

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010755.D
 Acq On : 09 Jul 2019 16:57
 Operator : JC/SP
 Sample : K3690-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190703DL

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:20:05 AM

Quant Time: Jul 10 04:15:21 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	5.66	168	203865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102856	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	5.50	113	93787	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	383272	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.13	95	134647	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	1336	0.405	ug/l	94
40) Benzene	6.15	78	7981	1.020	ug/l	96
65) Chlorobenzene	10.13	112	322676	53.138	ug/l	98
73) Isopropylbenzene	11.02	105	22042	2.231	ug/l	99
78) n-propylbenzene	11.36	91	14825	1.365	ug/l	99
83) tert-Butylbenzene	11.77	119	14930	1.826	ug/l	94
85) sec-Butylbenzene	11.94	105	31181	3.248	ug/l	92
89) n-Butylbenzene	12.38	91	2920m	0.387	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	1284	0.268	ug/l	82

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

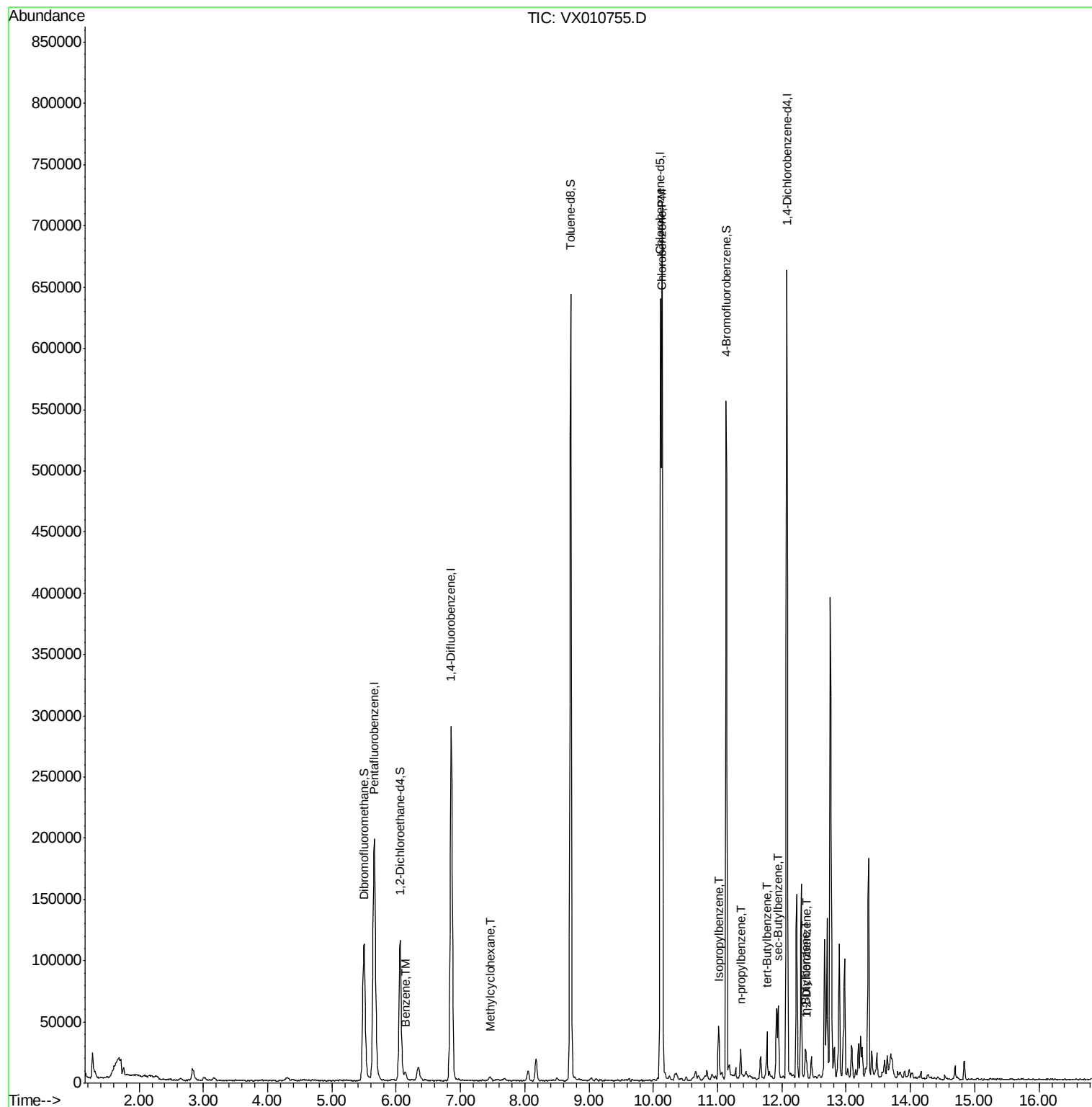
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070919\
Data File : VX010755.D
Acq On : 09 Jul 2019 16:57
Operator : JC/SP
Sample : K3690-05DL 5X
Misc : 5.0mL/MSVOA X/WATER
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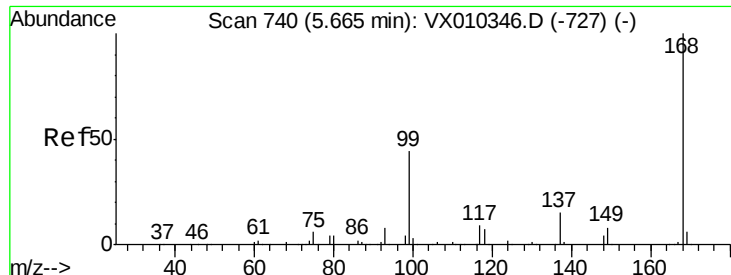
Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703DL

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Quant Time: Jul 10 04:15:21 2019
Quant Method : Z:\V0ASRV\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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010755.D

Acq: 09 Jul 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190703DL

Tot Ion:168 Resp: 203865

Ion Ratio Lower Upper

168 100

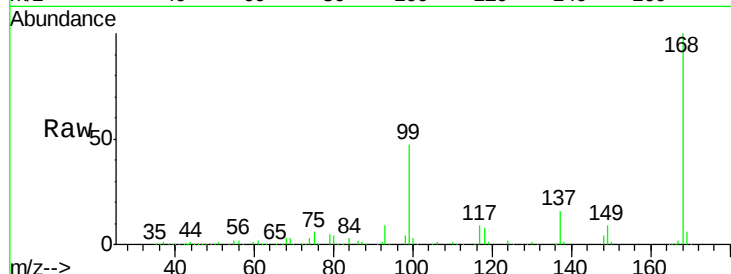
99 46.6 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

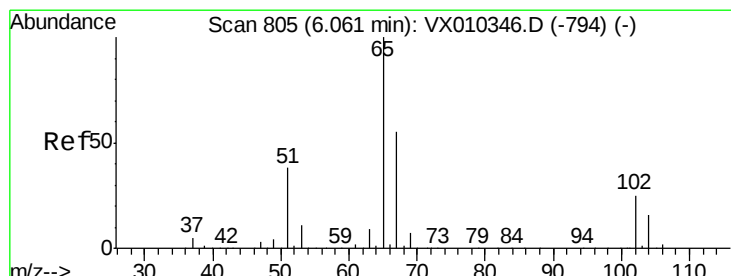
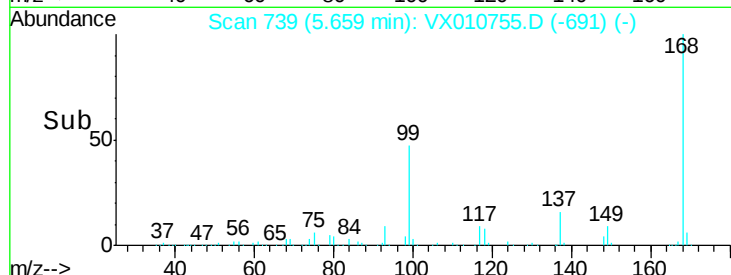
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.811 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010755.D

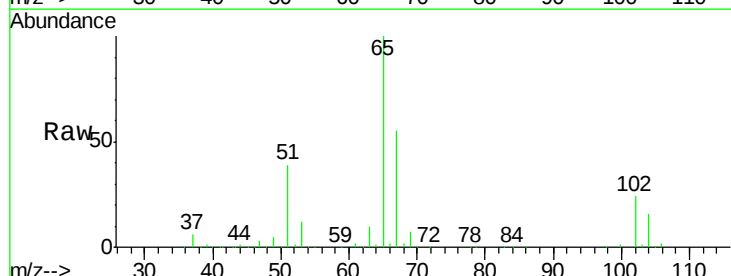
Acq: 09 Jul 2019 16:57

Tgt Ion: 65 Resp: 102856

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

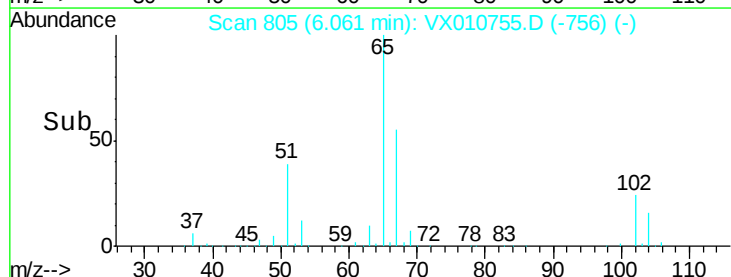
30000

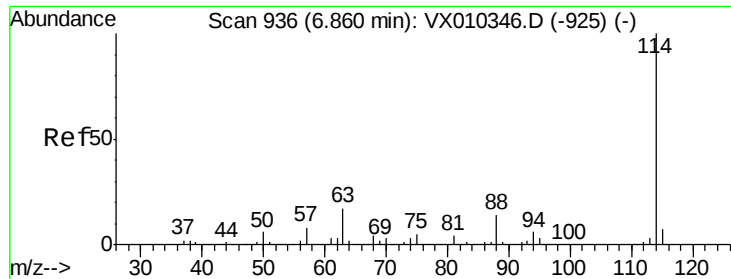
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





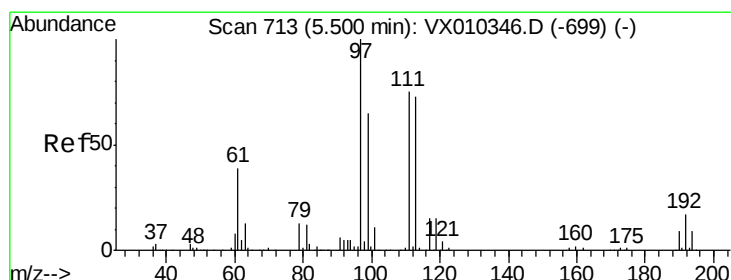
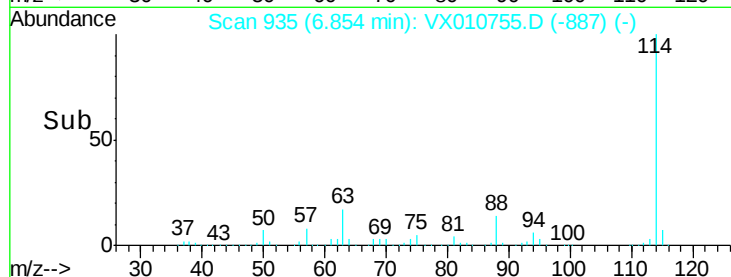
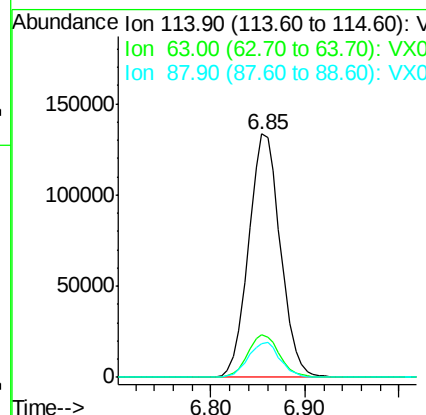
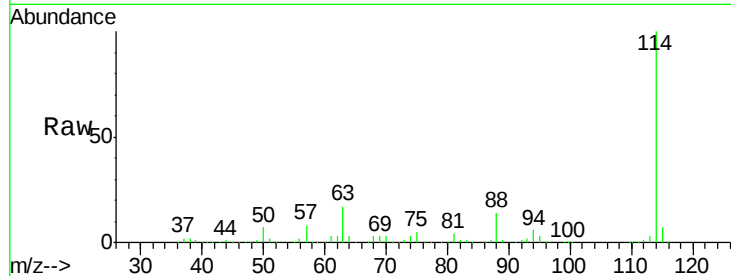
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	316044		
63	17.4	0.0	33.8	
88	14.0	0.0	27.6	

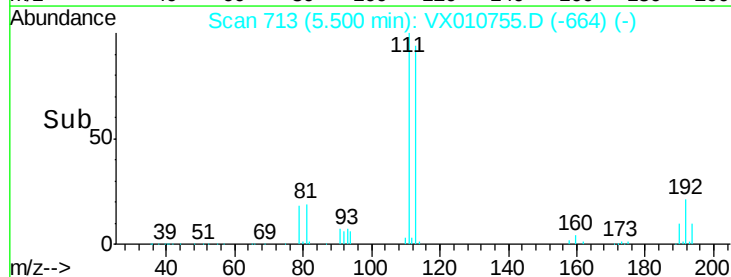
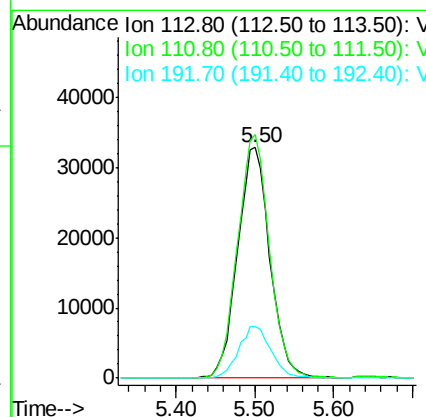
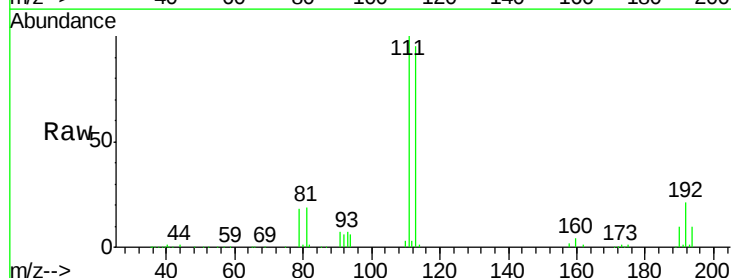
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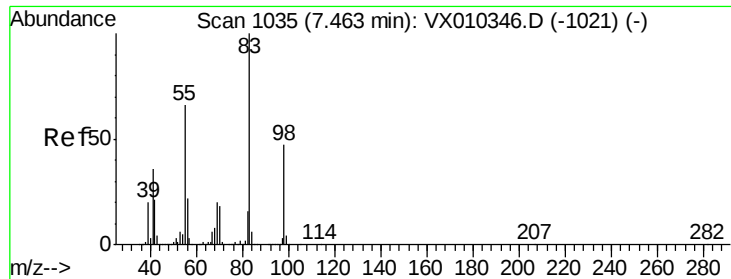
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#35
Dibromofluoromethane
Concen: 48.502 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	93787		
111	104.1	81.2	121.8	
192	22.5	18.6	27.8	





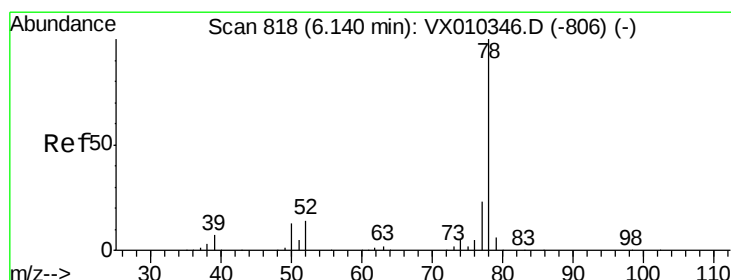
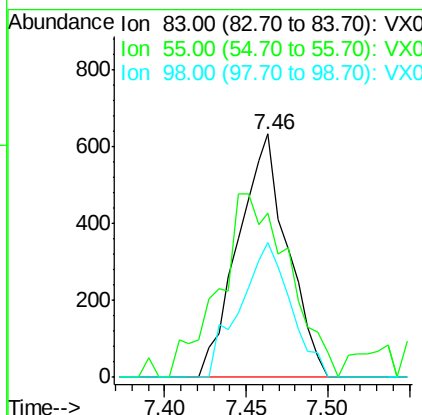
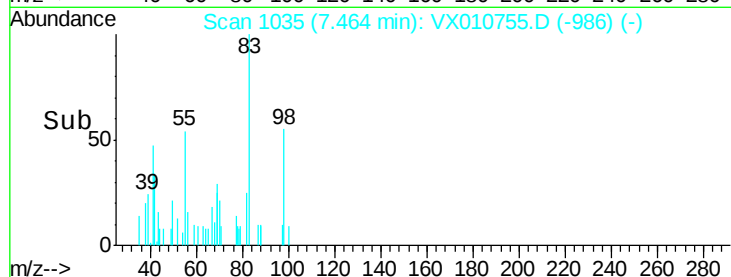
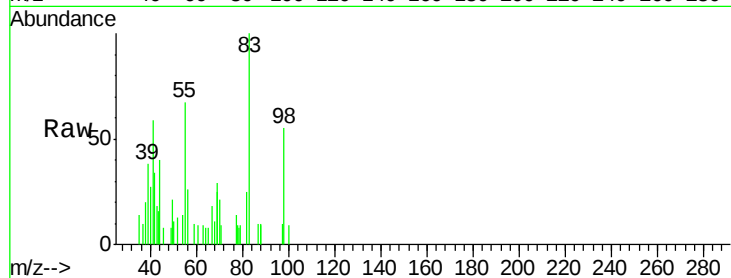
#39
Methvlcvclohexane
Concen: 0.405 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.4	53.0	79.6
98	55.2	37.8	56.8

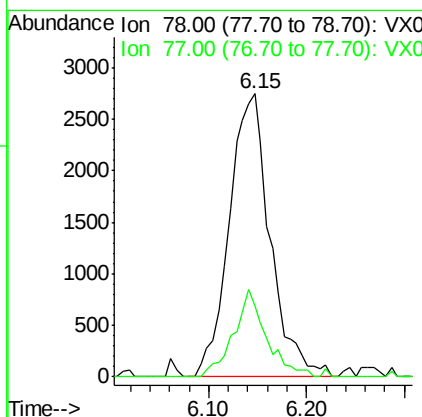
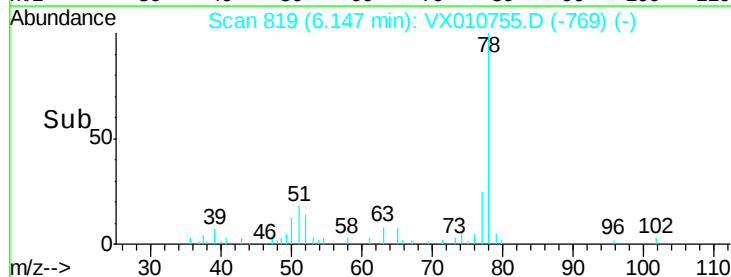
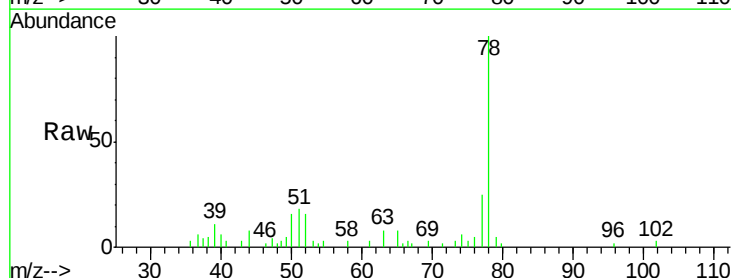
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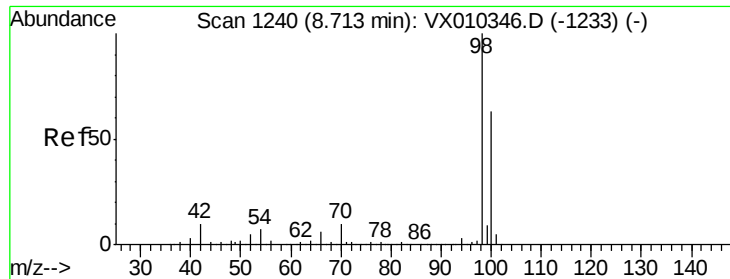
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#40
Benzene
Concen: 1.020 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.6	28.0





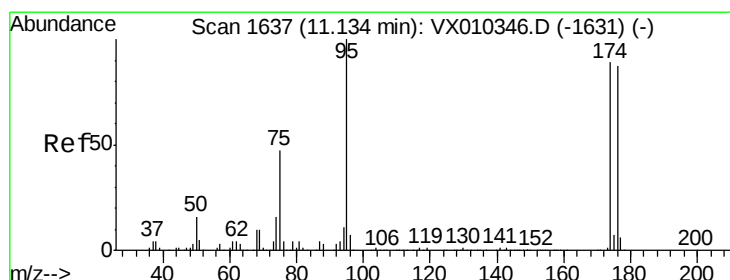
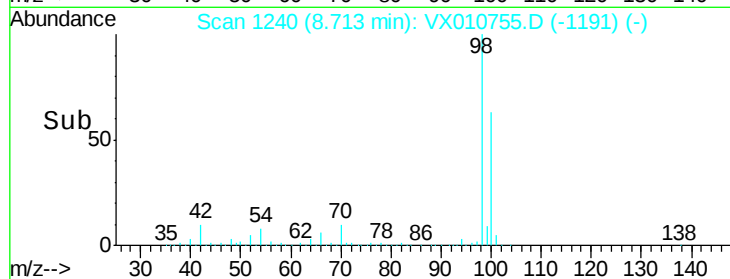
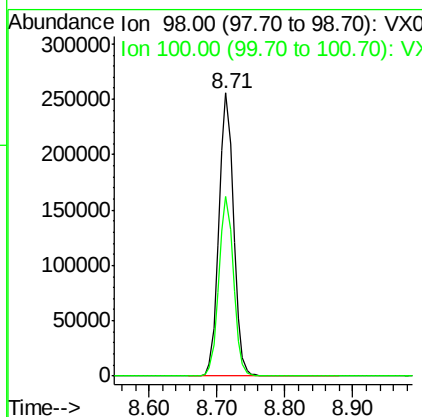
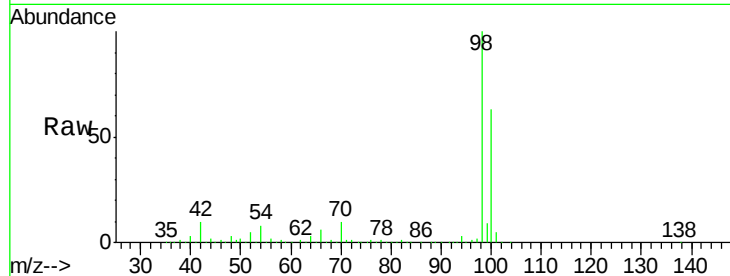
#50
Toluene-d8
Concen: 51.809 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703DL

Tot Ion: 98 Resp: 383272
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

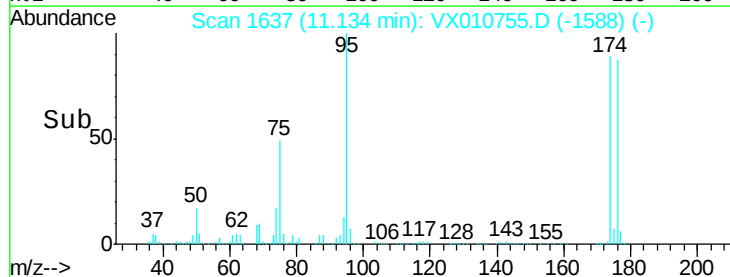
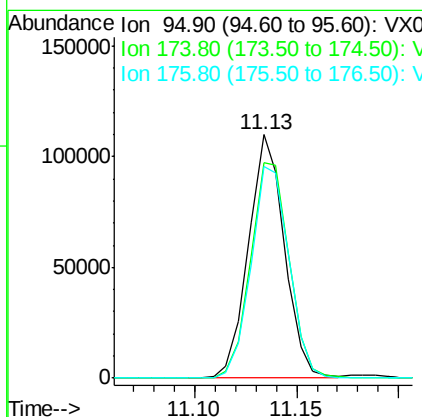
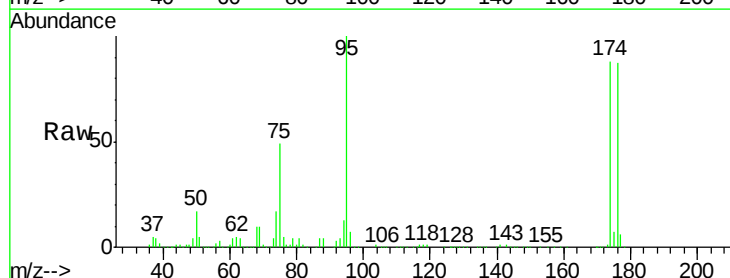
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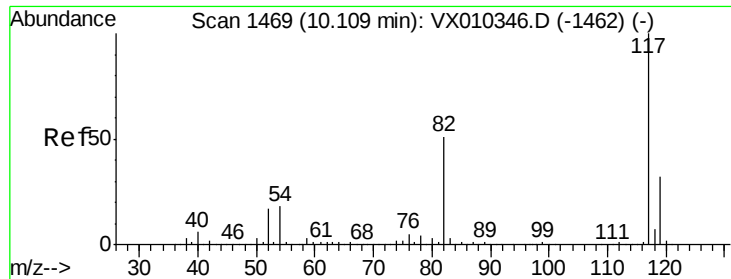
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#62
4-Bromofluorobenzene
Concen: 50.414 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Tgt Ion: 95 Resp: 134647
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.6
176 92.2 0.0 184.0





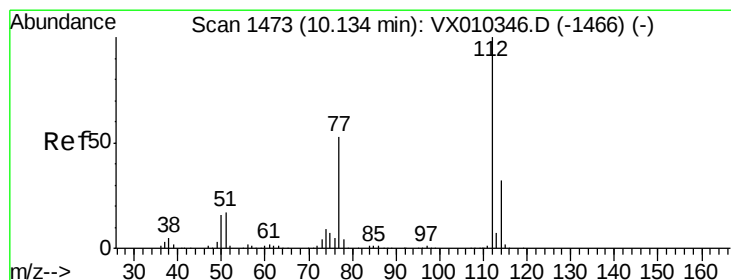
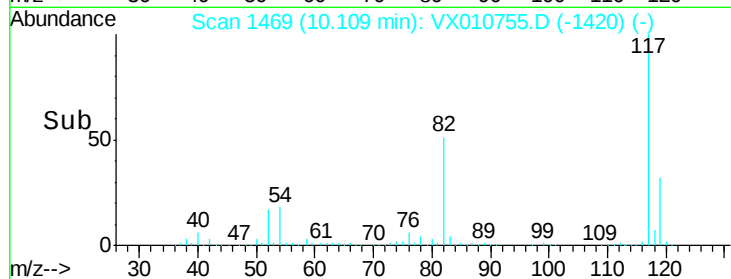
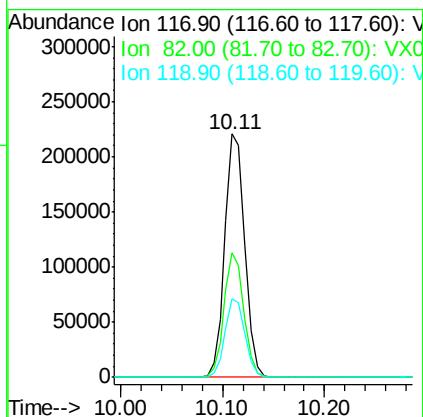
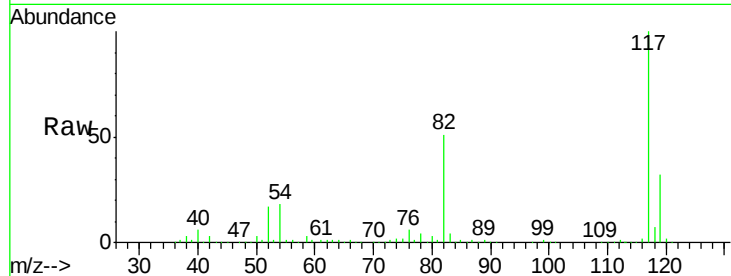
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Instrument :
MSVOA_X
ClientSampleId :
SS038MW013-190703DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.2	61.8
119	32.2	25.5	38.3

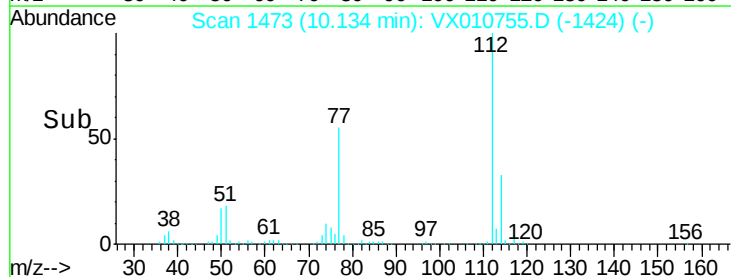
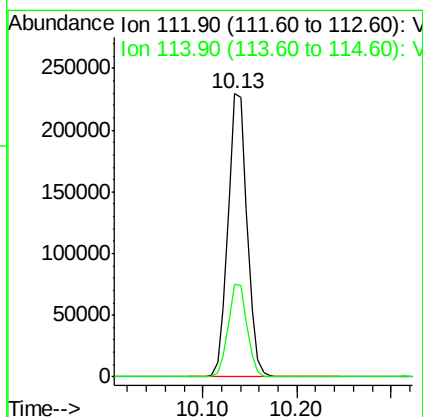
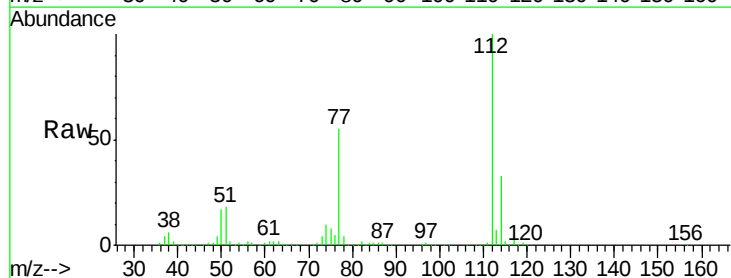
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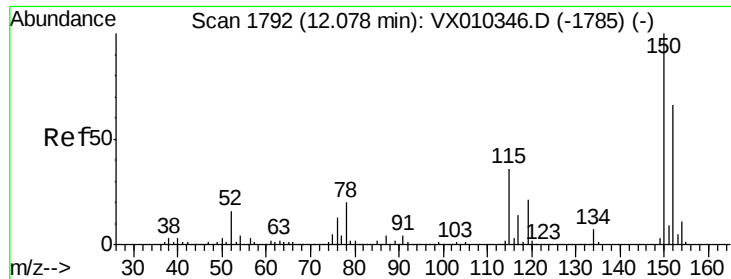
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#65
Chlorobenzene
Concen: 53.138 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010755.D
Acq: 09 Jul 2019 16:57

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010755.D

Acq: 09 Jul 2019 16:57

Instrument :

MSVOA_X

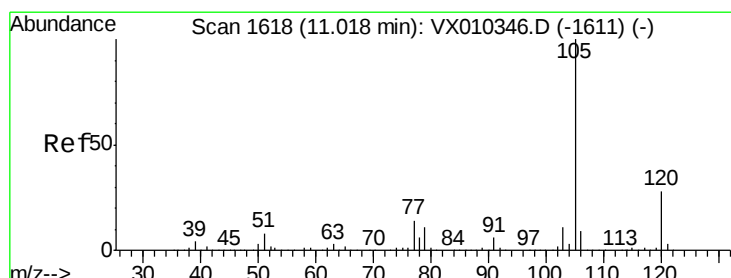
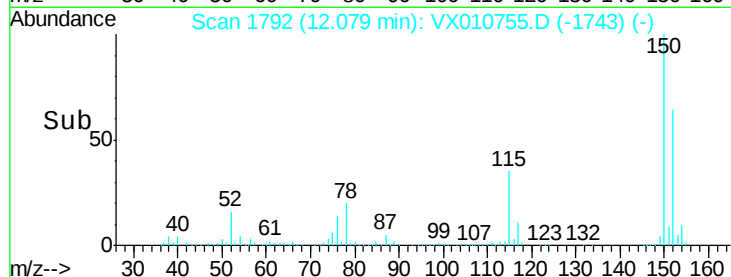
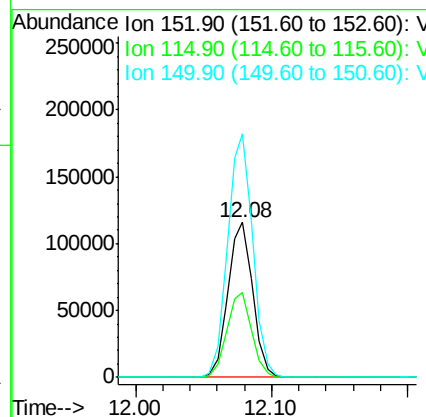
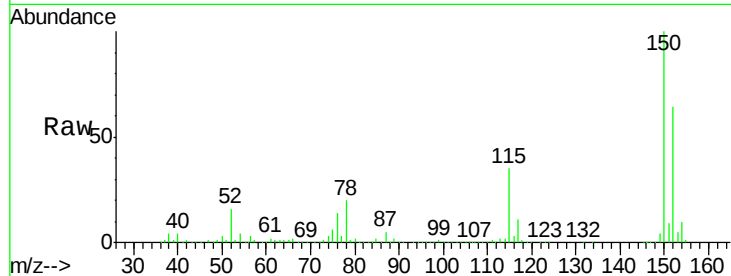
ClientSampleId :

SS038MW013-190703DL

Tot Ion:	152	Resp:	145764
Ion Ratio	Lower	Upper	
152	100		
115	55.0	38.6	115.7
150	158.5	0.0	347.4

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#73

Isopropylbenzene

Concen: 2.231 ug/l

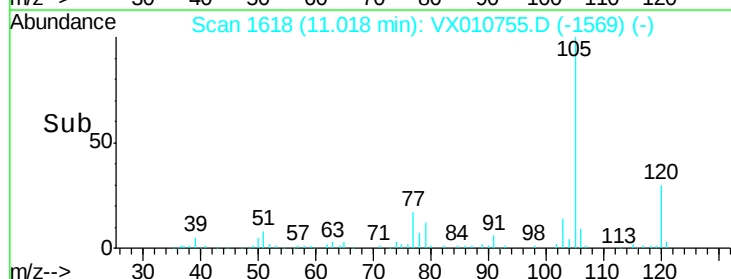
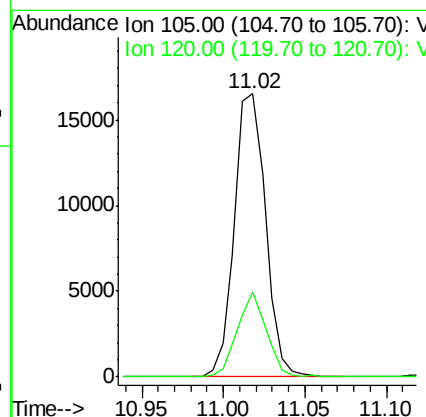
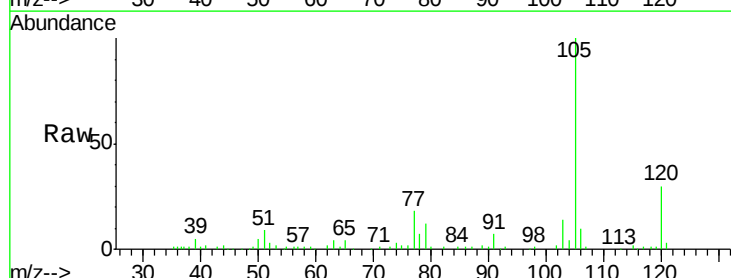
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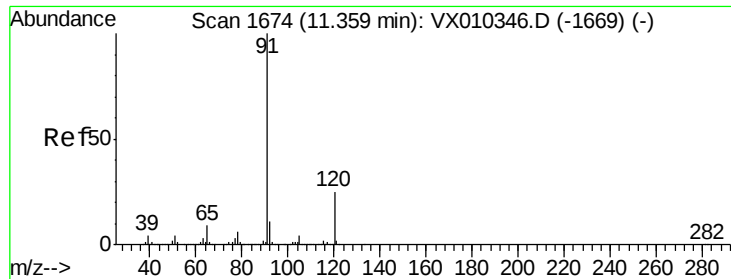
Delta R.T. 0.00 min

Lab File: VX010755.D

Acq: 09 Jul 2019 16:57

Tgt Ion:	105	Resp:	22042
Ion Ratio	Lower	Upper	
105	100		
120	28.0	14.1	42.4





#78

n-propylbenzene

Concen: 1.365 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010755.D

Acq: 09 Jul 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190703DL

Tot Ion: 91 Resp: 14825

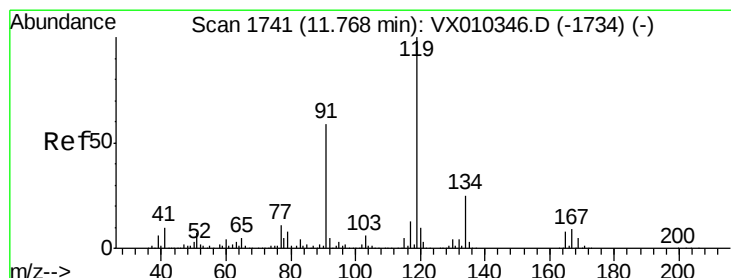
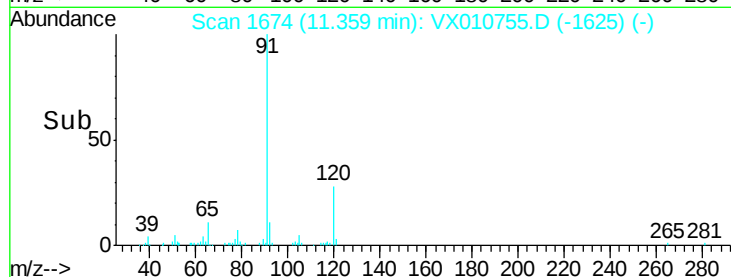
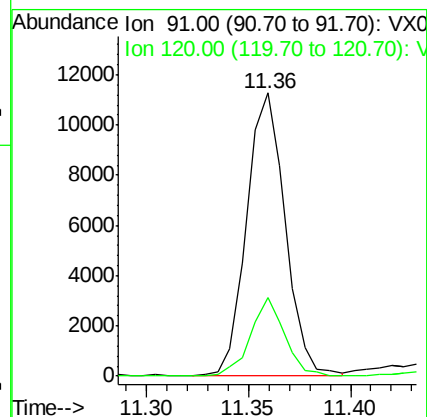
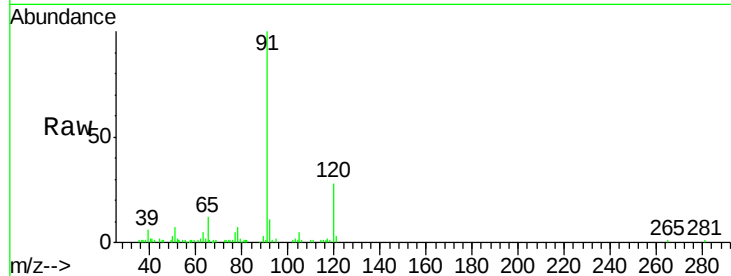
Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.4

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7/10/2019 10:20:05 AM



#83

tert-Butylbenzene

Concen: 1.826 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010755.D

Acq: 09 Jul 2019 16:57

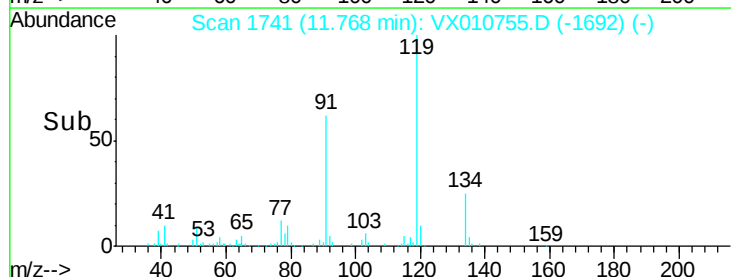
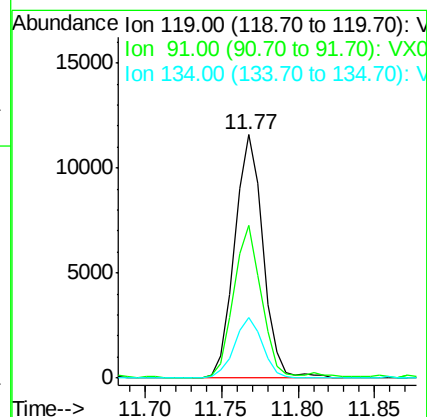
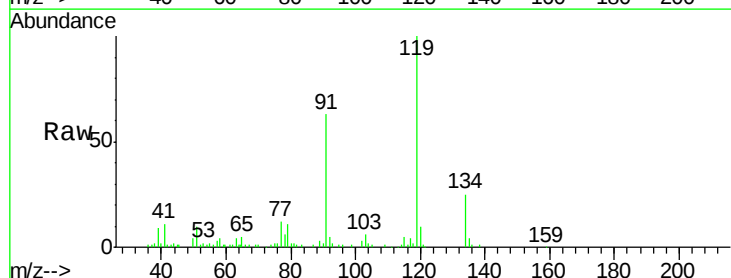
Tgt Ion: 119 Resp: 14930

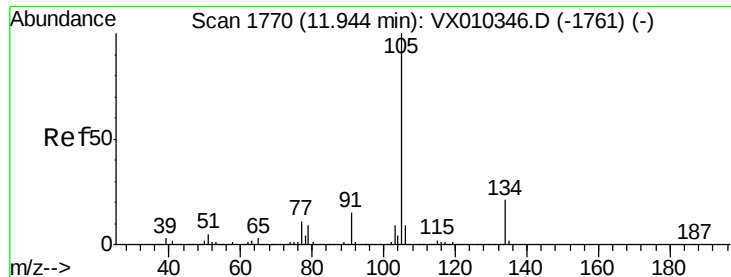
Ion Ratio Lower Upper

119 100

91 61.3 27.6 82.7

134 24.3 11.8 35.4





#85

sec-Butylbenzene

Concen: 3.248 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010755.D

Acq: 09 Jul 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

SS038MW013-190703DL

Tot Ion: 105 Resp: 31181

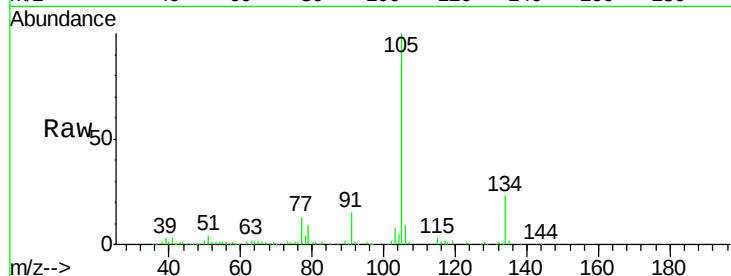
Ion Ratio Lower Upper

105 100

134 17.7 10.7 31.9

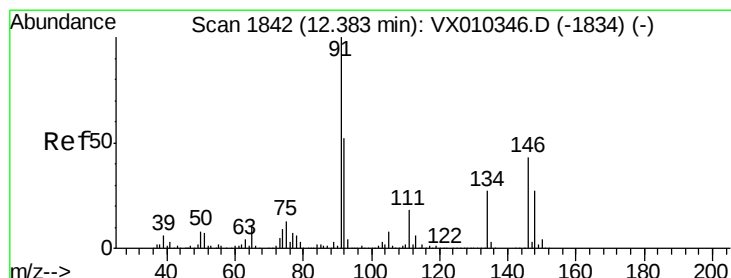
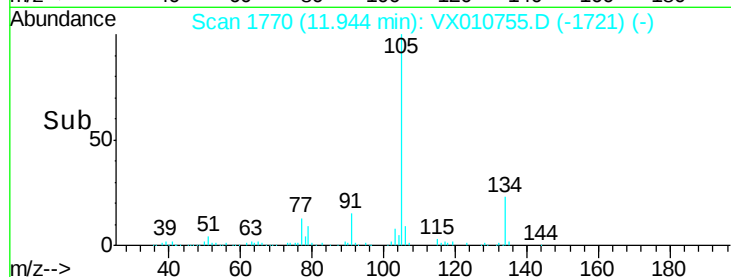
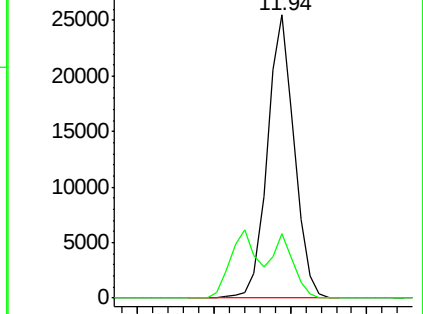
Manual Integrations
APPROVED

MMDadoda
7/10/2019 10:20:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.387 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010755.D

Acq: 09 Jul 2019 16:57

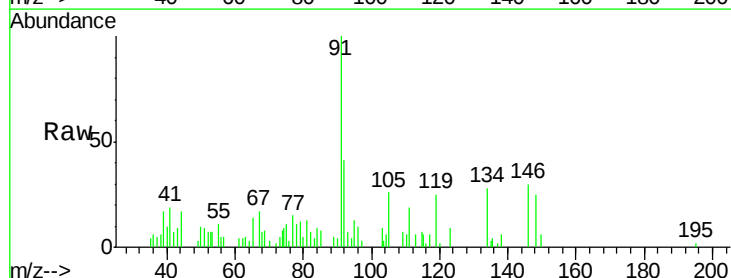
Tgt Ion: 91 Resp: 2920

Ion Ratio Lower Upper

91 100

92 55.0 26.2 78.5

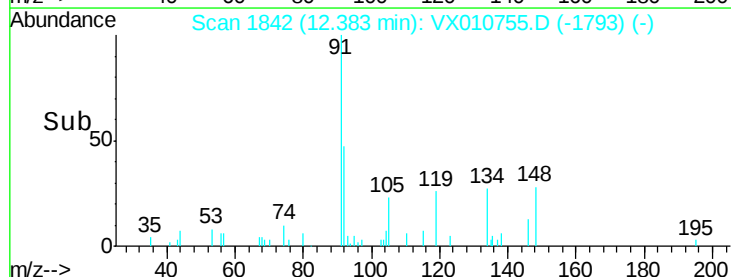
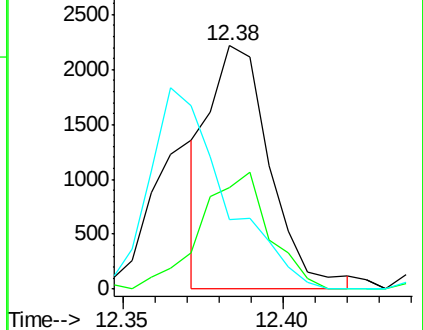
134 0.0 14.1 42.4#

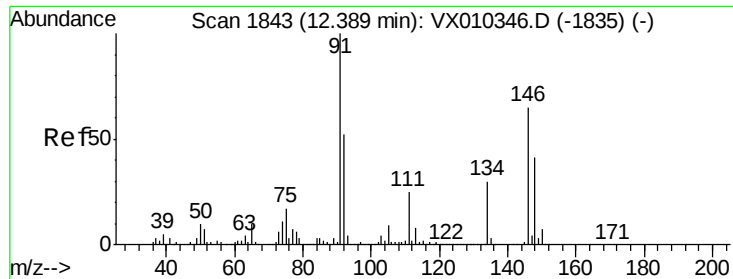


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





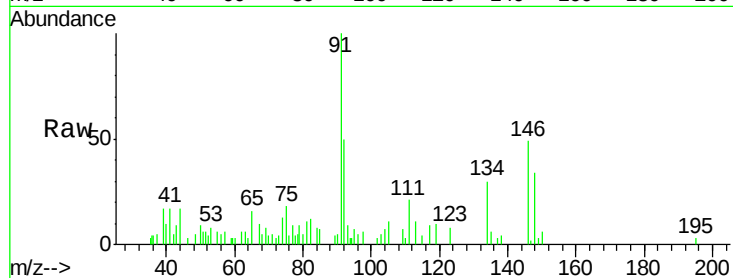
#91
 1,2-Dichlorobenzene
 Concen: 0.268 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010755.D
 Acq: 09 Jul 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038MW013-190703DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.0	19.2	57.6
148	75.5	32.0	96.0

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:20:05 AM



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

