

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008128.D
 Acq On : 16 Mar 2019 01:17
 Operator : JC/SP
 Sample : K1894-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

Manual Integrations
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MMDadoda
 3/16/2019 10:33:33 AM

Quant Time: Mar 16 02:26:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	382965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	127578	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	5.50	113	123984	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	8.71	98	462624	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.13	95	173804	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	4272	3.558	ug/l	99
67) Ethyl Benzene	10.25	91	86454	7.095	ug/l	99
68) m/p-Xylenes	10.36	106	9545	2.047	ug/l	99
69) o-Xylene	10.69	106	28310	6.228	ug/l	100
73) Isopropylbenzene	11.02	105	41636	3.422	ug/l	99
78) n-propylbenzene	11.36	91	38555	2.888	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	223246	21.585	ug/l	98
85) sec-Butylbenzene	11.94	105	20745	1.733	ug/l	96
89) n-Butylbenzene	12.38	91	6698m	0.739	ug/l	
95) Naphthalene	13.83	128	49801	4.263	ug/l #	88

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

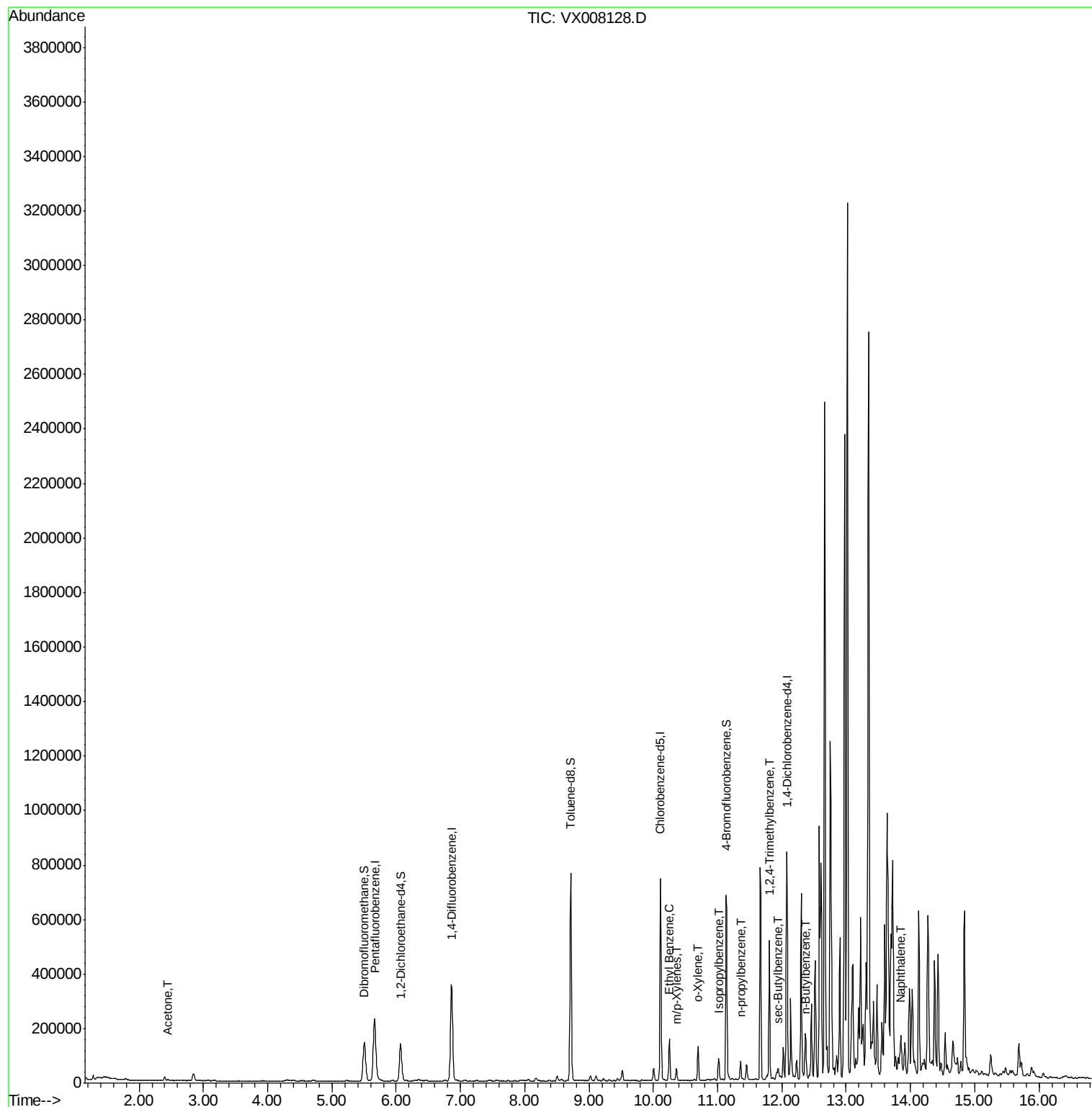
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Data File : VX008128.D
Acq On : 16 Mar 2019 01:17
Operator : JC/SP
Sample : K1894-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

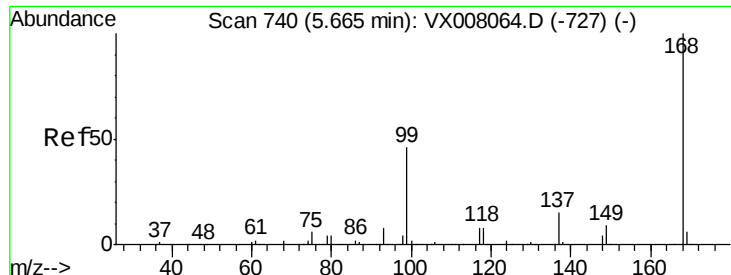
Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Manual Integrations
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MMDadoda
3/16/2019 10:33:33 AM

Quant Time: Mar 16 02:26:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 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: VX008128.D

Acq: 16 Mar 2019 01:17

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion:168 Resp: 252114

Ion Ratio Lower Upper

168 100

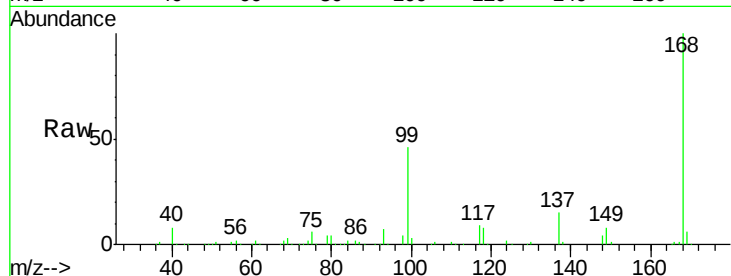
99 45.6 37.6 56.4

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

80000

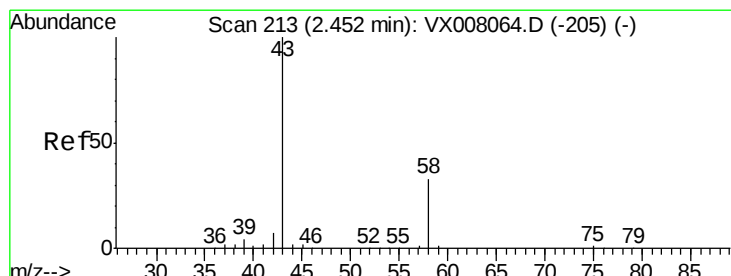
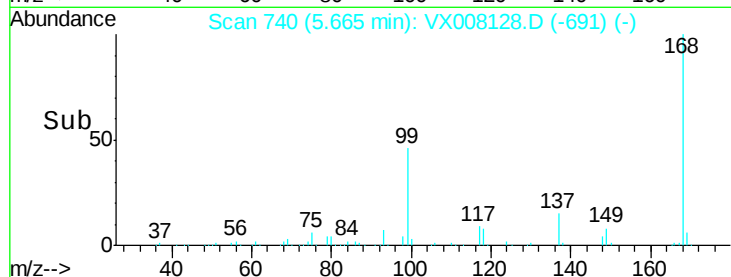
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.558 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008128.D

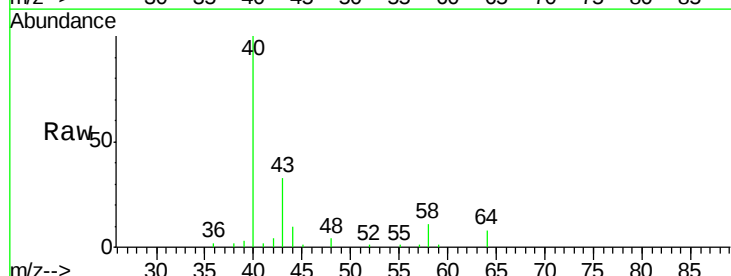
Acq: 16 Mar 2019 01:17

Tgt Ion: 43 Resp: 4272

Ion Ratio Lower Upper

43 100

58 32.7 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

2500

2000

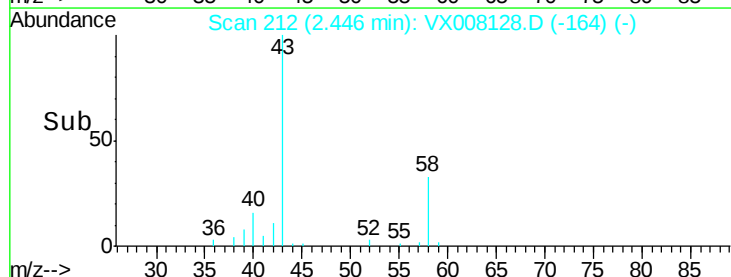
1500

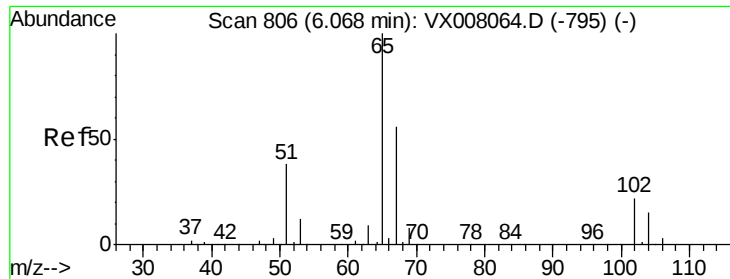
1000

500

0

Time--> 2.40 2.45 2.50 2.55





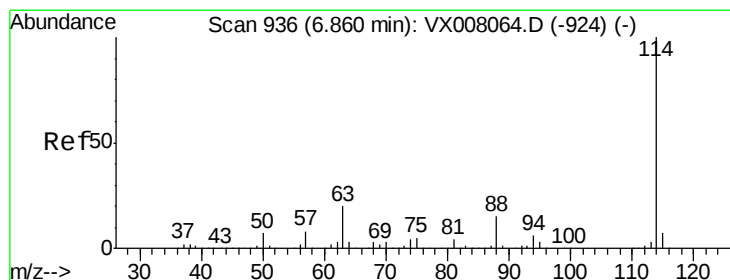
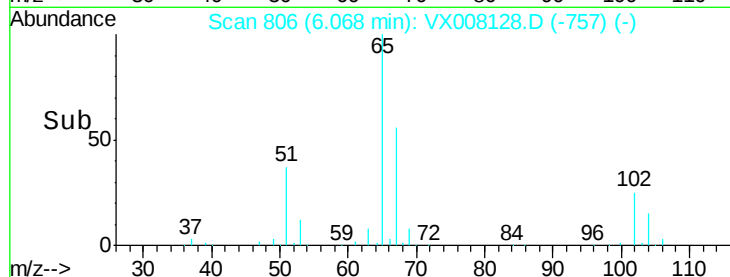
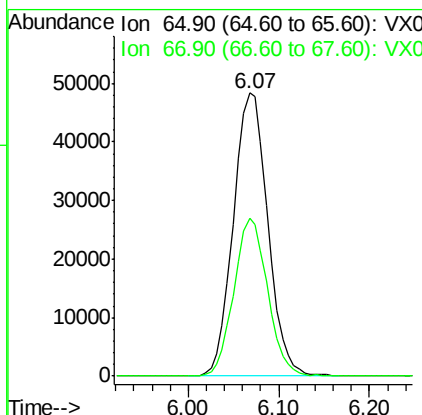
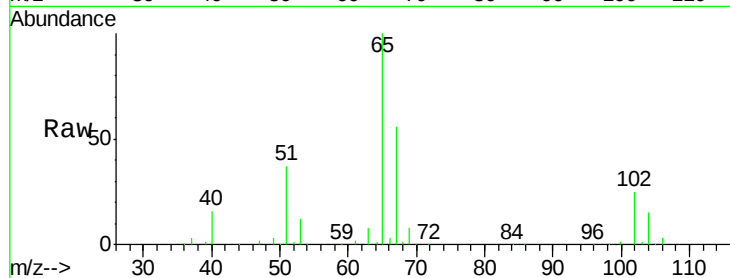
#33
 1,2-Dichloroethane-d4
 Concen: 50.165 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008128.D
 Acq: 16 Mar 2019 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

Tot Ion	Ratio	Resp	Lower	Upper
65	100	127578		
67	54.4	0.0	110.0	

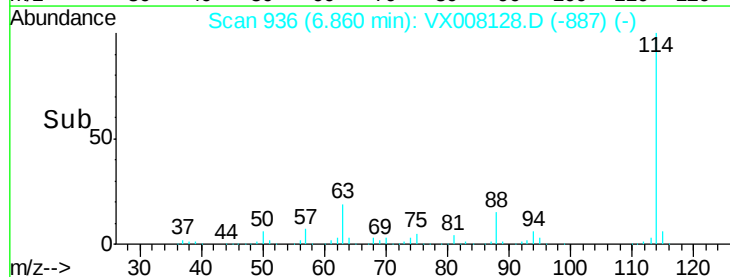
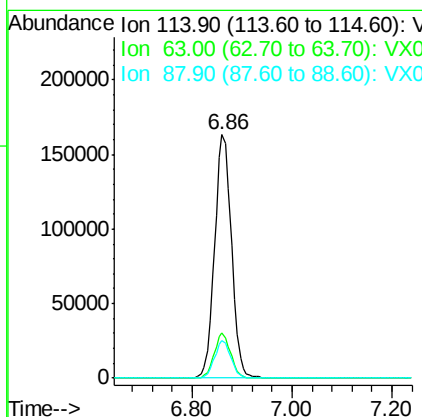
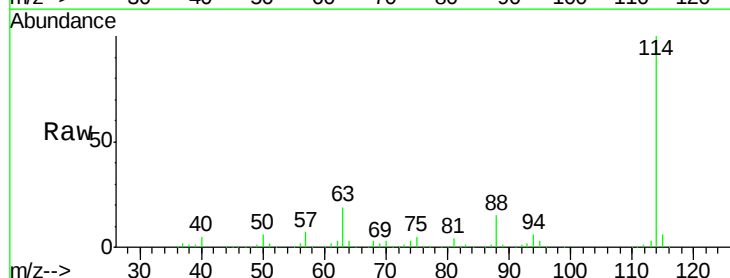
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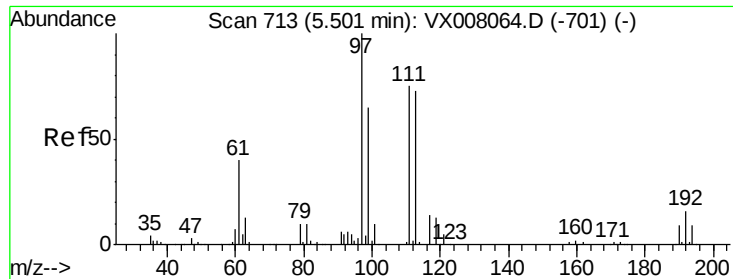
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008128.D
 Acq: 16 Mar 2019 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	382965		
63	18.6	0.0	39.8	
88	15.4	0.0	31.4	





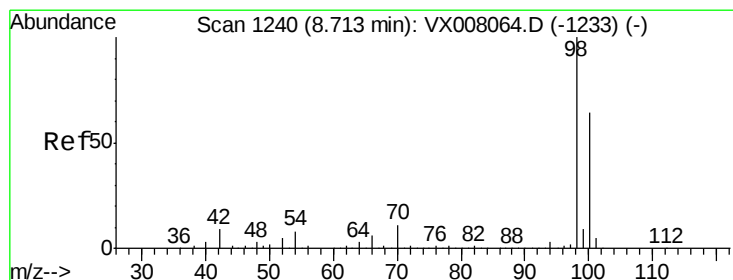
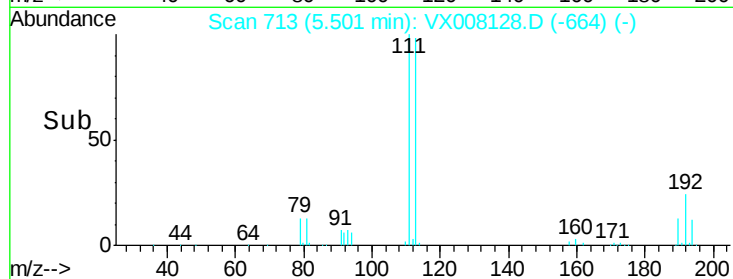
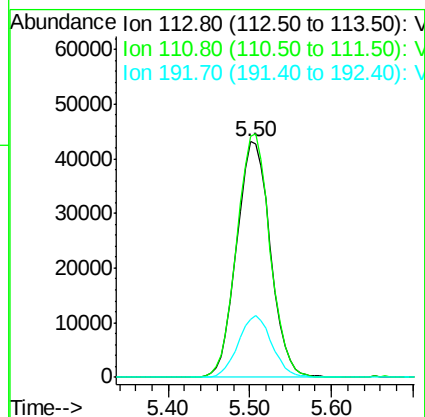
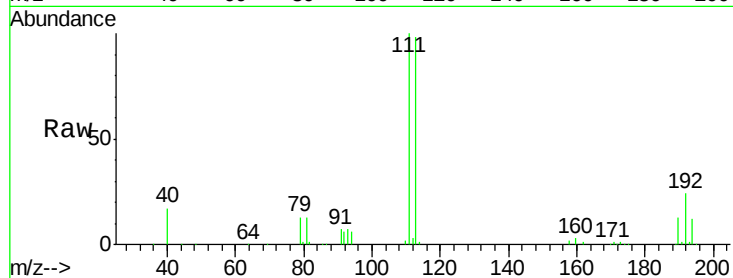
#35
 Dibromofluoromethane
 Concen: 51.053 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008128.D
 Acq: 16 Mar 2019 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	26.0	19.4	29.0

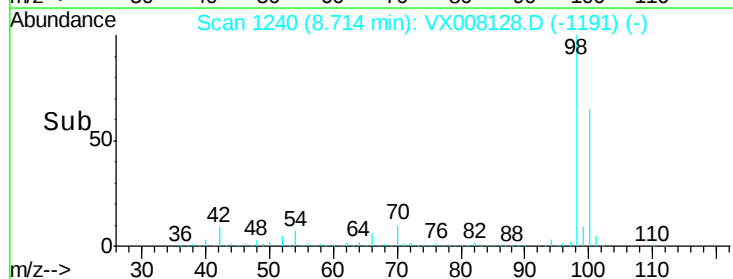
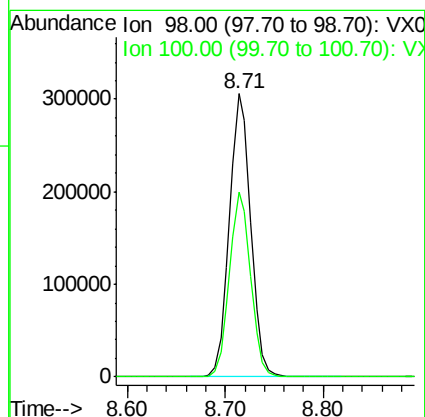
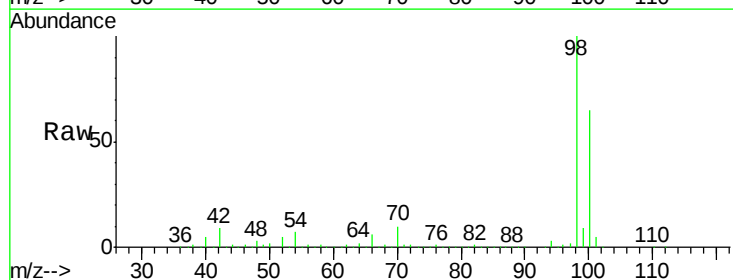
Manual Integrations
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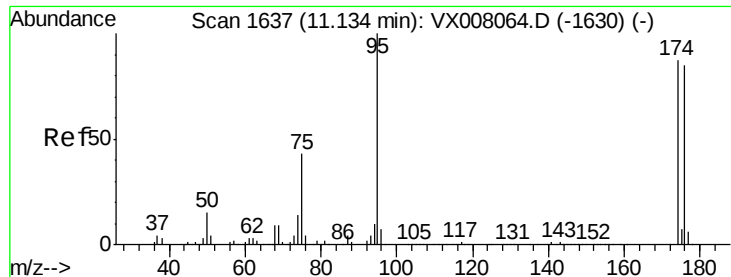
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 3/16/2019 10:33:33 AM



#50
 Toluene-d8
 Concen: 50.086 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX008128.D
 Acq: 16 Mar 2019 01:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 52.527 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008128.D

Acq: 16 Mar 2019 01:17

Instrument :

MSVOA_X

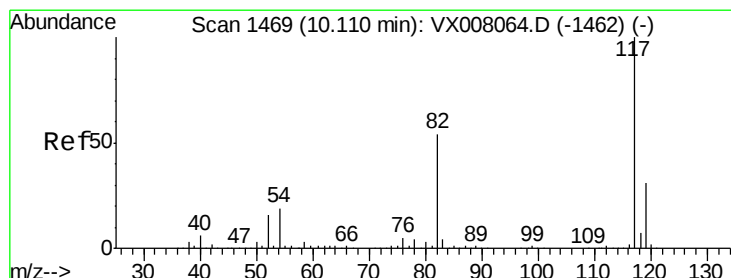
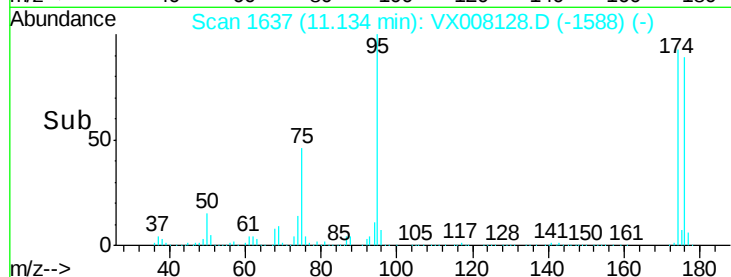
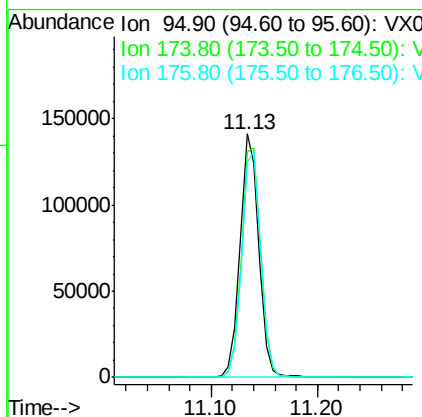
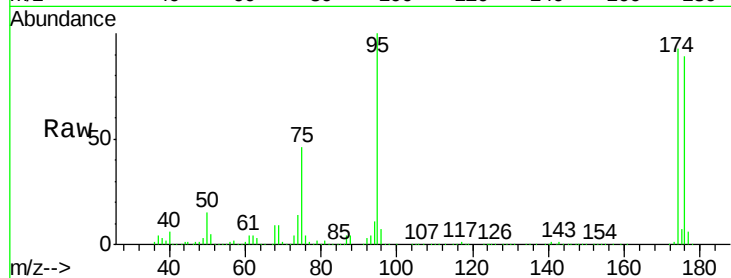
ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion:	95	Resp:	173804
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	182.8
176	94.9	0.0	178.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

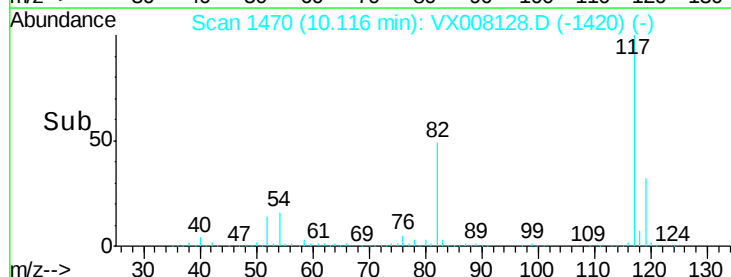
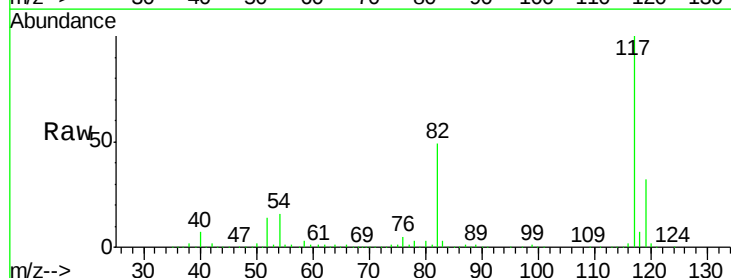
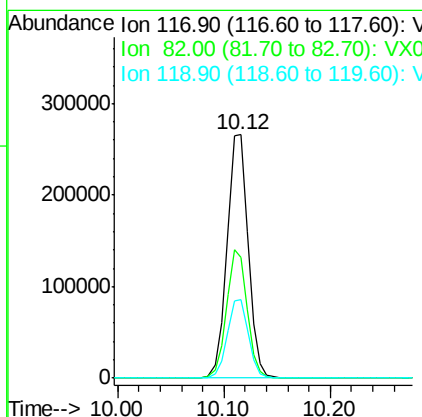
RT: 10.12 min Scan# 1470

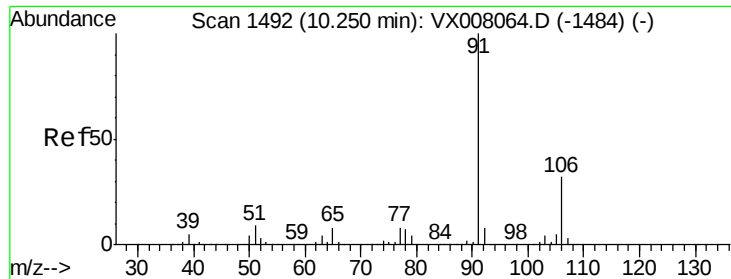
Delta R.T. 0.01 min

Lab File: VX008128.D

Acq: 16 Mar 2019 01:17

Tgt Ion:	117	Resp:	370994
Ion	Ratio	Lower	Upper
117	100		
82	49.4	44.3	66.5
119	32.3	25.3	37.9





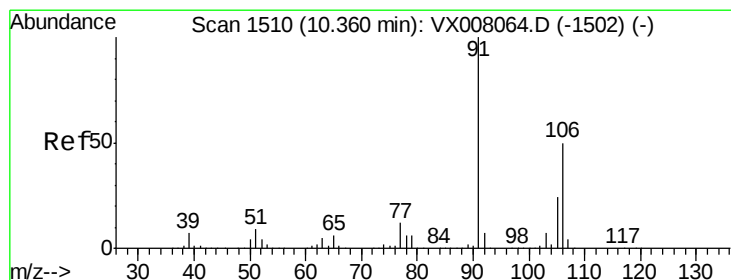
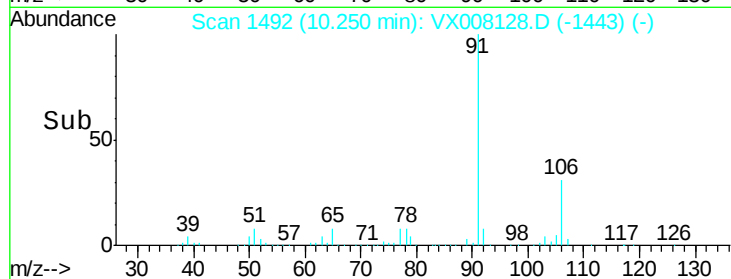
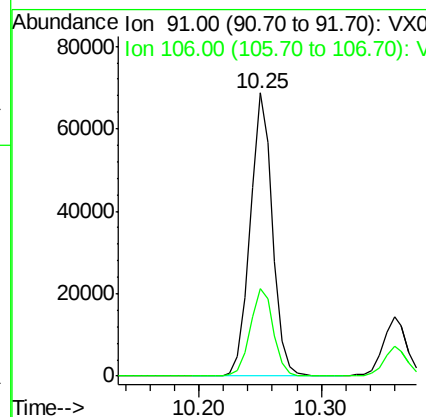
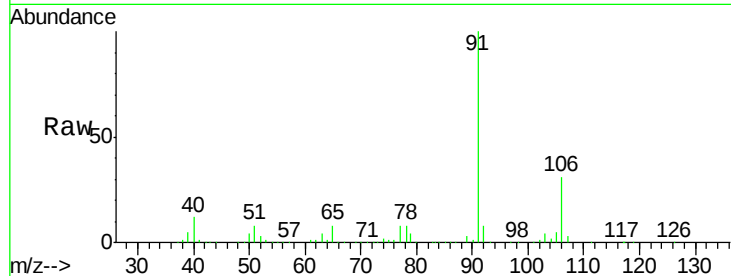
#67
Ethyl Benzene
Concen: 7.095 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008128.D
Acq: 16 Mar 2019 01:17

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion: 91 Resp: 86454
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

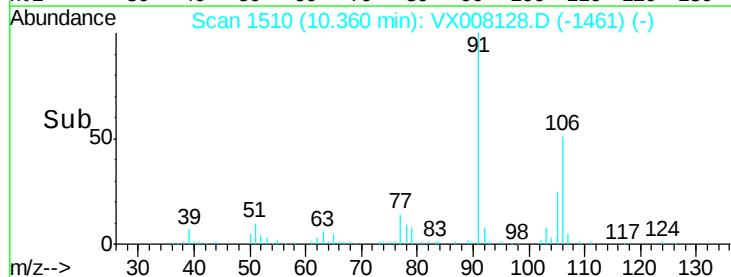
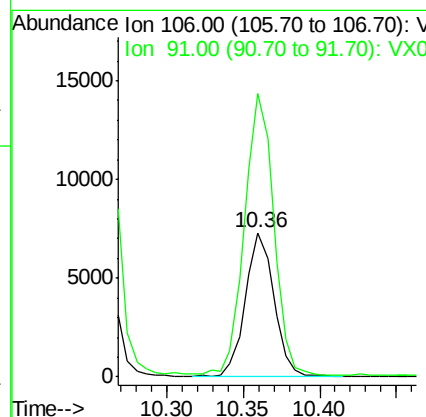
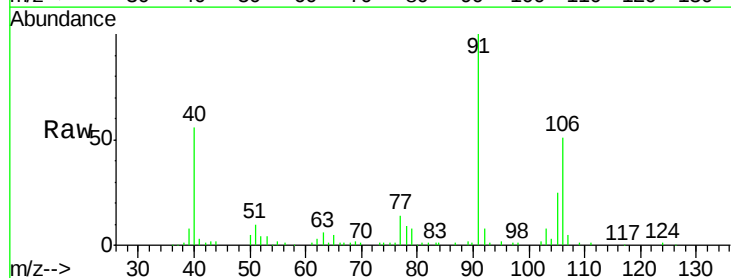
Manual Integrations
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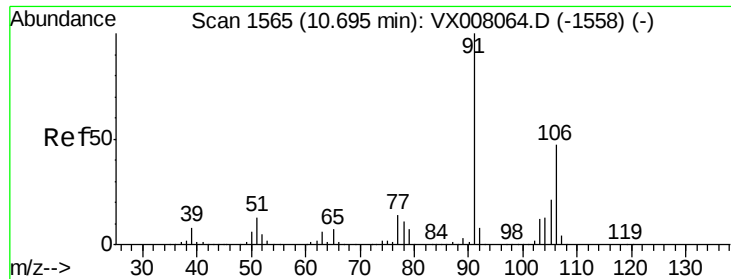
MMDadoda
3/16/2019 10:33:33 AM



#68
m/p-Xylenes
Concen: 2.047 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008128.D
Acq: 16 Mar 2019 01:17

Tgt Ion: 106 Resp: 9545
Ion Ratio Lower Upper
106 100
91 198.9 159.8 239.6





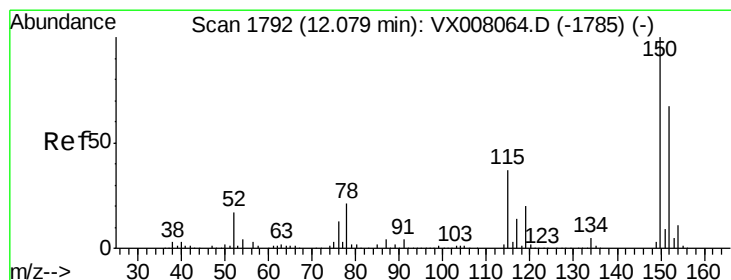
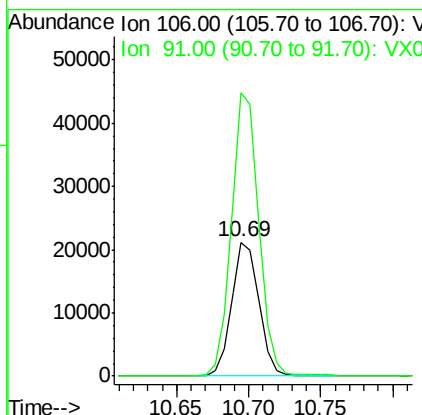
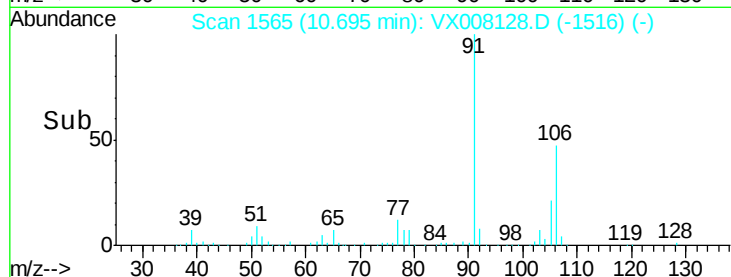
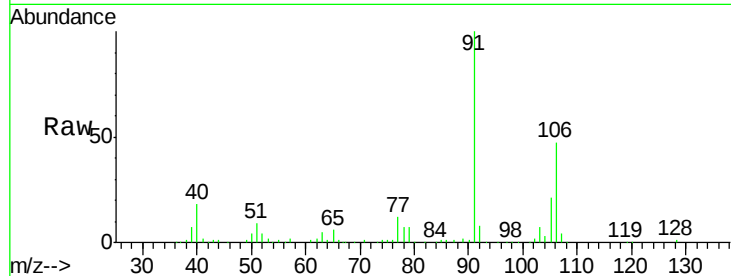
#69
o-Xylene
Concen: 6.228 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008128.D
Acq: 16 Mar 2019 01:17

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion:106 Resp: 28310
Ion Ratio Lower Upper
106 100
91 212.8 106.3 318.9

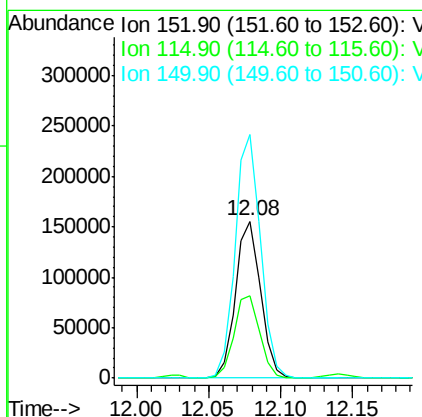
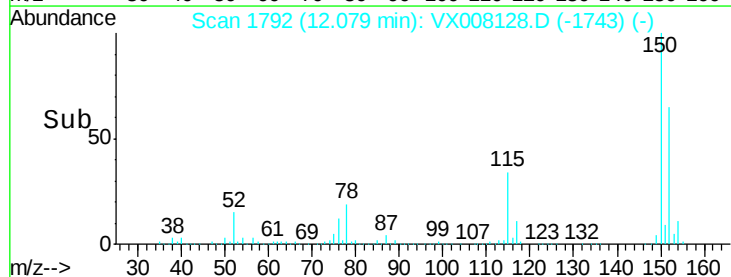
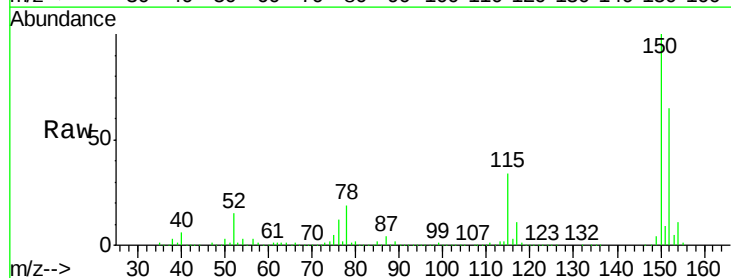
Manual Integrations
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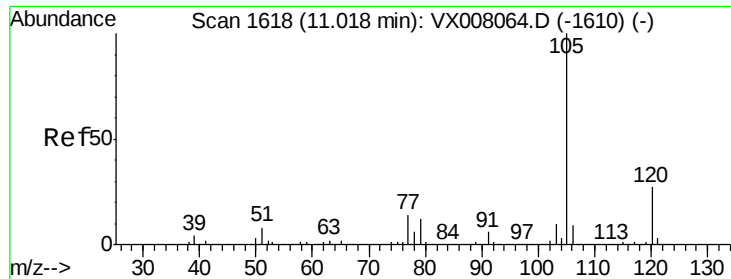
MMDadoda
3/16/2019 10:33:33 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008128.D
Acq: 16 Mar 2019 01:17

Tgt Ion:152 Resp: 189983
Ion Ratio Lower Upper
152 100
115 54.0 38.6 115.7
150 156.8 0.0 348.4





#73

Isopropylbenzene

Concen: 3.422 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008128.D

Acq: 16 Mar 2019 01:17

Instrument :

MSVOA_X

ClientSampleId :

RFK-RMAB-MW10-GW

Tot Ion: 105 Resp: 41636

Ion Ratio Lower Upper

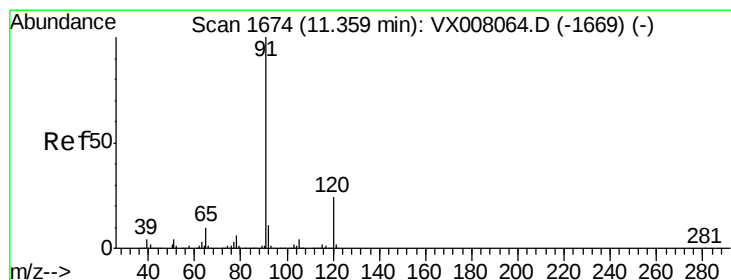
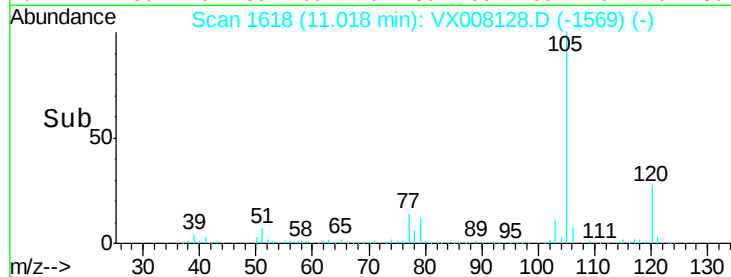
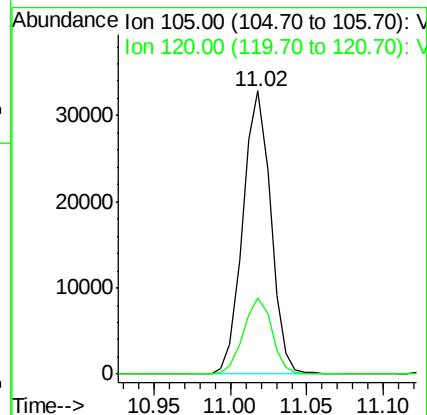
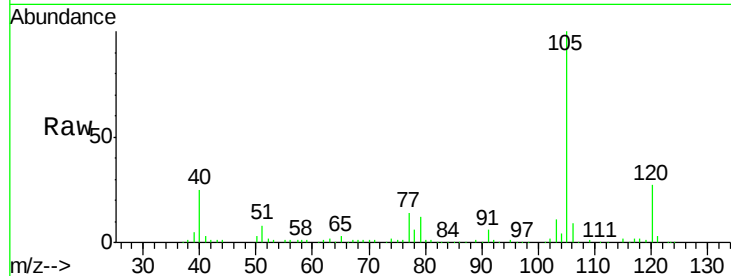
105 100

120 27.4 13.4 40.1

Manual Integrations
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#78

n-propylbenzene

Concen: 2.888 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008128.D

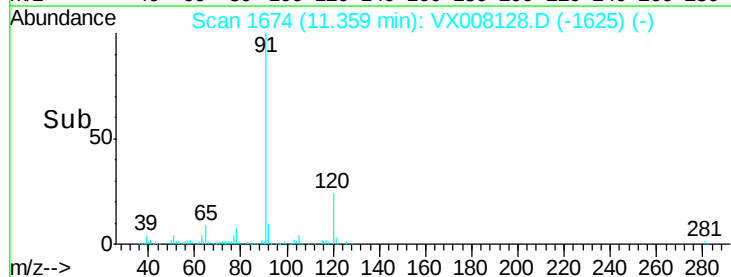
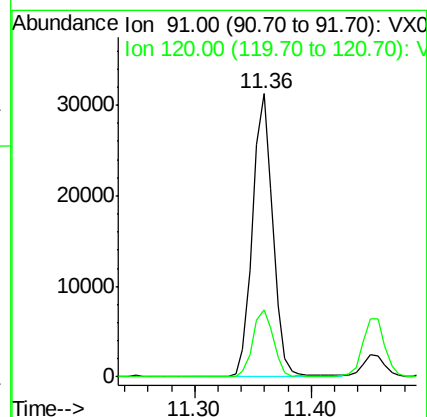
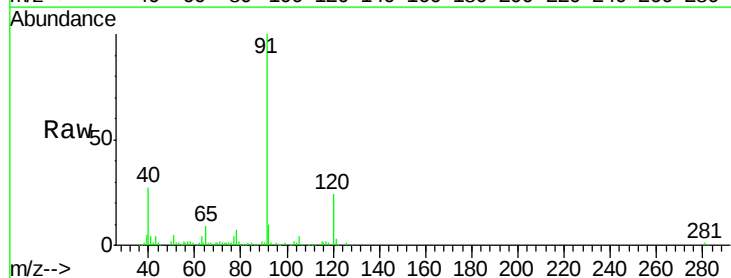
Acq: 16 Mar 2019 01:17

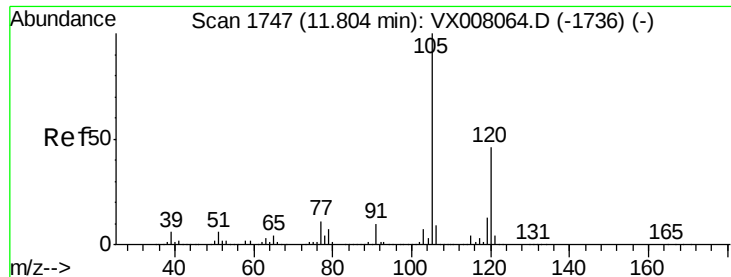
Tgt Ion: 91 Resp: 38555

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.0





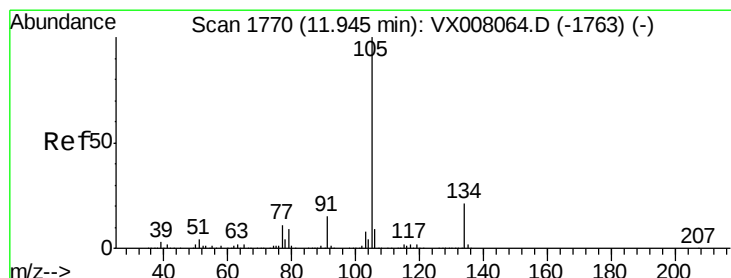
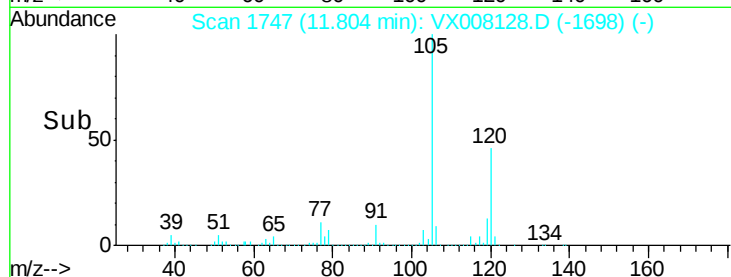
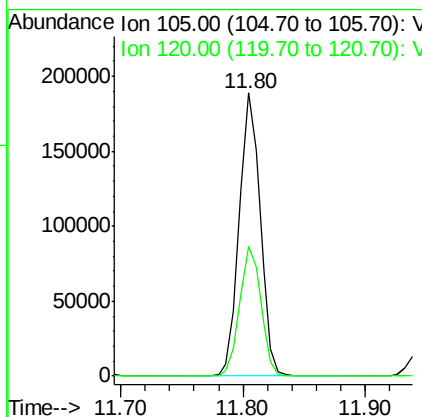
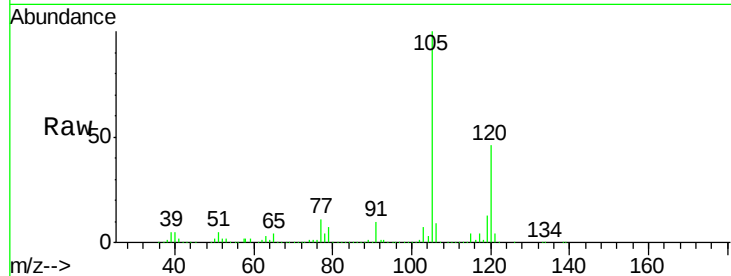
#84
 1,2,4-Trimethylbenzene
 Concen: 21.585 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008128.D
 Acq: 16 Mar 2019 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.6	67.7

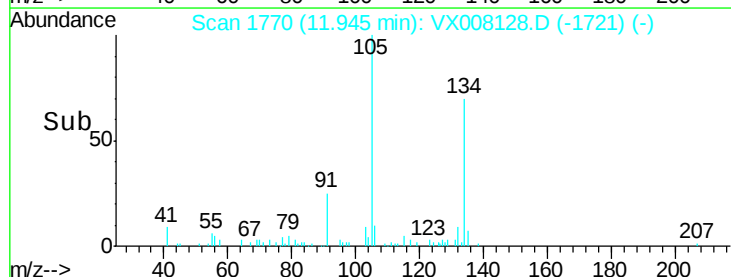
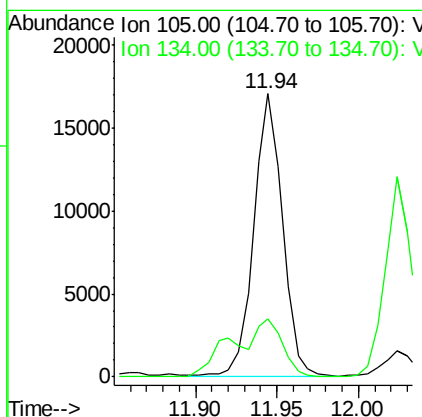
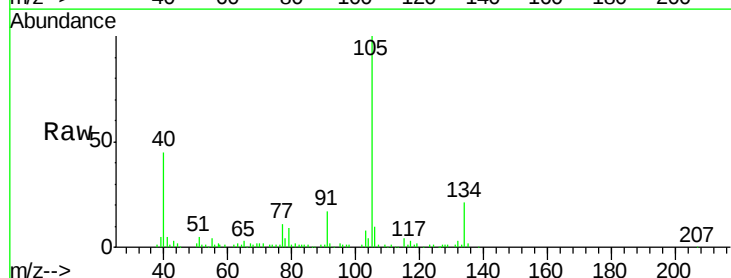
Manual Integrations
 APPROVED

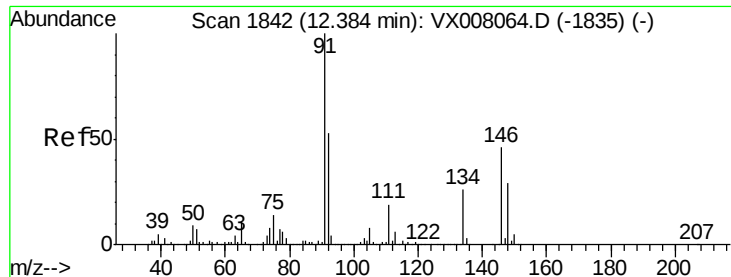
MMDadoda
 3/16/2019 10:33:33 AM



#85
 sec-Butylbenzene
 Concen: 1.733 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008128.D
 Acq: 16 Mar 2019 01:17

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.1	10.4	31.2





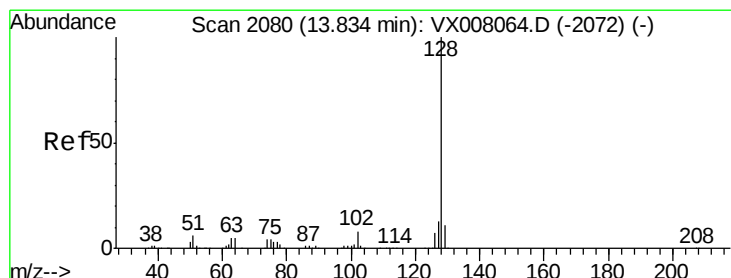
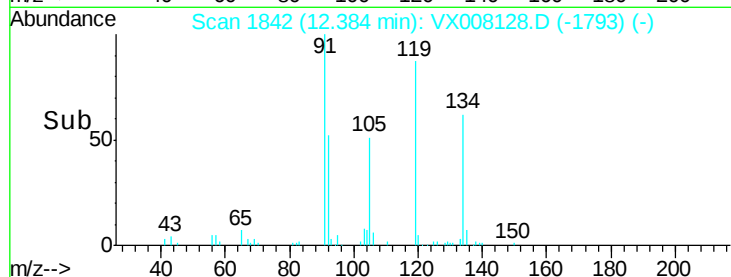
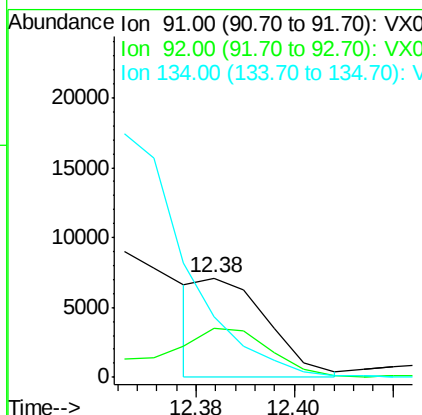
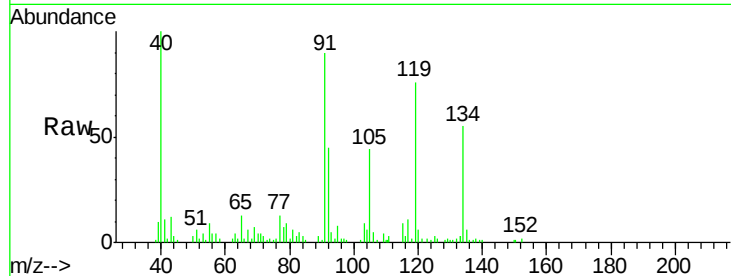
#89
n-Butylbenzene
Concen: 0.739 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008128.D
Acq: 16 Mar 2019 01:17

Instrument :
MSVOA_X
ClientSampleId :
RFK-RMAB-MW10-GW

Tot Ion	Ratio	Lower	Upper
91	100		
92	81.8	27.0	80.8#
134	368.1	13.7	41.0#

Manual Integrations
APPROVED

MMDadoda
3/16/2019 10:33:33 AM



#95
Naphthalene
Concen: 4.263 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008128.D
Acq: 16 Mar 2019 01:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.3	15.5#
129	16.4	8.7	13.1#

