

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
 Data File : VL034108.D
 Acq On : 12 Aug 2019 17:51
 Operator : SY/AP
 Sample : K4296-02 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI2

Manual Integrations
 APPROVED

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 8/16/2019 8:54:28 AM

Quant Time: Aug 13 13:51:07 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	1232270	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2253321	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2318861	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	1990819	10.58	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds					Ovalue
13) Ethanol	3.62	45	2985911	126.121	ppbv 99
15) Acetone	3.86	43	3033584	17.228	ppbv 96
19) Isopropyl Alcohol	3.99	45	1705703m	12.440	ppbv
43) Methyl Methacrylate	8.08	69	193106	1.838	ppbv 92
53) Toluene	9.89	91	236839	0.801	ppbv 99

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

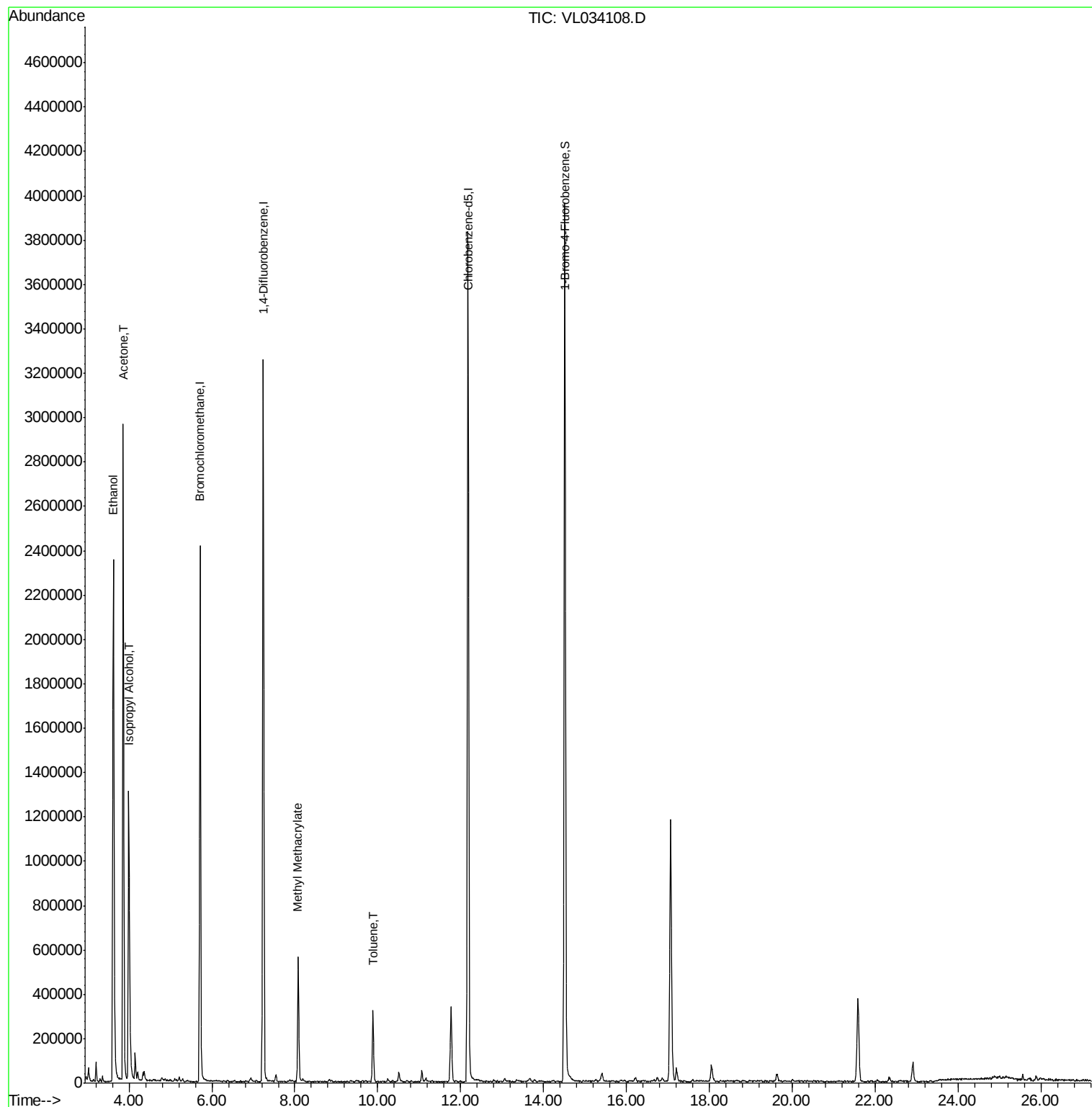
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
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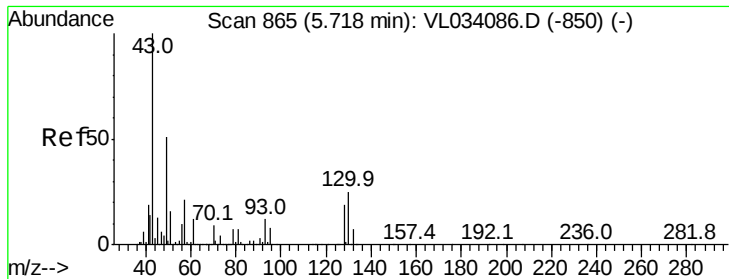
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Aug 13 13:51:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080519AIR.M
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QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 864

Delta R.T. -0.00 min

Lab File: VL034108.D

Acq: 12 Aug 2019 17:51

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI2

Tot Ion: 49 Resp: 1232270

Ion Ratio Lower Upper

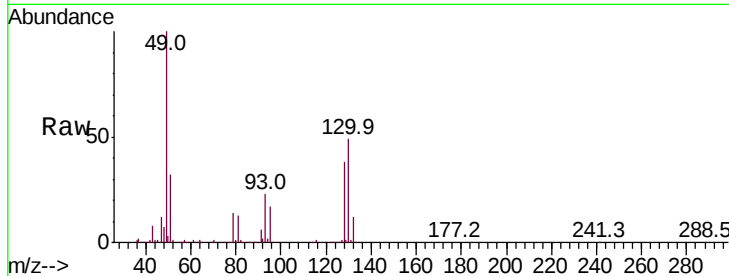
49 100

128 37.6 19.5 58.5

130 47.7 25.4 76.0

Manual Integrations
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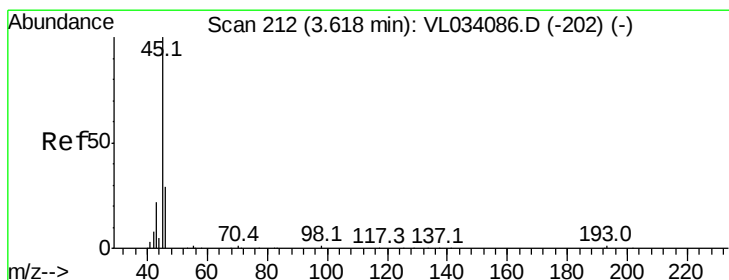
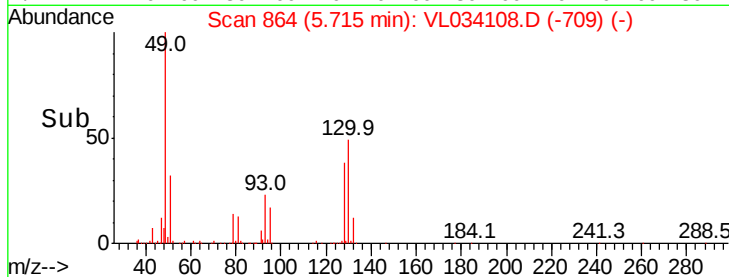
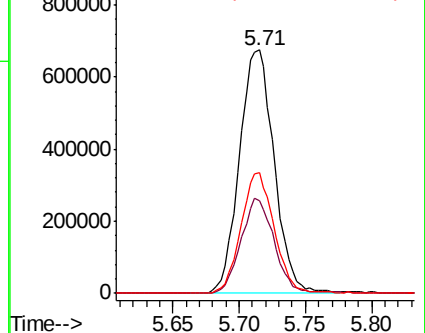
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 126.121 ppbv

RT: 3.62 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL034108.D

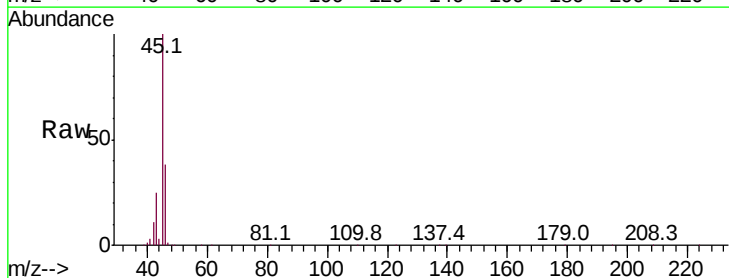
Acq: 12 Aug 2019 17:51

Tgt Ion: 45 Resp: 2985911

Ion Ratio Lower Upper

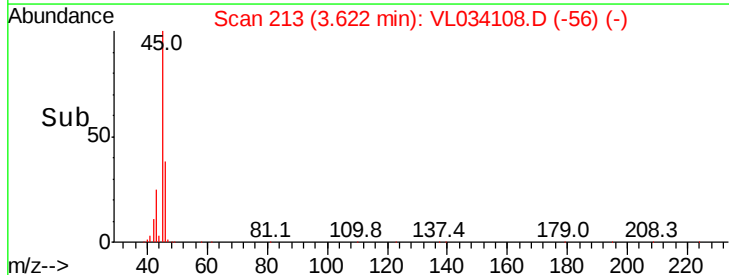
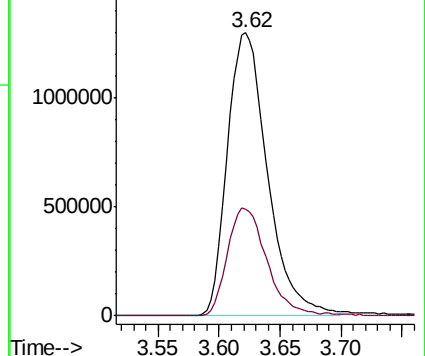
45 100

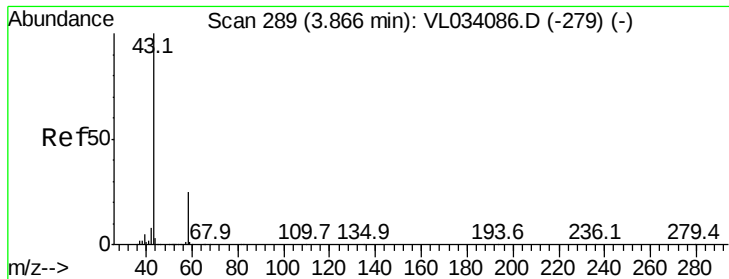
46 38.0 14.9 59.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 17.228 ppbv

RT: 3.86 min Scan# 287

Delta R.T. -0.01 min

Lab File: VL034108.D

Acq: 12 Aug 2019 17:51

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI2

Tot Ion: 43 Resp: 3033584

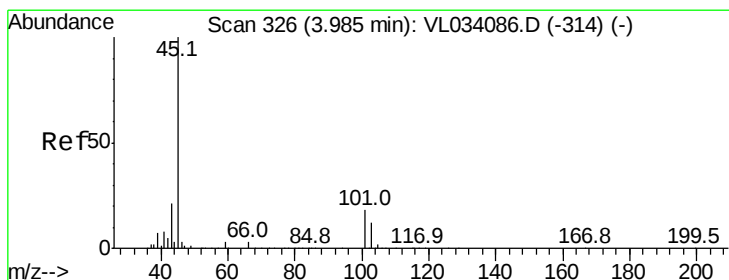
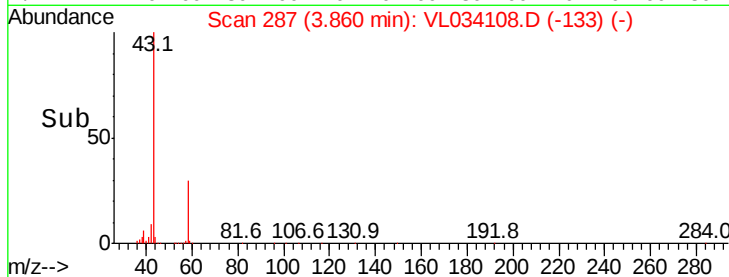
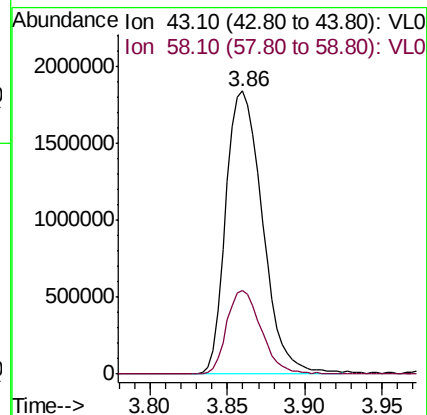
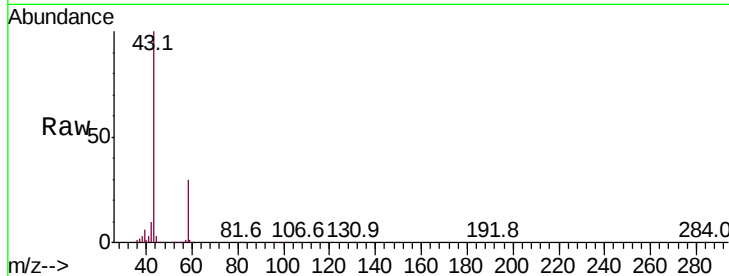
Ion Ratio Lower Upper

43 100

58 28.0 20.6 30.8

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#19

Isopropyl Alcohol

Concen: 12.440 ppbv m

RT: 3.99 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL034108.D

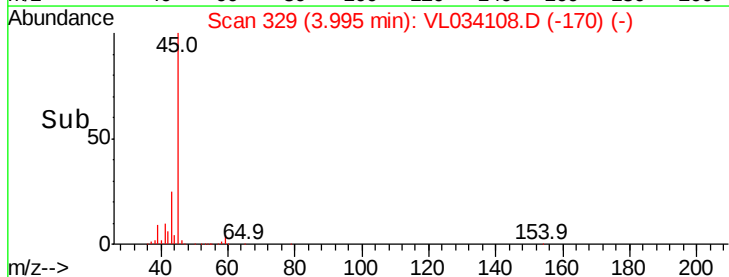
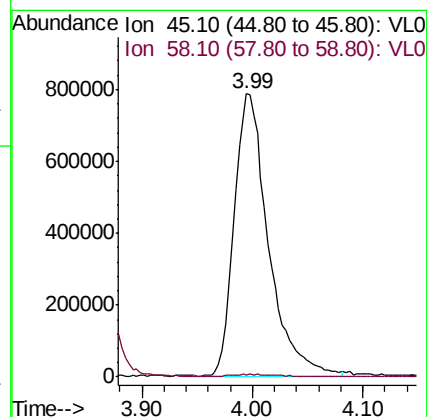
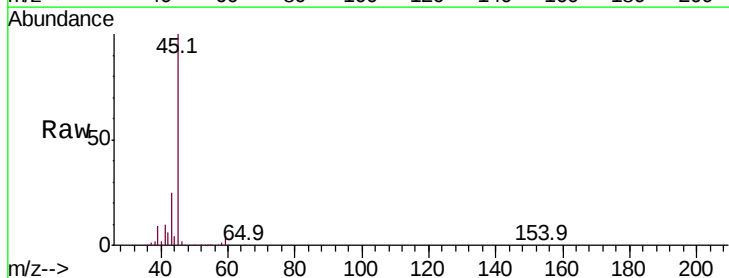
Acq: 12 Aug 2019 17:51

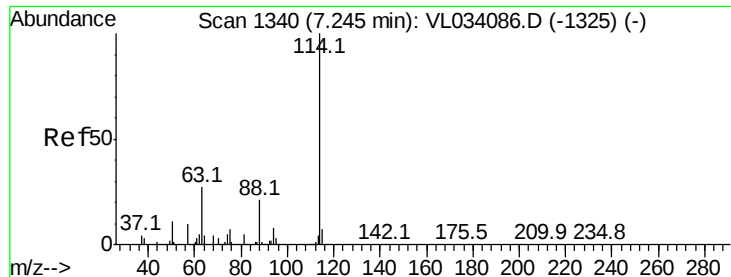
Tgt Ion: 45 Resp: 1705703

Ion Ratio Lower Upper

45 100

58 0.0 24.6 37.0#





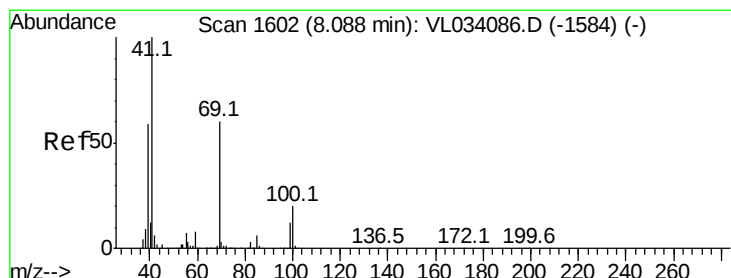
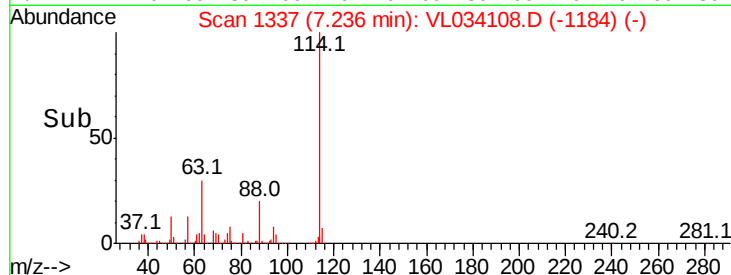
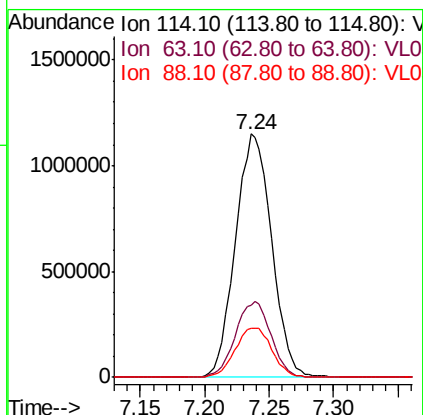
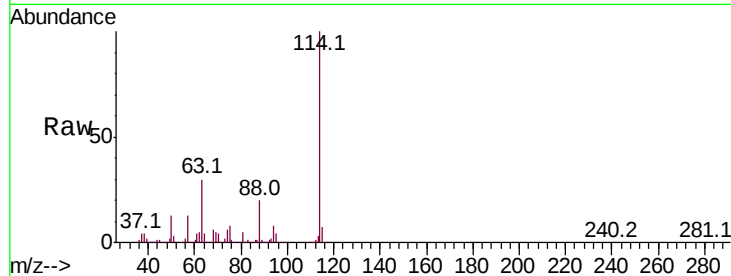
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VL034108.D
 Acq: 12 Aug 2019 17:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI2

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.6	22.5	33.7
88	20.6	15.7	23.5

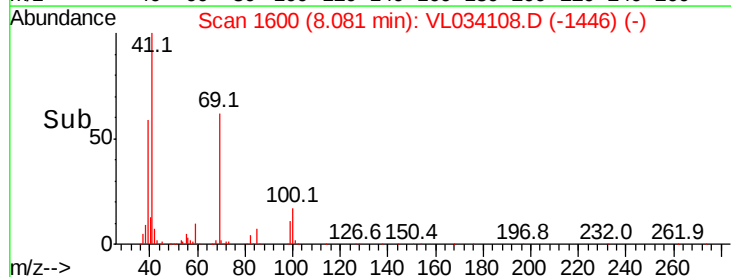
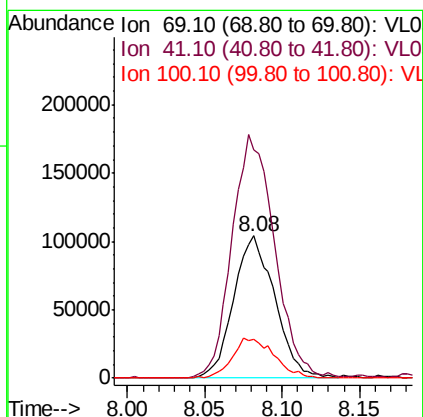
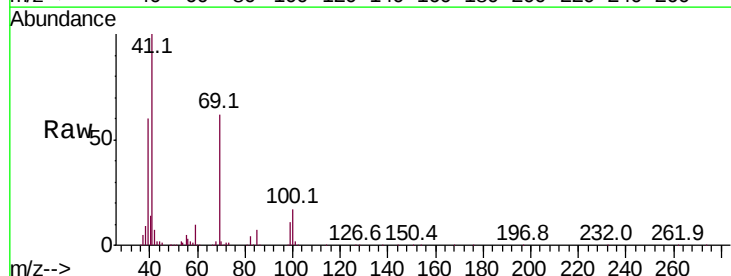
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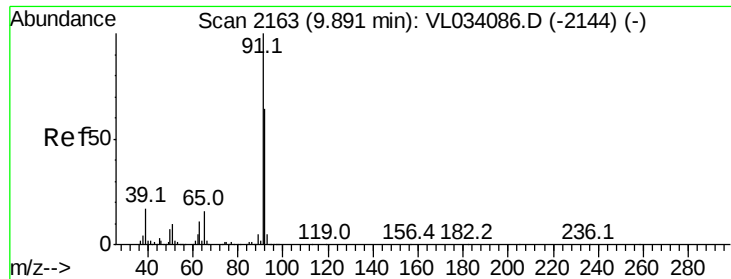
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#43
 Methyl Methacrylate
 Concen: 1.838 ppbv
 RT: 8.08 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VL034108.D
 Acq: 12 Aug 2019 17:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	177.5	132.9	199.3
100	28.6	25.8	38.8





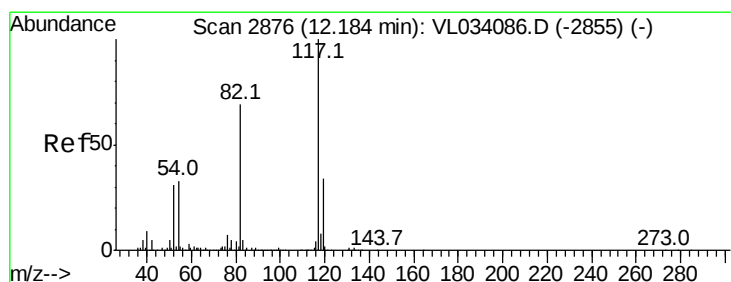
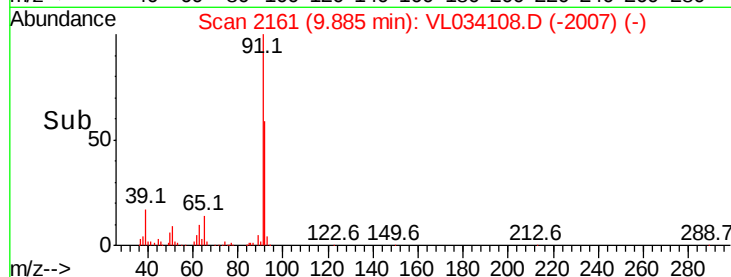
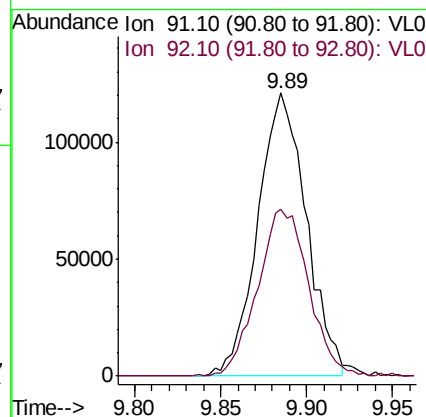
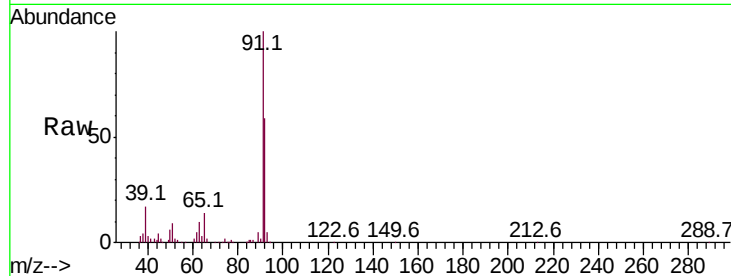
#53
Toluene
Concen: 0.801 ppbv
RT: 9.89 min Scan# 2161
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Instrument :
MSVOA_L
ClientSampleId :
SRS-0807-VI2

Tot Ion: 91 Resp: 236839
Ion Ratio Lower Upper
91 100
92 62.2 50.3 75.5

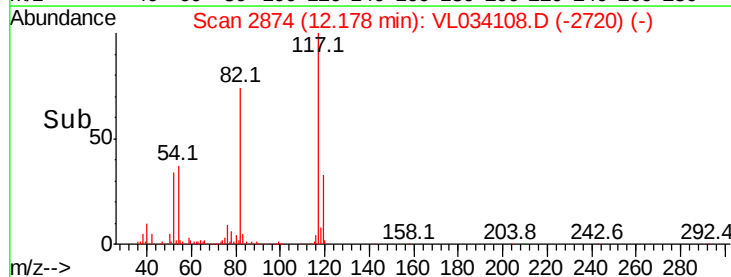
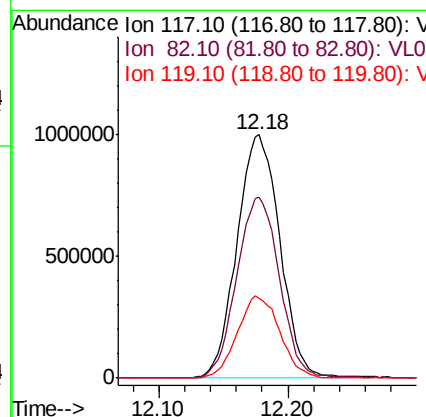
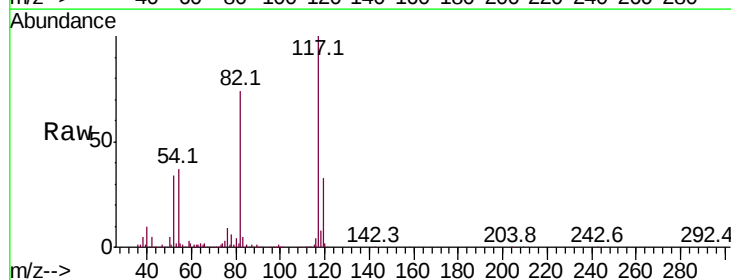
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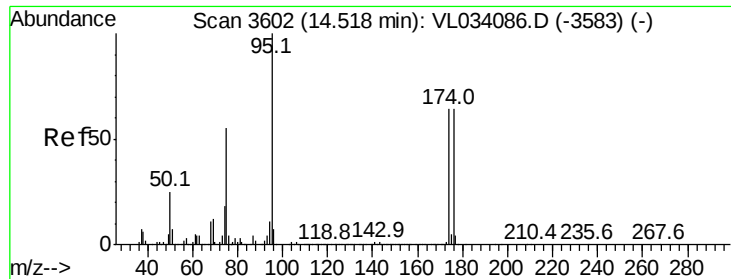
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2874
Delta R.T. -0.01 min
Lab File: VL034108.D
Acq: 12 Aug 2019 17:51

Tgt Ion: 117 Resp: 2318861
Ion Ratio Lower Upper
117 100
82 74.6 52.2 78.4
119 33.4 44.8 67.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.581 ppbv
 RT: 14.51 min Scan# 3600
 Delta R.T. -0.01 min
 Lab File: VL034108.D
 Acq: 12 Aug 2019 17:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI2

Tot Ion	Ratio	Lower	Upper
95	100		
174	61.9	53.0	79.6
175	4.5	4.2	6.2

Manual Integrations
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