.219 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003811.D
Acq: 01 Aug 2018 22:36

Tgt Ion: 95 Resp: 9214
Ion Ratio Lower Upper
95 100
174 95.7 0.0 186.2
176 87.7 0.0 179.2

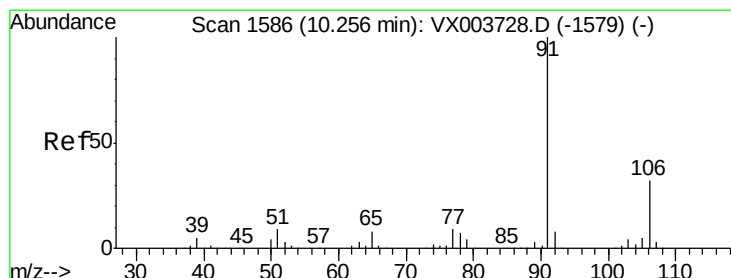
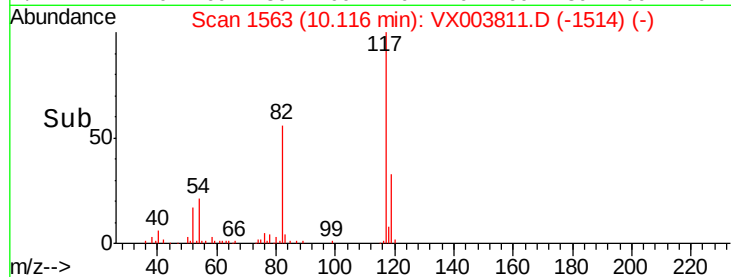
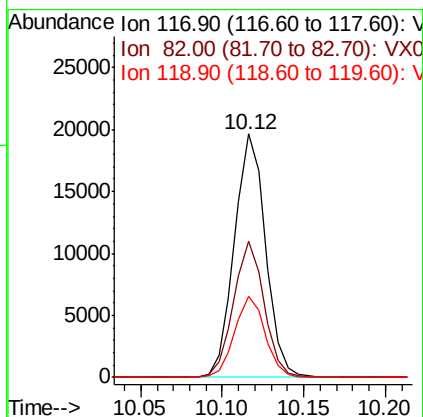
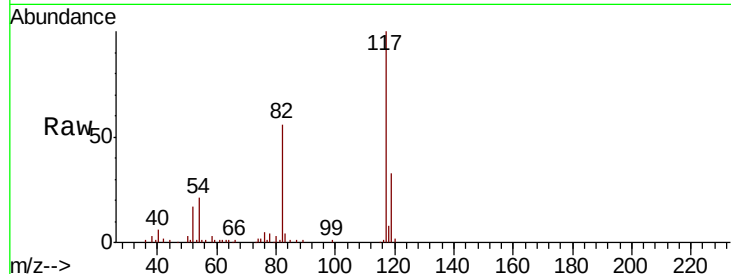




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003811.D
Acq: 01 Aug 2018 22:36

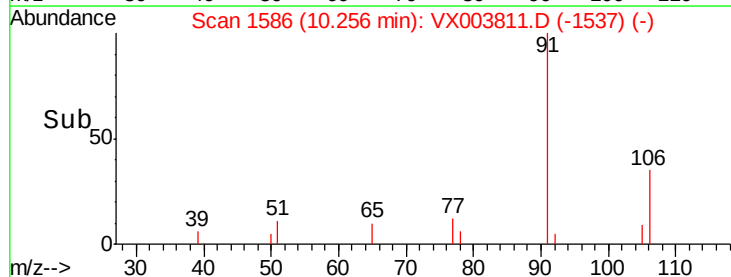
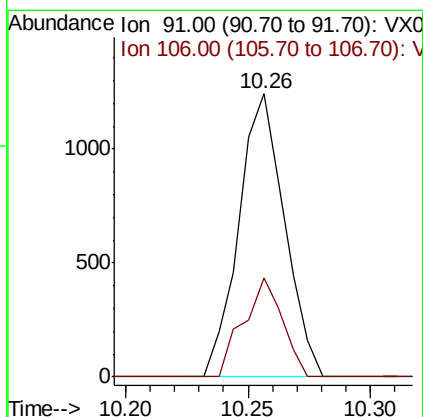
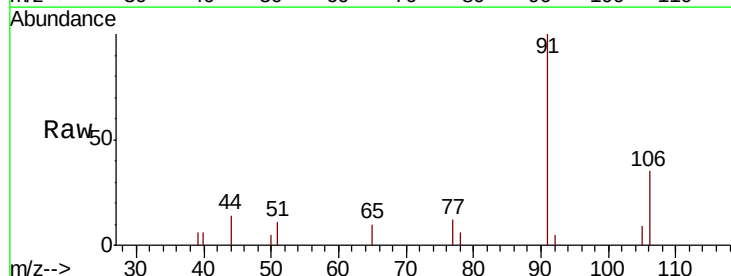
Instrument :
MSVOA_X
ClientSampled :
DUP-072318RE

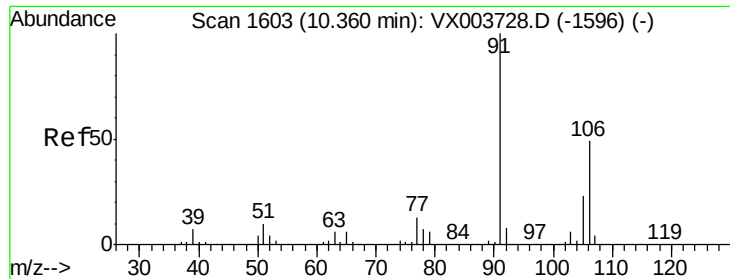
Tot Ion:117 Resp: 26135
Ion Ratio Lower Upper
117 100
82 55.9 43.2 64.8
119 33.2 26.3 39.5



#67
Ethyl Benzene
Concen: 1.756 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003811.D
Acq: 01 Aug 2018 22:36

Tgt Ion: 91 Resp: 1619
Ion Ratio Lower Upper
91 100
106 34.9 25.4 38.2

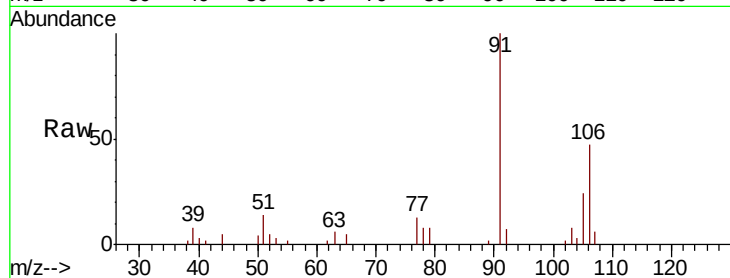




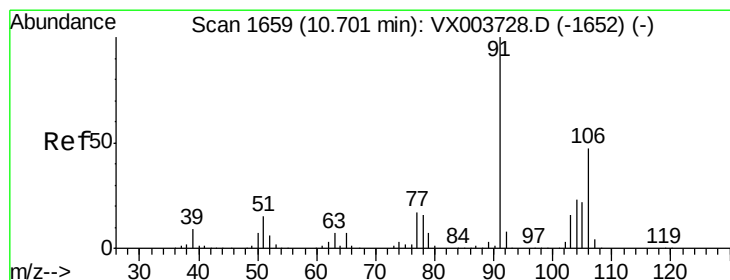
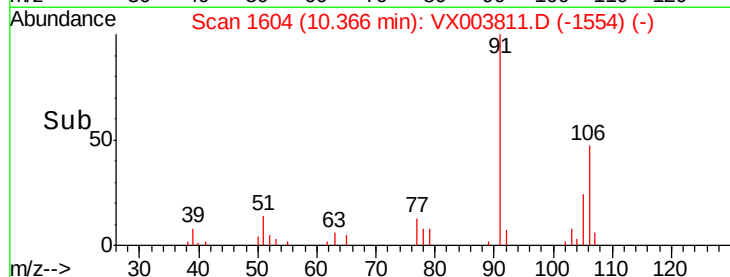
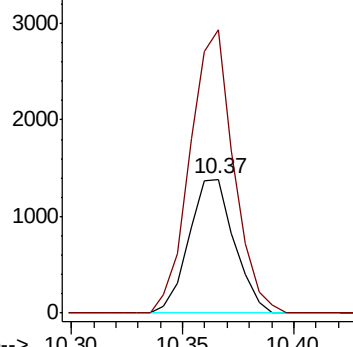
#68
m/p-Xylenes
Concen: 5.453 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003811.D
Acq: 01 Aug 2018 22:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-072318RE

Tot Ion:106 Resp: 1967
Ion Ratio Lower Upper
106 100
91 204.0 159.8 239.8

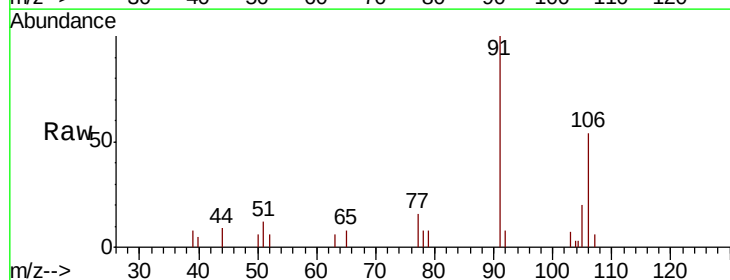


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

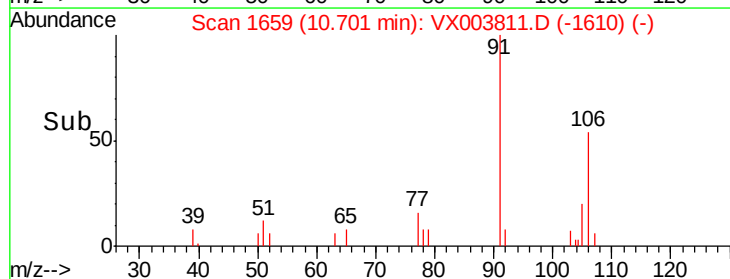
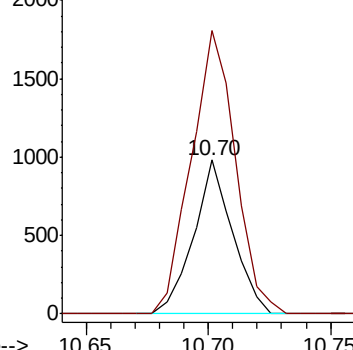


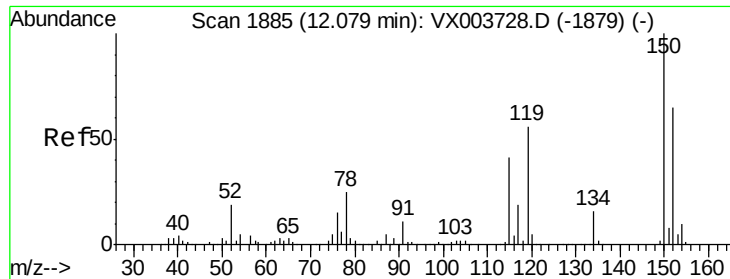
#69
o-Xylene
Concen: 3.227 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003811.D
Acq: 01 Aug 2018 22:36

Tgt Ion:106 Resp: 1081
Ion Ratio Lower Upper
106 100
91 208.9 105.6 316.8



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: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003811.D

Acq: 01 Aug 2018 22:36

Instrument :

MSVOA_X

ClientSampleId :

DUP-072318RE

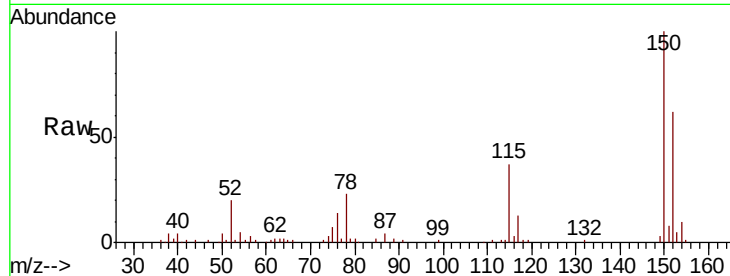
Tot Ion:152 Resp: 10101

Ion Ratio Lower Upper

152 100

115 56.6 38.5 115.3

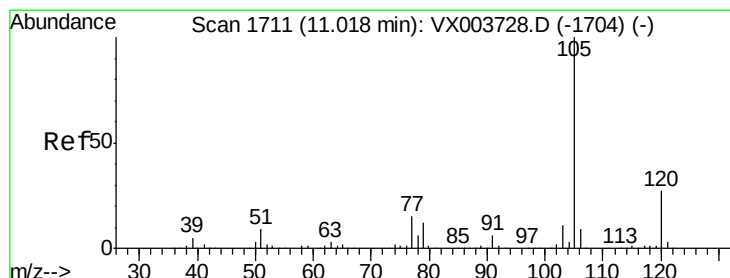
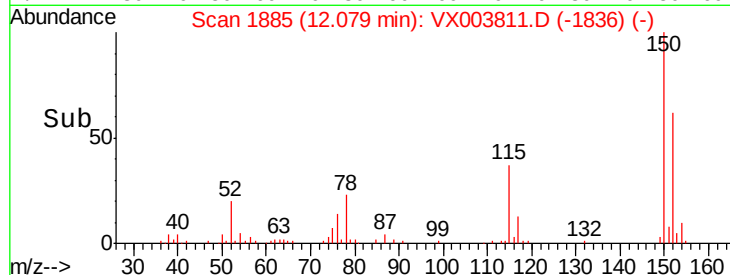
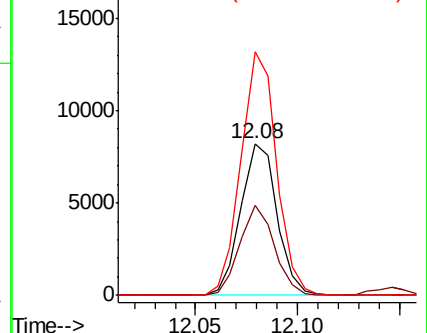
150 157.4 0.0 346.2



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: 10.168 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003811.D

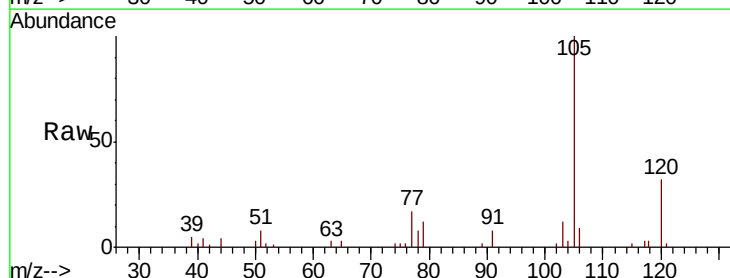
Acq: 01 Aug 2018 22:36

Tgt Ion:105 Resp: 6430

Ion Ratio Lower Upper

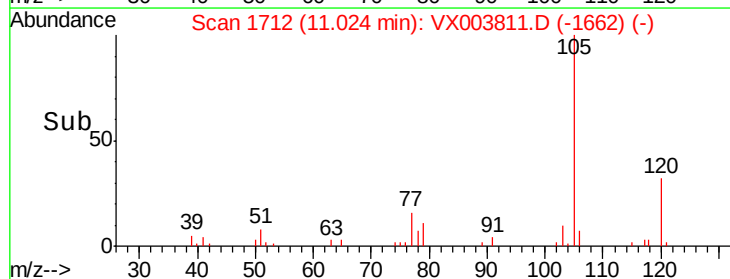
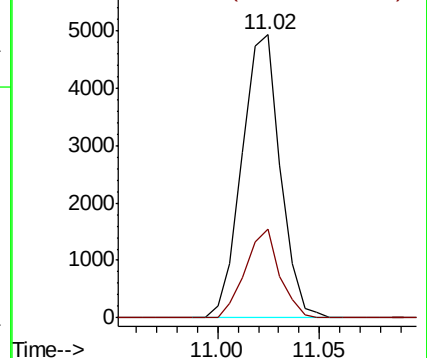
105 100

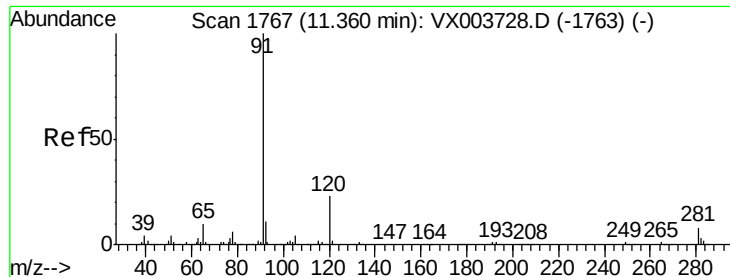
120 28.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.705 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003811.D

Acq: 01 Aug 2018 22:36

Instrument :

MSVOA_X

ClientSampleId :

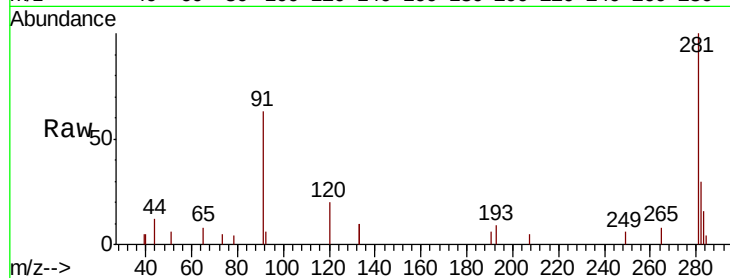
DUP-072318RE

Tot Ion: 91 Resp: 1306

Ion Ratio Lower Upper

91 100

120 24.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX003728.D (-1763) (-)

Ion 120.00 (119.70 to 120.70): VX003728.D (-1763) (-)

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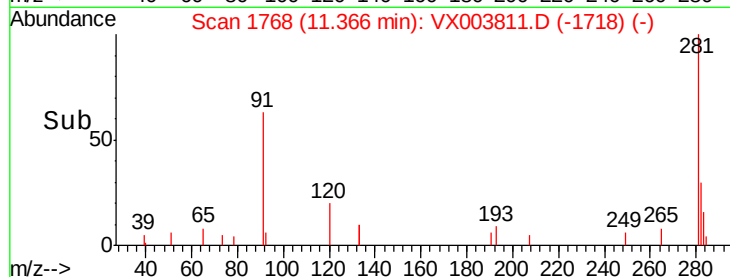
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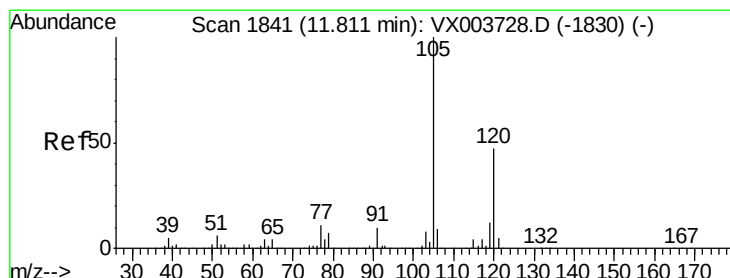
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Time-->



#84

1,2,4-Trimethylbenzene

Concen: 3.631 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003811.D

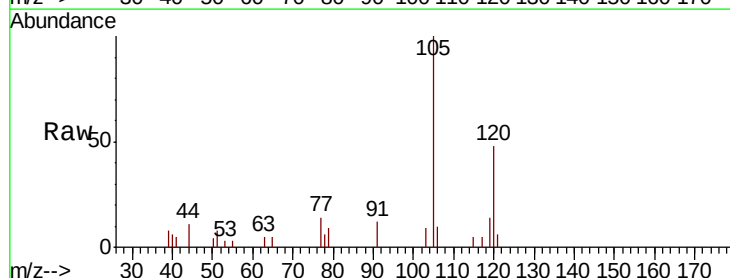
Acq: 01 Aug 2018 22:36

Tgt Ion: 105 Resp: 2017

Ion Ratio Lower Upper

105 100

120 43.9 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): VX003728.D (-1830) (-)

Ion 120.00 (119.70 to 120.70): VX003728.D (-1830) (-)

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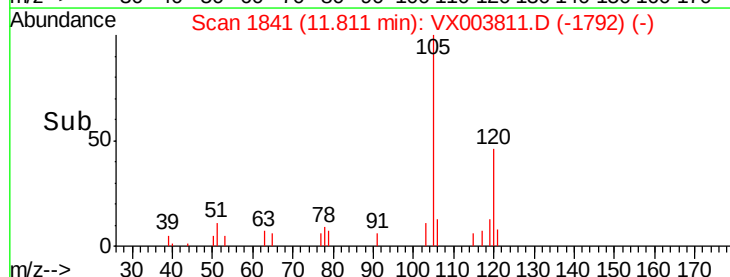
11.81

11.81

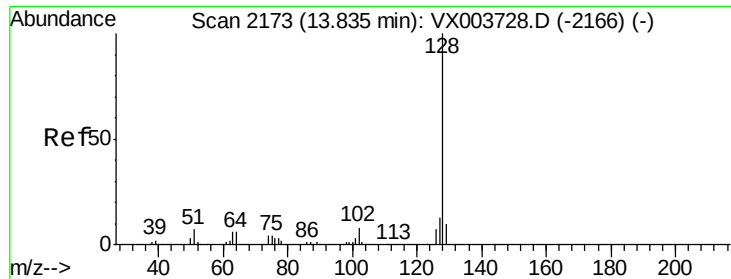
11.81

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Time-->



#95
Naphthalene
Concen: 93.880 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003811.D
Acq: 01 Aug 2018 22:36

Instrument :
MSVOA_X
ClientSampleId :
DUP-072318RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1

