

Data File : VX004414.D
Acq On : 07 Sep 2018 18:18
Operator : JC/MD
Sample : J4812-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Manual Integrations
APPROVED

MMDadoda
9/10/2018 11:15:39 AM

Quant Time: Sep 14 07:04:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	544927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	537856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	303687	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	224185	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.50	113	200540	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.71	98	805217	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	11.14	95	305446	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	

Target Compounds				Qvalue		
31) Cyclohexane	5.57	56	139242	21.703	ug/l	98
39) Methylcyclohexane	7.46	83	211017	30.169	ug/l	92
52) Toluene	8.79	92	4973	0.434	ug/l	97
73) Isopropylbenzene	11.02	105	83676	4.195	ug/l	99
78) n-propylbenzene	11.36	91	128113	5.585	ug/l	98
83) tert-Butylbenzene	11.77	119	5562	0.335	ug/l	89
85) sec-Butylbenzene	11.94	105	43534	2.206	ug/l	97
86) p-Isopropyltoluene	12.07	119	10818	0.612	ug/l	88
89) n-Butylbenzene	12.39	91	21959m	1.527	ug/l	

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

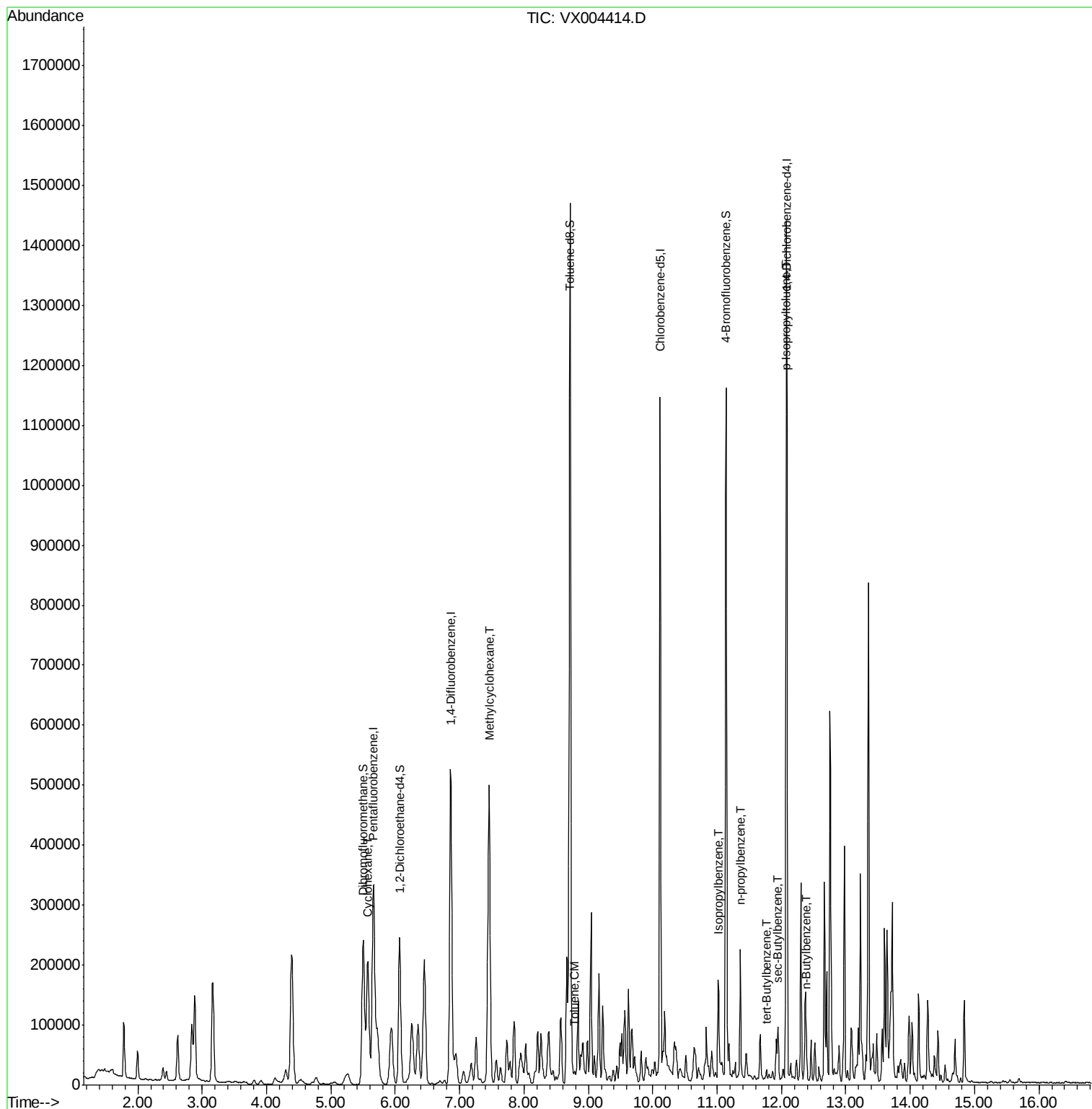
Data File : VX004414.D
Acq On : 07 Sep 2018 18:18
Operator : JC/MD
Sample : J4812-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

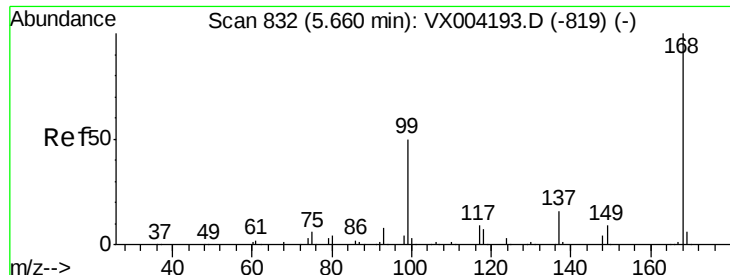
Instrument :
MSVOA_X
ClientSampled :
MW-10

Manual Integrations
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9/10/2018 11:15:39 AM

Quant Time: Sep 14 07:04:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-10

Tgt Ion:168 Resp: 351101

Ion Ratio Lower Upper

168 100

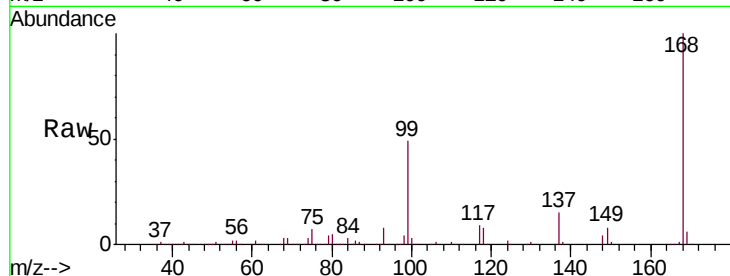
99 49.4 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

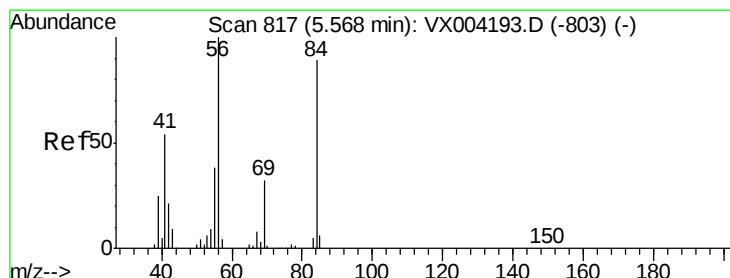
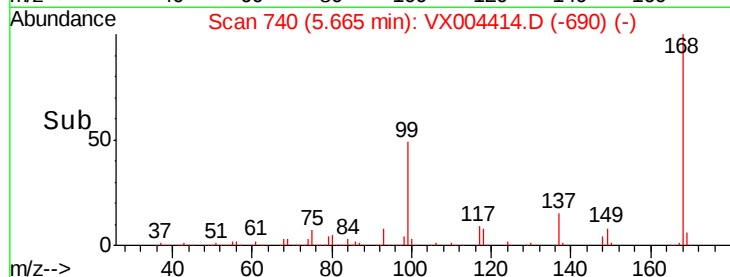
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 21.703 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

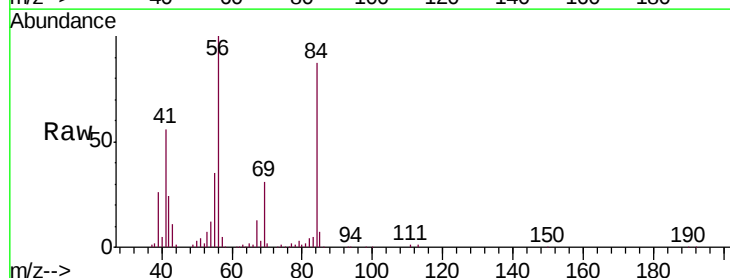
Tgt Ion: 56 Resp: 139242

Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.2

84 87.4 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

60000

50000

40000

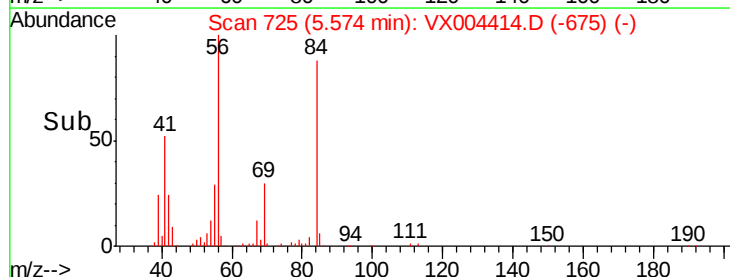
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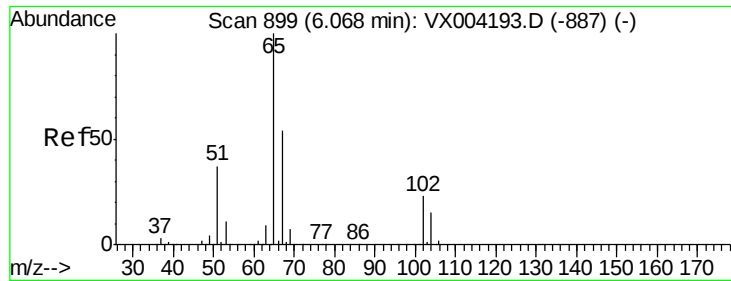
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10000

0

Time--> 5.40 5.50 5.60 5.70





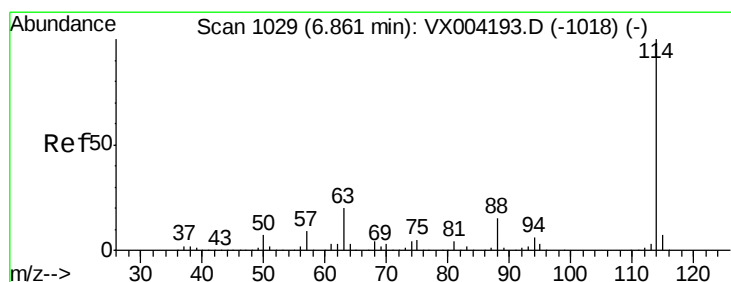
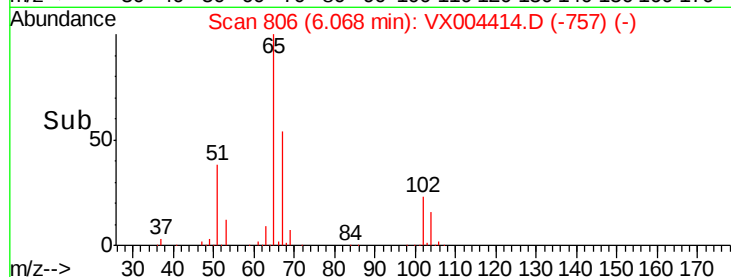
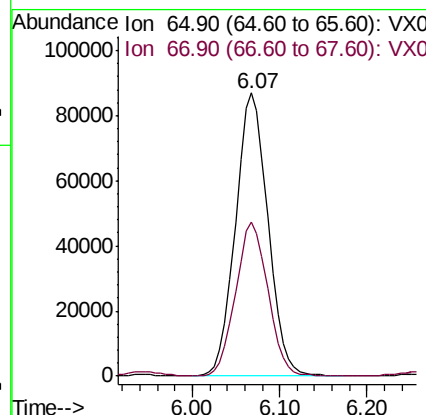
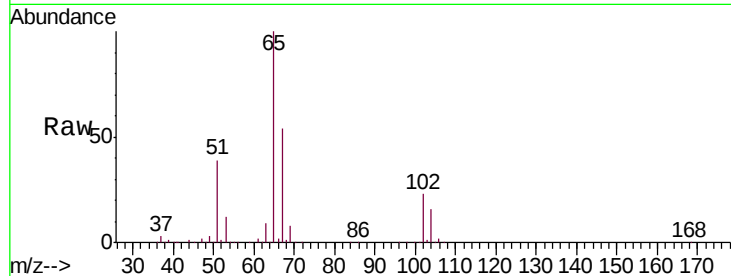
#33
 1,2-Dichloroethane-d4
 Concen: 48.990 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Instrument :
 MSVOA_X
 ClientSampleID :
 MW-10

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	224185		
67	53.8	0.0	106.8	

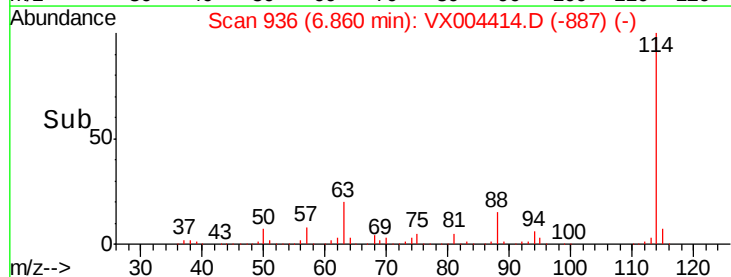
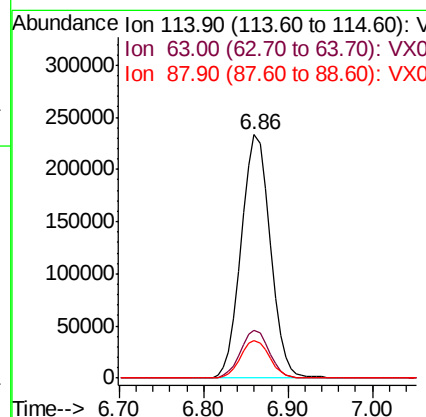
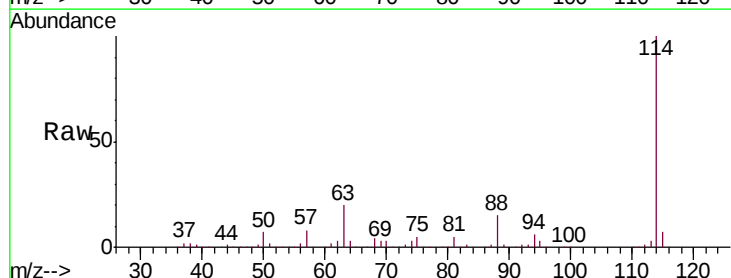
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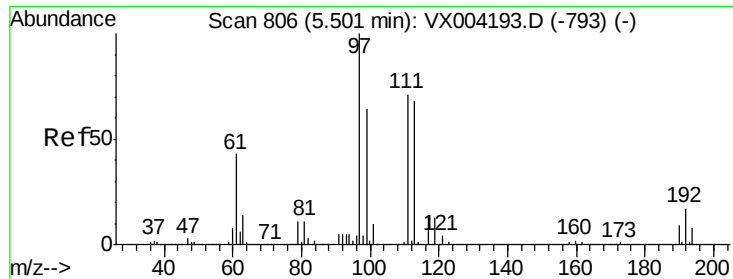
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	544927		
63	19.7	0.0	39.0	
88	15.3	0.0	30.4	





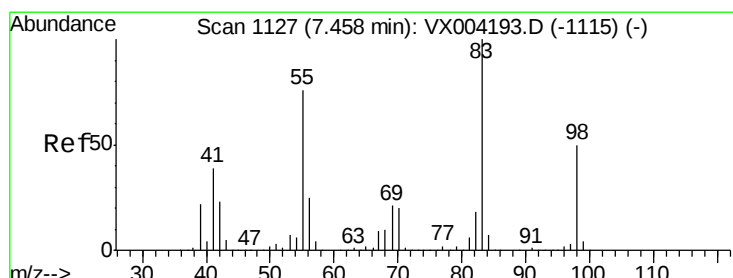
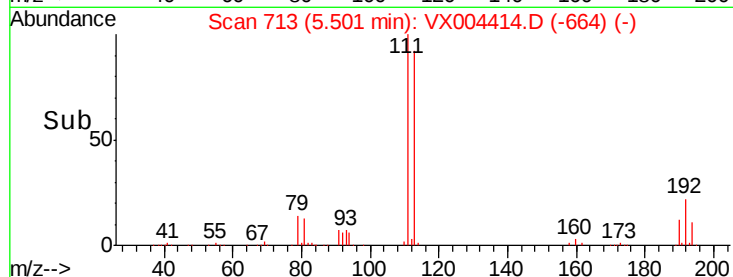
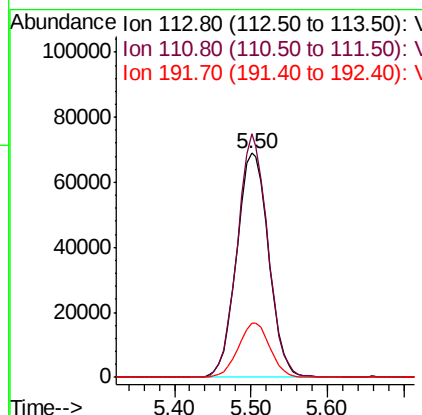
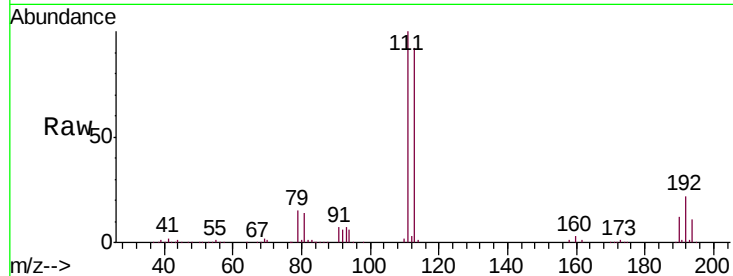
#35
Dibromofluoromethane
Concen: 49.468 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	200540		
111	103.2	82.4	123.6	
192	23.8	19.4	29.2	

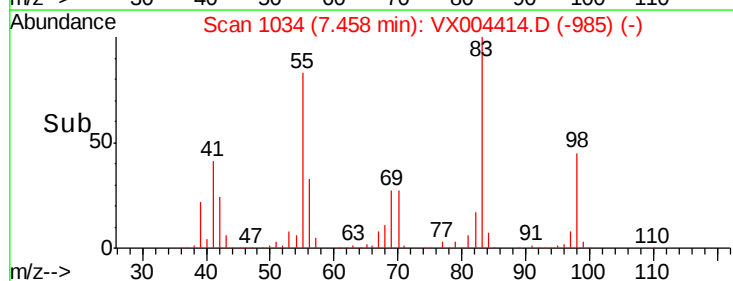
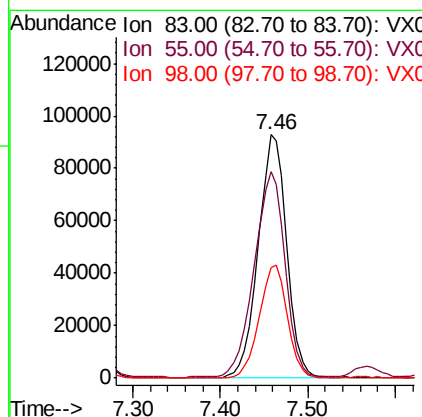
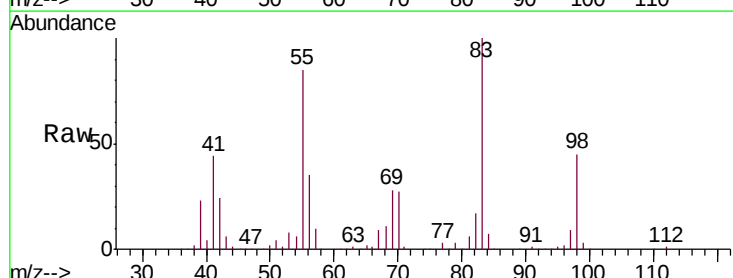
Manual Integrations
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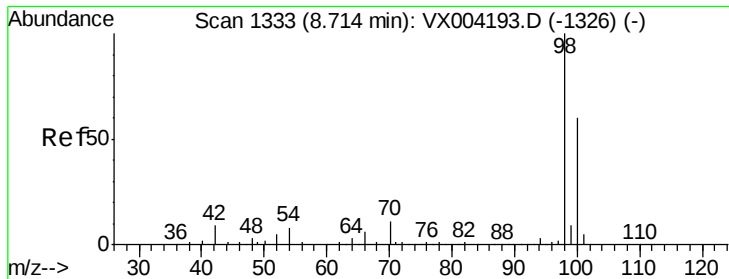
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#39
Methylcyclohexane
Concen: 30.169 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	211017		
55	84.6	61.0	91.4	
98	45.5	39.6	59.4	





#50

Toluene-d8

Concen: 52.622 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-10

Tgt Ion: 98 Resp: 805217

Ion Ratio Lower Upper

98 100

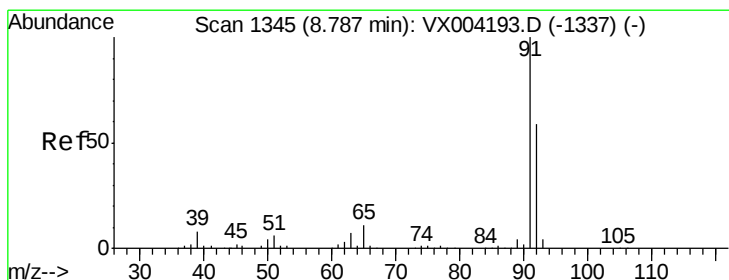
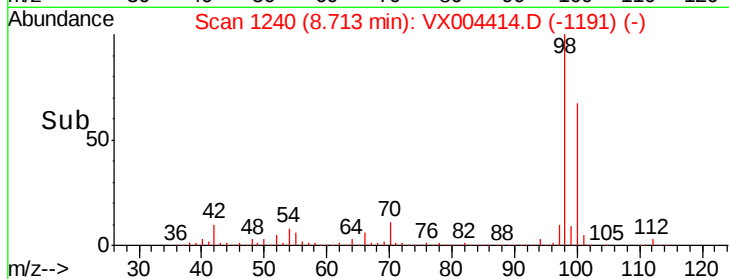
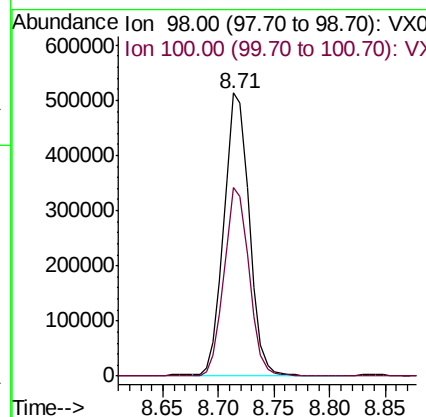
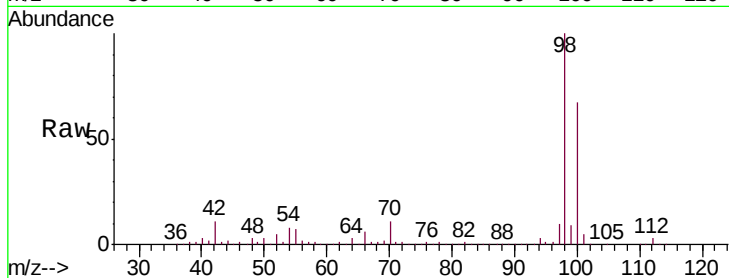
100 66.2 52.9 79.3

Manual Integrations

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#52

Toluene

Concen: 0.434 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004414.D

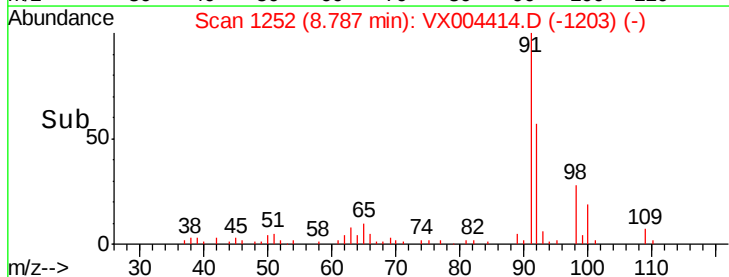
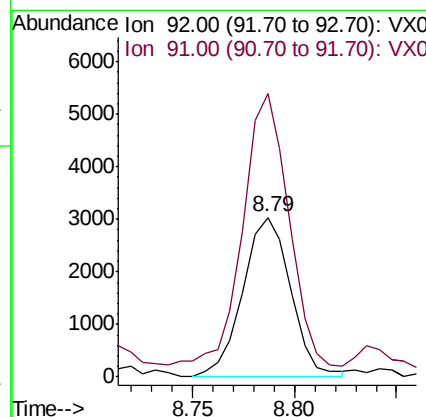
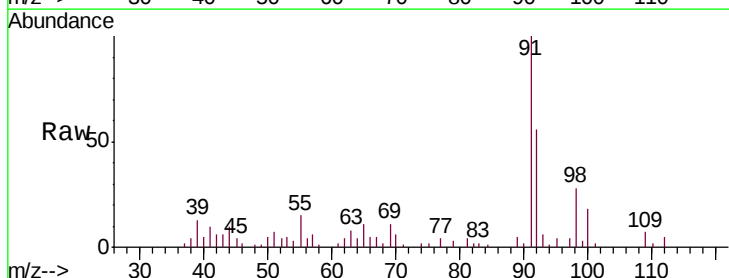
Acq: 07 Sep 2018 18:18

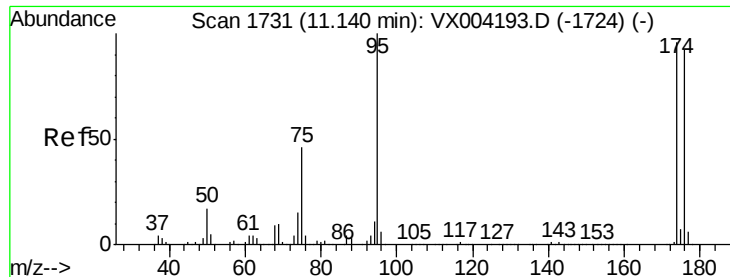
Tgt Ion: 92 Resp: 4973

Ion Ratio Lower Upper

92 100

91 166.8 136.4 204.6





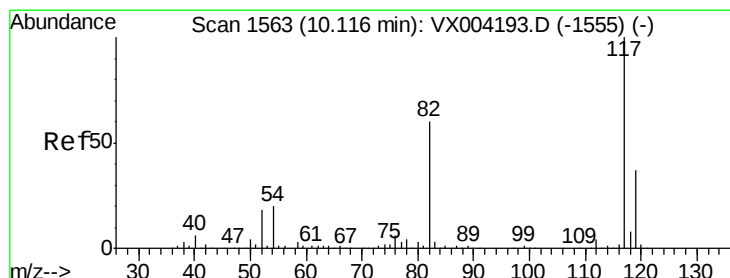
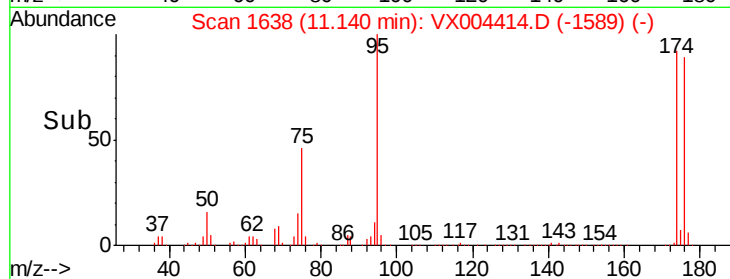
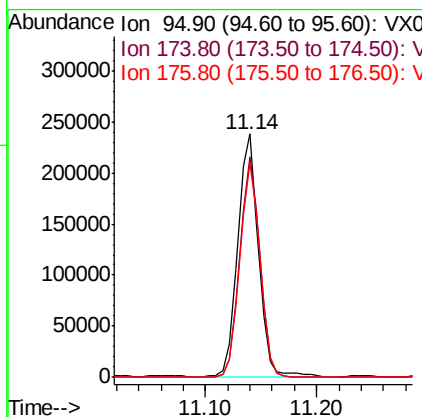
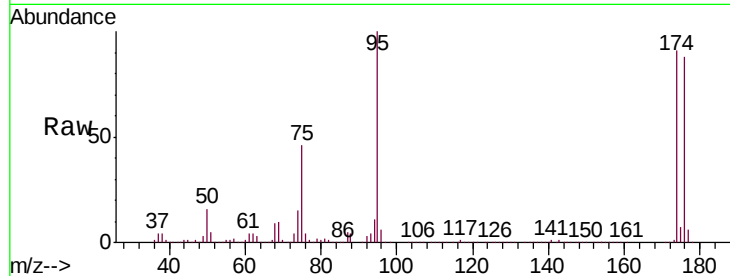
#62
4-Bromofluorobenzene
Concen: 53.497 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	185.2
176	85.9	0.0	178.6

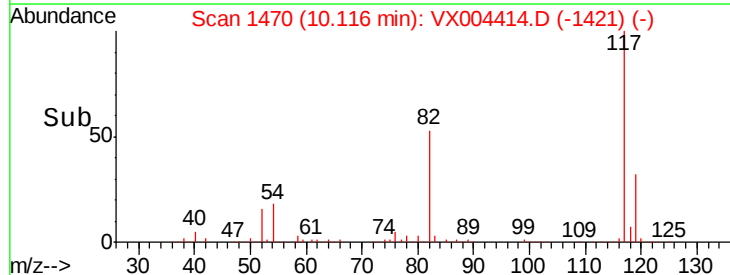
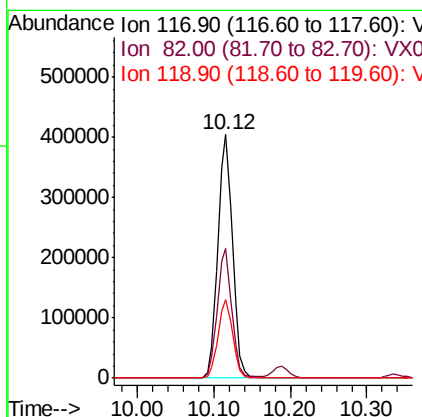
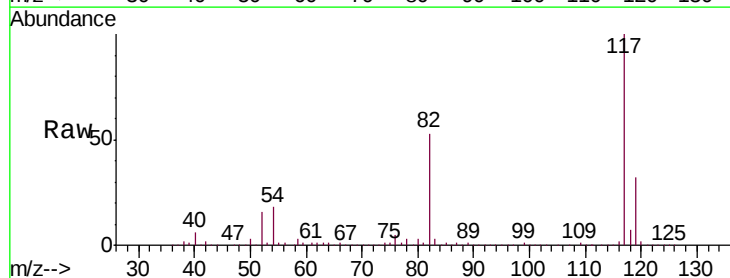
Manual Integrations
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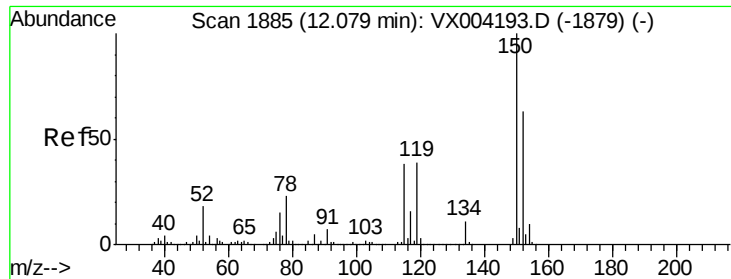
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	47.8	71.6
119	32.4	29.3	43.9





#72

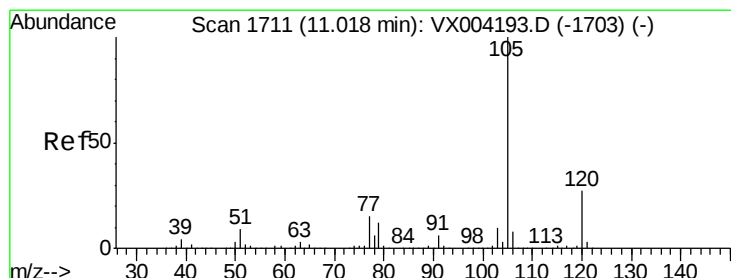
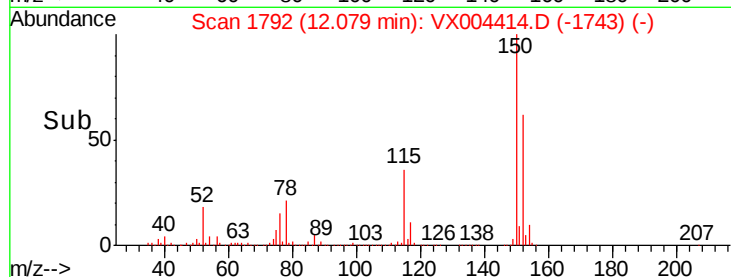
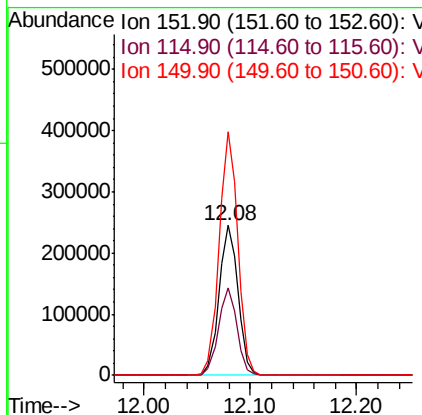
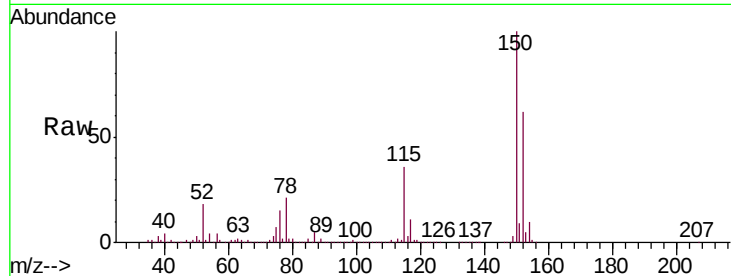
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Instrument :
MSVOA_X
ClientSampled :
MW-10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	303687		
115	56.1	39.0	117.0	
150	159.4	0.0	351.0	

Manual Integrations
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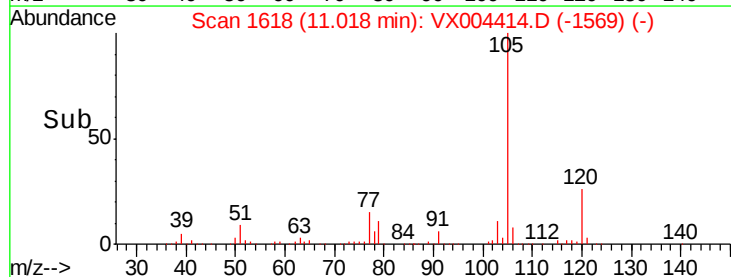
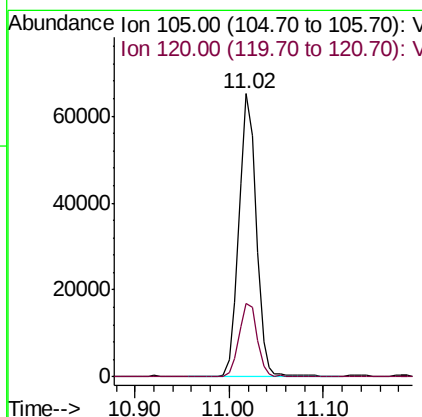
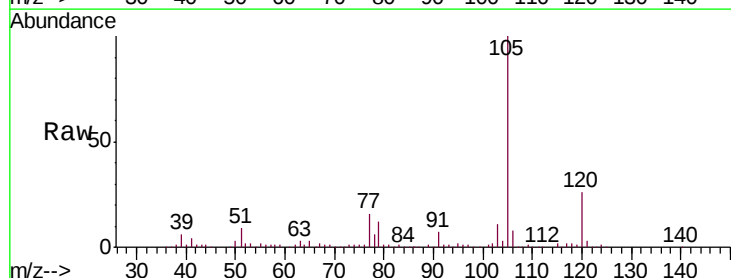
MMDadoda
9/10/2018 11:15:39 AM

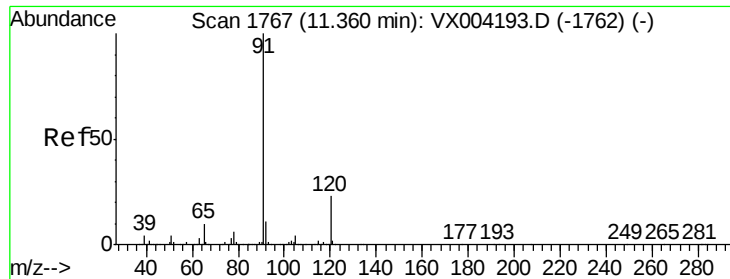


#73

Isopropylbenzene
Concen: 4.195 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	83676		
120	27.4	13.5	40.4	





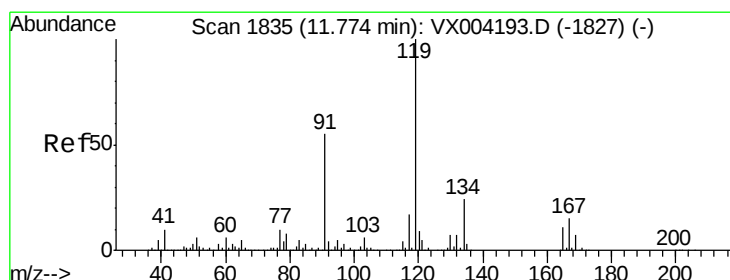
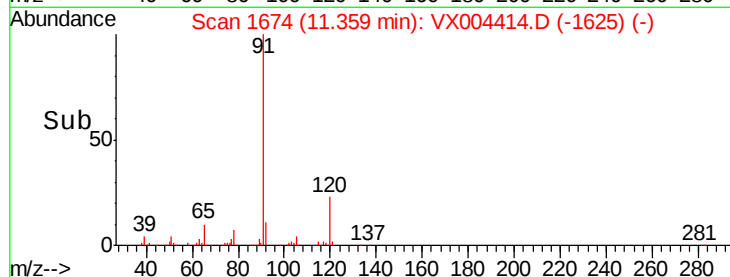
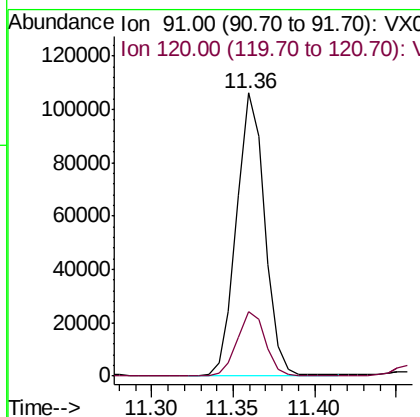
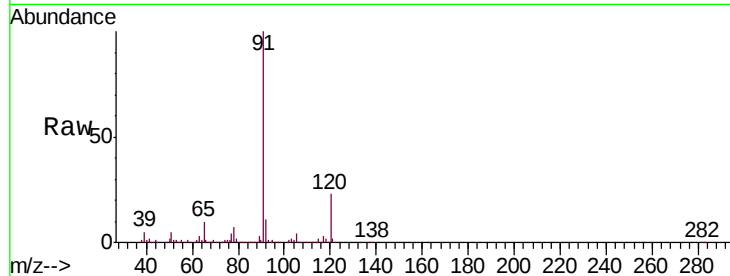
#78
n-propylbenzene
Concen: 5.585 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.9	35.9

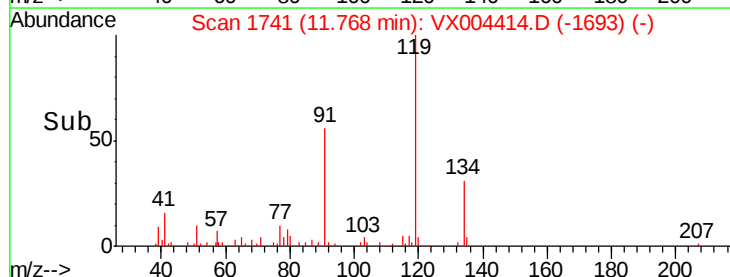
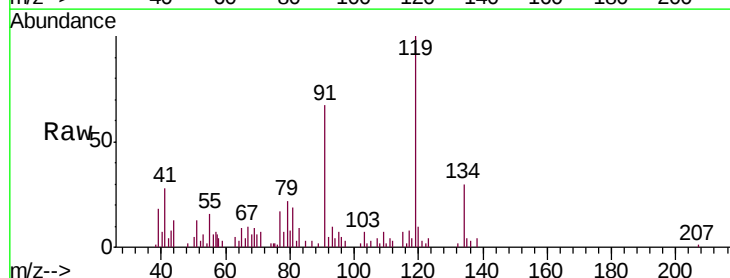
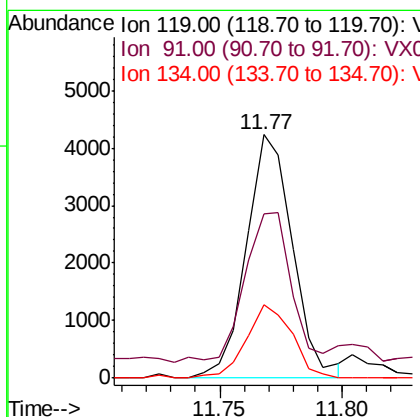
Manual Integrations
APPROVED

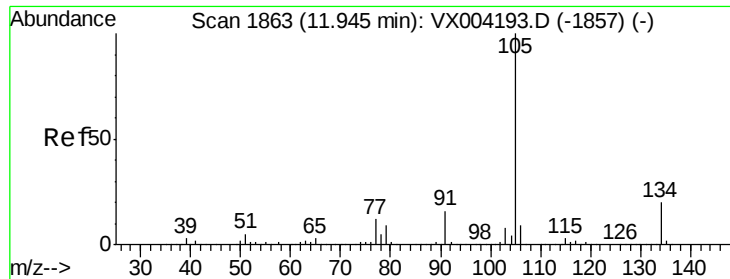
MMDadoda
9/10/2018 11:15:39 AM



#83
tert-Butylbenzene
Concen: 0.335 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004414.D
Acq: 07 Sep 2018 18:18

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.2	27.0	81.0
134	29.8	11.7	35.1





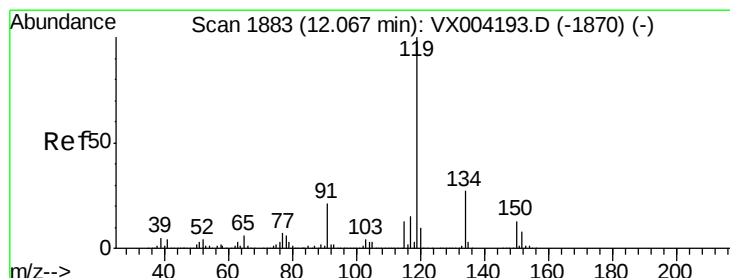
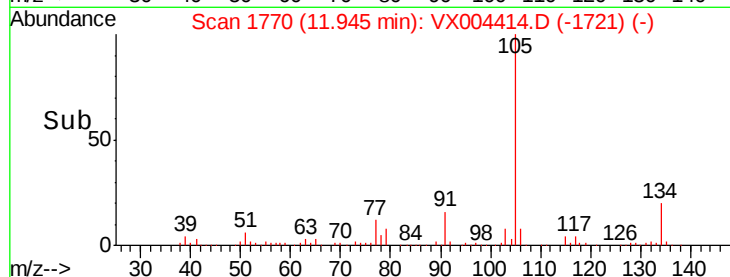
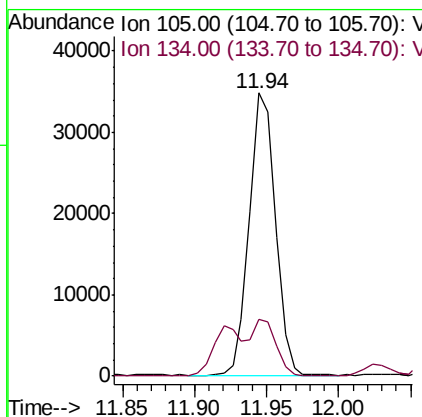
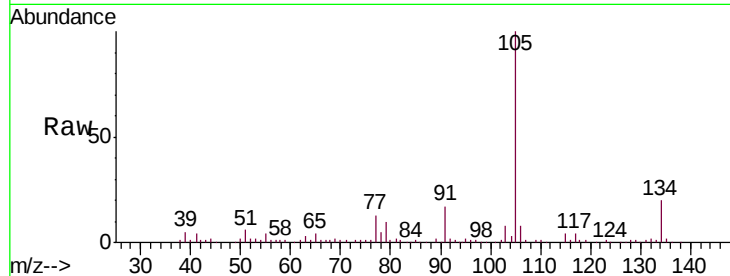
#85
 sec-Butylbenzene
 Concen: 2.206 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Tgt Ion:105 Resp: 43534
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.5 31.5

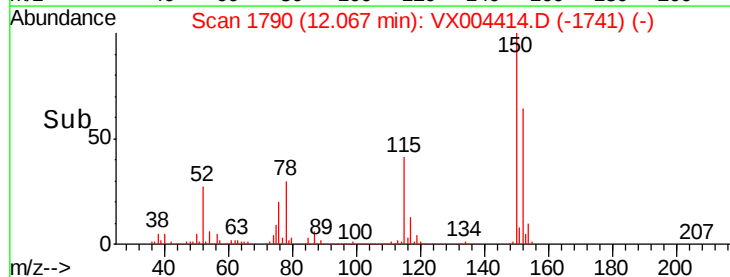
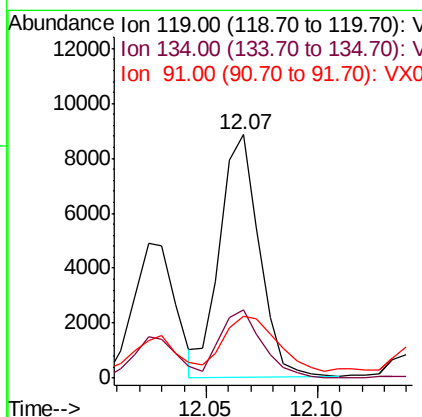
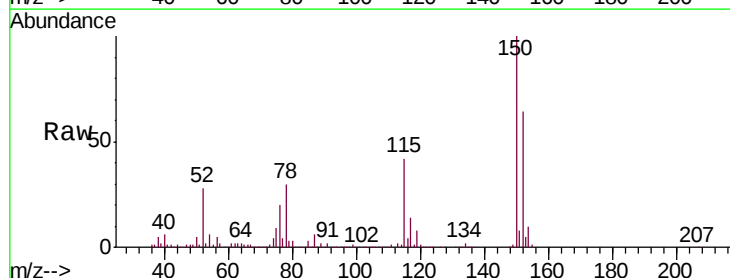
Manual Integrations
 APPROVED

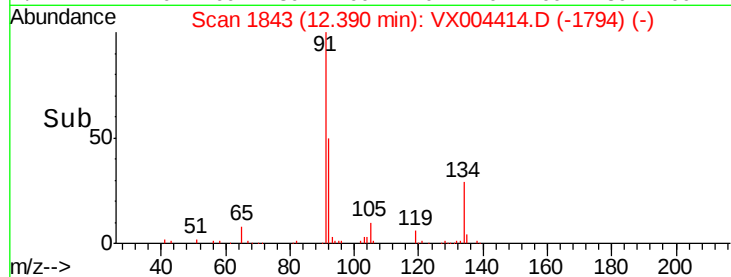
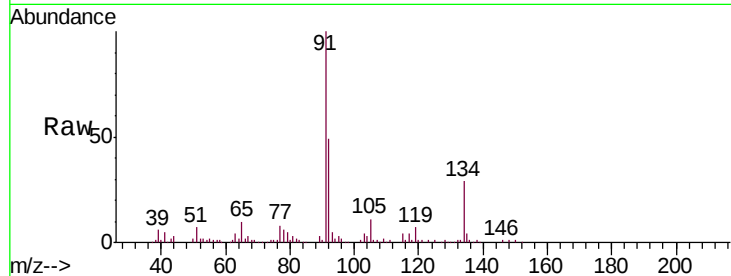
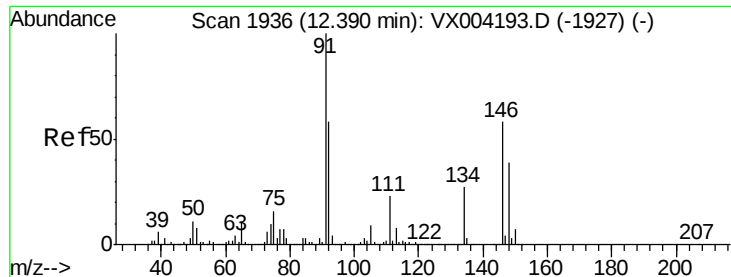
MMDadoda
 9/10/2018 11:15:39 AM



#86
 p-Isopropyltoluene
 Concen: 0.612 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004414.D
 Acq: 07 Sep 2018 18:18

Tgt Ion:119 Resp: 10818
 Ion Ratio Lower Upper
 119 100
 134 30.4 13.4 40.2
 91 30.0 10.9 32.7





#89

n-Butylbenzene

Concen: 1.527 ug/l m

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004414.D

Acq: 07 Sep 2018 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-10

Tgt Ion:	91	Resp:	21959
Ion	Ratio	Lower	Upper
91	100		
92	62.4	27.3	81.9
134	103.9	13.6	40.7#

Manual Integrations
APPROVED

MMDadoda
9/10/2018 11:15:39 AM

