

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052319\
 Data File : VX009858.D
 Acq On : 23 May 2019 15:07
 Operator : JC/SP
 Sample : K2977-11 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E1-6

Manual Integrations
 APPROVED

MMDadoda
 5/24/2019 9:02:01 AM

Quant Time: May 24 04:20:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117629	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	84364	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	352455	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.13	95	115025	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
16) Acetone	2.45	43	3263	2.605	ug/l	100
73) Isopropylbenzene	11.02	105	68631	9.618	ug/l	99
78) n-propylbenzene	11.36	91	14238	1.747	ug/l	100
83) tert-Butylbenzene	11.77	119	7283	1.246	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	439433	72.867	ug/l	99
85) sec-Butylbenzene	11.94	105	32712	4.721	ug/l #	78
86) p-Isopropyltoluene	12.06	119	10415	1.672	ug/l	94
89) n-Butylbenzene	12.38	91	5758m	1.023	ug/l	
95) Naphthalene	13.83	128	3988	0.557	ug/l #	96

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

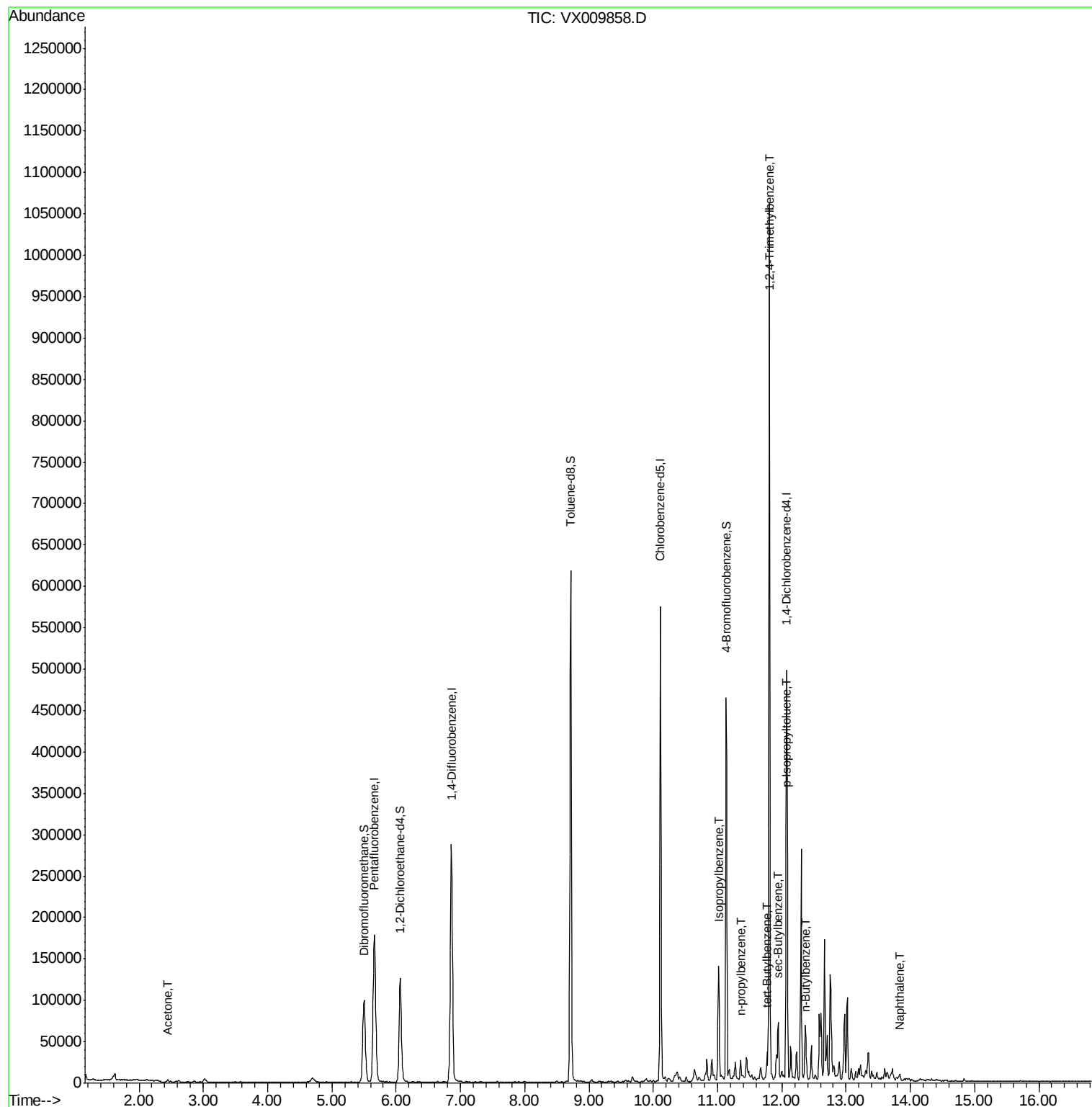
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052319\
Data File : VX009858.D
Acq On : 23 May 2019 15:07
Operator : JC/SP
Sample : K2977-11 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

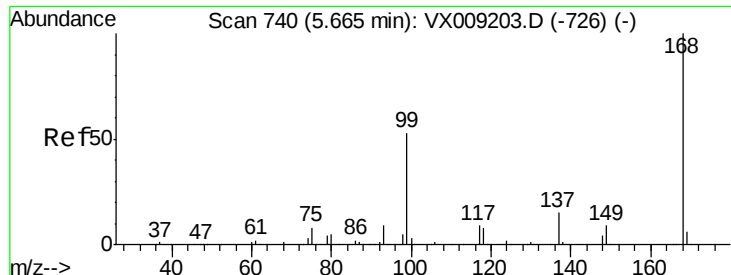
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E1-6

Manual Integrations
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5/24/2019 9:02:01 AM

Quant Time: May 24 04:20:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E1-6

Tot Ion:168 Resp: 170898

Ion Ratio Lower Upper

168 100

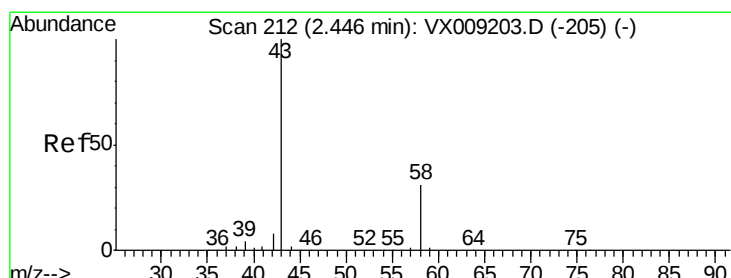
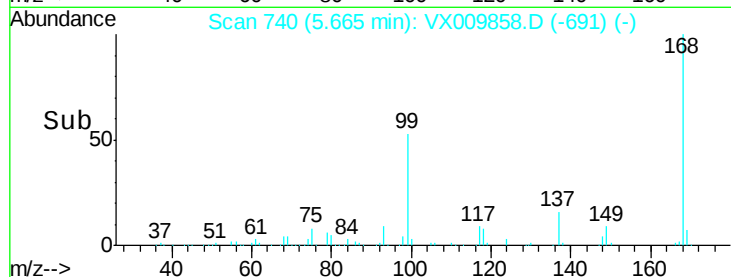
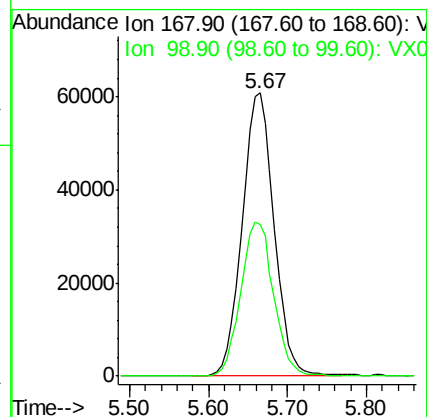
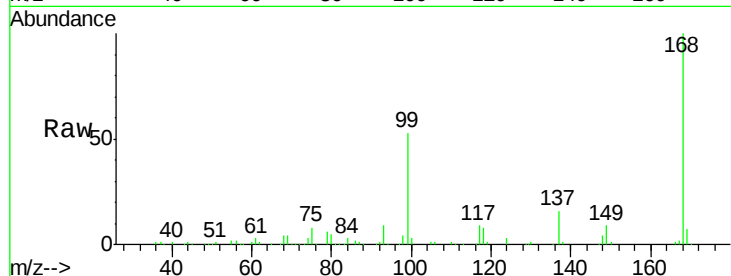
99 53.4 42.3 63.5

Manual Integrations

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#16

Acetone

Concen: 2.605 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009858.D

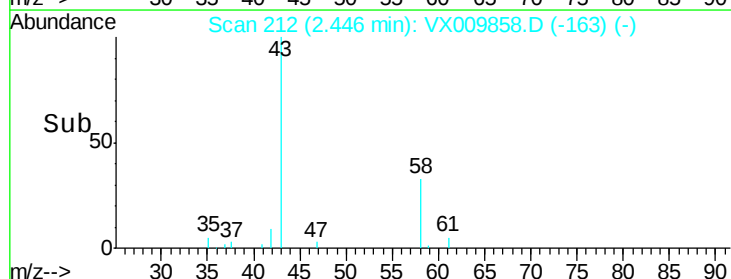
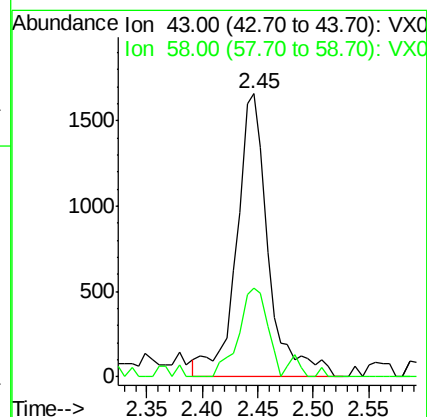
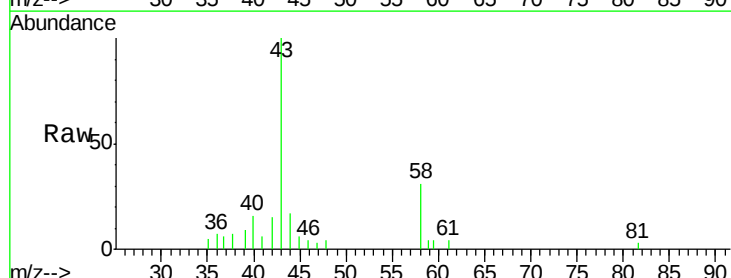
Acq: 23 May 2019 15:07

Tgt Ion: 43 Resp: 3263

Ion Ratio Lower Upper

43 100

58 31.2 24.9 37.3





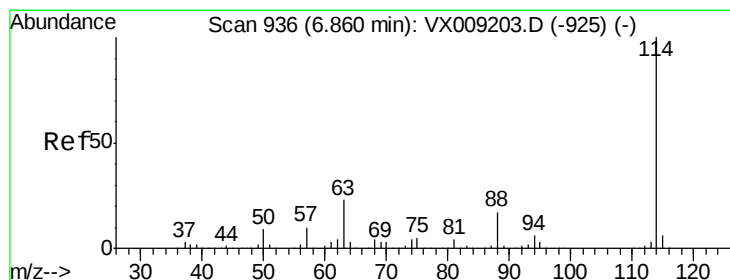
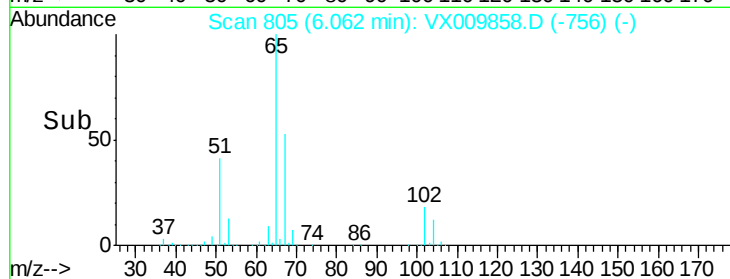
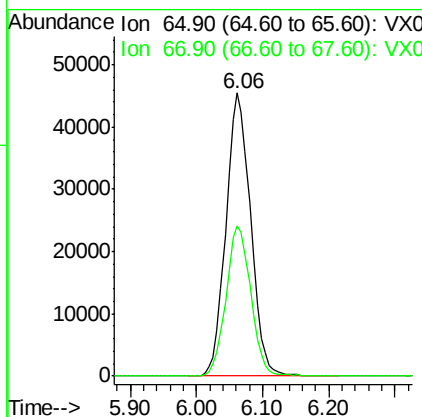
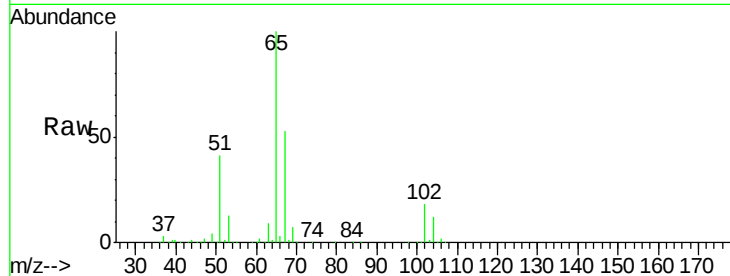
#33
 1,2-Dichloroethane-d4
 Concen: 50.420 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009858.D
 Acq: 23 May 2019 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E1-6

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.2	0.0	106.6	

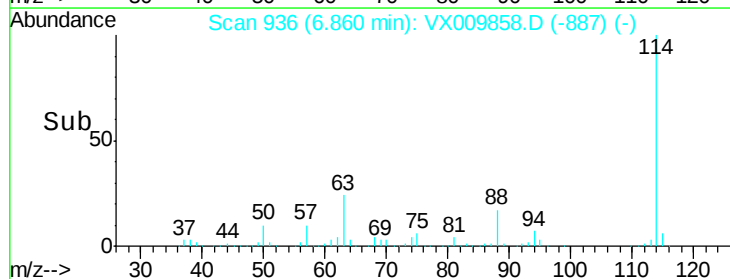
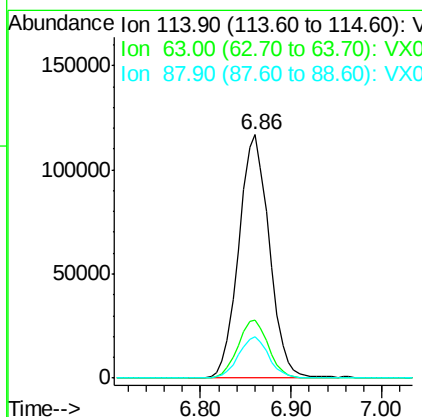
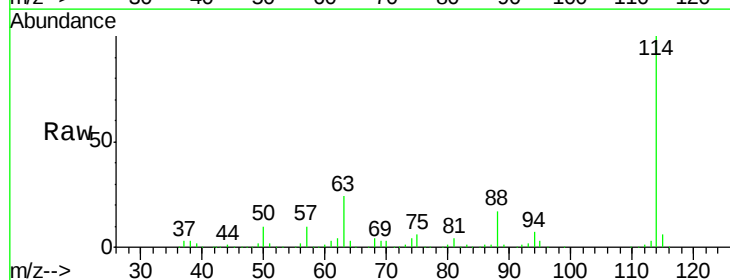
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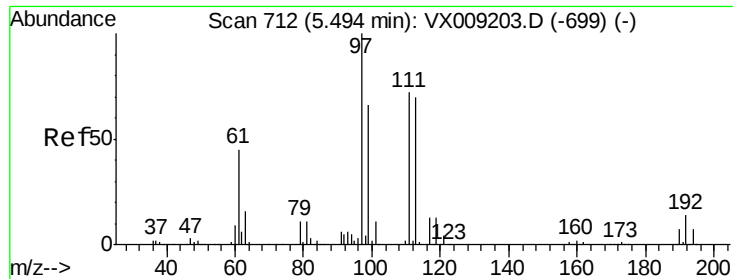
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009858.D
 Acq: 23 May 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.0	0.0	45.6	
88	16.9	0.0	33.2	





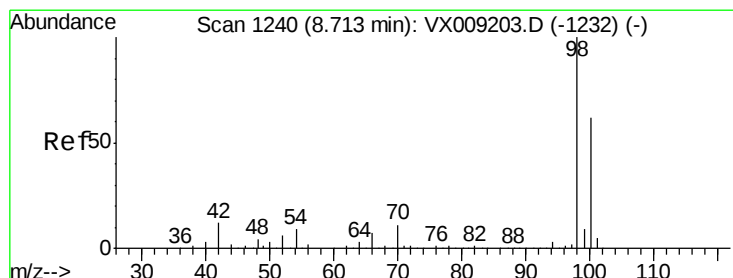
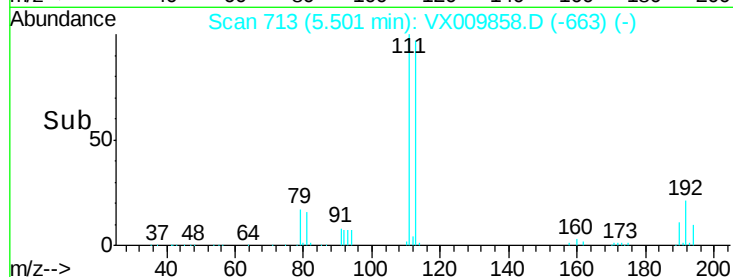
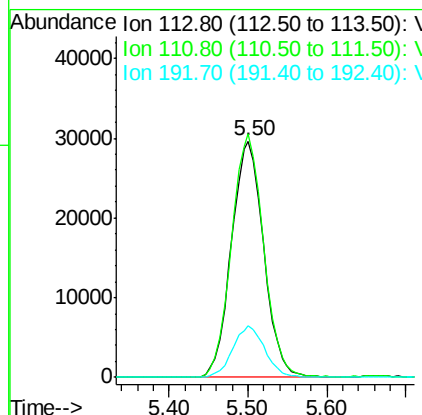
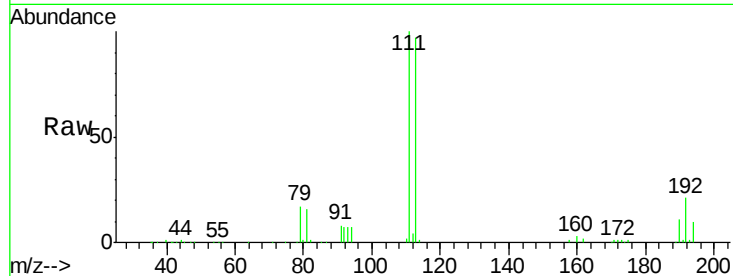
#35
 Dibromofluoromethane
 Concen: 49.159 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009858.D
 Acq: 23 May 2019 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E1-6

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	21.6	17.0	25.6

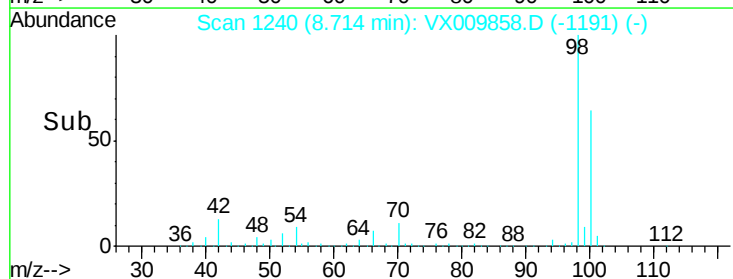
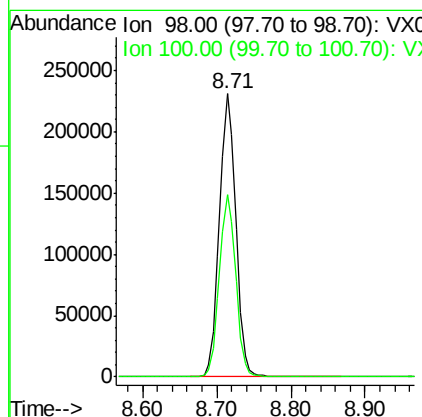
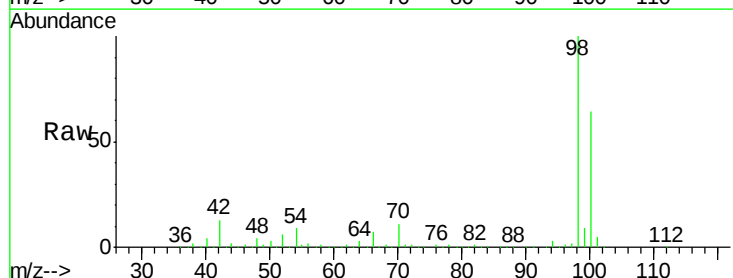
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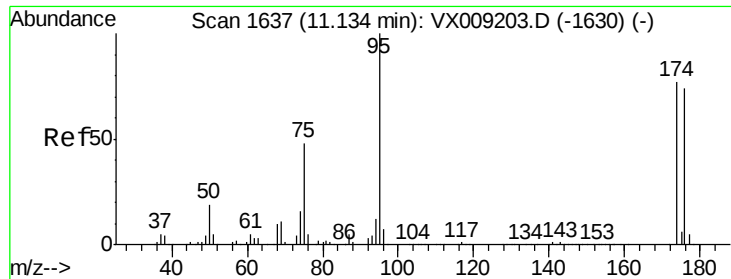
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#50
 Toluene-d8
 Concen: 50.870 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009858.D
 Acq: 23 May 2019 15:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





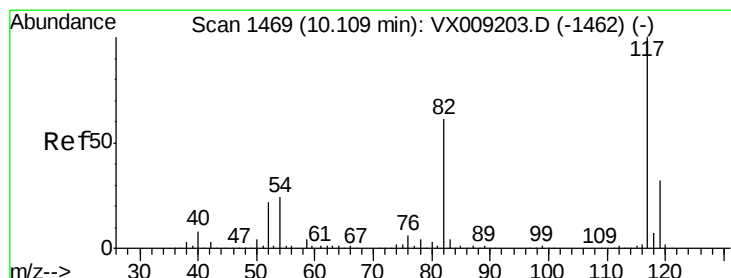
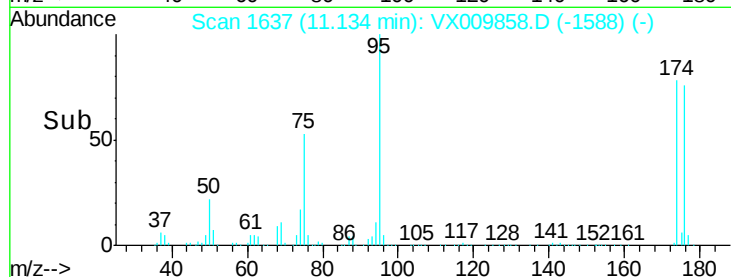
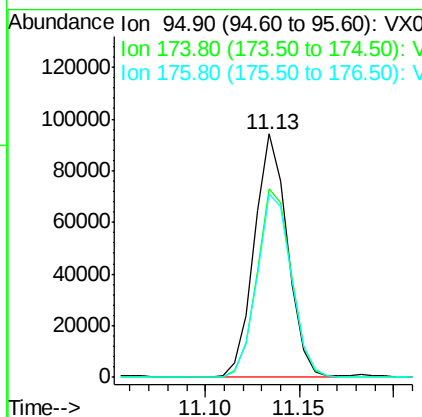
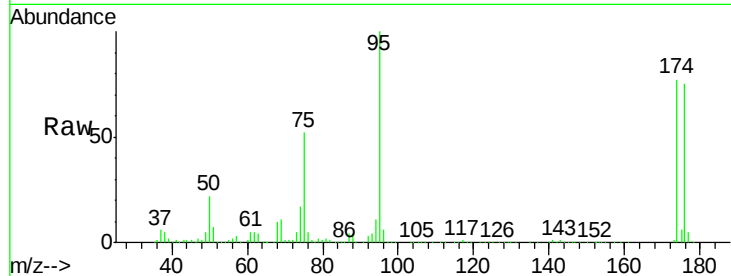
#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009858.D
Acq: 23 May 2019 15:07

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E1-6

Tot Ion	Ratio	Resp	Lower	Upper
95	100	115025		
174	80.2	0.0	161.6	
176	78.7	0.0	159.2	

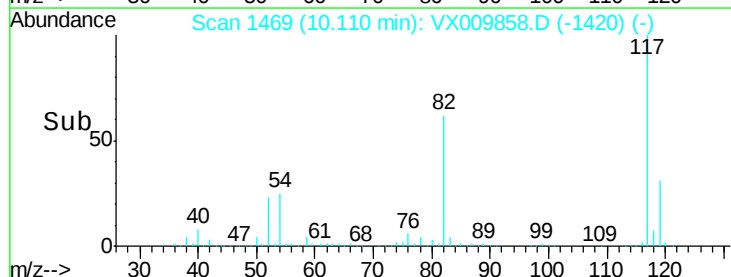
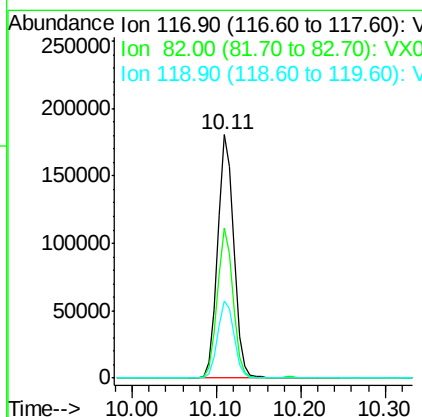
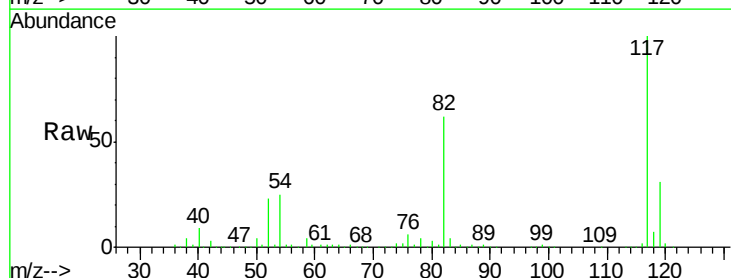
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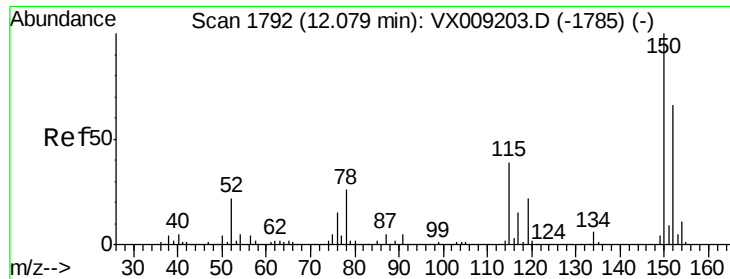
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009858.D
Acq: 23 May 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	241398		
82	61.8	48.8	73.2	
119	31.5	25.8	38.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E1-6

Tot Ion:152 Resp: 98125

Ion Ratio Lower Upper

152 100

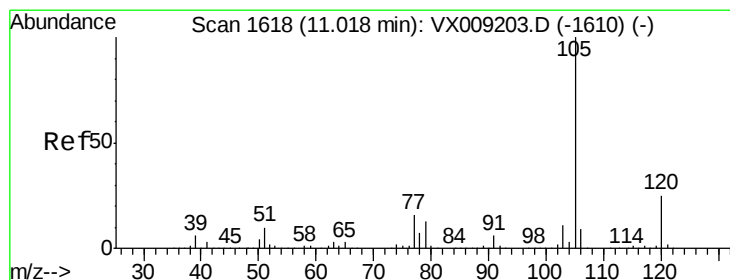
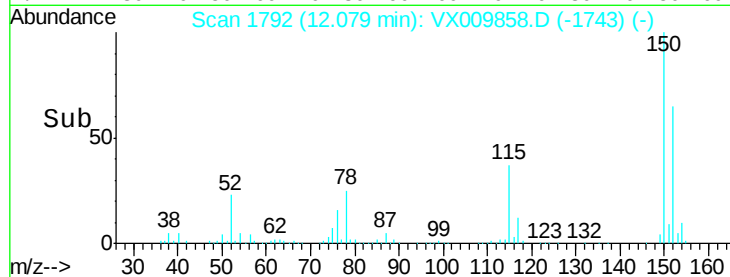
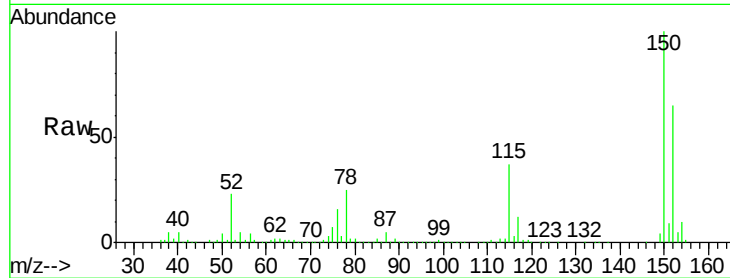
115 61.1 41.2 123.6

150 157.4 0.0 346.4

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#73

Isopropylbenzene

Concen: 9.618 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009858.D

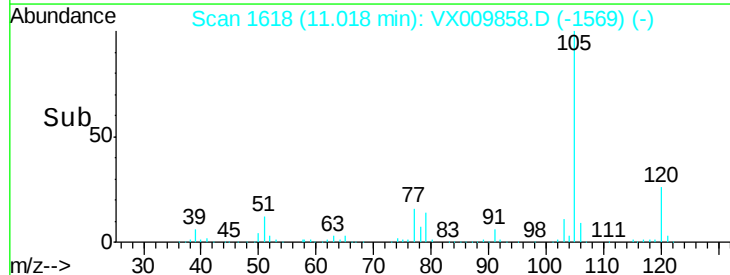
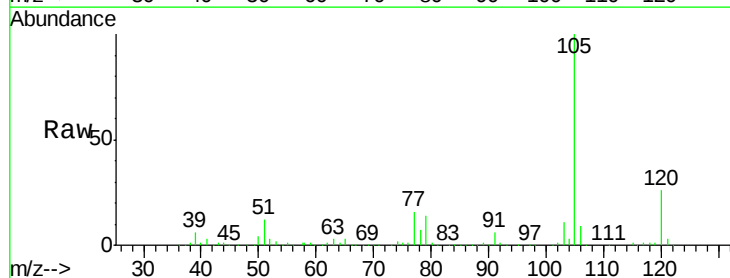
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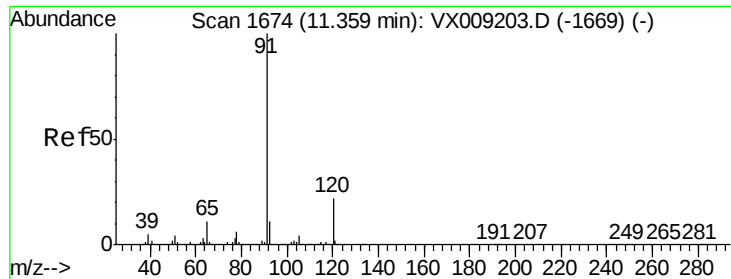
Tgt Ion:105 Resp: 68631

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3





#78

n-propylbenzene

Concen: 1.747 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E1-6

Tot Ion: 91 Resp: 14238

Ion Ratio Lower Upper

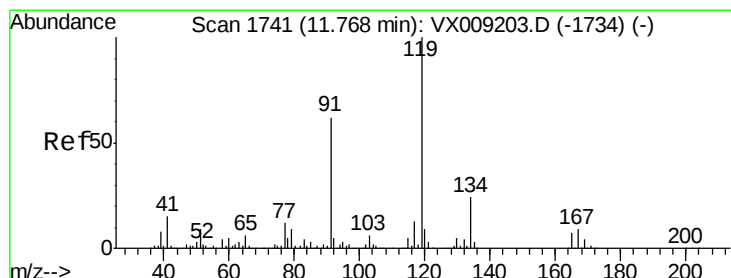
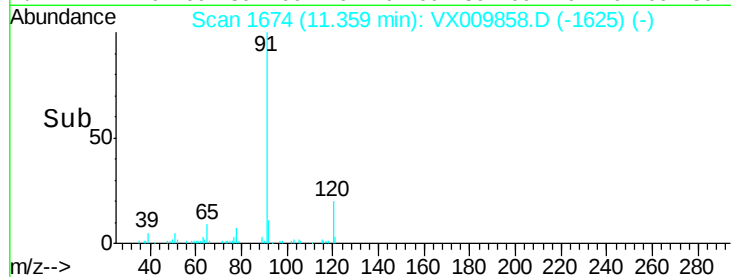
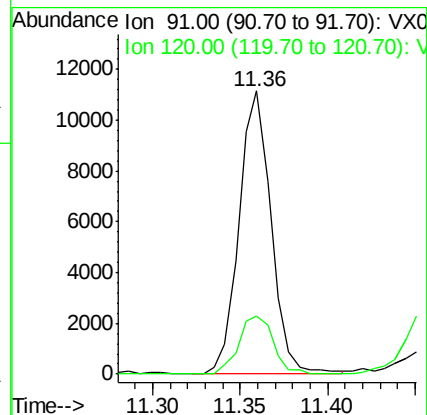
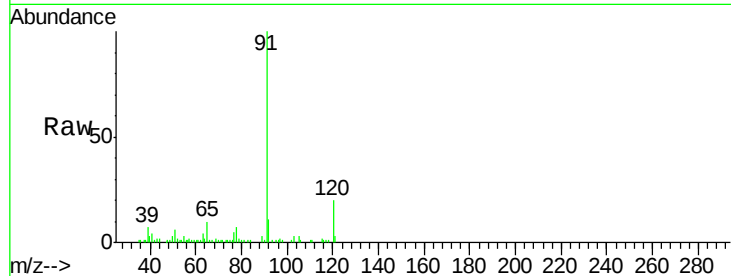
91 100

120 22.2 11.0 33.0

Manual Integrations
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#83

tert-Butylbenzene

Concen: 1.246 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

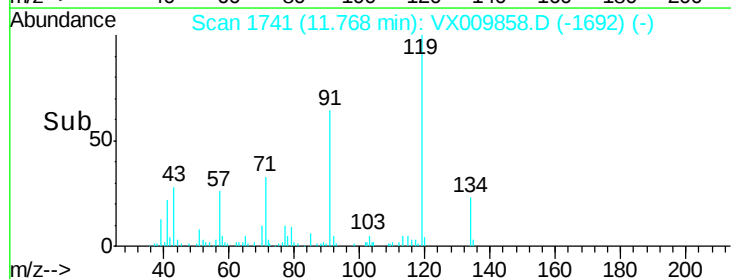
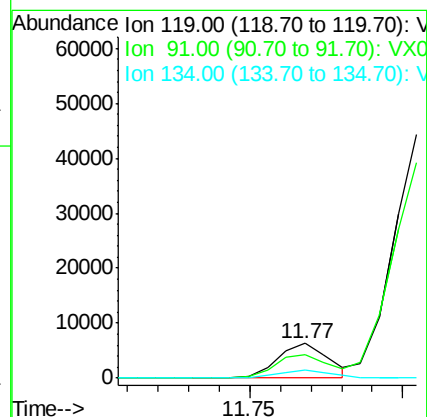
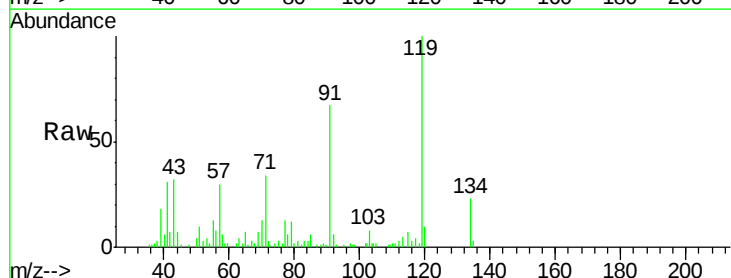
Tgt Ion: 119 Resp: 7283

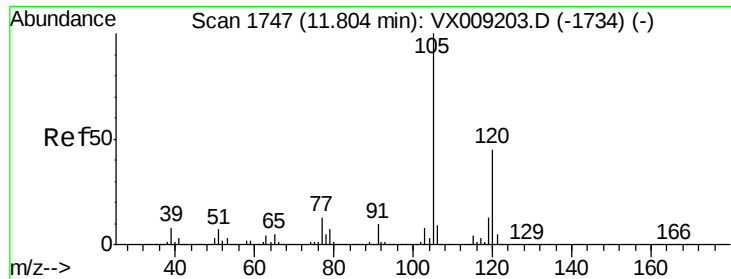
Ion Ratio Lower Upper

119 100

91 74.6 29.5 88.5

134 25.4 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 72.867 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009858.D

Acq: 23 May 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E1-6

Tot Ion:105 Resp: 439433

Ion Ratio Lower Upper

105 100

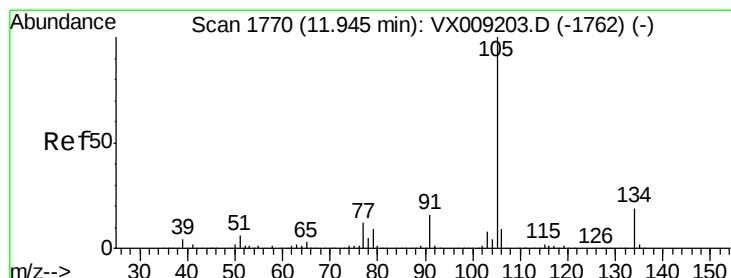
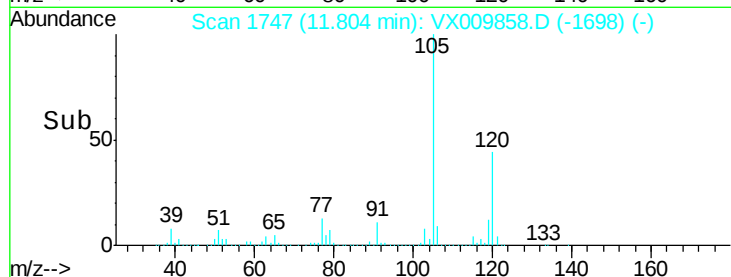
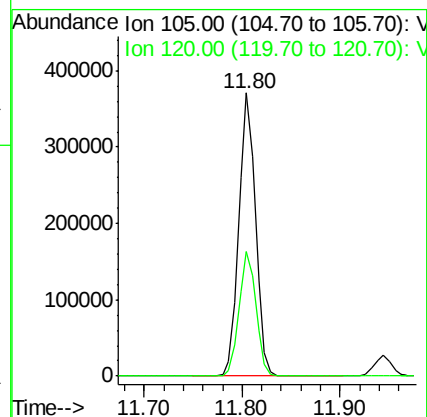
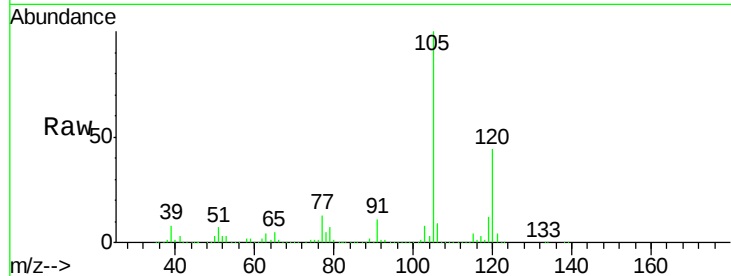
120 44.5 22.0 66.0

Manual Integrations

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#85

sec-Butylbenzene

Concen: 4.721 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009858.D

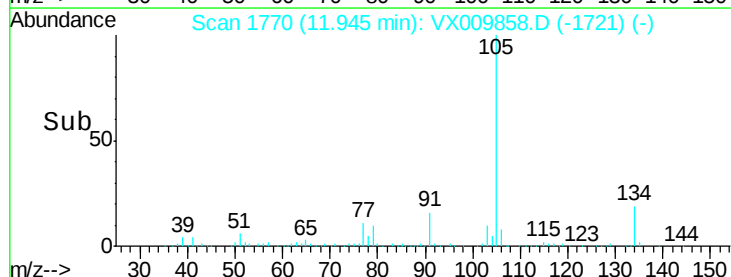
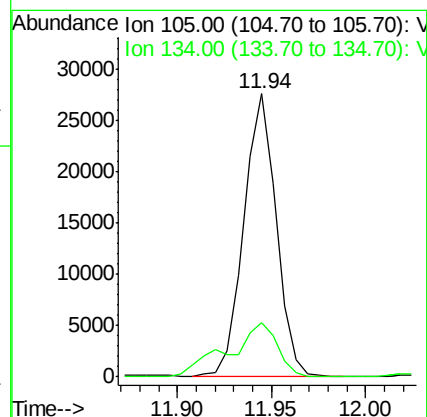
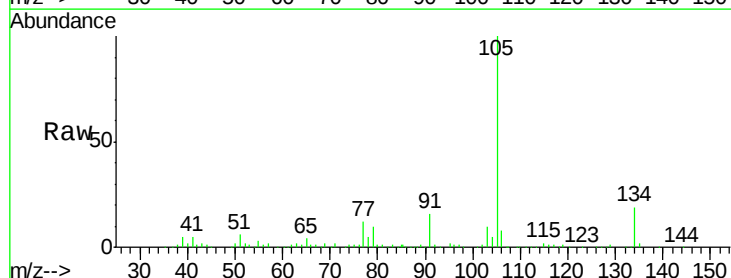
Acq: 23 May 2019 15:07

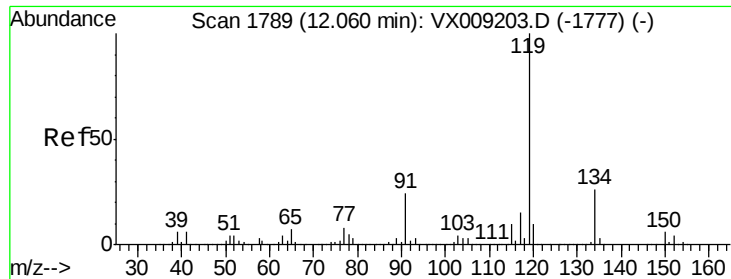
Tgt Ion:105 Resp: 32712

Ion Ratio Lower Upper

105 100

134 29.3 9.7 28.9#





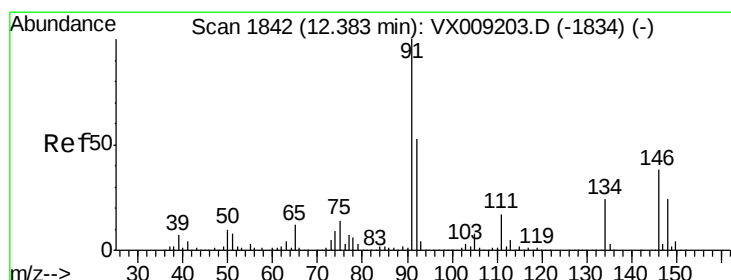
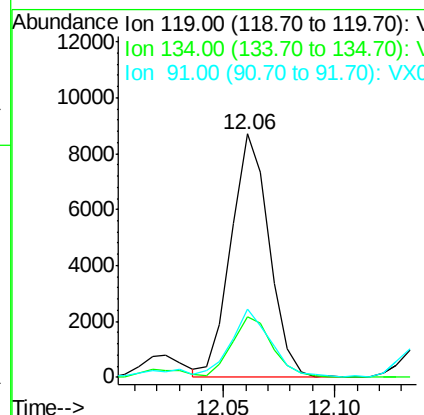
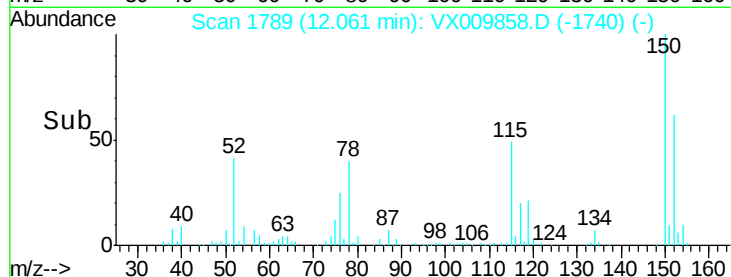
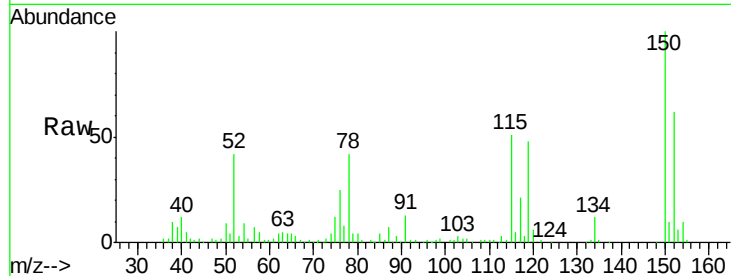
#86
 p-Isopropyltoluene
 Concen: 1.672 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009858.D
 Acq: 23 May 2019 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E1-6

Tot Ion	Ratio	Resp	Lower	Upper
119	100	10415		
134	26.3	12.9	38.7	
91	29.2	11.8	35.4	

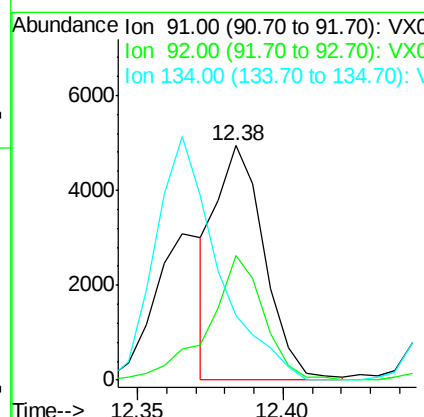
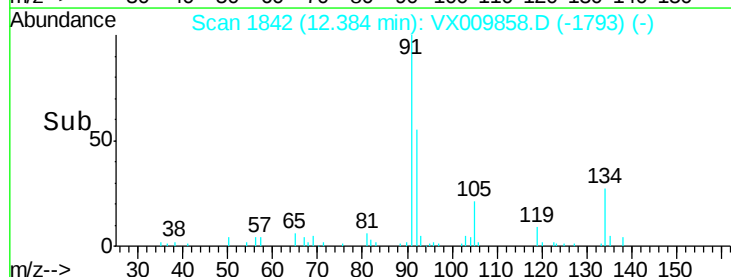
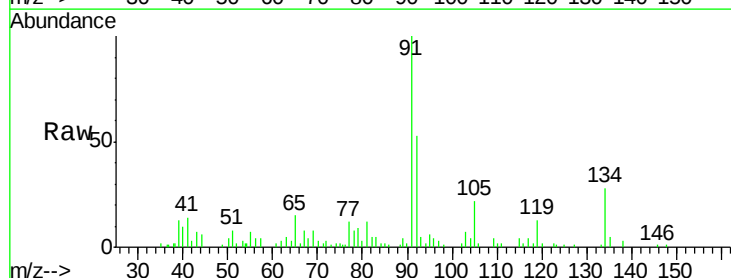
Manual Integrations
 APPROVED

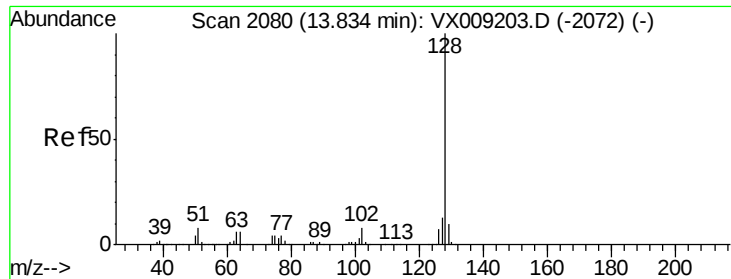
MMDadoda
 5/24/2019 9:02:01 AM



#89
 n-Butylbenzene
 Concen: 1.023 ug/l m
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX009858.D
 Acq: 23 May 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	5758		
92	61.2	26.5	79.5	
134	132.5	12.4	37.2#	





#95
Naphthalene
Concen: 0.557 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009858.D
Acq: 23 May 2019 15:07

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E1-6

Tot Ion:	128	Resp:	3988
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	13.8	8.6	13.0#

Manual Integrations
APPROVED

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5/24/2019 9:02:01 AM

