

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX070219\
 Data File : VX010612.D
 Acq On : 02 Jul 2019 13:17
 Operator : JC/SP
 Sample : K3586-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWR1

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 9:29:43 AM

Quant Time: Jul 08 07:03:44 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	250247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382056	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	350017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	164172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122056	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	5.50	113	117757	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	8.71	98	455694	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	154105	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	3551	3.020	ug/l	88
39) Methylcyclohexane	7.46	83	3954	0.991	ug/l #	92
52) Toluene	8.78	92	2686	0.431	ug/l	92
67) Ethyl Benzene	10.25	91	10093	0.841	ug/l	97
73) Isopropylbenzene	11.02	105	22431	2.016	ug/l	99
78) n-propylbenzene	11.36	91	42378	3.465	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	32737	3.552	ug/l	96
85) sec-Butylbenzene	11.94	105	14731	1.363	ug/l	84
86) p-Isopropyltoluene	12.06	119	3559m	0.356	ug/l	
89) n-Butylbenzene	12.38	91	6166m	0.726	ug/l	
95) Naphthalene	13.83	128	50924	4.432	ug/l #	95

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

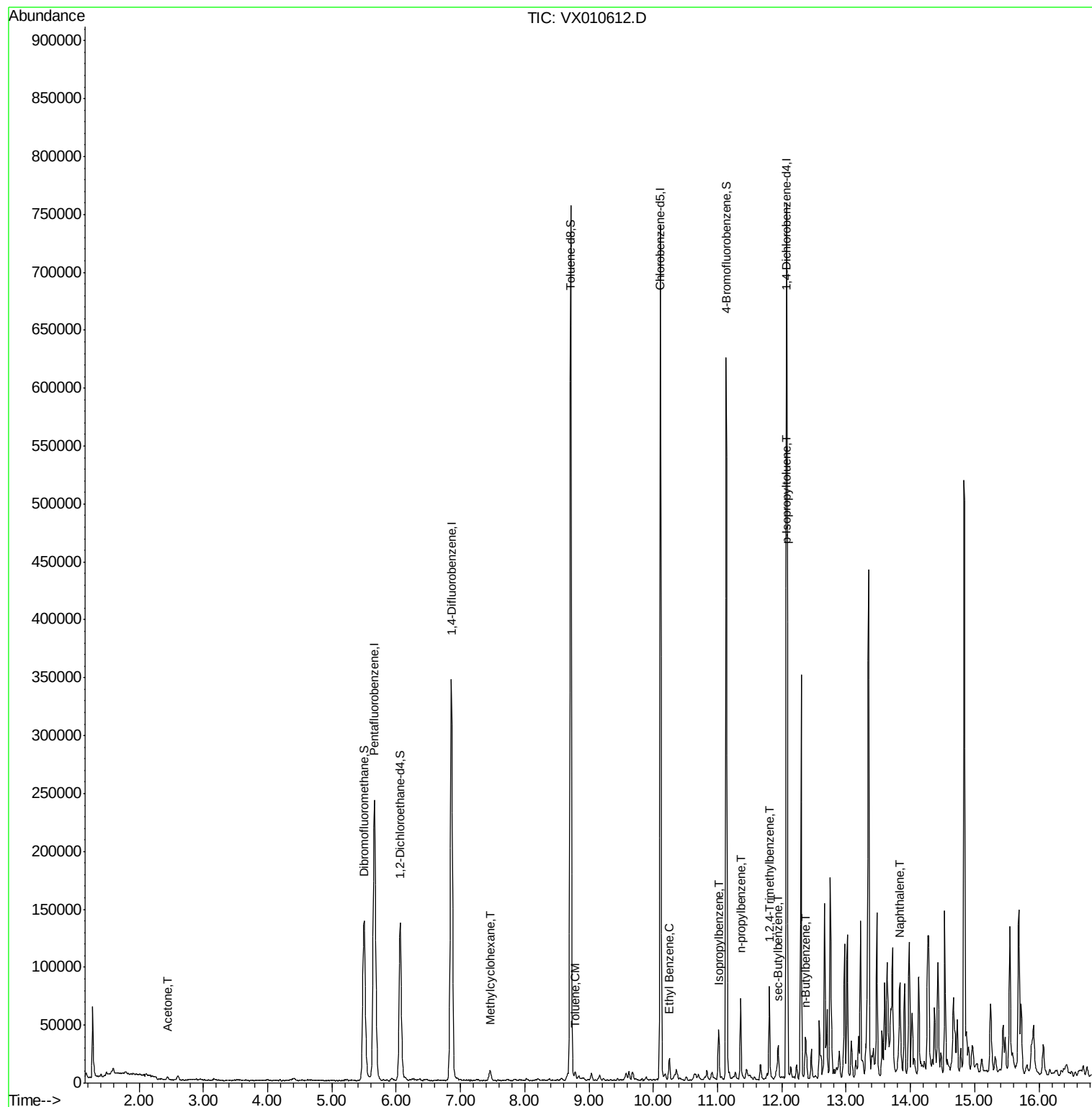
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX070219\
Data File : VX010612.D
Acq On : 02 Jul 2019 13:17
Operator : JC/SP
Sample : K3586-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

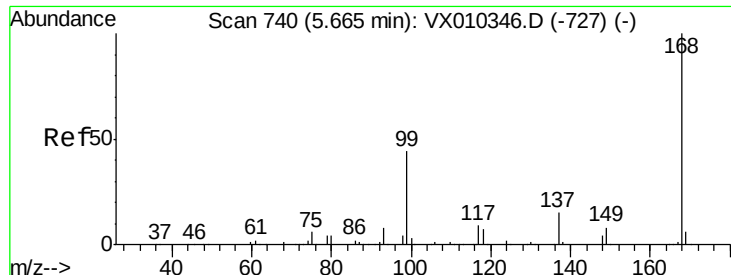
Instrument :
MSVOA_X
ClientSampled :
TWR1

Manual Integrations
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7/3/2019 9:29:43 AM

Quant Time: Jul 08 07:03:44 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010612.D

Acq: 02 Jul 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

TWR1

Tot Ion:168 Resp: 250247

Ion Ratio Lower Upper

168 100

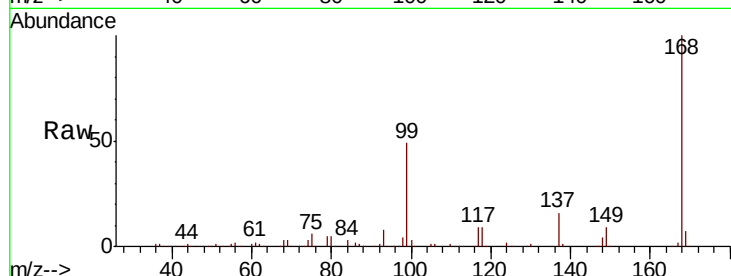
99 49.1 35.5 53.3

Manual Integrations

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7/3/2019 9:29:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

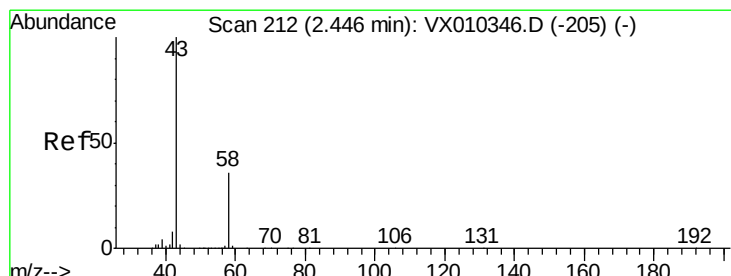
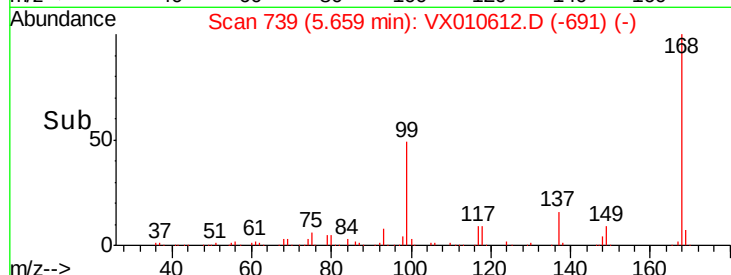
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.020 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010612.D

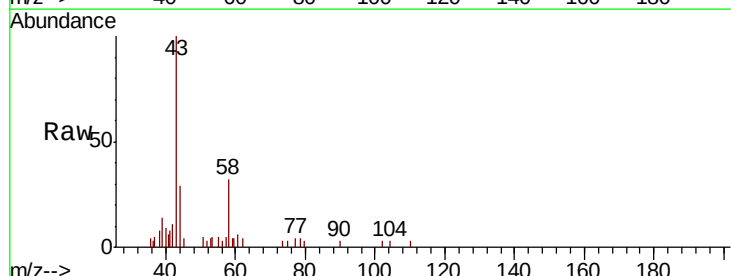
Acq: 02 Jul 2019 13:17

Tgt Ion: 43 Resp: 3551

Ion Ratio Lower Upper

43 100

58 28.9 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2000

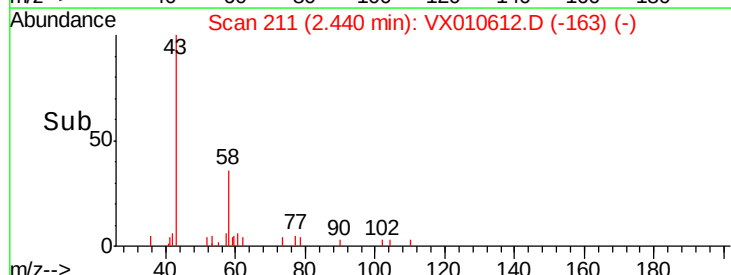
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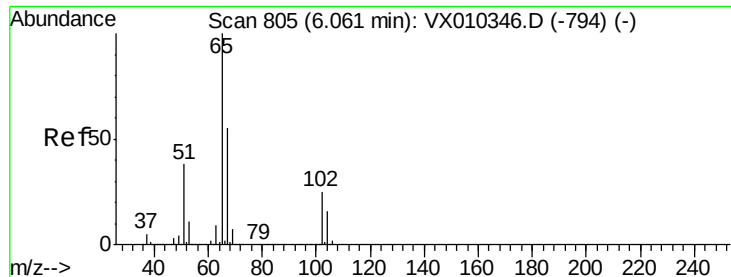
1000

500

0

Time-->





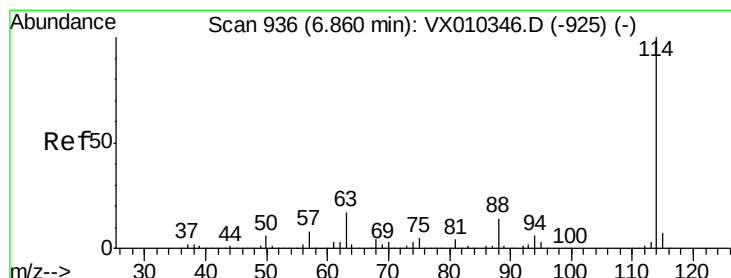
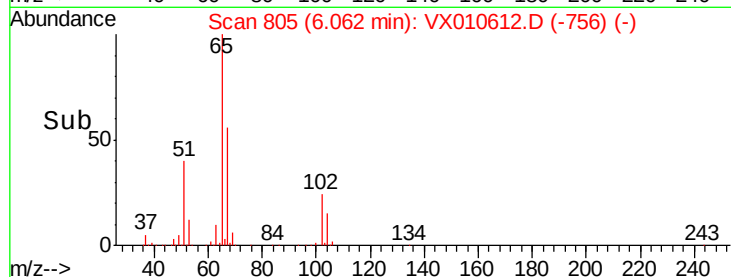
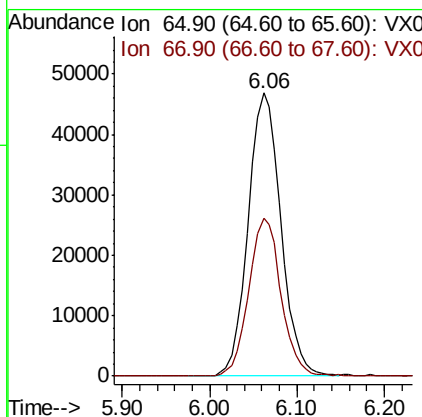
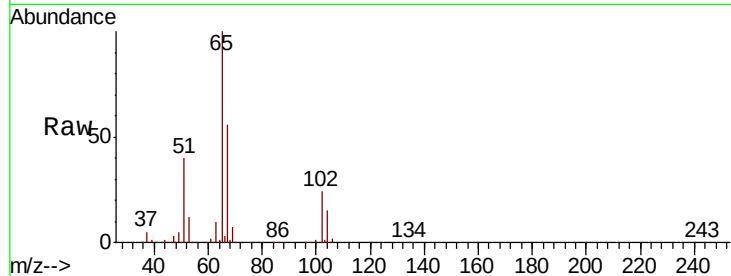
#33
 1,2-Dichloroethane-d4
 Concen: 52.020 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010612.D
 Acq: 02 Jul 2019 13:17

Instrument :
 MSVOA_X
 ClientSampled :
 TWR1

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	110.2

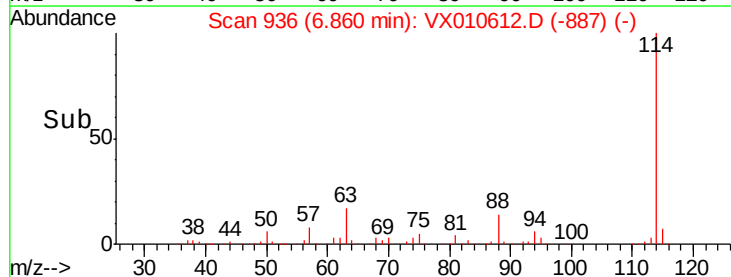
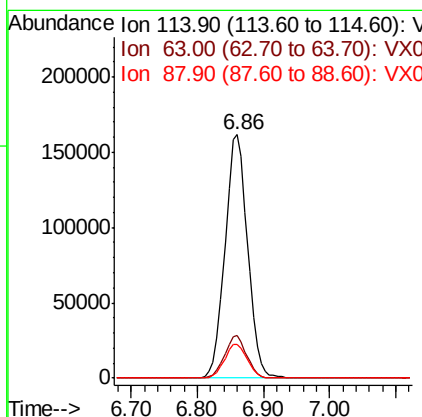
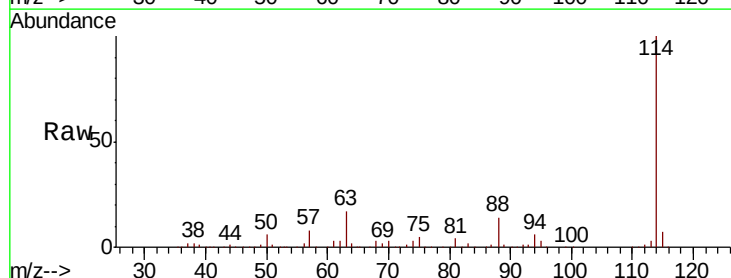
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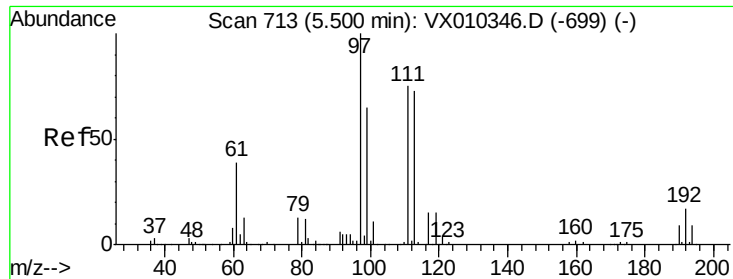
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010612.D
 Acq: 02 Jul 2019 13:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	33.8
88	14.1	0.0	27.6





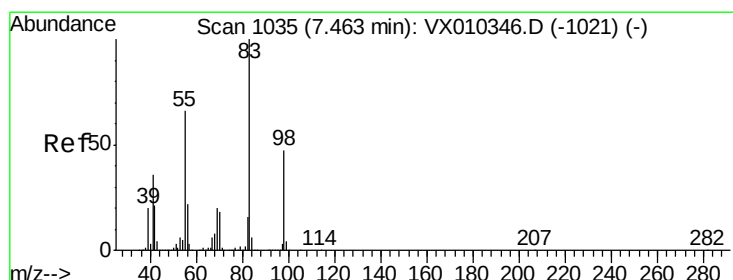
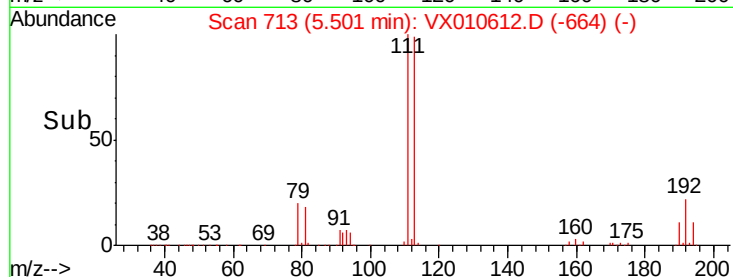
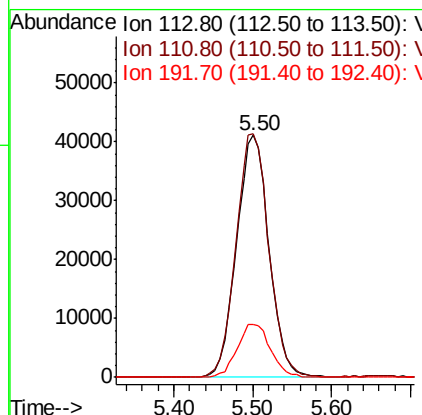
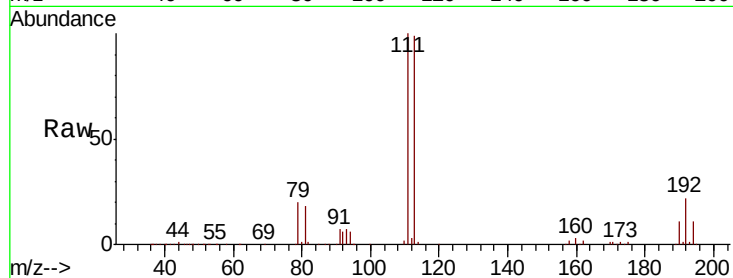
#35
 Dibromofluoromethane
 Concen: 50.376 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010612.D
 Acq: 02 Jul 2019 13:17

Instrument :
 MSVOA_X
 ClientSampled :
 TWR1

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117757		
111	101.8	81.2	121.8	
192	22.7	18.6	27.8	

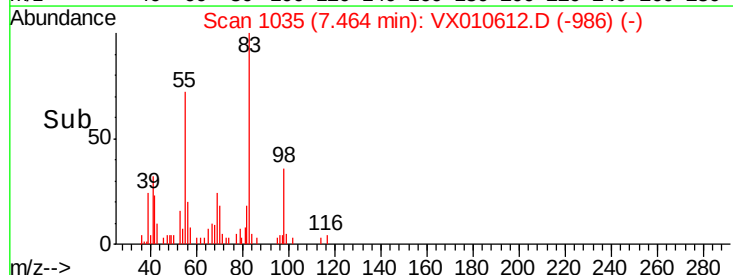
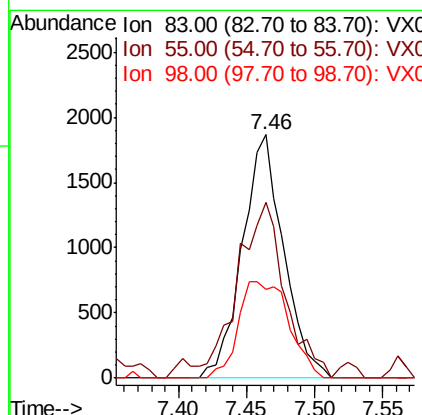
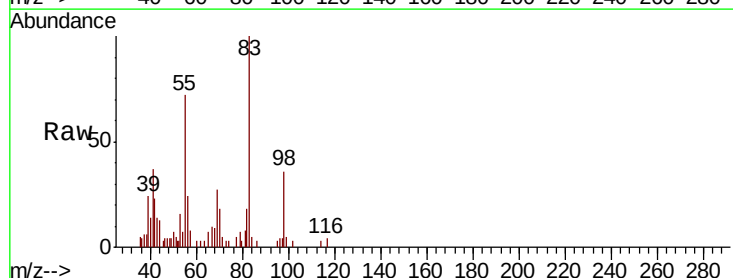
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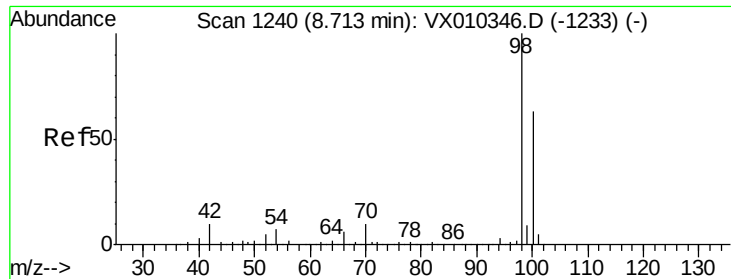
MMDadoda
 7/3/2019 9:29:43 AM



#39
 Methylcyclohexane
 Concen: 0.991 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX010612.D
 Acq: 02 Jul 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	3954		
55	67.7	53.0	79.6	
98	36.3	37.8	56.8	





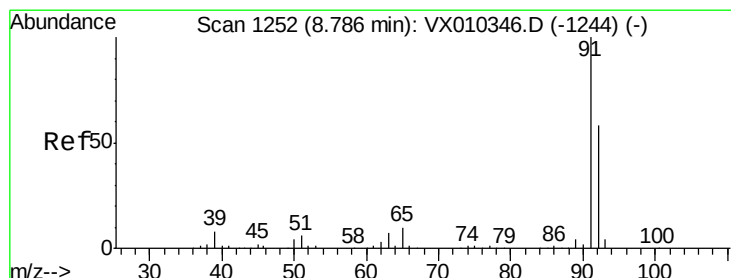
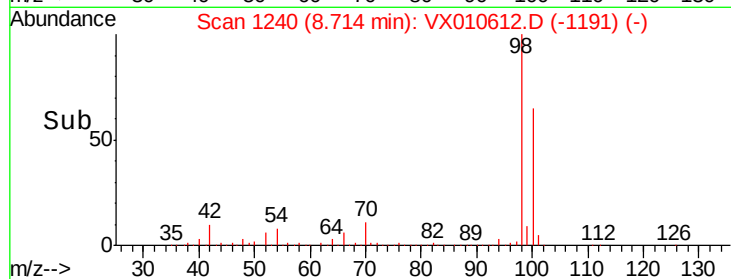
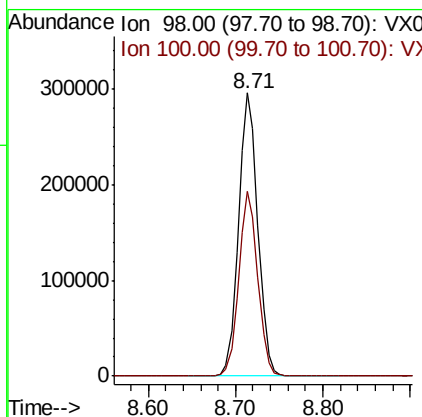
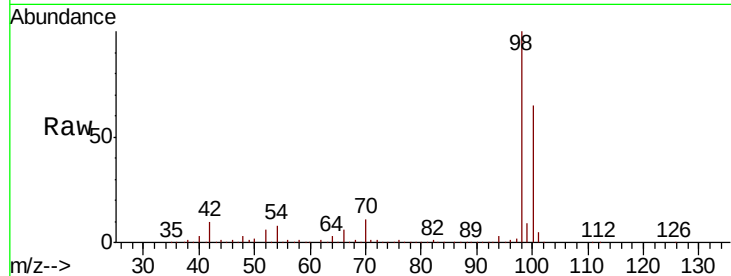
#50
Toluene-d8
Concen: 50.955 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010612.D
Acq: 02 Jul 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
TWR1

Tot Ion: 98 Resp: 455694
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

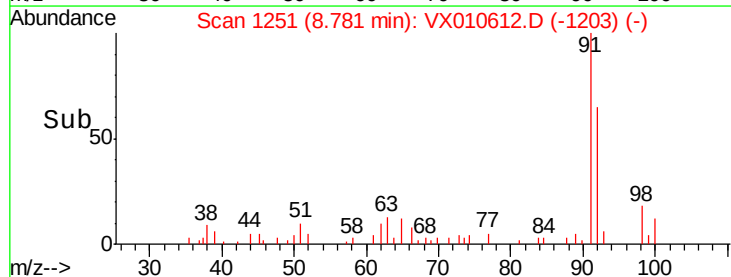
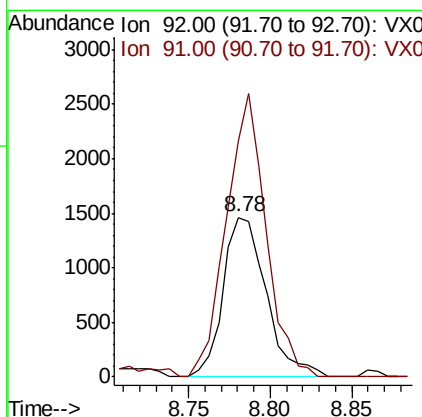
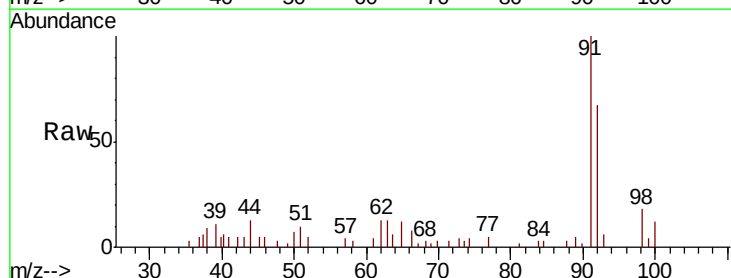
Manual Integrations
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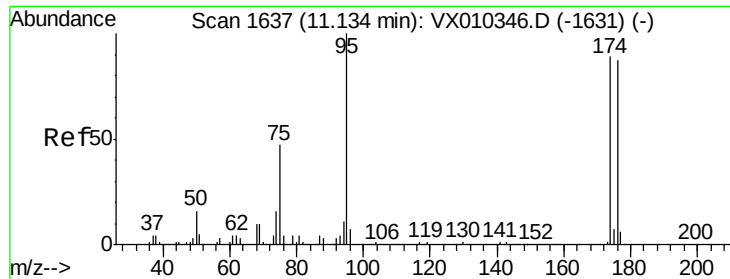
MMDadoda
7/3/2019 9:29:43 AM



#52
Toluene
Concen: 0.431 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010612.D
Acq: 02 Jul 2019 13:17

Tgt Ion: 92 Resp: 2686
Ion Ratio Lower Upper
92 100
91 163.6 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 47.730 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010612.D

Acq: 02 Jul 2019 13:17

Instrument :

MSVOA_X

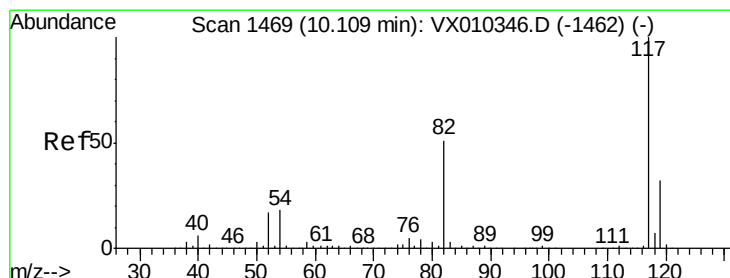
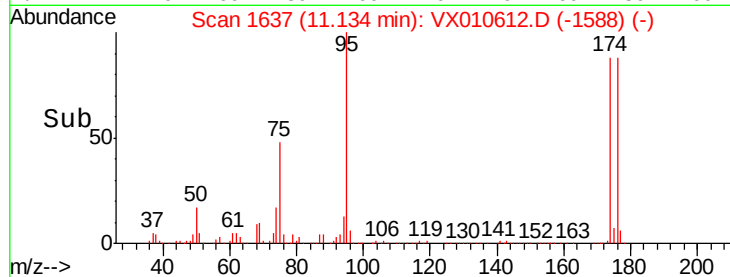
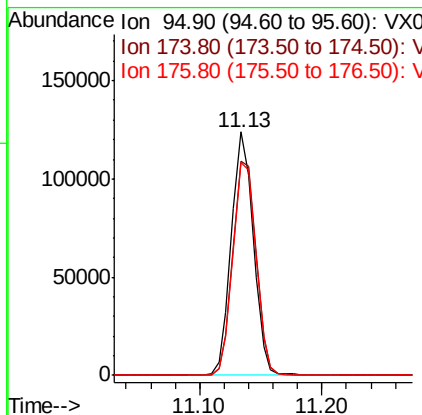
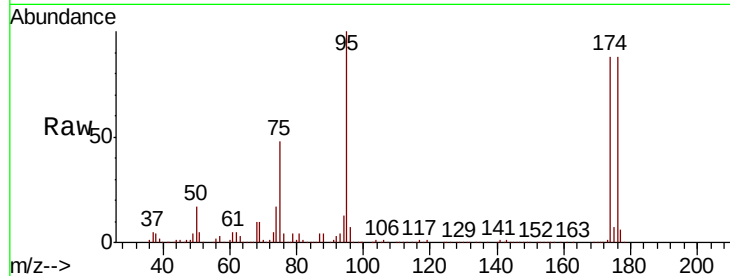
ClientSampled :

TWR1

Tot Ion:	95	Resp:	154105
Ion Ratio	Lower	Upper	
95	100		
174	93.3	0.0	187.6
176	91.6	0.0	184.0

Manual Integrations
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7/3/2019 9:29:43 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

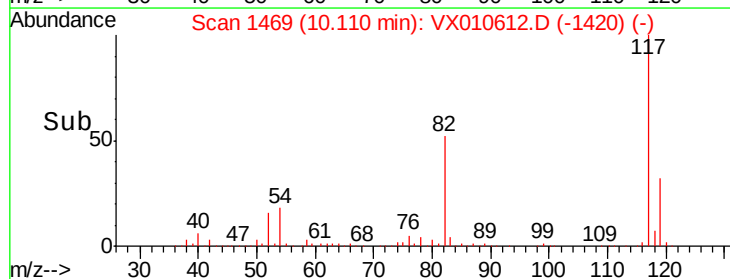
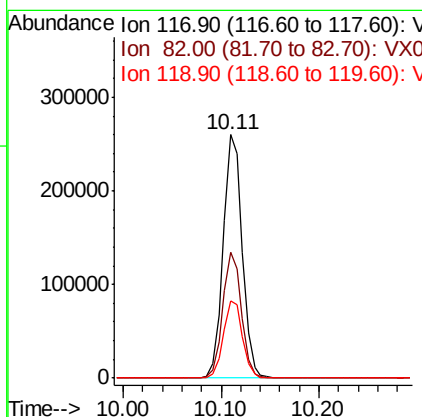
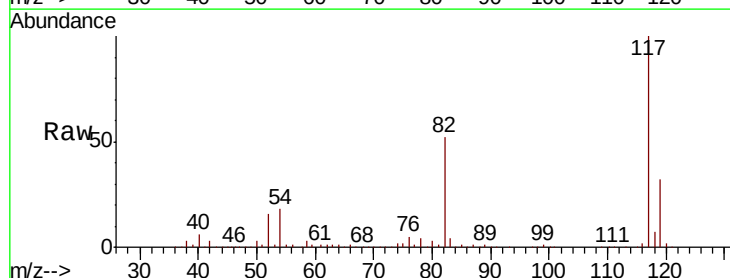
RT: 10.11 min Scan# 1469

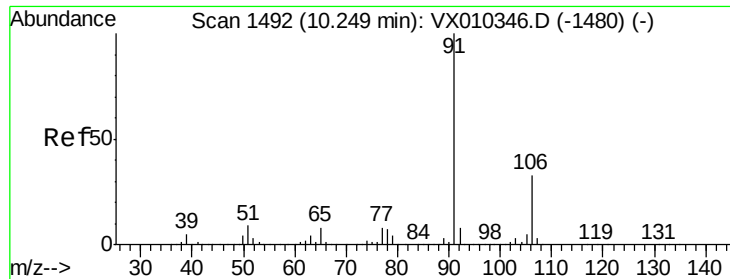
Delta R.T. 0.00 min

Lab File: VX010612.D

Acq: 02 Jul 2019 13:17

Tgt Ion:	117	Resp:	350017
Ion Ratio	Lower	Upper	
117	100		
82	51.9	41.2	61.8
119	31.6	25.5	38.3





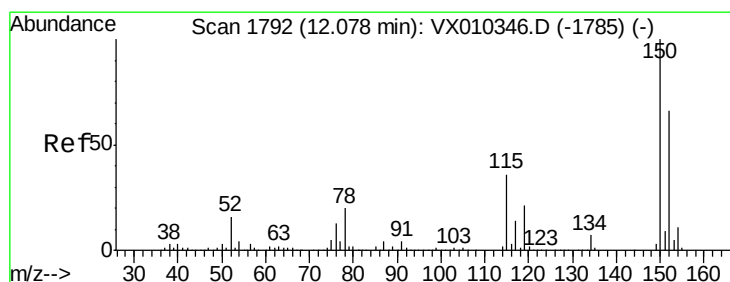
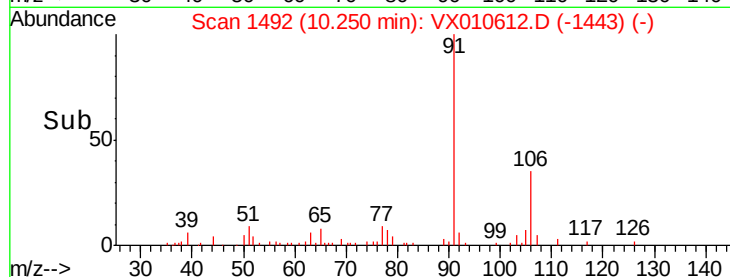
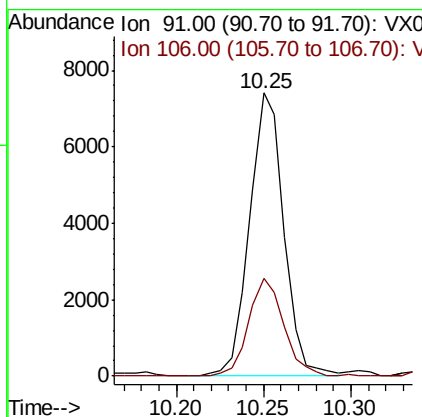
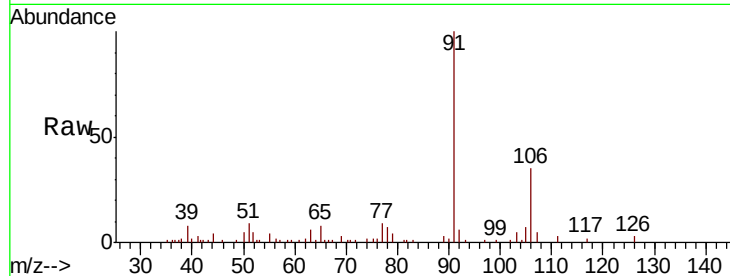
#67
Ethyl Benzene
Concen: 0.841 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010612.D
Acq: 02 Jul 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
TWR1

Tot Ion: 91 Resp: 10093
Ion Ratio Lower Upper
91 100
106 34.6 26.2 39.2

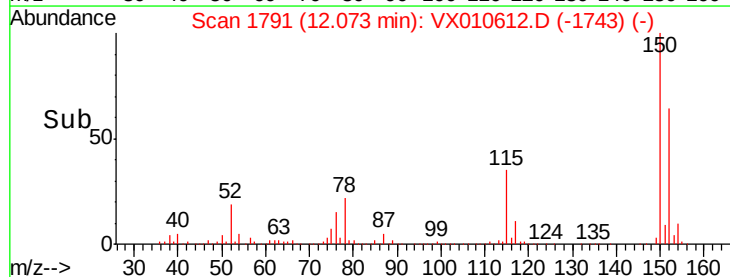
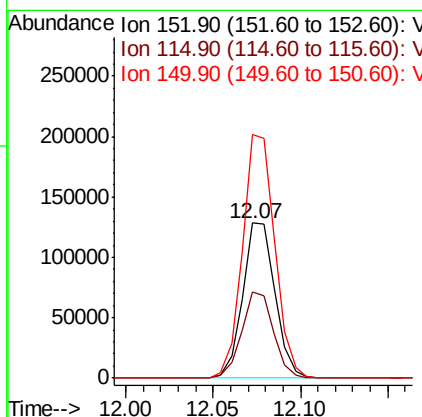
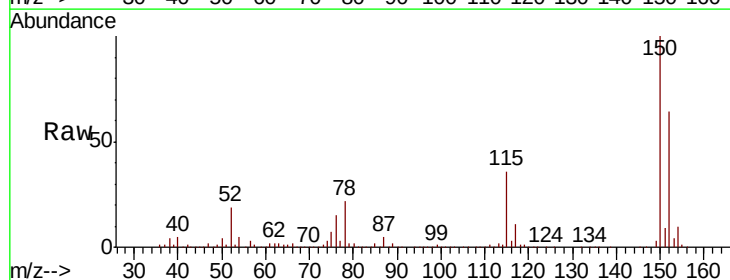
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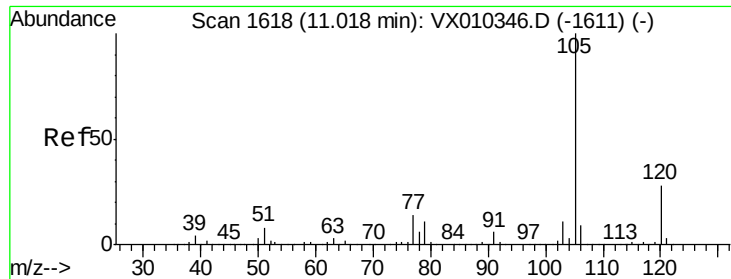
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010612.D
Acq: 02 Jul 2019 13:17

Tgt Ion: 152 Resp: 164172
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 156.8 0.0 347.4





#73

Isopropylbenzene

Concen: 2.016 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010612.D

Acq: 02 Jul 2019 13:17

Instrument :

MSVOA_X

ClientSampled :

TWR1

Tot Ion: 105 Resp: 22431

Ion Ratio Lower Upper

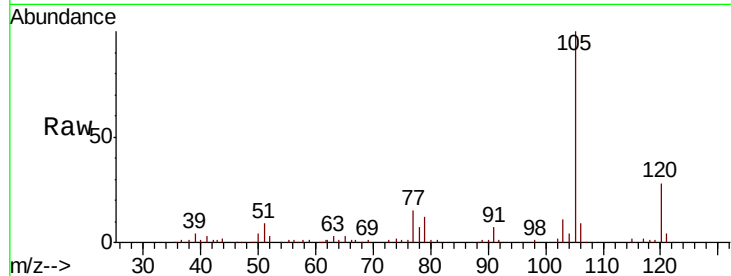
105 100

120 27.7 14.1 42.4

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

15000

10000

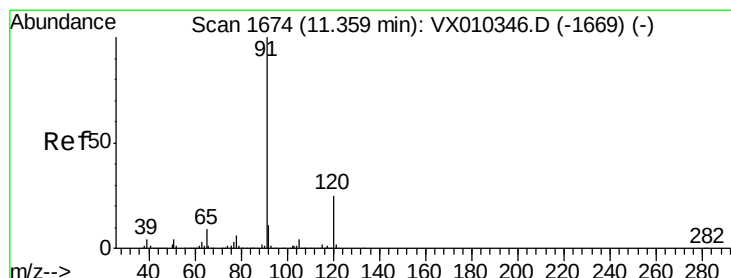
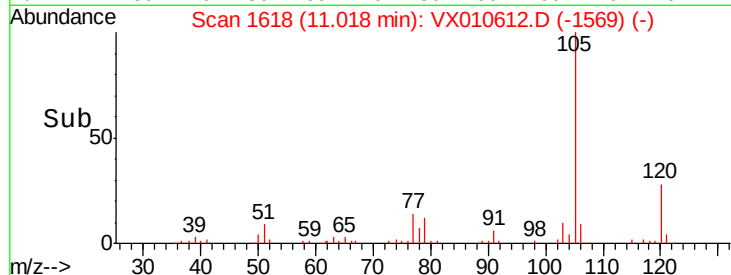
5000

0

11.02

10.95 11.00 11.05 11.10

Time-->



#78

n-propylbenzene

Concen: 3.465 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010612.D

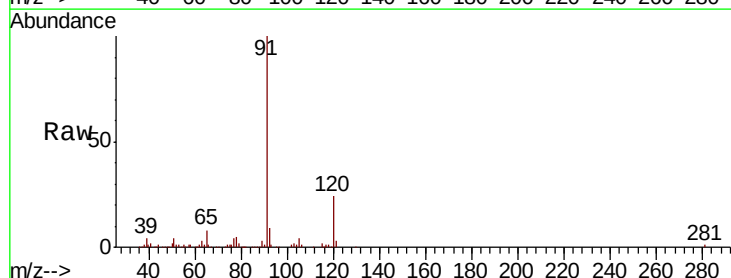
Acq: 02 Jul 2019 13:17

Tgt Ion: 91 Resp: 42378

Ion Ratio Lower Upper

91 100

120 24.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

40000

30000

20000

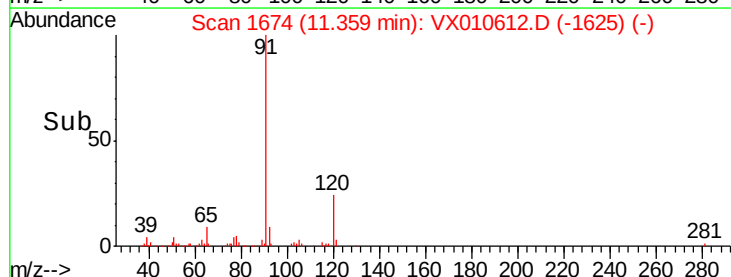
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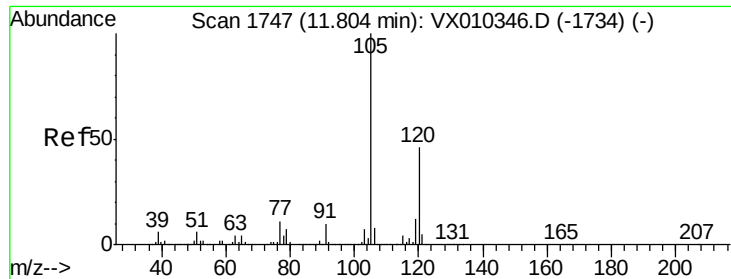
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11.36

11.30 11.35 11.40

Time-->





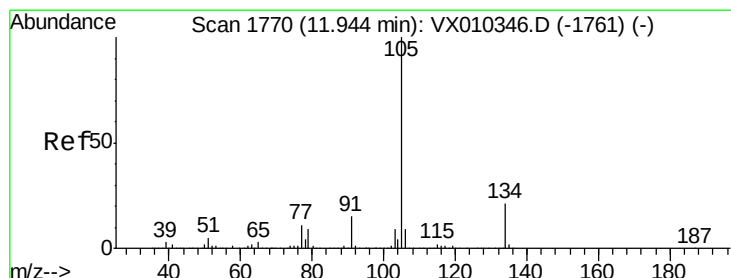
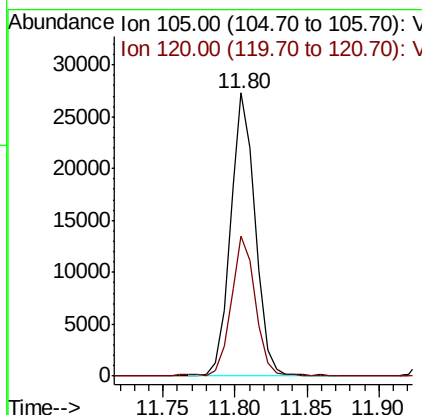
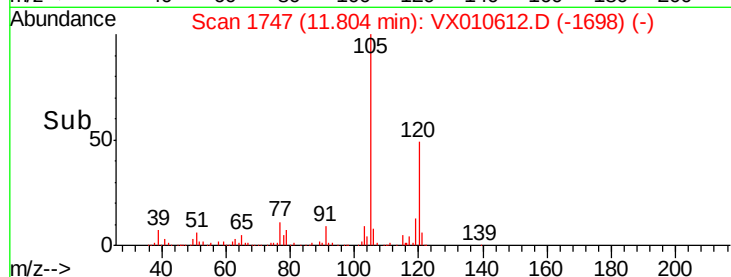
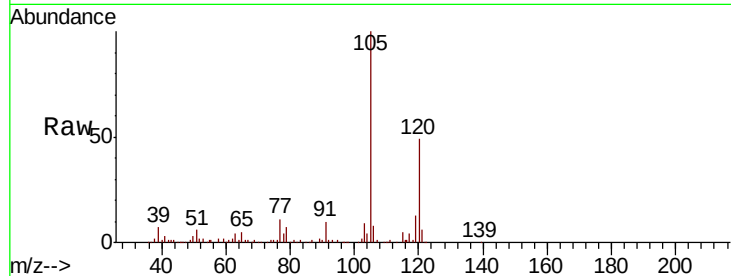
#84
 1,2,4-Trimethylbenzene
 Concen: 3.552 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010612.D
 Acq: 02 Jul 2019 13:17

Instrument :
 MSVOA_X
 ClientSampled :
 TWR1

Tot Ion:105 Resp: 32737
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.1 69.2

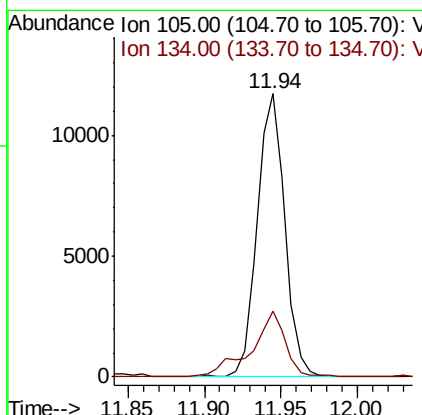
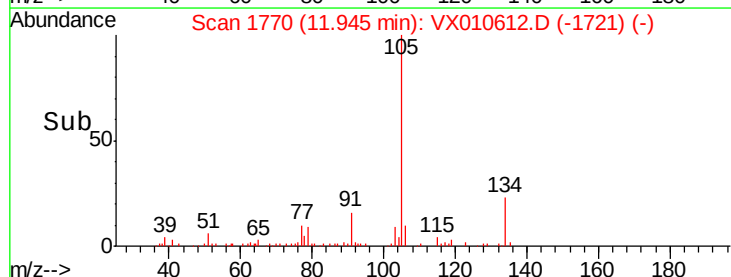
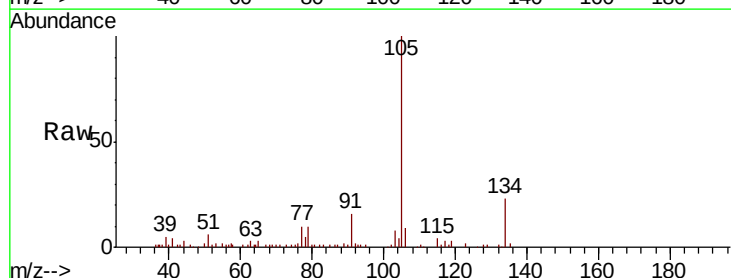
Manual Integrations
 APPROVED

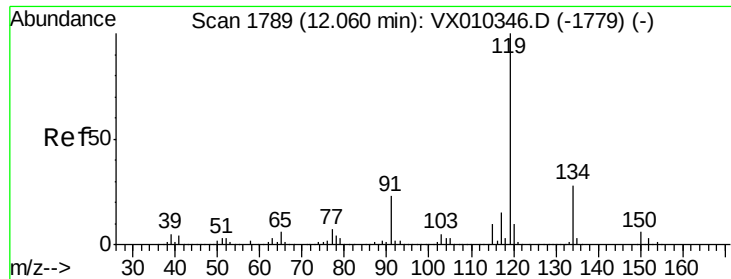
MMDadoda
 7/3/2019 9:29:43 AM



#85
 sec-Butylbenzene
 Concen: 1.363 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010612.D
 Acq: 02 Jul 2019 13:17

Tgt Ion:105 Resp: 14731
 Ion Ratio Lower Upper
 105 100
 134 28.8 10.7 31.9





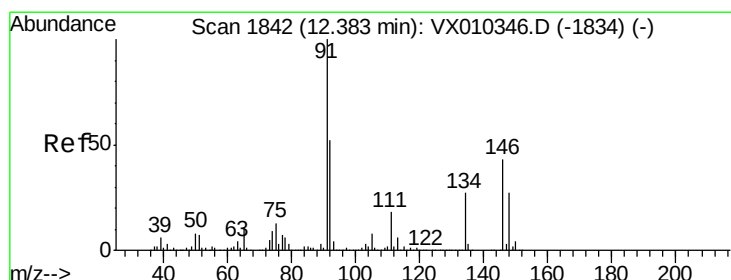
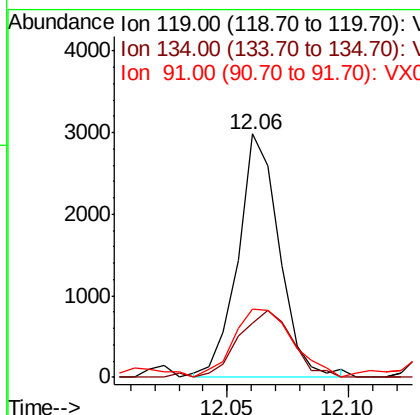
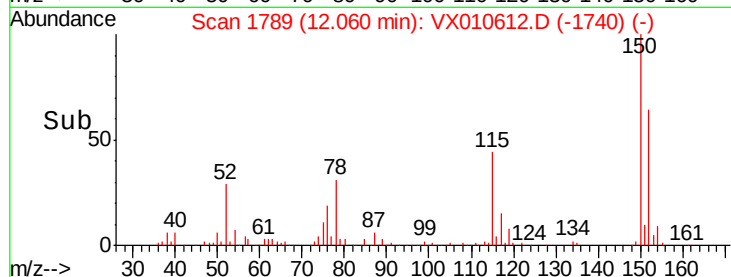
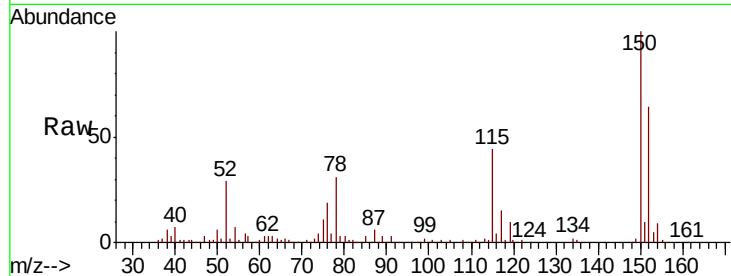
#86
p-Isopropyltoluene
Concen: 0.356 ug/l m
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010612.D
Acq: 02 Jul 2019 13:17

Instrument :
MSVOA_X
ClientSampled :
TWR1

Tot Ion	Ratio	Resp	Lower	Upper
119	100	3559		
134	39.9	13.7	41.1	
91	36.6	11.3	33.8#	

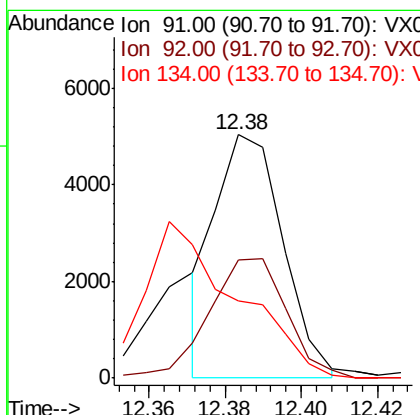
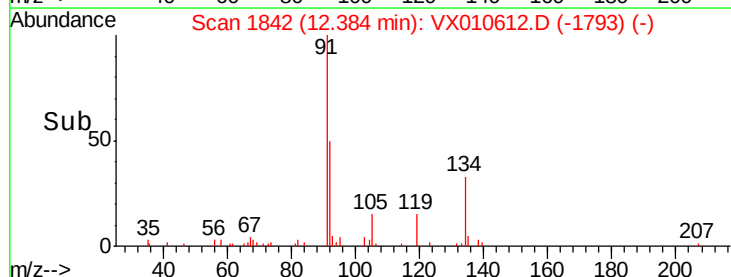
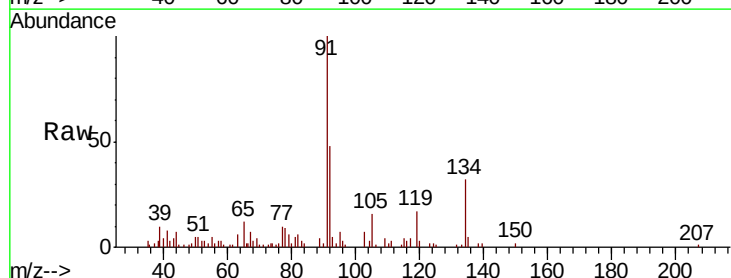
Manual Integrations
APPROVED

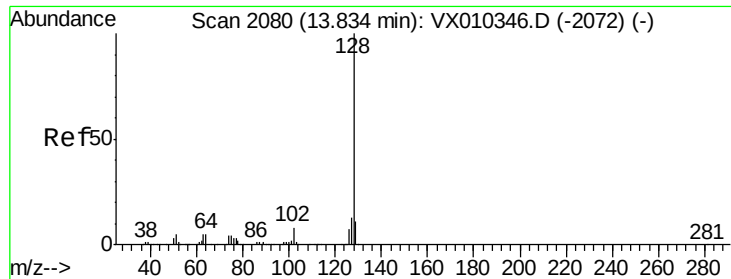
MMDadoda
7/3/2019 9:29:43 AM



#89
n-Butylbenzene
Concen: 0.726 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010612.D
Acq: 02 Jul 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	6166		
92	57.2	26.2	78.5	
134	0.0	14.1	42.4#	





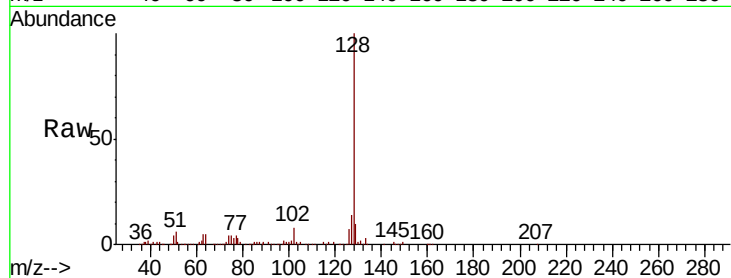
#95
Naphthalene
Concen: 4.432 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010612.D
Acq: 02 Jul 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
TWR1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.4
129	13.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/3/2019 9:29:43 AM



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

