

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009811.D
 Acq On : 22 May 2019 17:54
 Operator : JC/SP
 Sample : K2977-11 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 5/23/2019 10:44:59 AM

Quant Time: May 23 08:12:34 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	176495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119093	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	5.50	113	86443	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	356100	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	122629	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
Target Compounds						
73) Isopropylbenzene	11.02	105	31512	3.888	ug/l	99
78) n-propylbenzene	11.36	91	6744	0.729	ug/l	98
83) tert-Butylbenzene	11.77	119	3742	0.564	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	202158	29.512	ug/l	99
85) sec-Butylbenzene	11.94	105	15761	2.002	ug/l	97
86) p-Isopropyltoluene	12.06	119	4716	0.667	ug/l	83
89) n-Butylbenzene	12.38	91	2685m	0.420	ug/l	

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

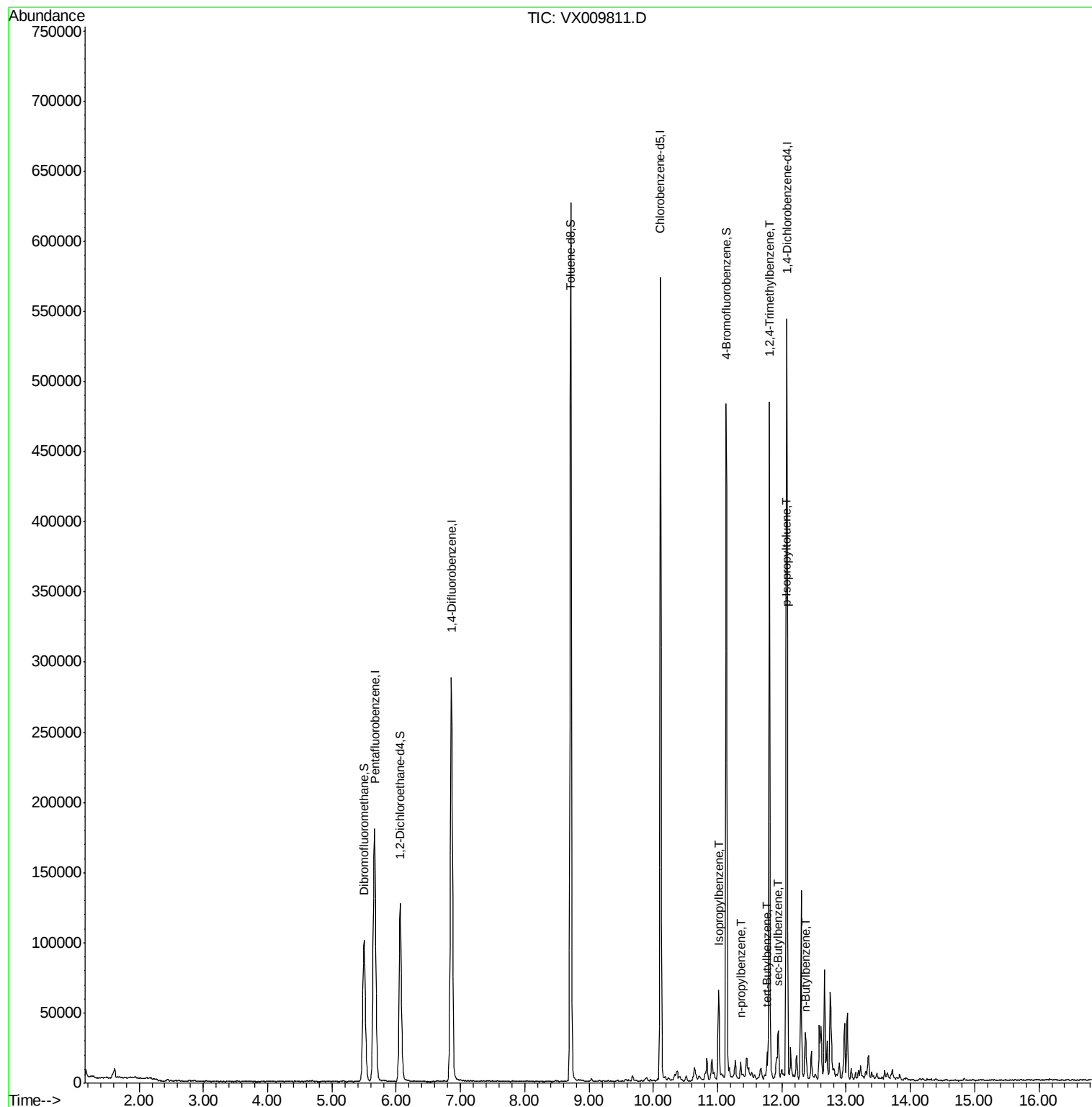
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009811.D
Acq On : 22 May 2019 17:54
Operator : JC/SP
Sample : K2977-11 40X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

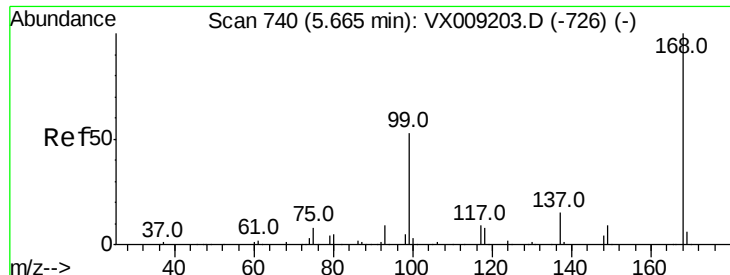
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E1-6

Manual Integrations
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Quant Time: May 23 08:12:34 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: VX009811.D

Acq: 22 May 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E1-6

Tot Ion:168 Resp: 176495

Ion Ratio Lower Upper

168 100

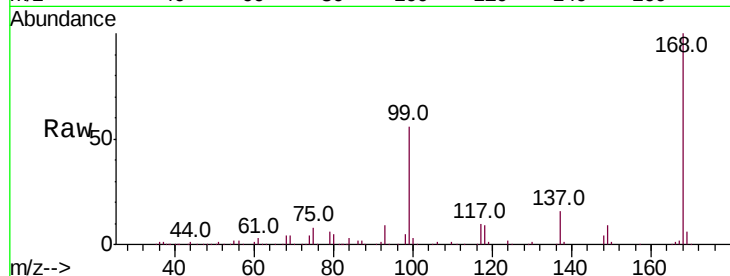
99 56.0 42.3 63.5

Manual Integrations

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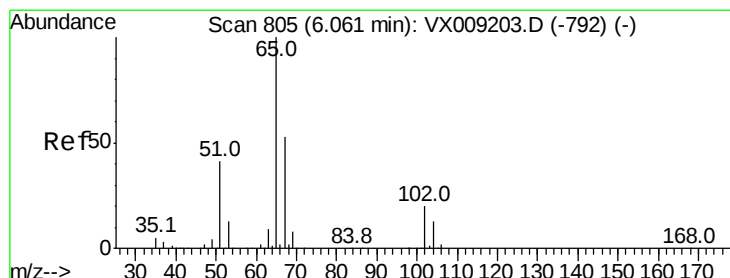
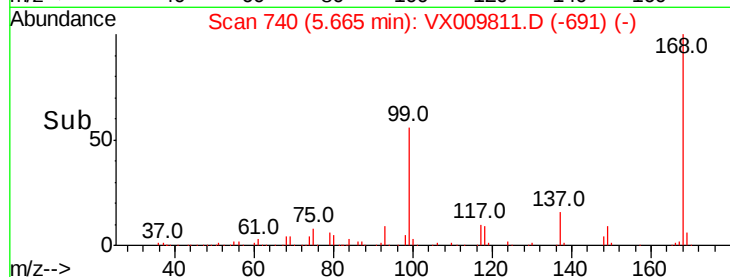
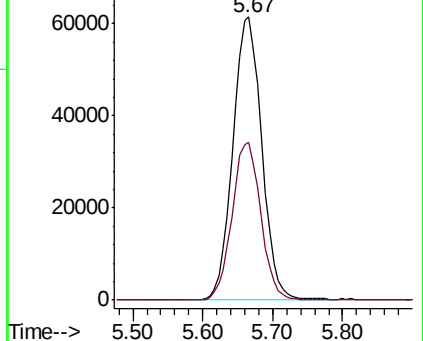
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.429 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009811.D

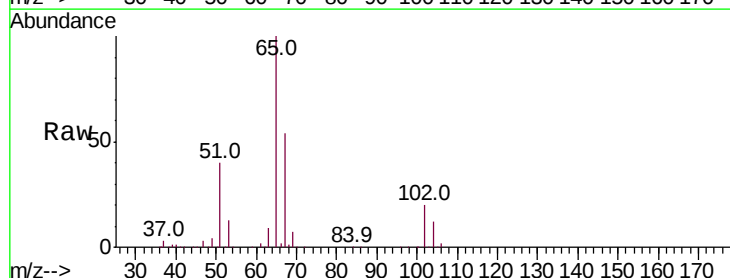
Acq: 22 May 2019 17:54

Tgt Ion: 65 Resp: 119093

Ion Ratio Lower Upper

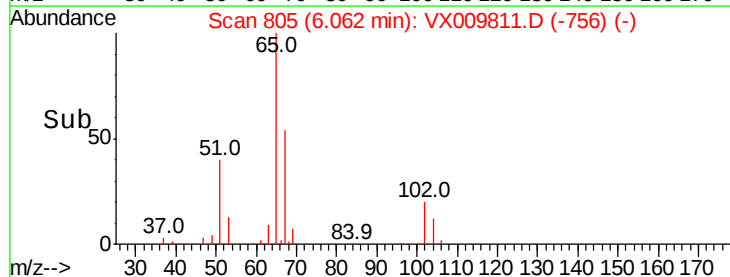
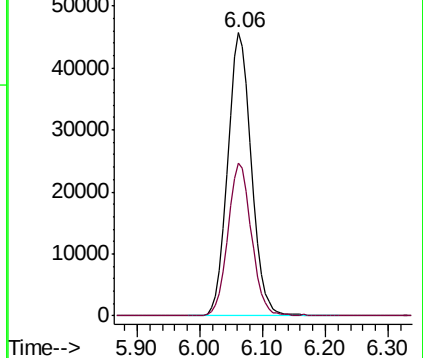
65 100

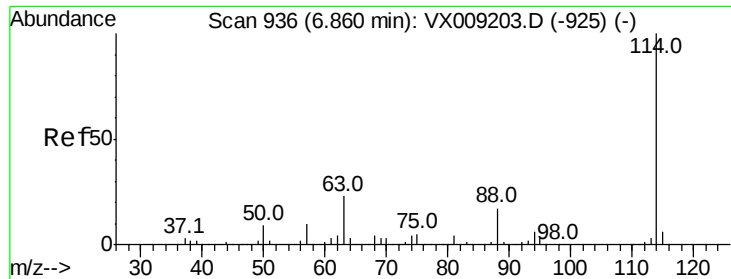
67 53.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





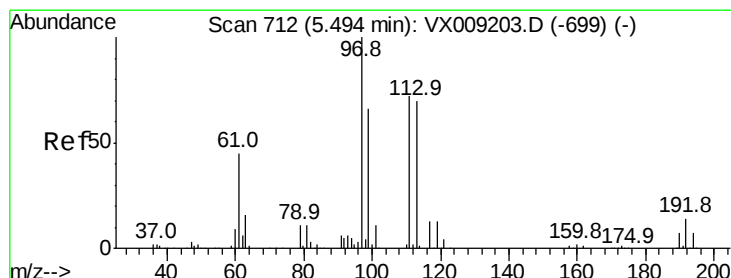
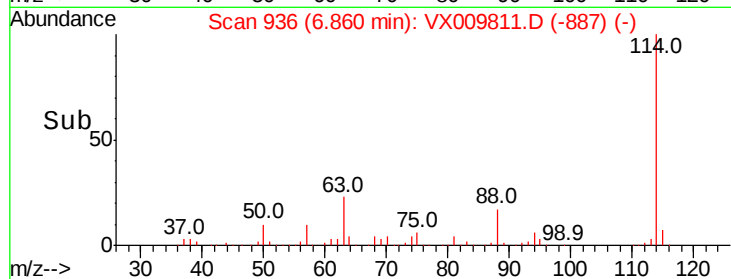
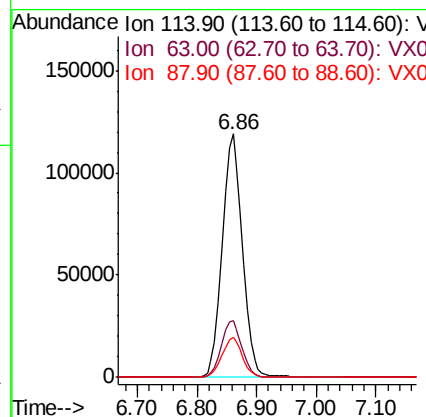
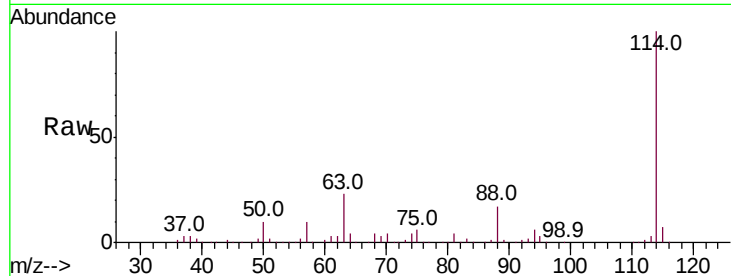
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009811.D
 Acq: 22 May 2019 17:54

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

Tot Ion	Ratio	Resp	Lower	Upper
114	100	280603		
63	23.2	0.0	45.6	
88	16.7	0.0	33.2	

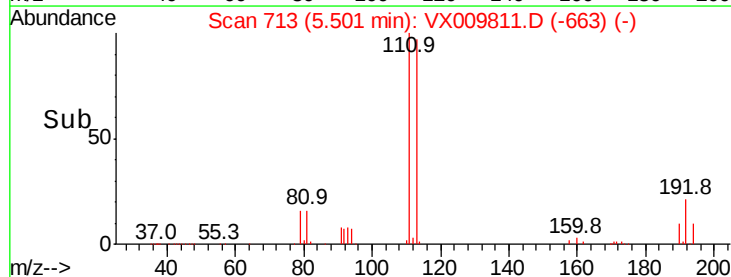
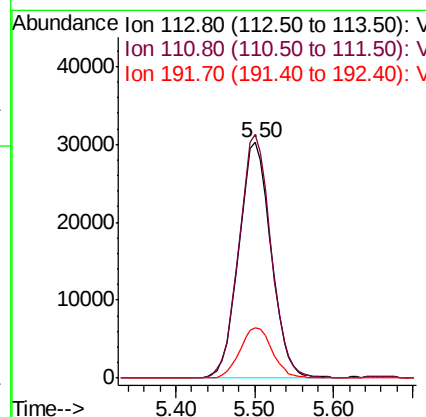
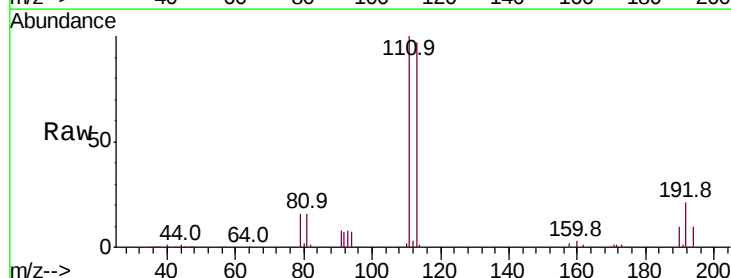
Manual Integrations
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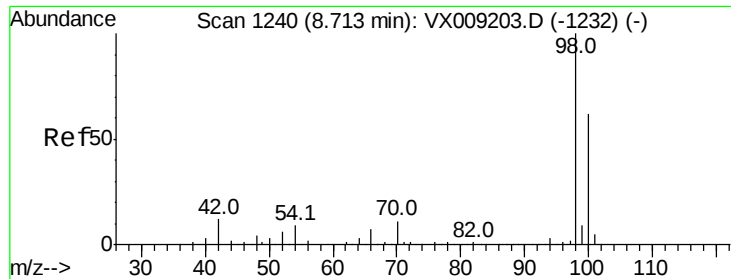
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#35
 Dibromofluoromethane
 Concen: 49.004 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009811.D
 Acq: 22 May 2019 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	86443		
111	102.5	82.8	124.2	
192	21.5	17.0	25.6	





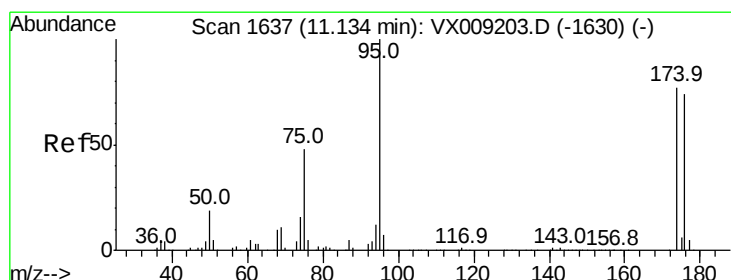
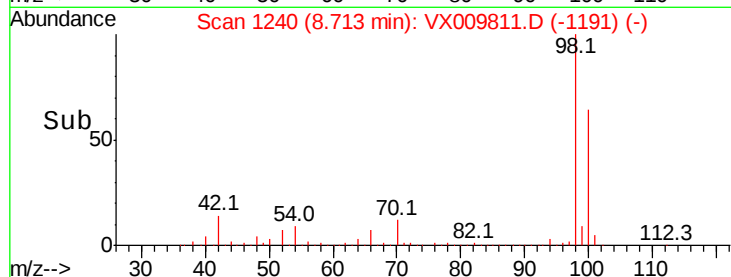
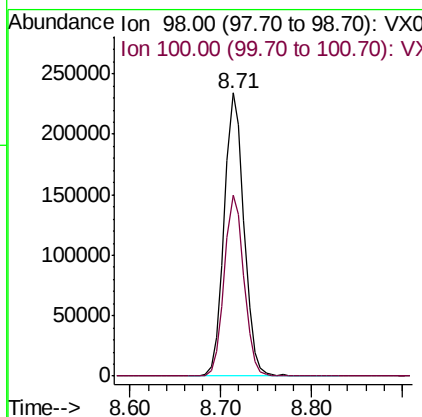
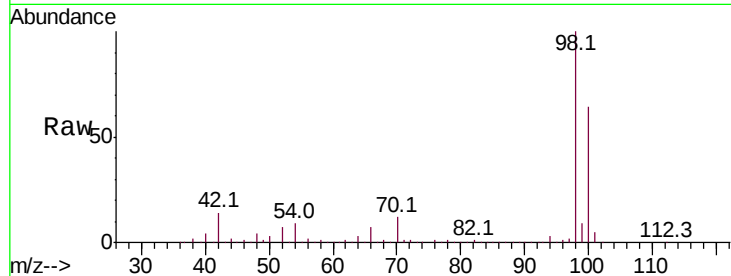
#50
Toluene-d8
Concen: 50.003 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009811.D
Acq: 22 May 2019 17:54

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

Tot Ion: 98 Resp: 356100
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8

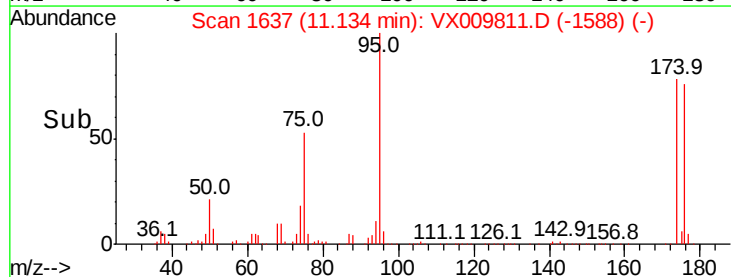
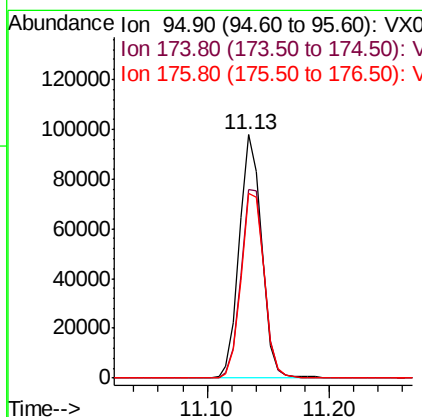
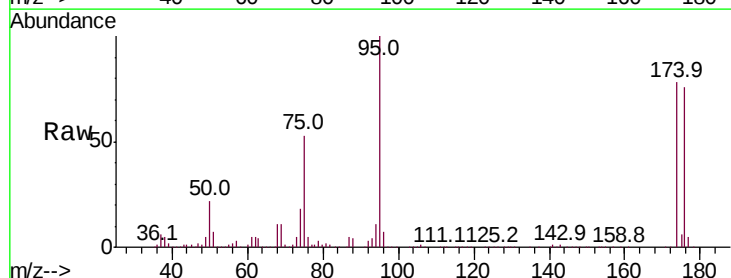
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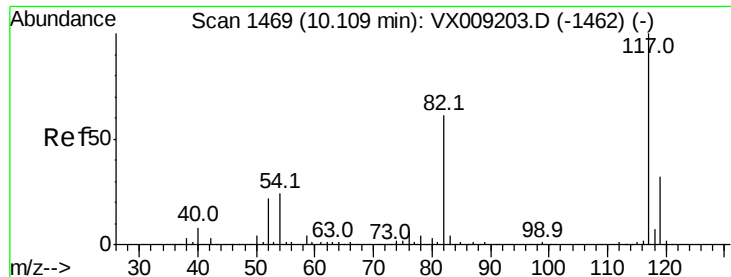
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#62
4-Bromofluorobenzene
Concen: 47.389 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009811.D
Acq: 22 May 2019 17:54

Tgt Ion: 95 Resp: 122629
Ion Ratio Lower Upper
95 100
174 81.1 0.0 161.6
176 78.4 0.0 159.2





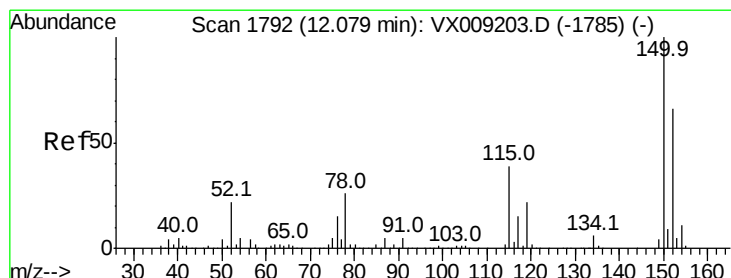
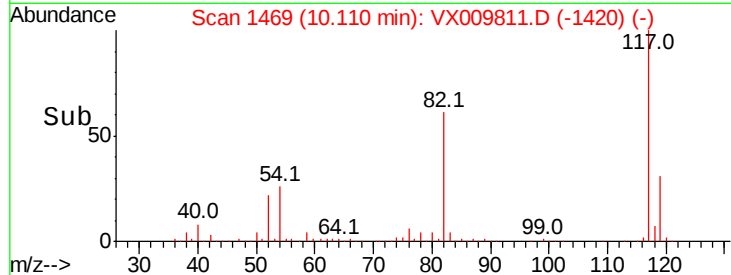
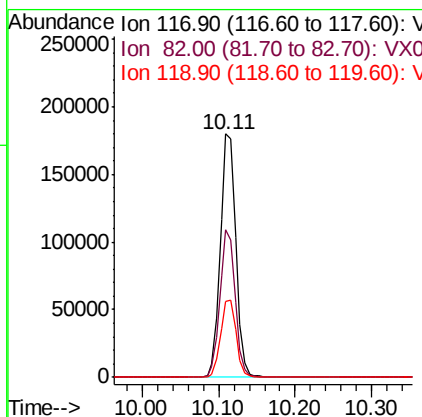
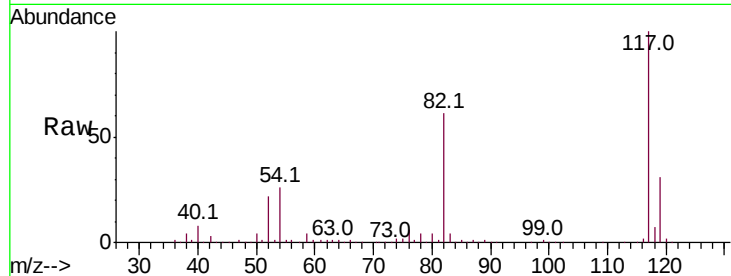
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009811.D
 Acq: 22 May 2019 17:54

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

Tot Ion:	117	Resp:	252654
Ion Ratio	Lower	Upper	
117	100		
82	60.7	48.8	73.2
119	31.3	25.8	38.6

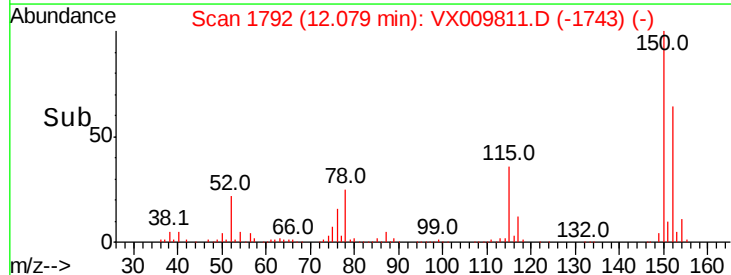
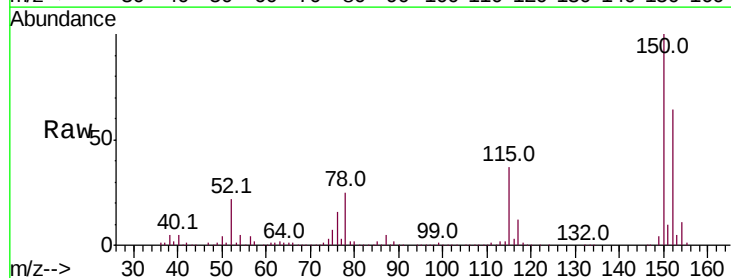
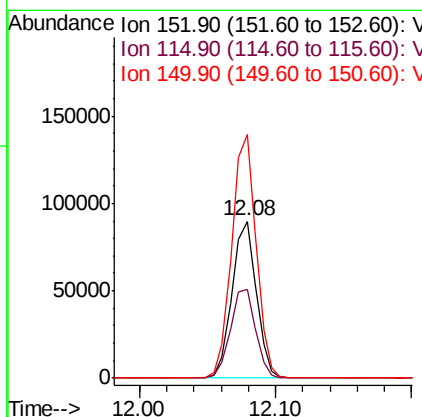
Manual Integrations
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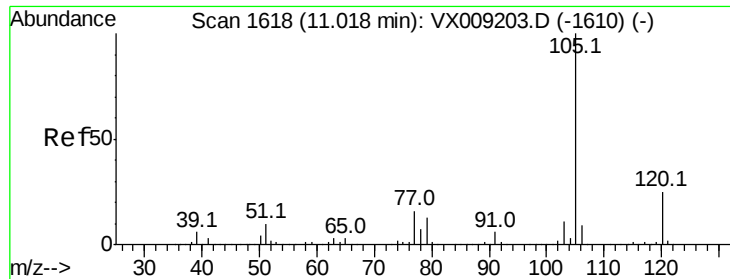
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#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009811.D
 Acq: 22 May 2019 17:54

Tgt Ion:	152	Resp:	111456
Ion Ratio	Lower	Upper	
152	100		
115	59.1	41.2	123.6
150	156.2	0.0	346.4





#73

Isopropylbenzene

Concen: 3.888 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009811.D

Acq: 22 May 2019 17:54

Instrument :

MSVOA_X

ClientSampled :

EP1-PZ-E1-6

Tot Ion: 105 Resp: 31512

Ion Ratio Lower Upper

105 100

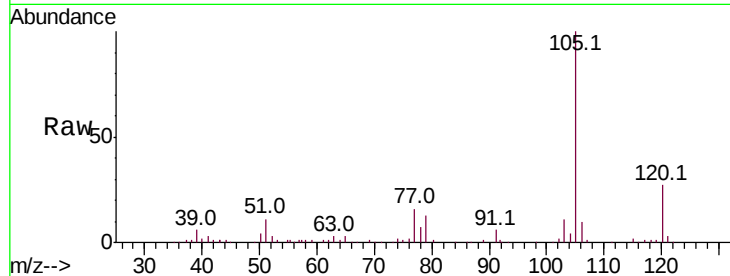
120 25.8 12.8 38.3

Manual Integrations

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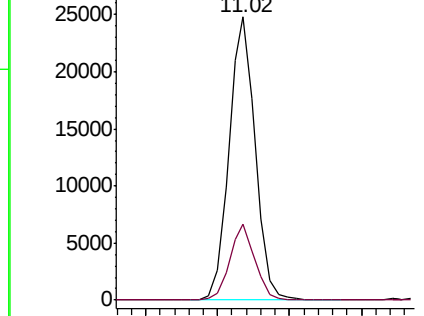
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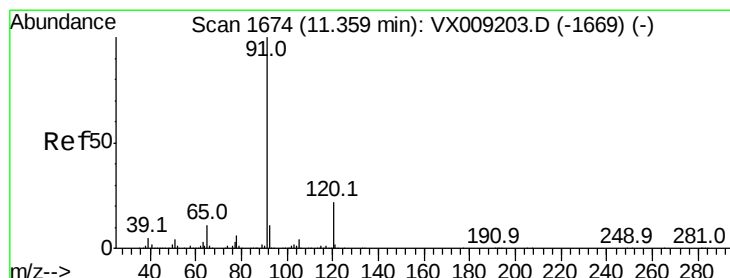
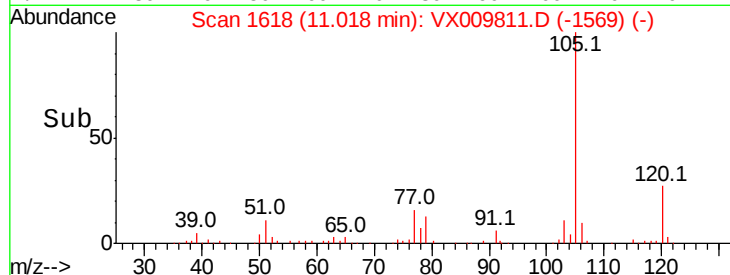


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#78

n-propylbenzene

Concen: 0.729 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009811.D

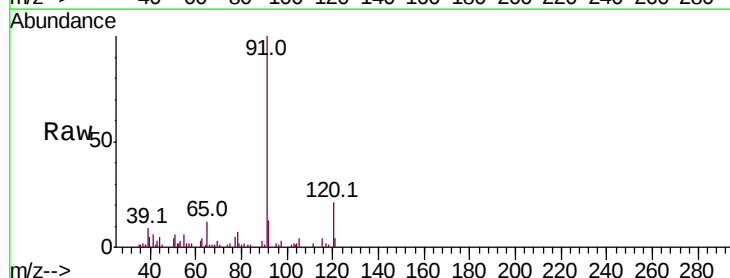
Acq: 22 May 2019 17:54

Tgt Ion: 91 Resp: 6744

Ion Ratio Lower Upper

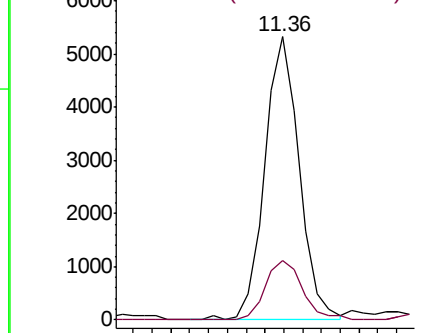
91 100

120 22.8 11.0 33.0

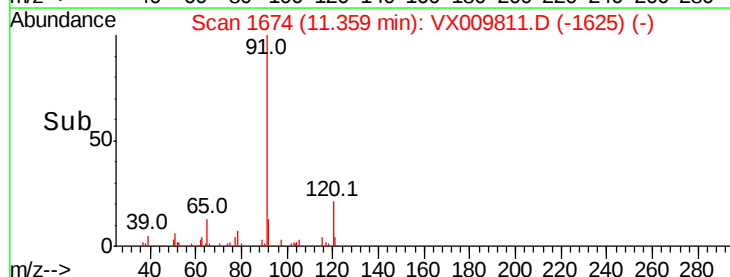


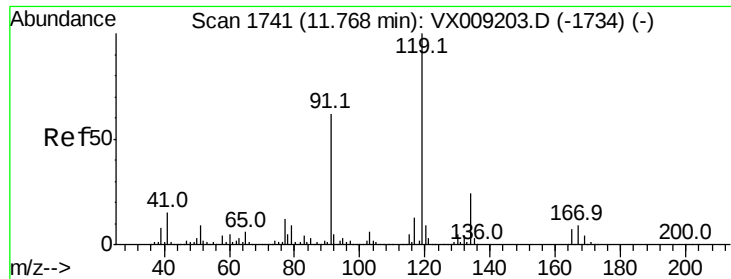
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





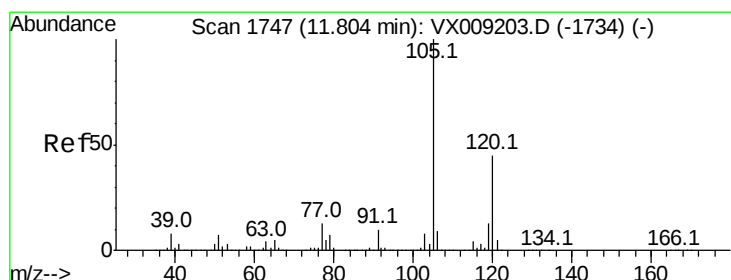
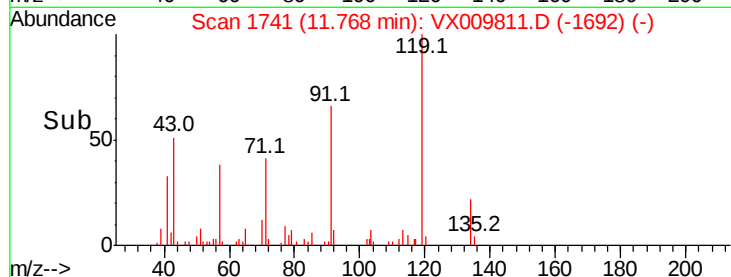
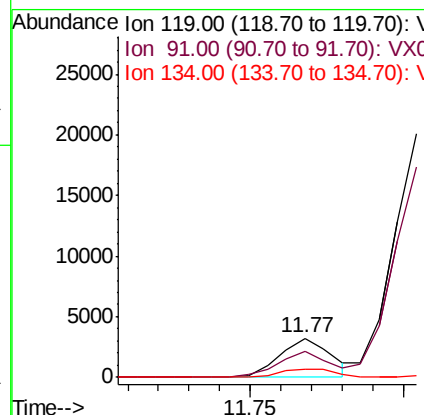
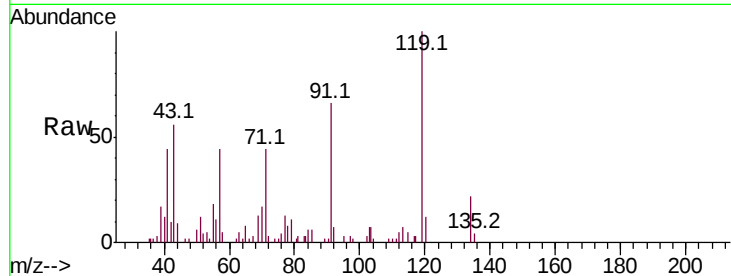
#83
 tert-Butylbenzene
 Concen: 0.564 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX009811.D
 Acq: 22 May 2019 17:54

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

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	29.5	88.5
134	24.2	11.4	34.1

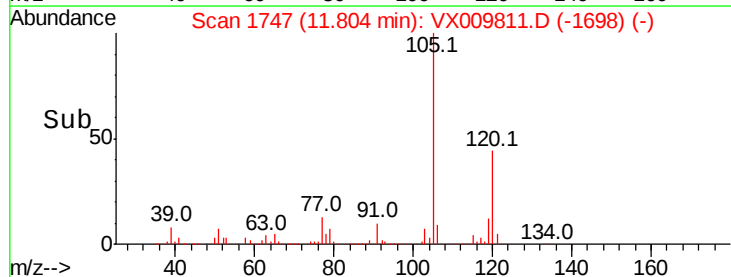
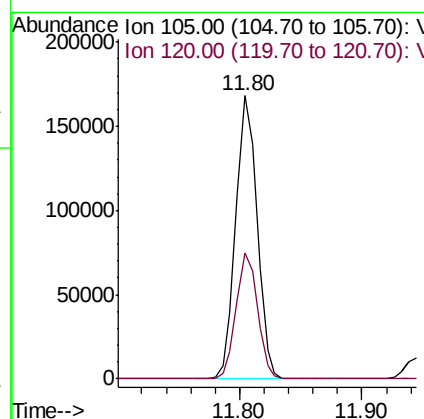
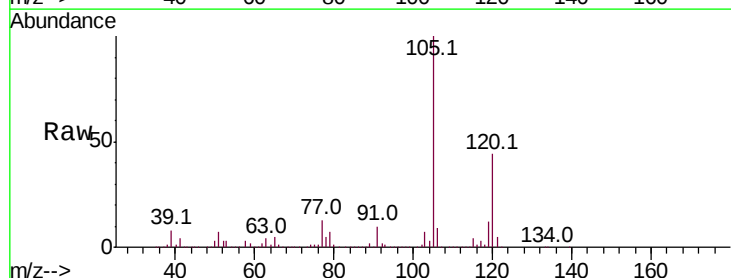
Manual Integrations
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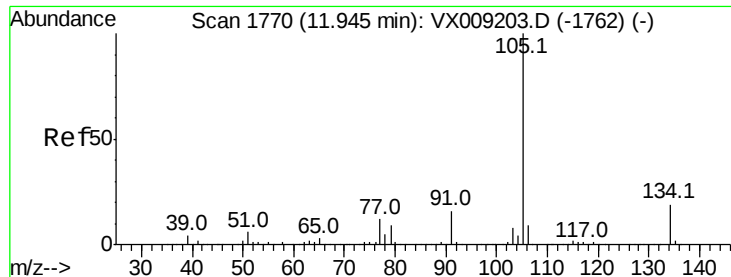
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#84
 1,2,4-Trimethylbenzene
 Concen: 29.512 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009811.D
 Acq: 22 May 2019 17:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.0	66.0





#85

sec-Butylbenzene

Concen: 2.002 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009811.D

Acq: 22 May 2019 17:54

Instrument :

MSVOA_X

ClientSampled :

EP1-PZ-E1-6

Tot Ion:105 Resp: 15761

Ion Ratio Lower Upper

105 100

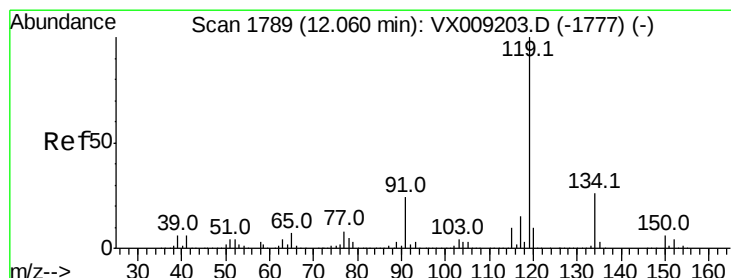
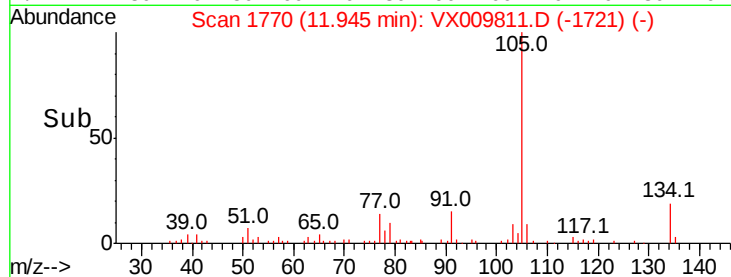
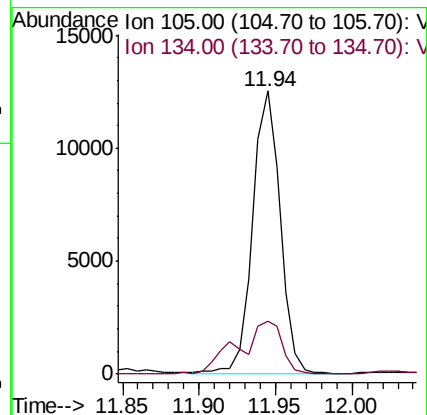
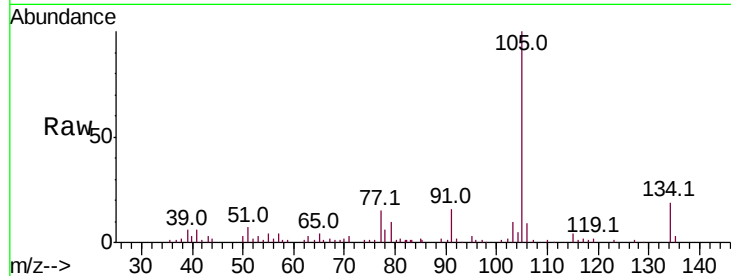
134 17.8 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 0.667 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009811.D

Acq: 22 May 2019 17:54

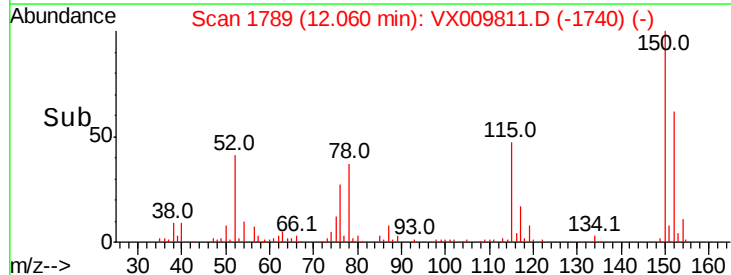
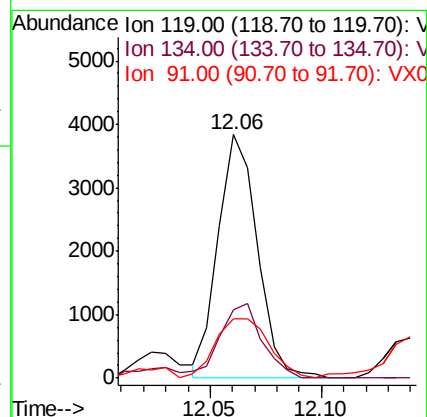
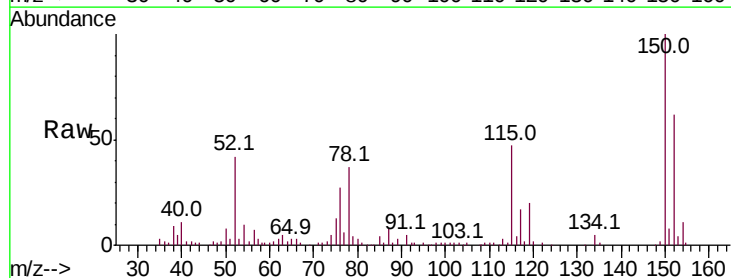
Tgt Ion:119 Resp: 4716

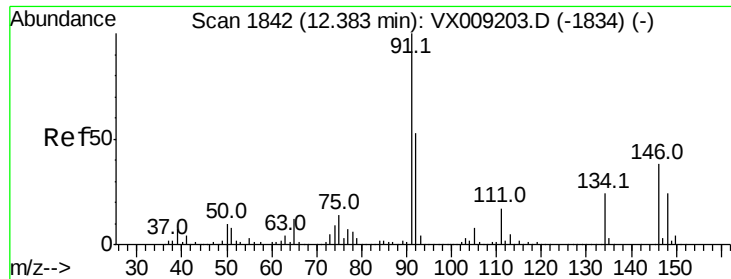
Ion Ratio Lower Upper

119 100

134 32.9 12.9 38.7

91 33.4 11.8 35.4





#89

n-Butylbenzene

Concen: 0.420 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009811.D

Acq: 22 May 2019 17:54

Instrument :

MSVOA_X

ClientSampled :

EP1-PZ-E1-6

Tot Ion:	91	Resp:	2685
Ion Ratio	Lower	Upper	
91	100		
92	69.6	26.5	79.5
134	138.2	12.4	37.2#

Manual Integrations
APPROVED

MMDadoda
5/23/2019 10:44:59 AM

