

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010544.D
 Acq On : 28 Jun 2019 18:54
 Operator : JC/SP
 Sample : K3571-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-3

Manual Integrations
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 7/1/2019 11:36:26 AM

Quant Time: Jun 29 06:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	251864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120100	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
35) Dibromofluoromethane	5.50	113	117884	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	461015	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.13	95	158532	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	2675	2.260	ug/l	88
39) Methylcyclohexane	7.46	83	2492	0.612	ug/l	93
67) Ethyl Benzene	10.25	91	5169	0.427	ug/l	96
68) m/p-Xylenes	10.36	106	1840	0.392	ug/l	94
73) Isopropylbenzene	11.02	105	16925	1.429	ug/l	99
78) n-propylbenzene	11.36	91	19863	1.526	ug/l	97
83) tert-Butylbenzene	11.77	119	5600	0.572	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	16170	1.649	ug/l	99
85) sec-Butylbenzene	11.94	105	19035	1.655	ug/l	86
89) n-Butylbenzene	12.38	91	7577m	0.838	ug/l	
95) Naphthalene	13.83	128	27365	2.239	ug/l #	93

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

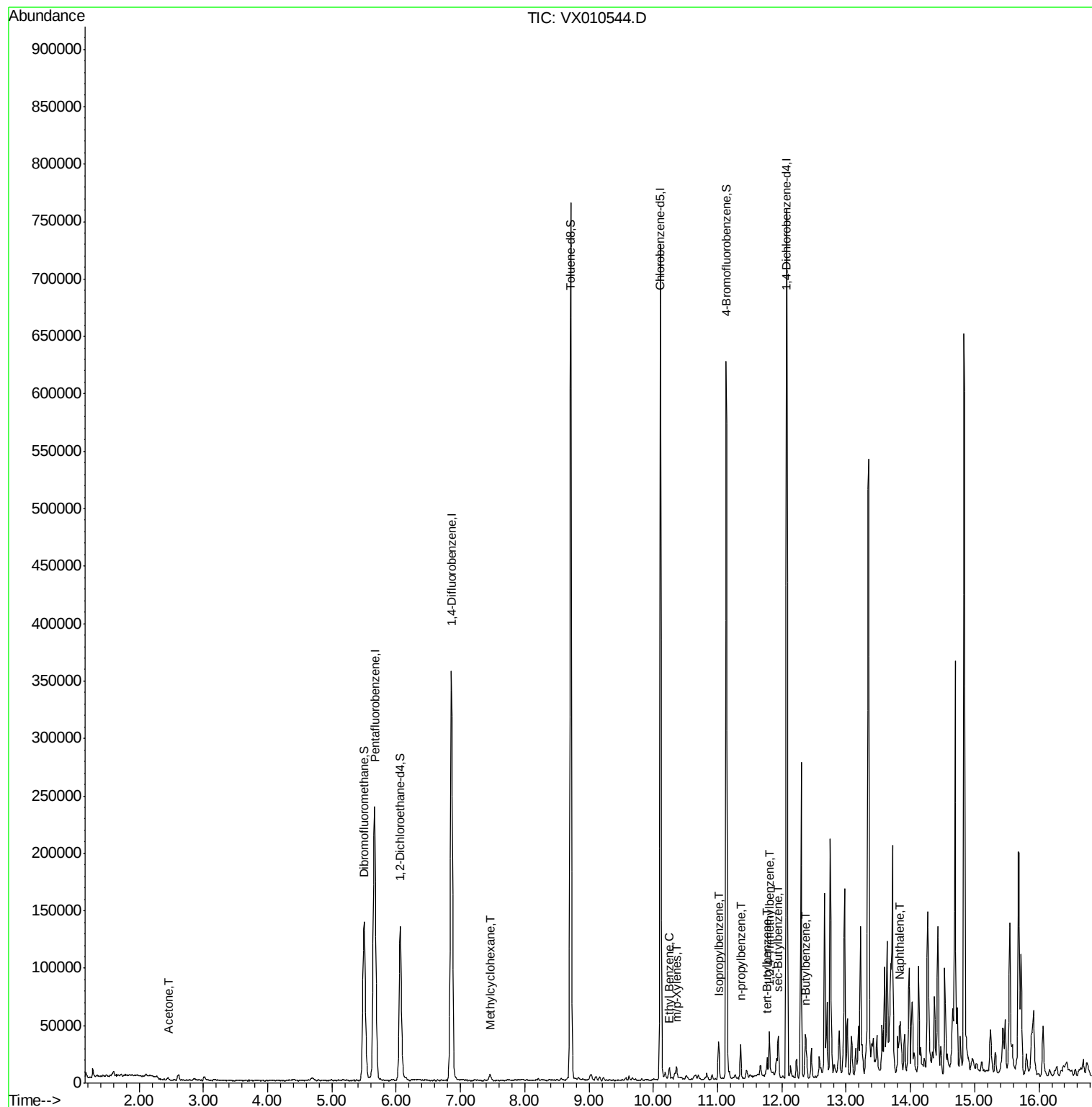
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
Data File : VX010544.D
Acq On : 28 Jun 2019 18:54
Operator : JC/SP
Sample : K3571-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

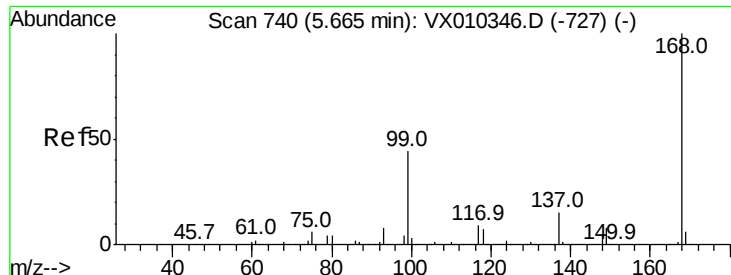
Instrument :
MSVOA_X
ClientSampled :
RW-3

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7/1/2019 11:36:26 AM

Quant Time: Jun 29 06:25:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
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: VX010544.D

Acq: 28 Jun 2019 18:54

Instrument :

MSVOA_X

ClientSampled :

RW-3

Tot Ion:168 Resp: 251864

Ion Ratio Lower Upper

168 100

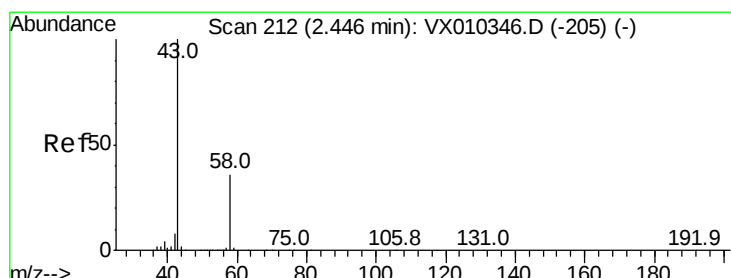
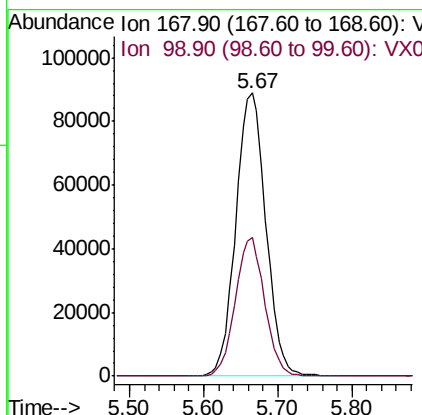
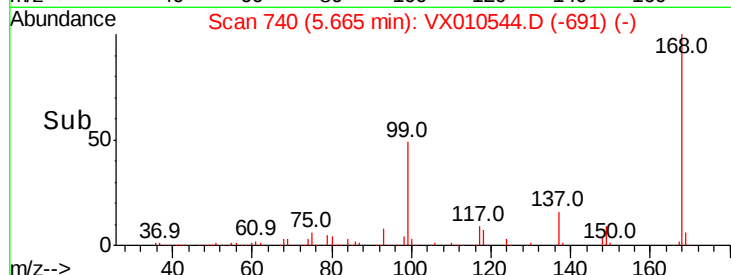
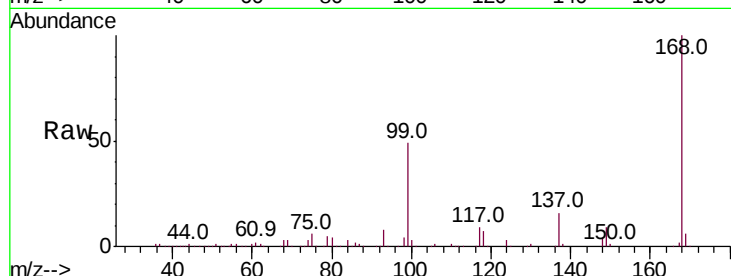
99 49.0 35.5 53.3

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#16

Acetone

Concen: 2.260 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010544.D

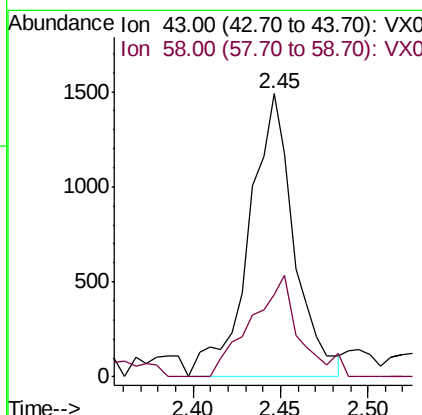
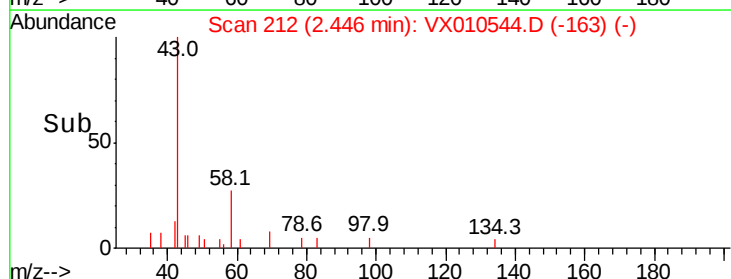
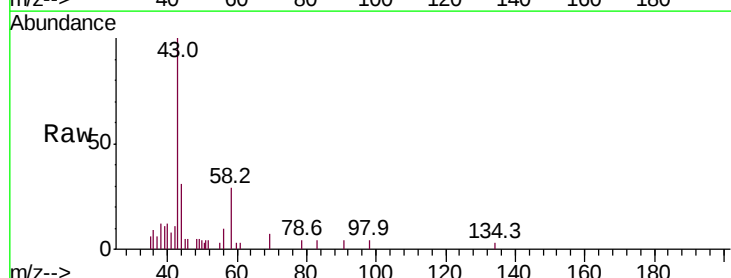
Acq: 28 Jun 2019 18:54

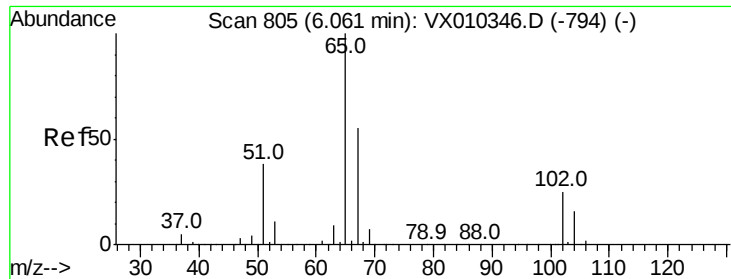
Tgt Ion: 43 Resp: 2675

Ion Ratio Lower Upper

43 100

58 29.0 28.9 43.3





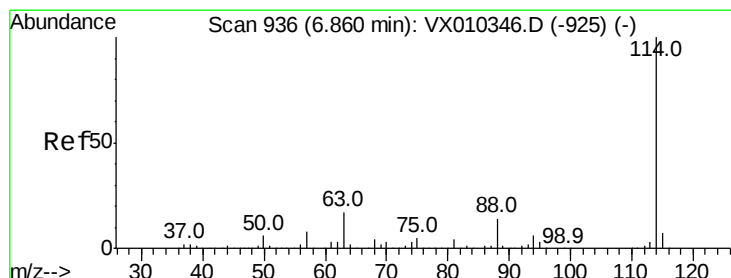
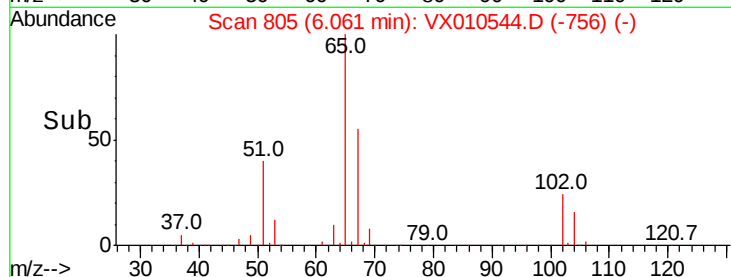
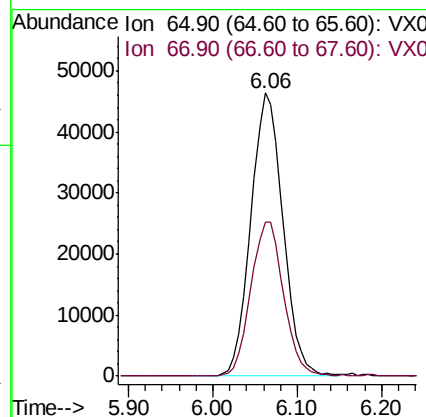
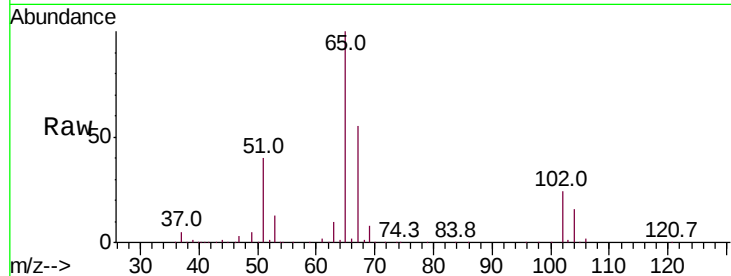
#33
 1,2-Dichloroethane-d4
 Concen: 50.858 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010544.D
 Acq: 28 Jun 2019 18:54

Instrument :
 MSVOA_X
 ClientSampled :
 RW-3

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120100		
67	55.5	0.0	110.2	

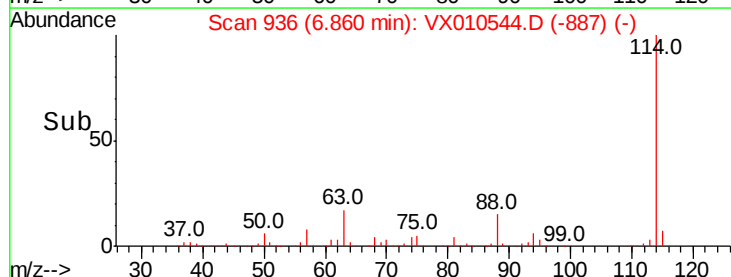
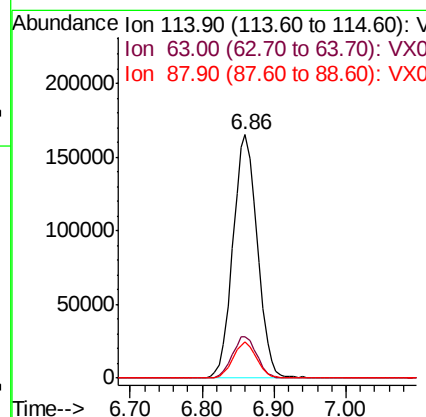
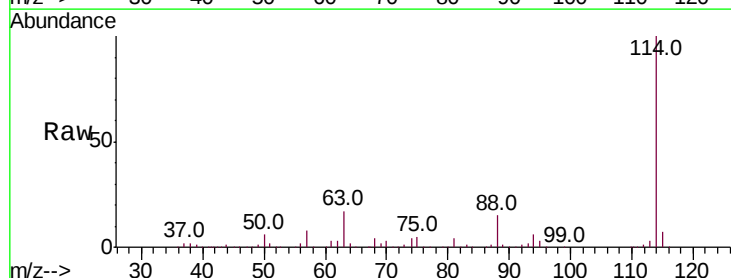
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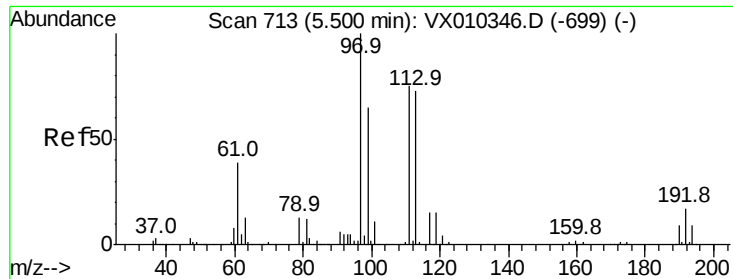
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010544.D
 Acq: 28 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	389915		
63	17.0	0.0	33.8	
88	14.9	0.0	27.6	





#35

Dibromofluoromethane

Concen: 49.414 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

Instrument :

MSVOA_X

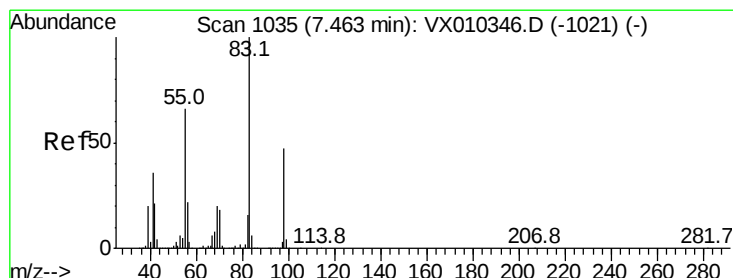
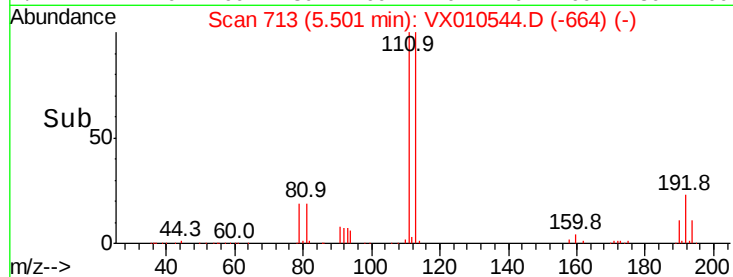
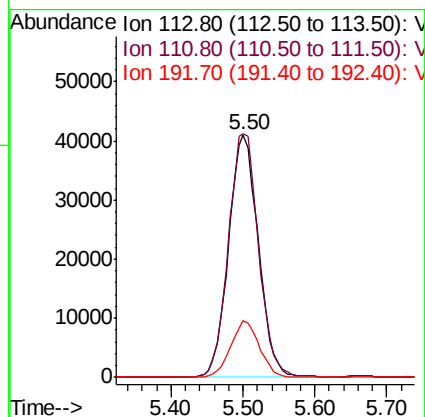
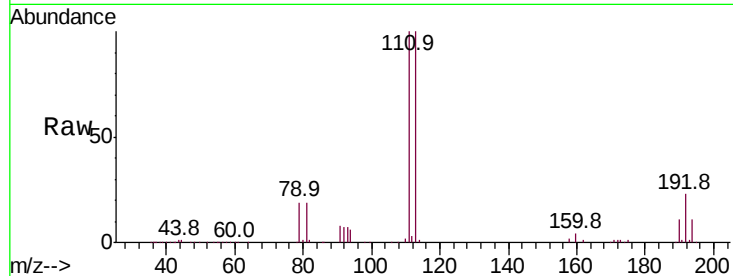
ClientSampled :

RW-3

Tot Ion:	113	Resp:	117884
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.2	121.8
192	22.5	18.6	27.8

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#39

Methylcyclohexane

Concen: 0.612 ug/l

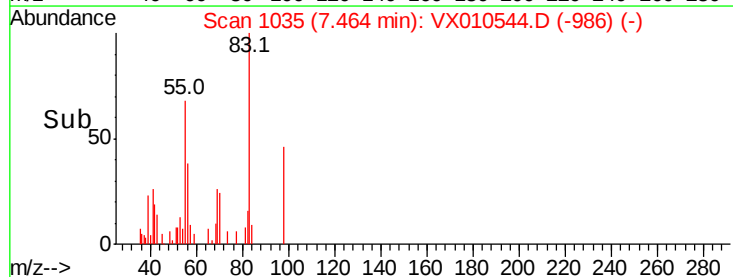
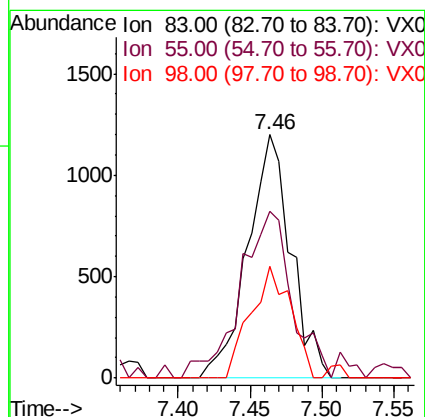
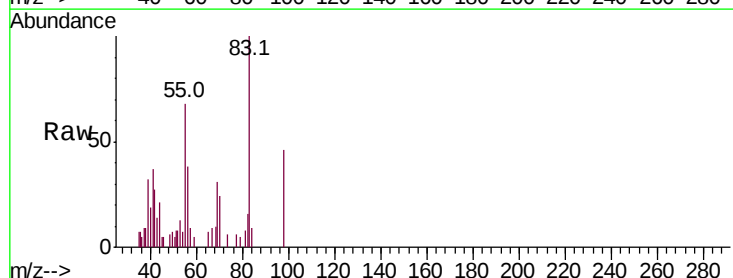
RT: 7.46 min Scan# 1035

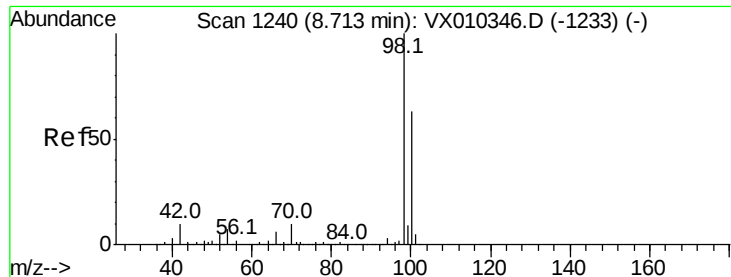
Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

Tgt Ion:	83	Resp:	2492
Ion Ratio	Lower	Upper	
83	100		
55	57.8	53.0	79.6
98	46.2	37.8	56.8





#50

Toluene-d8

Concen: 50.511 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

RW-3

Tot Ion: 98 Resp: 461015

Ion Ratio Lower Upper

98 100

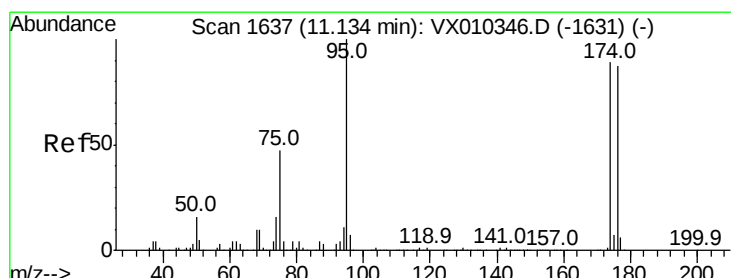
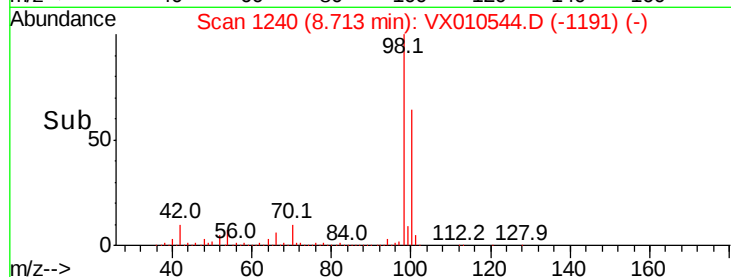
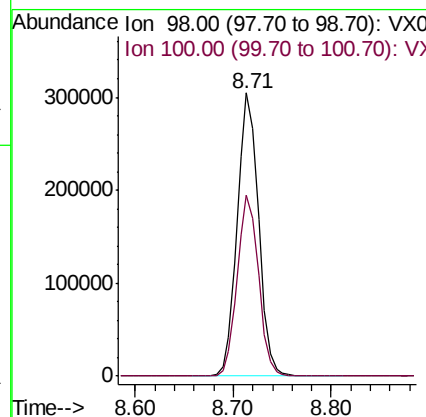
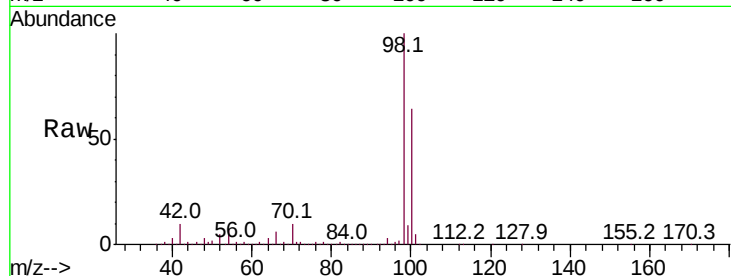
100 63.9 51.6 77.4

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#62

4-Bromofluorobenzene

Concen: 48.111 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

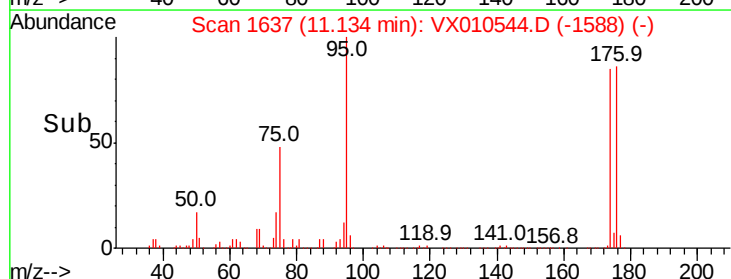
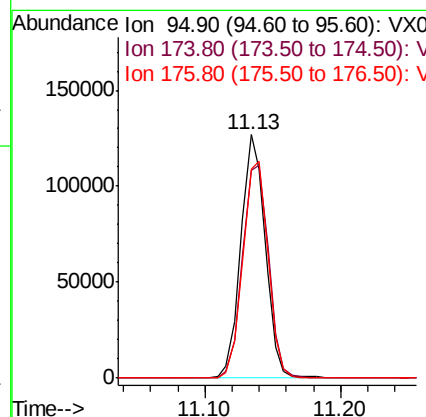
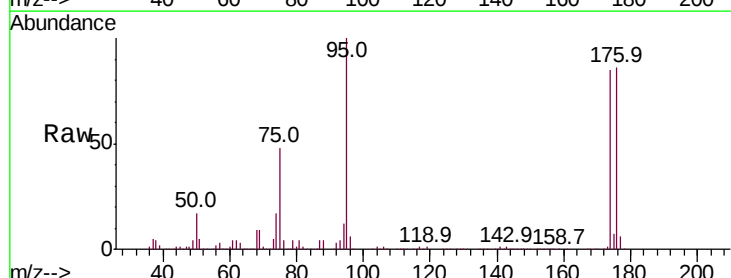
Tgt Ion: 95 Resp: 158532

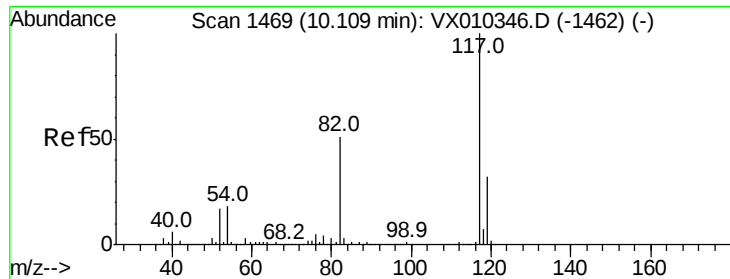
Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.6

176 92.3 0.0 184.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

Instrument :

MSVOA_X

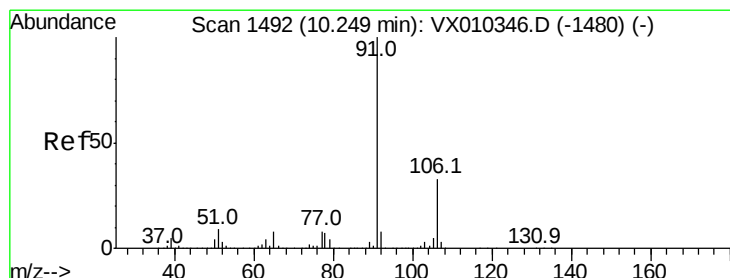
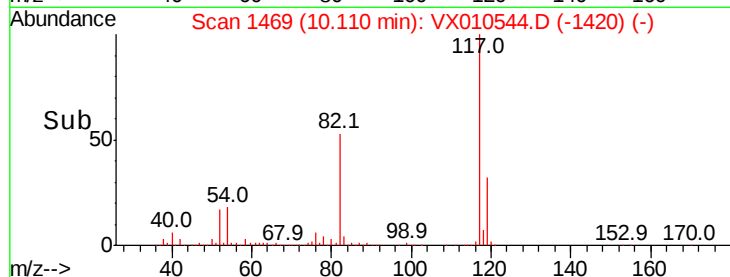
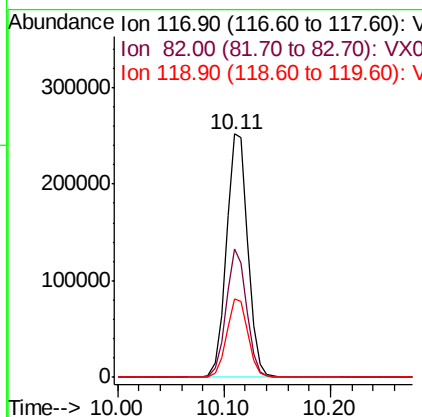
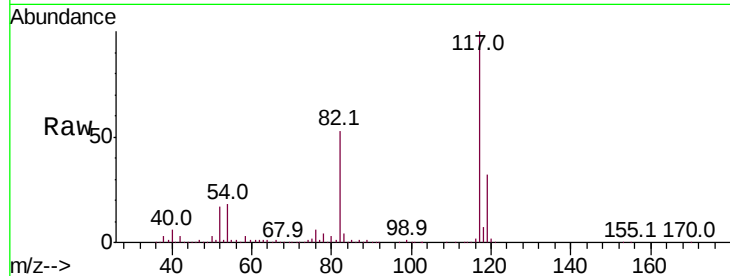
ClientSampled :

RW-3

Tot Ion:	117	Resp:	353219
Ion Ratio	Lower	Upper	
117	100		
82	52.8	41.2	61.8
119	32.3	25.5	38.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.427 ug/l

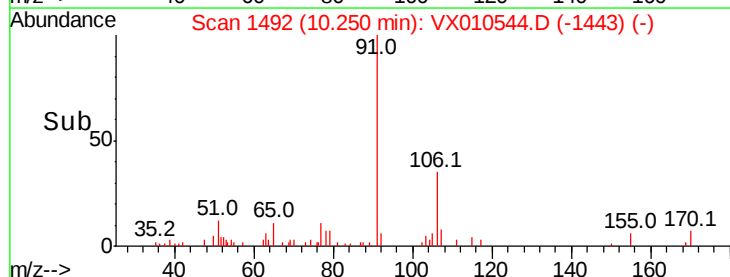
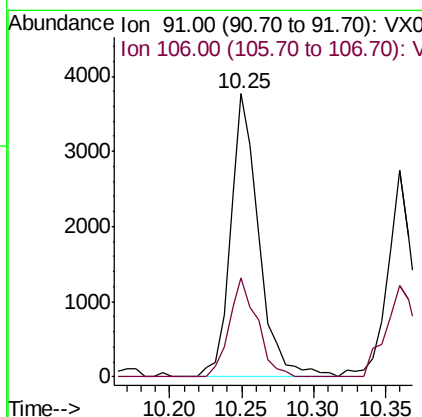
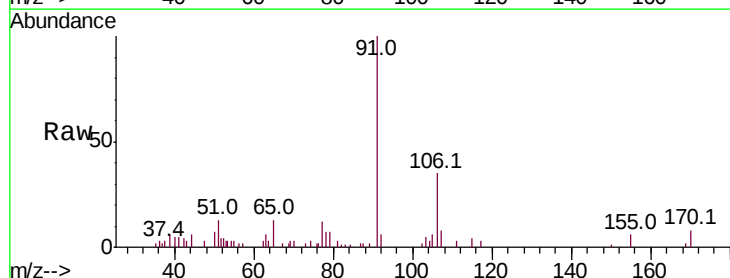
RT: 10.25 min Scan# 1492

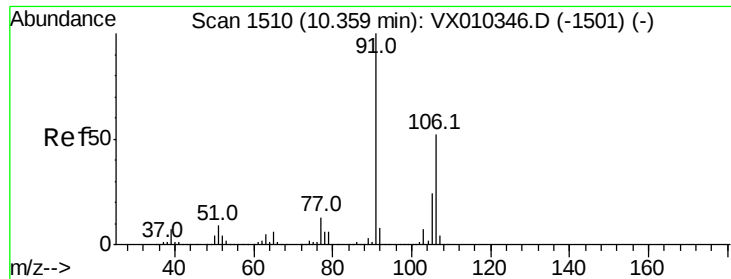
Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

Tgt Ion:	91	Resp:	5169
Ion Ratio	Lower	Upper	
91	100		
106	35.0	26.2	39.2





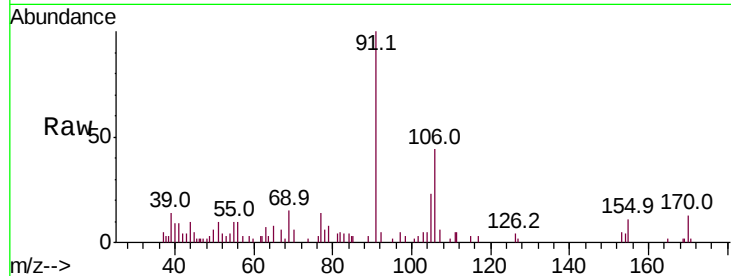
#68
m/p-Xvlenes
Concen: 0.392 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010544.D
Acq: 28 Jun 2019 18:54

Instrument :
MSVOA_X
ClientSampleId :
RW-3

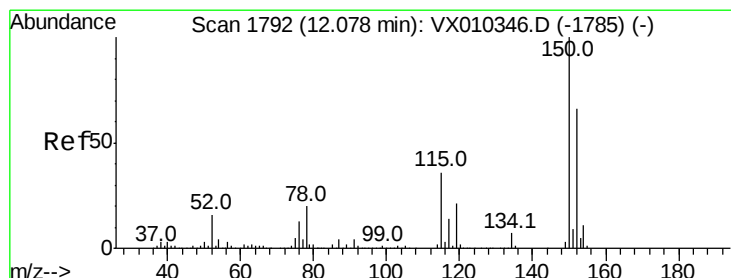
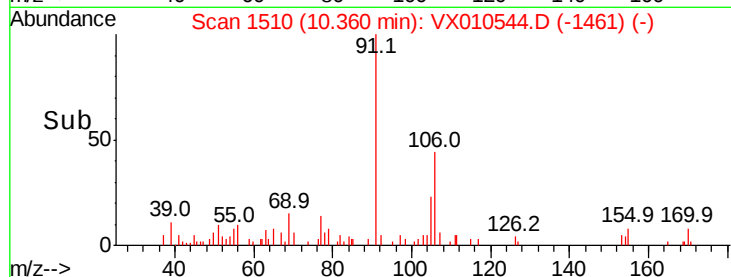
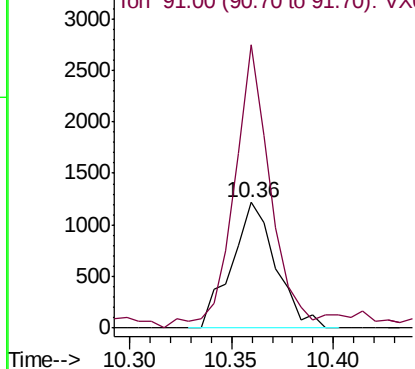
Tot Ion	Ratio	Lower	Upper
106	100		
91	185.5	155.3	232.9

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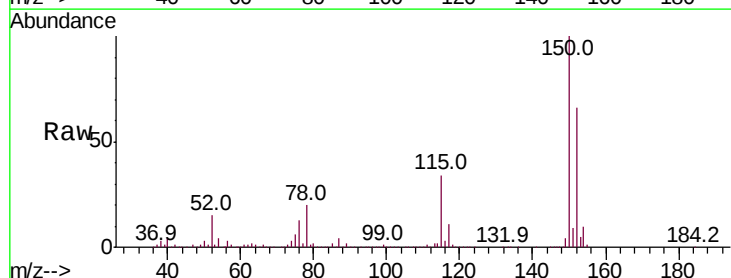


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX

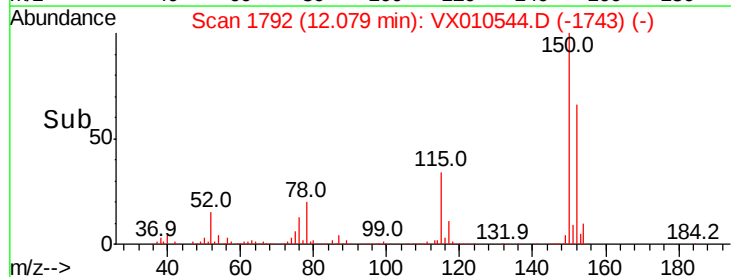
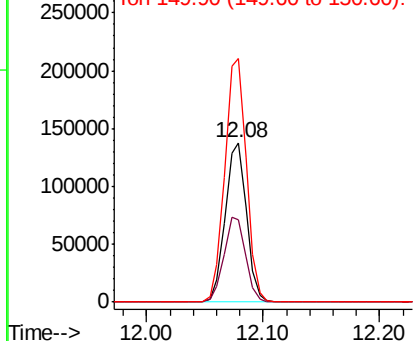


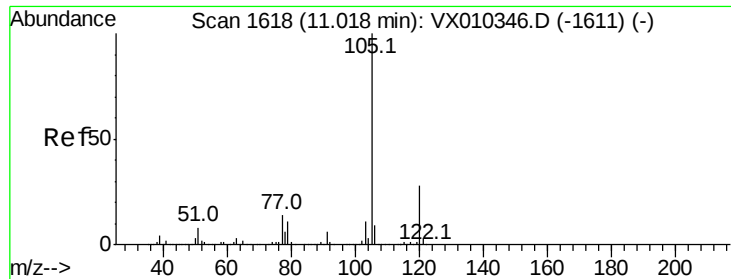
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010544.D
Acq: 28 Jun 2019 18:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	38.6	115.7
150	154.8	0.0	347.4



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





#73

Isopropylbenzene

Concen: 1.429 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

RW-3

Tot Ion:105 Resp: 16925

Ion Ratio Lower Upper

105 100

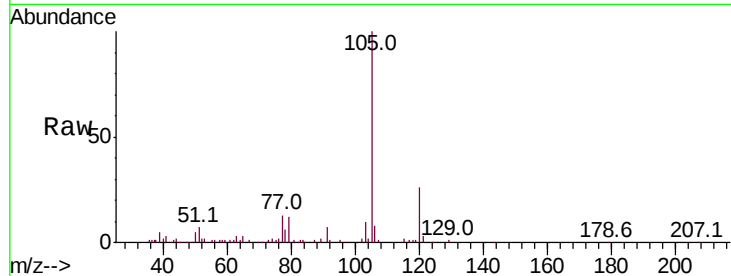
120 27.6 14.1 42.4

Manual Integrations

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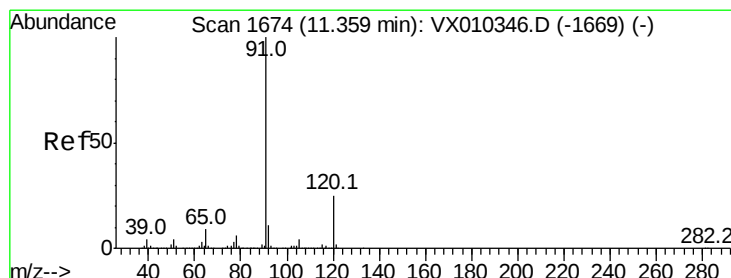
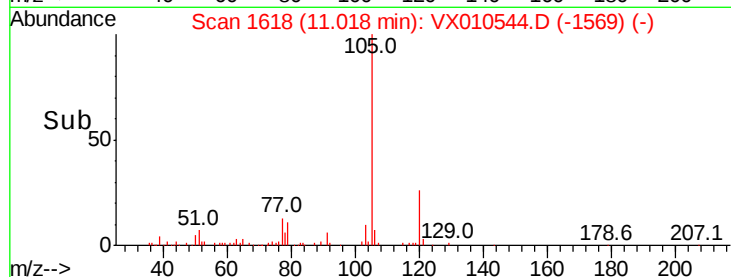
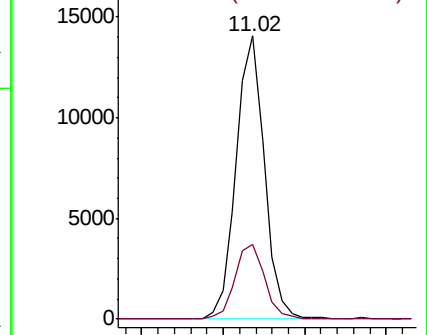
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 1.526 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010544.D

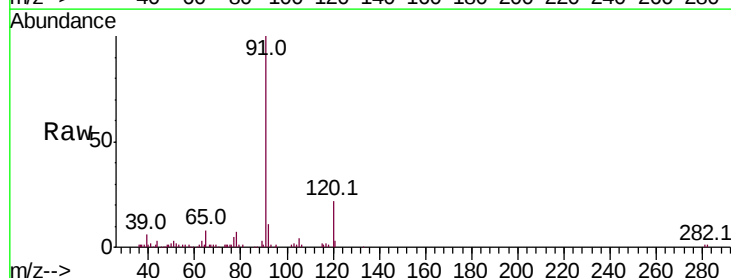
Acq: 28 Jun 2019 18:54

Tgt Ion: 91 Resp: 19863

Ion Ratio Lower Upper

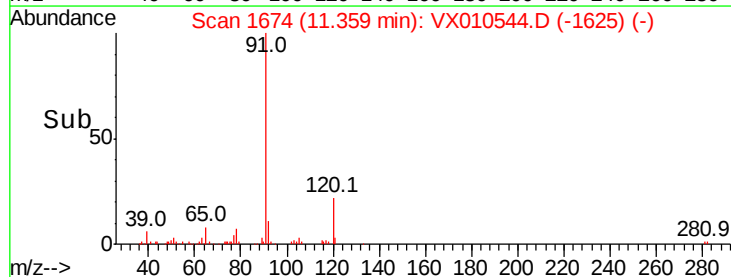
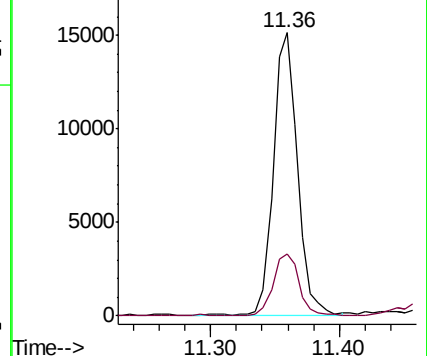
91 100

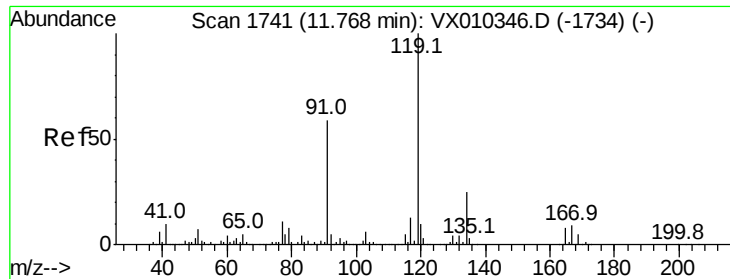
120 23.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





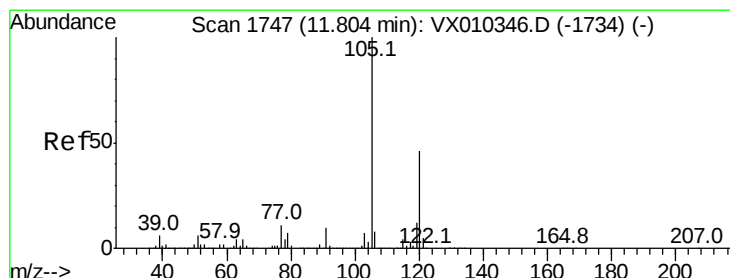
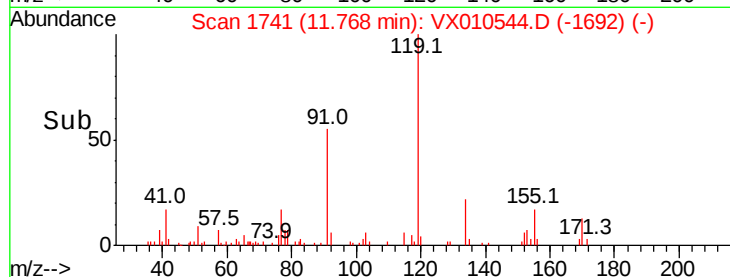
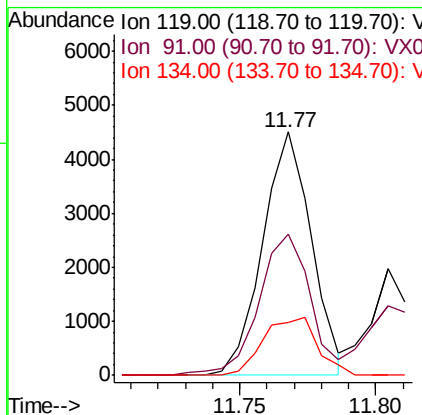
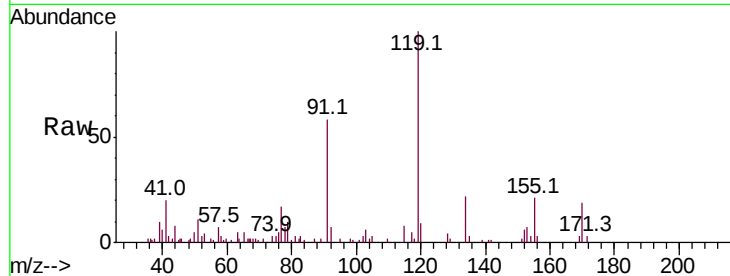
#83
tert-Butylbenzene
Concen: 0.572 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010544.D
Acq: 28 Jun 2019 18:54

Instrument :
MSVOA_X
ClientSampleId :
RW-3

Tot Ion	Ratio	Resp	Lower	Upper
119	100	5600		
91	61.3		27.6	82.7
134	26.3		11.8	35.4

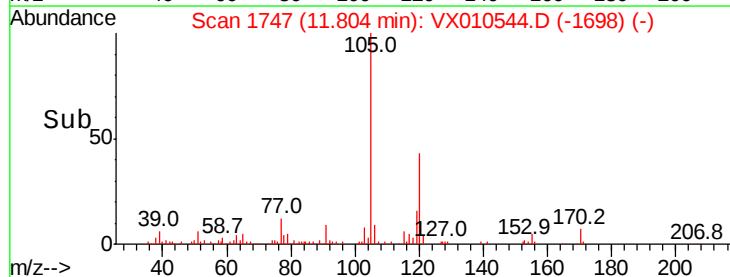
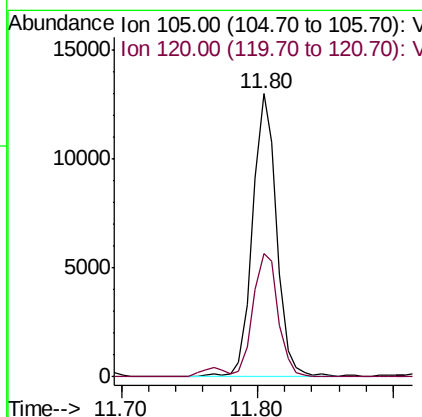
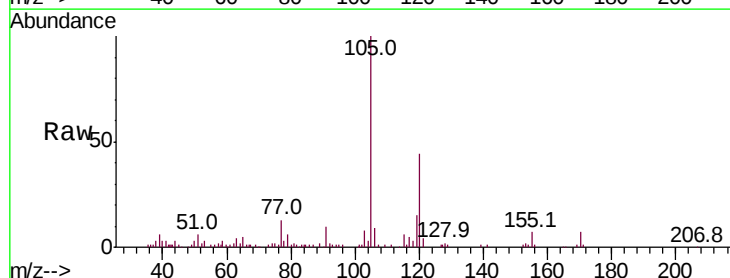
Manual Integrations
APPROVED

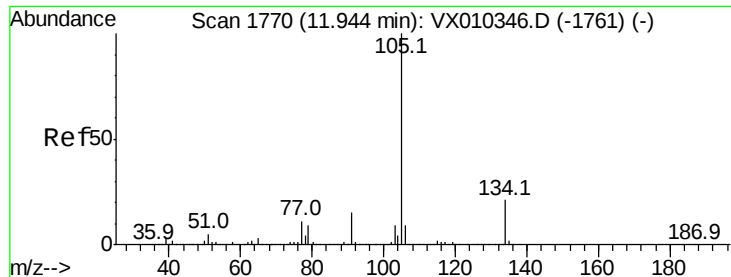
MMDadoda
7/1/2019 11:36:26 AM



#84
1,2,4-Trimethylbenzene
Concen: 1.649 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010544.D
Acq: 28 Jun 2019 18:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	16170		
120	45.5		23.1	69.2





#85

sec-Butylbenzene

Concen: 1.655 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

Instrument :

MSVOA_X

ClientSampleId :

RW-3

Tot Ion:105 Resp: 19035

Ion Ratio Lower Upper

105 100

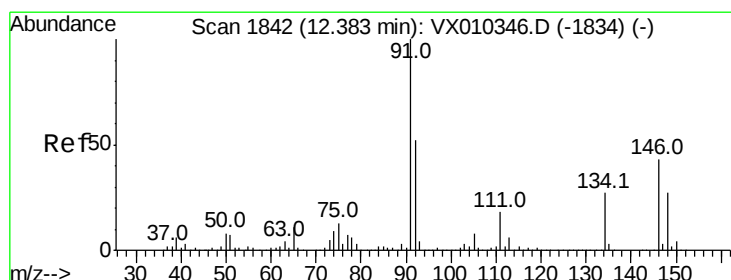
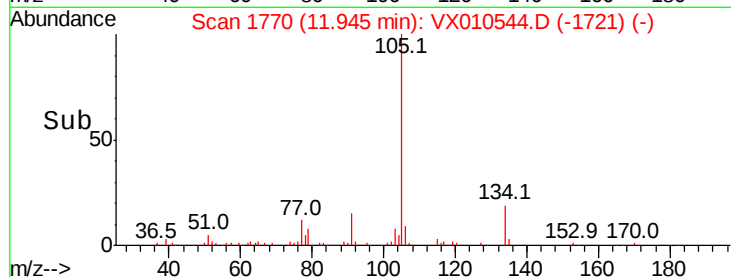
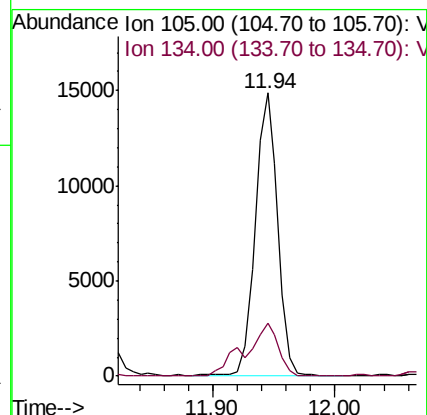
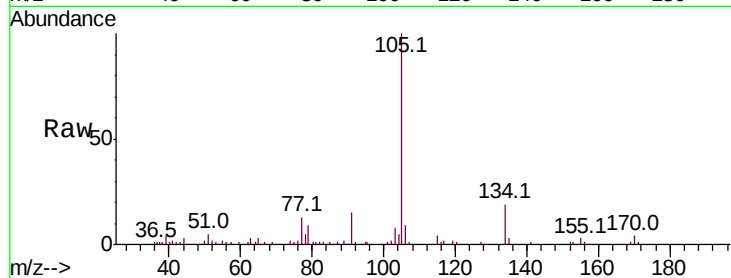
134 27.8 10.7 31.9

Manual Integrations

APPROVED

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7/1/2019 11:36:26 AM



#89

n-Butylbenzene

Concen: 0.838 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010544.D

Acq: 28 Jun 2019 18:54

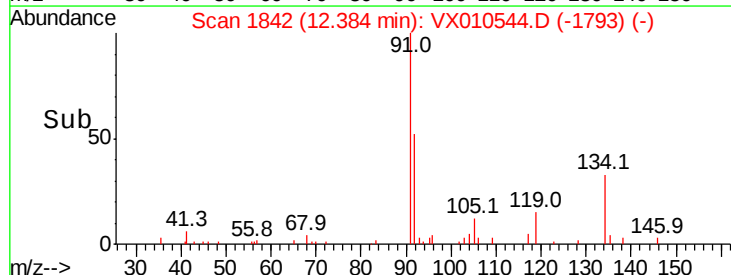
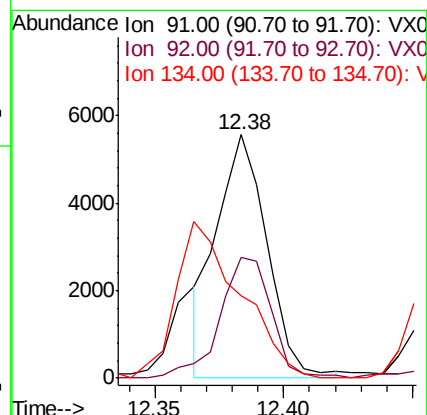
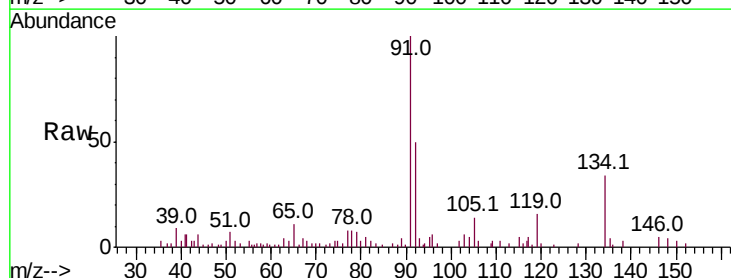
Tgt Ion: 91 Resp: 7577

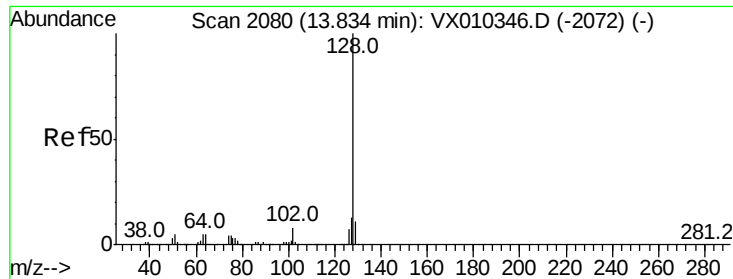
Ion Ratio Lower Upper

91 100

92 50.8 26.2 78.5

134 81.5 14.1 42.4#





#95
Naphthalene
Concen: 2.239 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010544.D
Acq: 28 Jun 2019 18:54

Instrument :
MSVOA_X
ClientSampleId :
RW-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.2	15.4#
129	13.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/1/2019 11:36:26 AM

