

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
 Data File : VL034110.D
 Acq On : 12 Aug 2019 19:08
 Operator : SY/AP
 Sample : K4296-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI4DL

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:54:30 AM

Quant Time: Aug 13 13:53:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 0
 QLast Update : Mon Aug 05 17:09:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1202467	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2231115	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2293732	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.52	95	1980271	10.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds					Ovalue
13) Ethanol	3.62	45	304735	13.191 ppbv	98
15) Acetone	3.86	43	1525248	8.876 ppbv	99
19) Isopropyl Alcohol	3.99	45	886549m	6.626 ppbv	
43) Methyl Methacrylate	8.08	69	92716	0.891 ppbv	99
53) Toluene	9.88	91	897271	3.066 ppbv	97
59) m/p-Xylene	13.06	91	112241m	0.363 ppbv	
60) o-Xylene	13.79	91	49173m	0.159 ppbv	
61) Styrene	13.62	104	31202m	0.127 ppbv	

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

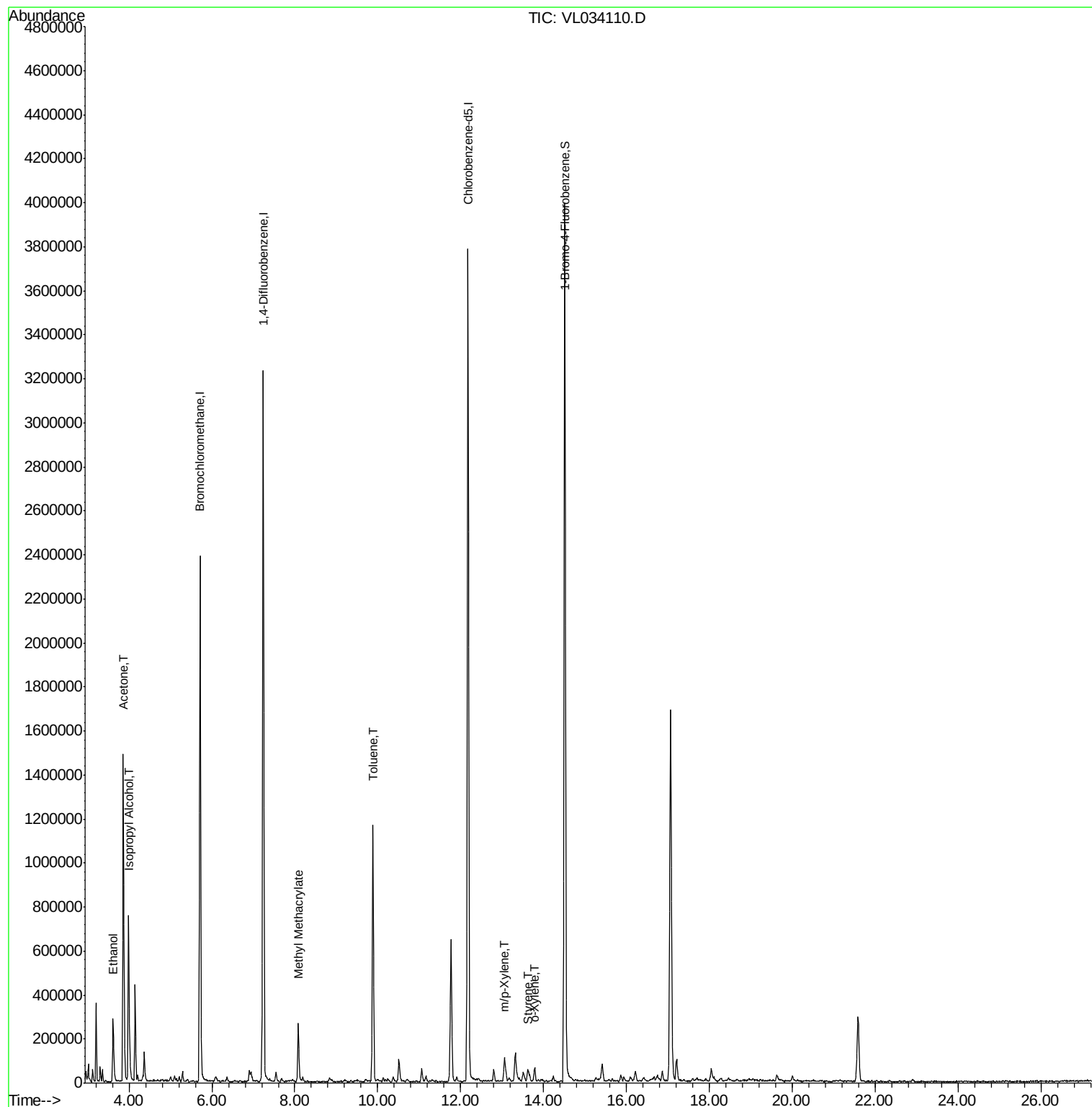
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081219\
Data File : VL034110.D
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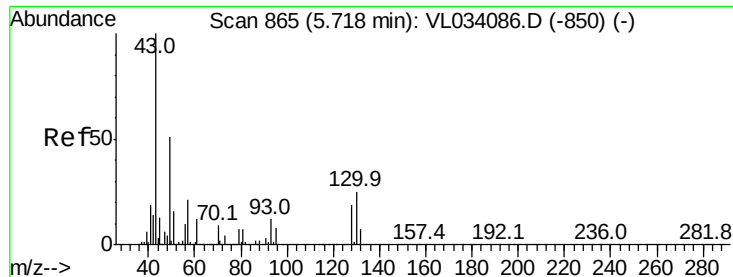
Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI4DL

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QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 863

Delta R.T. -0.01 min

Lab File: VL034110.D

Acq: 12 Aug 2019 19:08

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI4DL

Tot Ion: 49 Resp: 1202467

Ion Ratio Lower Upper

49 100

128 37.4 19.5 58.5

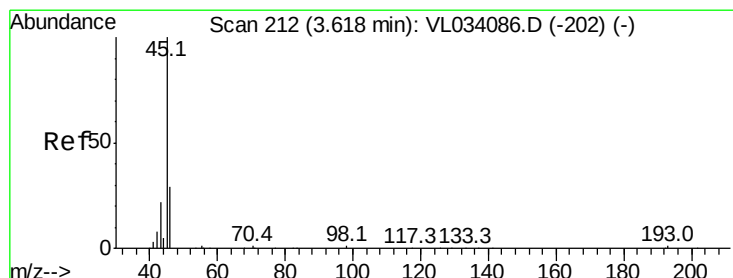
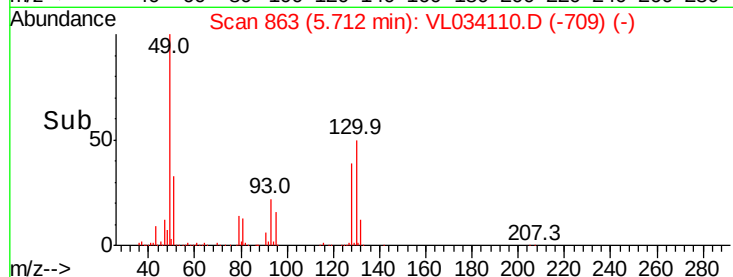
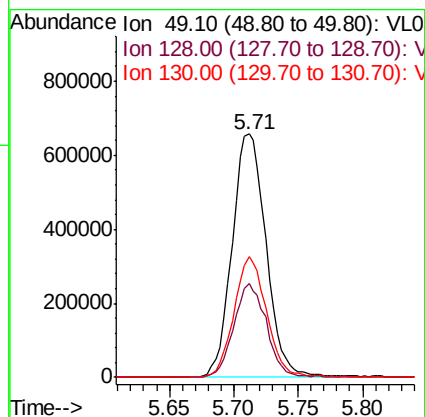
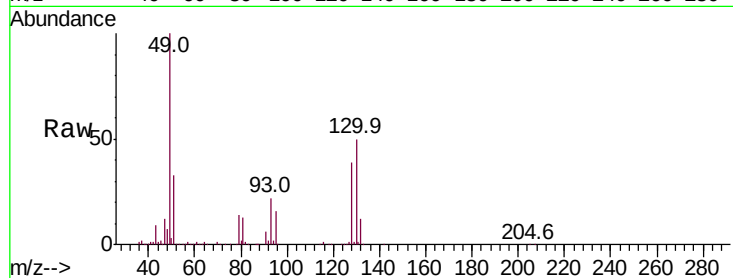
130 48.3 25.4 76.0

Manual Integrations

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#13

Ethanol

Concen: 13.191 ppbv

RT: 3.62 min Scan# 211

Delta R.T. -0.00 min

Lab File: VL034110.D

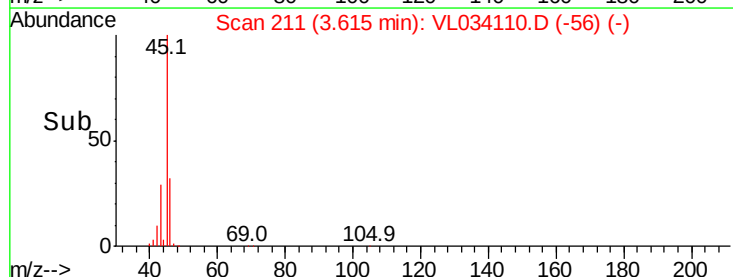
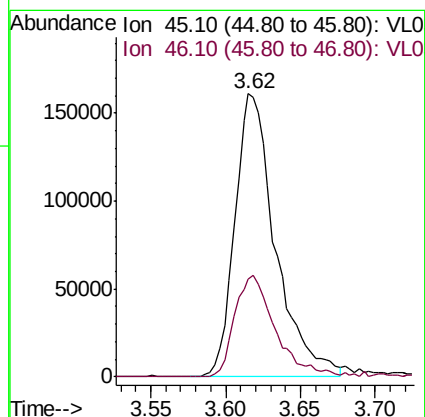
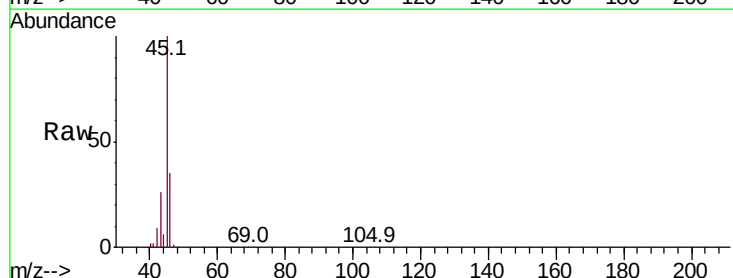
Acq: 12 Aug 2019 19:08

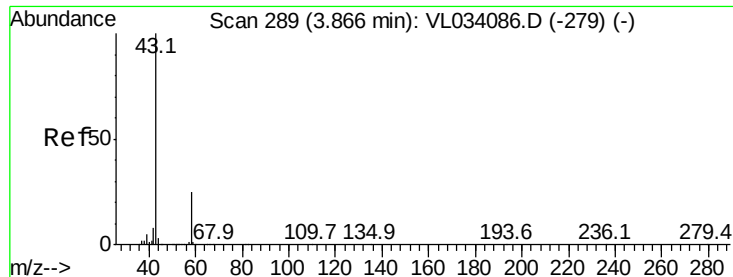
Tgt Ion: 45 Resp: 304735

Ion Ratio Lower Upper

45 100

46 35.8 14.9 59.5





#15

Acetone

Concen: 8.876 ppbv

RT: 3.86 min Scan# 288

Delta R.T. -0.00 min

Lab File: VL034110.D

Acq: 12 Aug 2019 19:08

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI4DL

Tot Ion: 43 Resp: 1525248

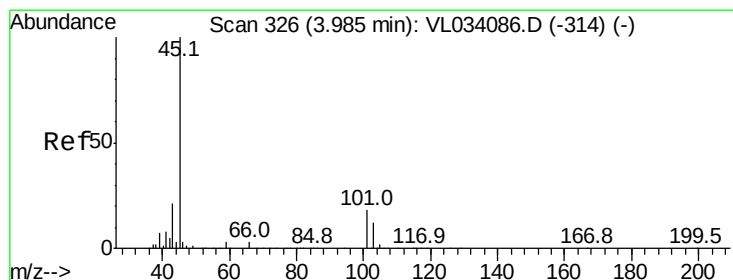
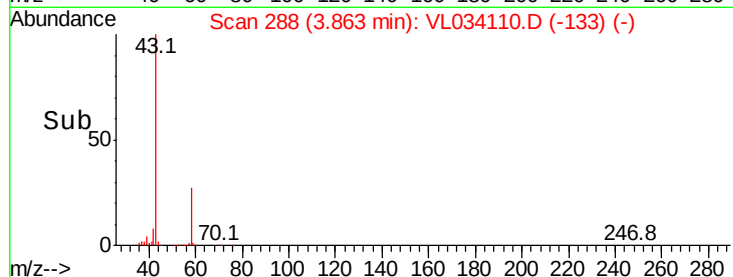
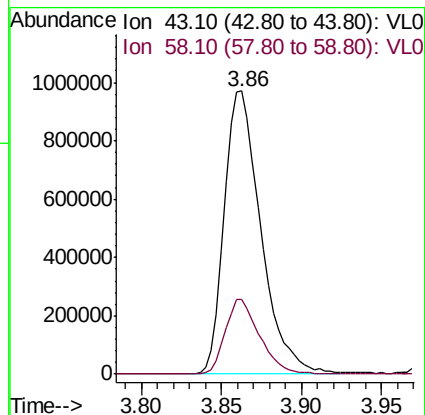
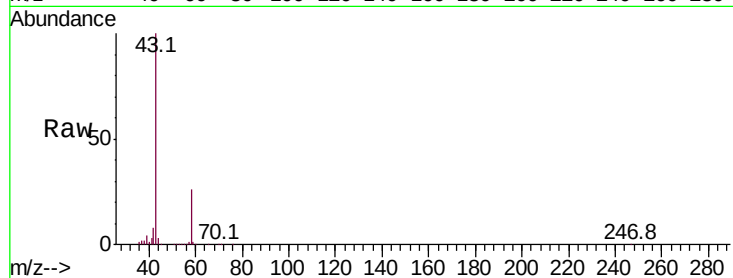
Ion Ratio Lower Upper

43 100

58 25.0 20.6 30.8

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#19

Isopropyl Alcohol

Concen: 6.626 ppbv m

RT: 3.99 min Scan# 327

Delta R.T. 0.00 min

Lab File: VL034110.D

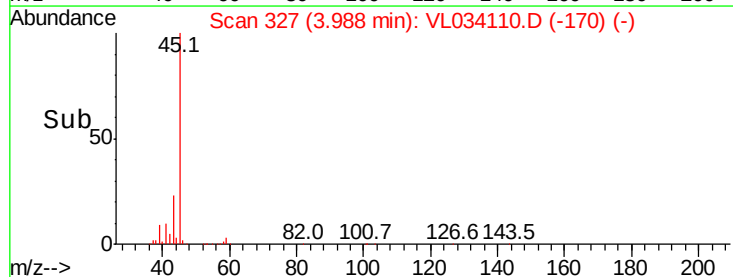
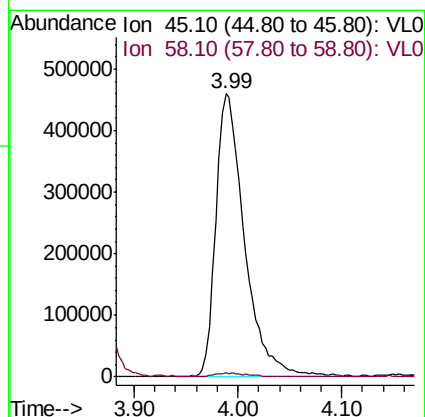
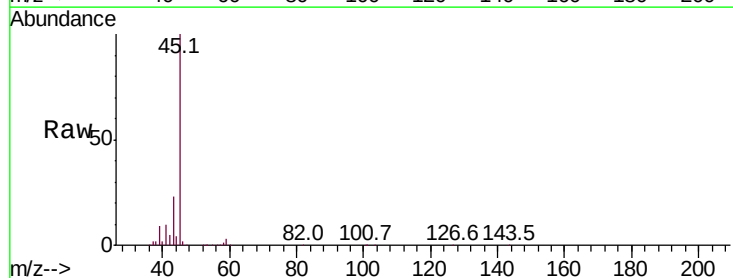
Acq: 12 Aug 2019 19:08

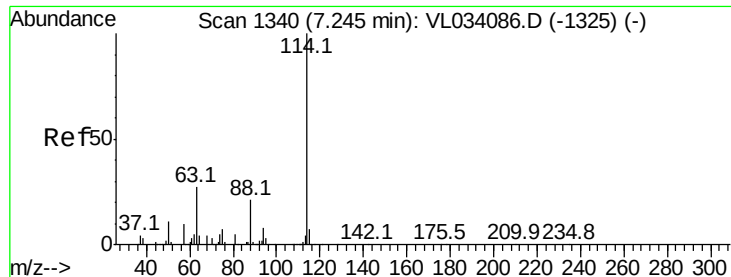
Tgt Ion: 45 Resp: 886549

Ion Ratio Lower Upper

45 100

58 0.0 24.6 37.0#





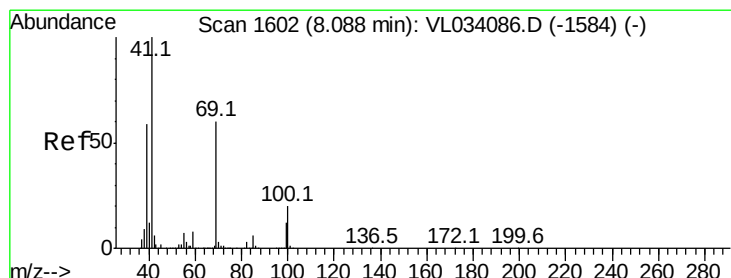
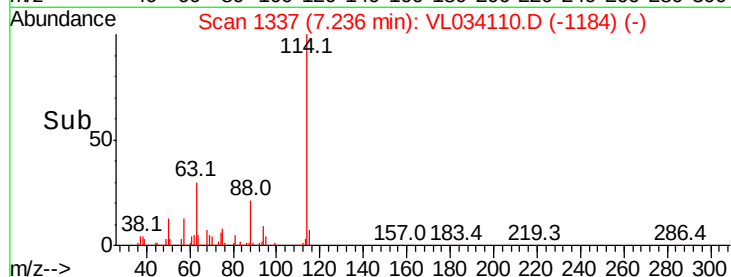
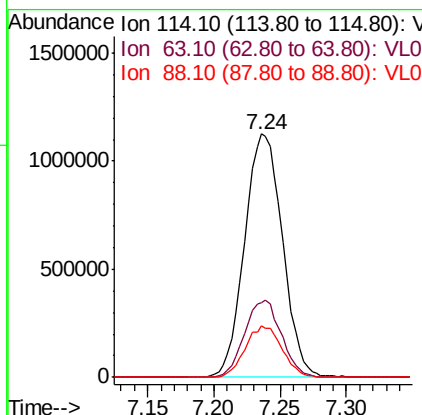
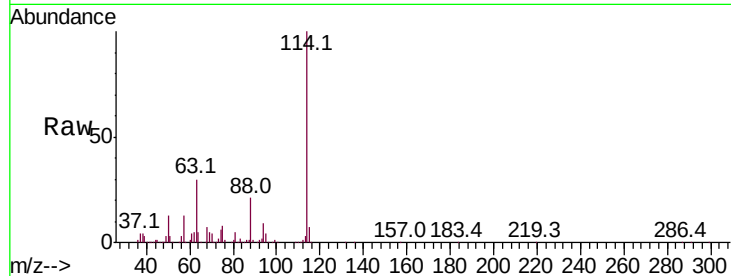
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VL034110.D
 Acq: 12 Aug 2019 19:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI4DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.9	22.5	33.7
88	20.6	15.7	23.5

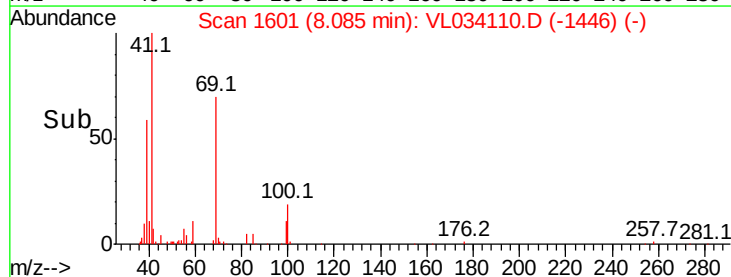
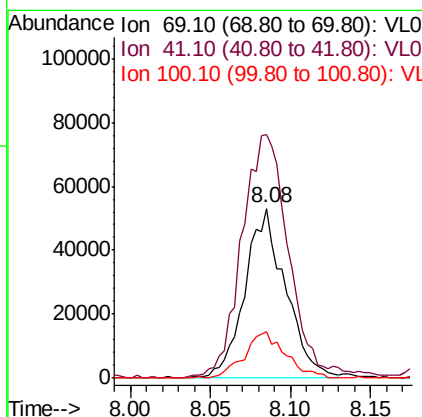
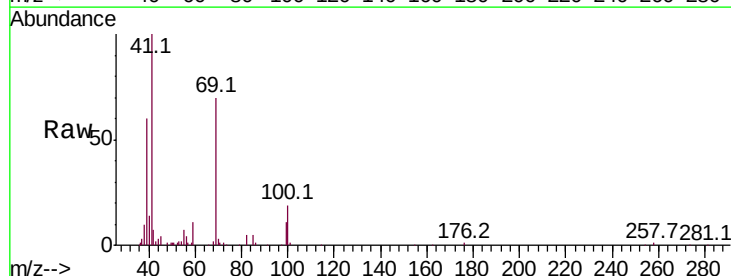
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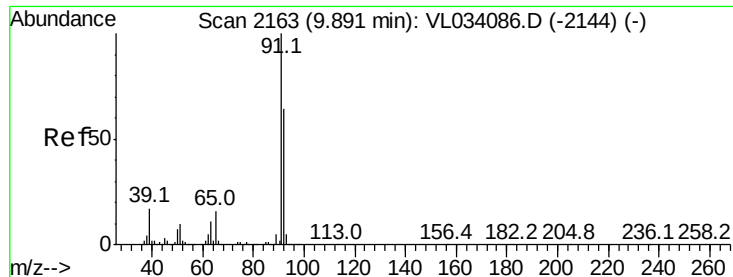
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#43
 Methyl Methacrylate
 Concen: 0.891 ppbv
 RT: 8.08 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: VL034110.D
 Acq: 12 Aug 2019 19:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	165.8	132.9	199.3
100	27.7	25.8	38.8





#53

Toluene

Concen: 3.066 ppbv

RT: 9.88 min Scan# 2160

Delta R.T. -0.01 min

Lab File: VL034110.D

Acq: 12 Aug 2019 19:08

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI4DL

Tot Ion: 91 Resp: 897271

Ion Ratio Lower Upper

91 100

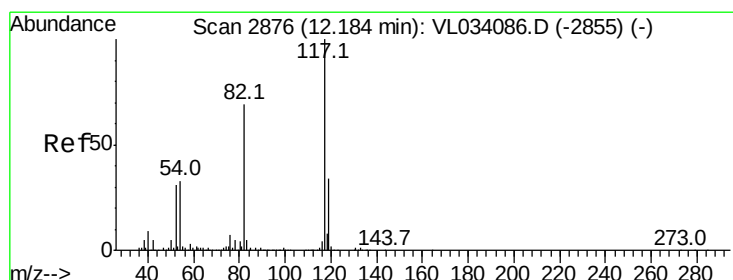
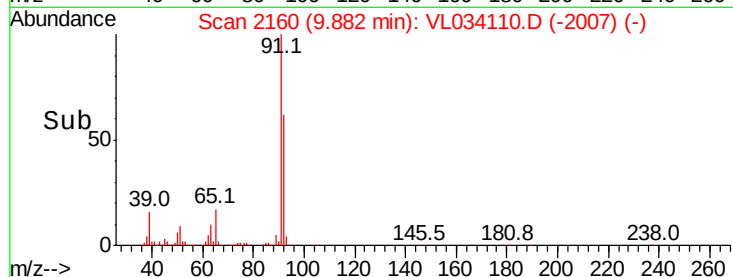
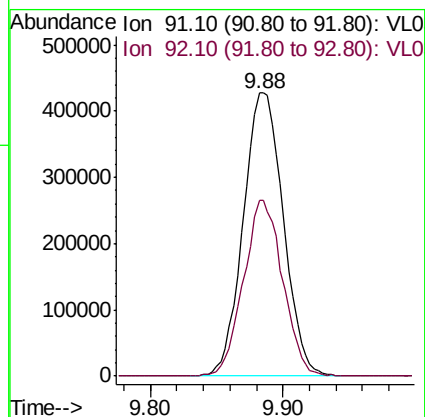
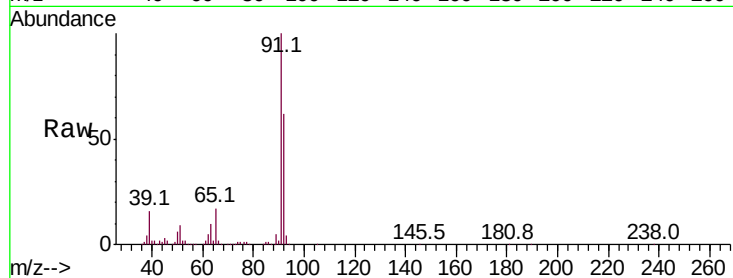
92 60.9 50.3 75.5

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.18 min Scan# 2874

Delta R.T. -0.01 min

Lab File: VL034110.D

Acq: 12 Aug 2019 19:08

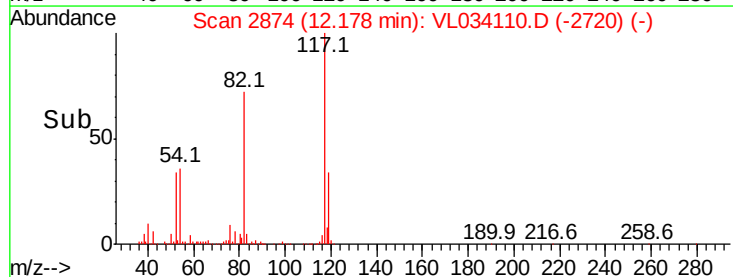
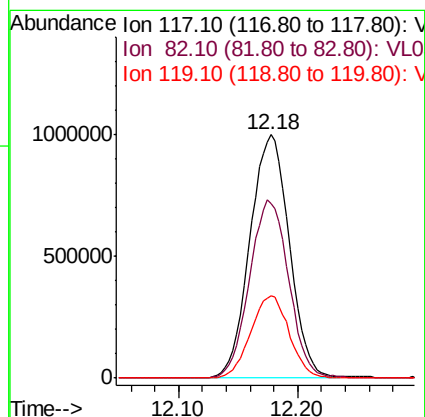
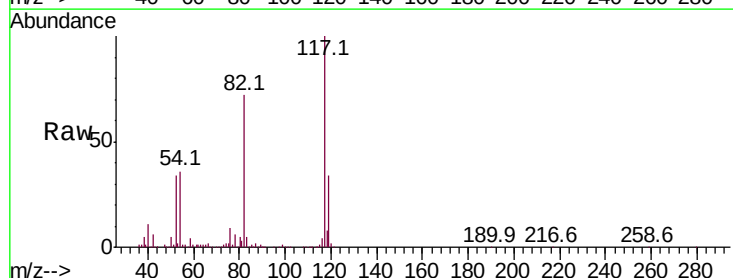
Tgt Ion: 117 Resp: 2293732

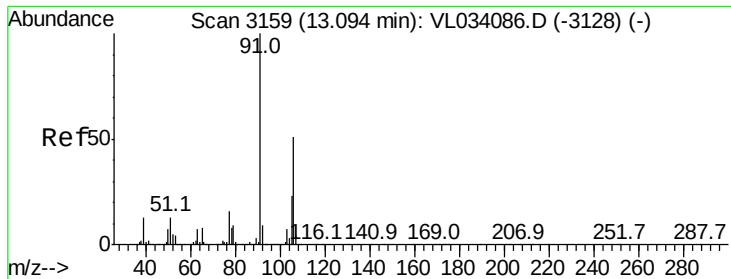
Ion Ratio Lower Upper

117 100

82 73.3 52.2 78.4

119 33.2 44.8 67.2#





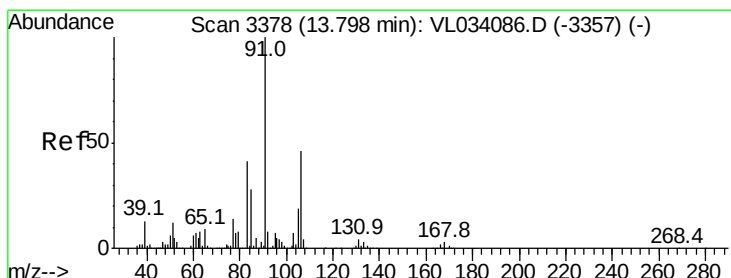
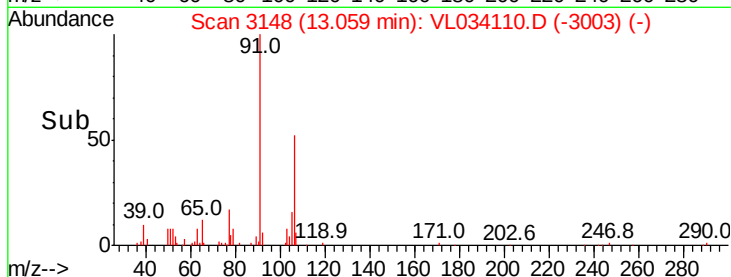
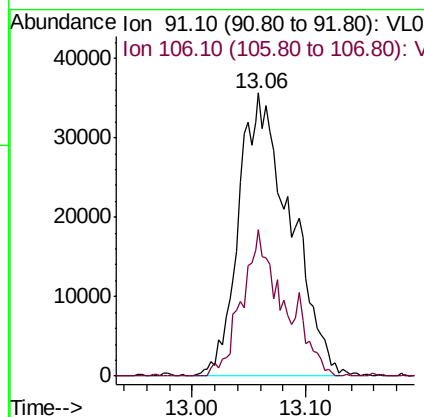
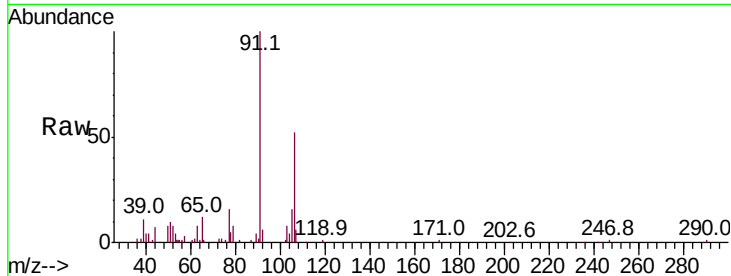
#59
m/p-Xylene
Concen: 0.363 ppbv m
RT: 13.06 min Scan# 3148
Delta R.T. -0.04 min
Lab File: VL034110.D
Acq: 12 Aug 2019 19:08

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI4DL

Tot Ion: 91 Resp: 112241
Ion Ratio Lower Upper
91 100
106 0.0 38.7 58.1#

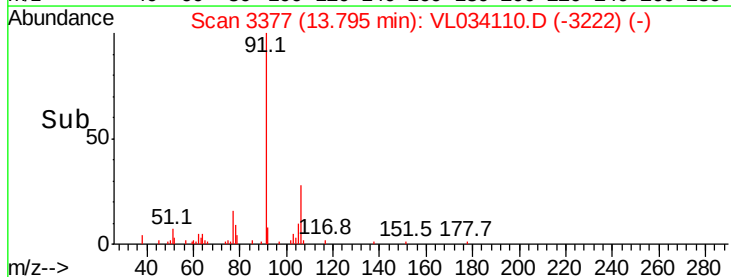
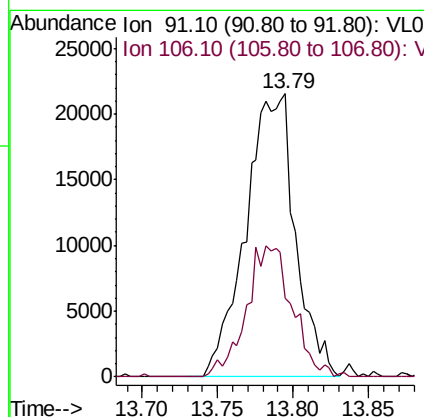
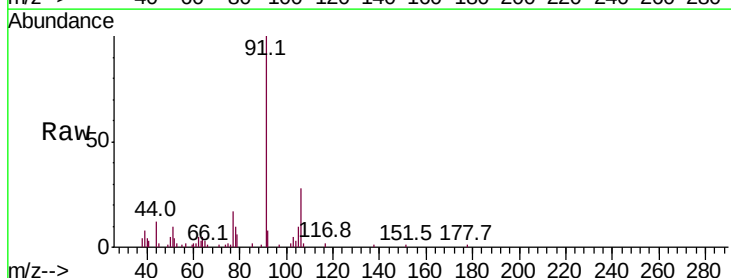
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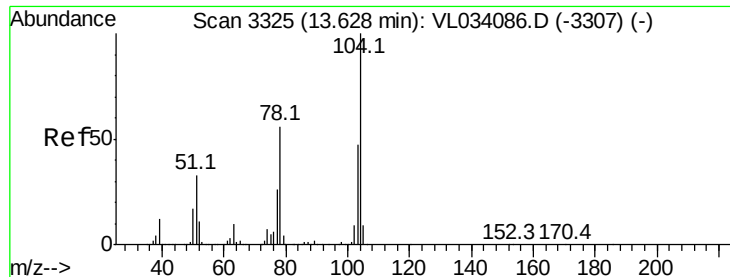
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#60
o-Xylene
Concen: 0.159 ppbv m
RT: 13.79 min Scan# 3377
Delta R.T. -0.00 min
Lab File: VL034110.D
Acq: 12 Aug 2019 19:08

Tgt Ion: 91 Resp: 49173
Ion Ratio Lower Upper
91 100
106 0.0 22.6 67.7#





#61

Stvrene

Concen: 0.127 ppbv m

RT: 13.62 min Scan# 3322

Delta R.T. -0.01 min

Lab File: VL034110.D

Acq: 12 Aug 2019 19:08

Instrument :

MSVOA_L

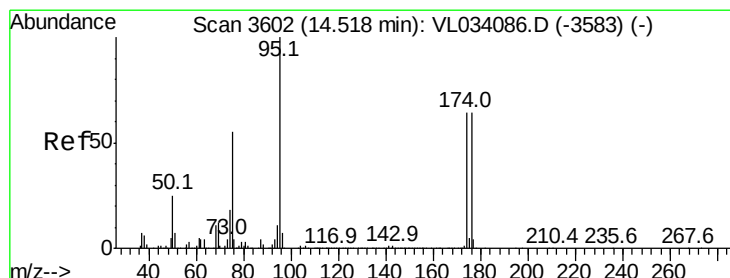
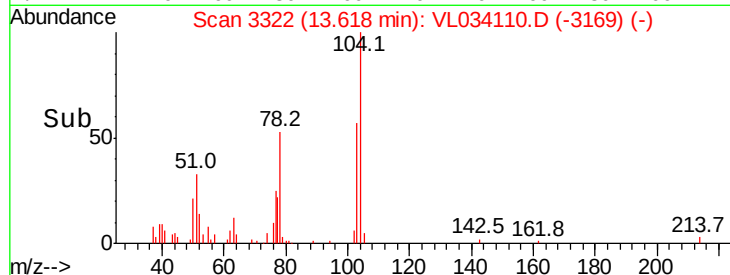
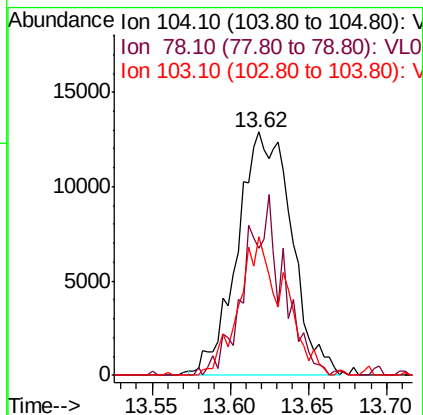
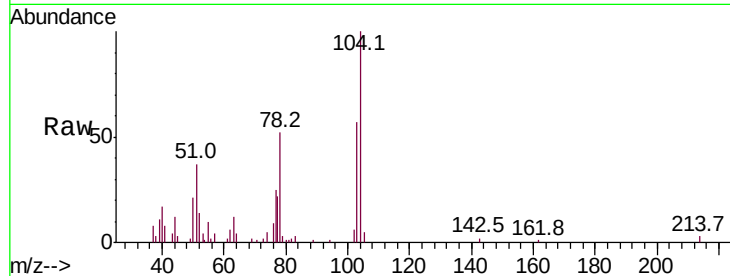
ClientSampleId :

SRS-0807-VI4DL

Tot Ion:	104	Resp:	31202
Ion Ratio	Lower	Upper	
104	100		
78	0.0	44.2	66.4#
103	47.7	38.3	57.5

Manual Integrations
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#68

1-Bromo-4-Fluorobenzene

Concen: 10.640 ppbv

RT: 14.52 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VL034110.D

Acq: 12 Aug 2019 19:08

Tgt Ion:	95	Resp:	1980271
Ion Ratio	Lower	Upper	
95	100		
174	62.7	53.0	79.6
175	4.4	4.2	6.2

