

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
 Data File : VL034114.D
 Acq On : 12 Aug 2019 23:35
 Operator : SY/AP
 Sample : K4296-02DL 20X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI2DL

Manual Integrations
 APPROVED

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 8/16/2019 8:54:38 AM

Quant Time: Aug 13 13:42:30 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	1236196	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	2273260	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2331589	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.51	95	2004347	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	1569732	66.093	ppbv	100
15) Acetone	3.86	43	1655236	9.370	ppbv	99
19) Isopropyl Alcohol	3.99	45	840861m	6.113	ppbv	
43) Methyl Methacrylate	8.08	69	91742	0.866	ppbv	96
53) Toluene	9.89	91	111233m	0.373	ppbv	

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

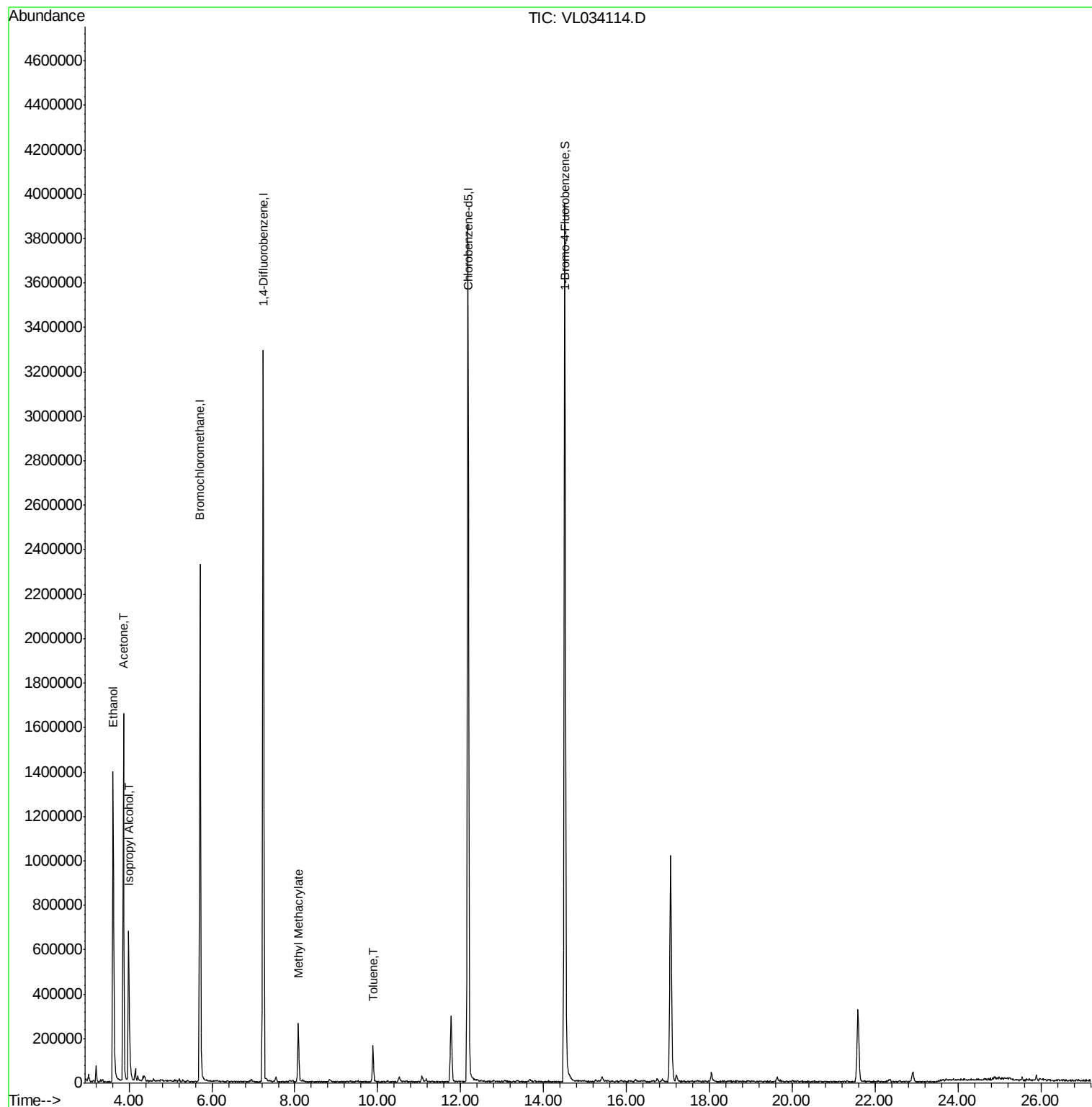
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081219\
Data File : VL034114.D
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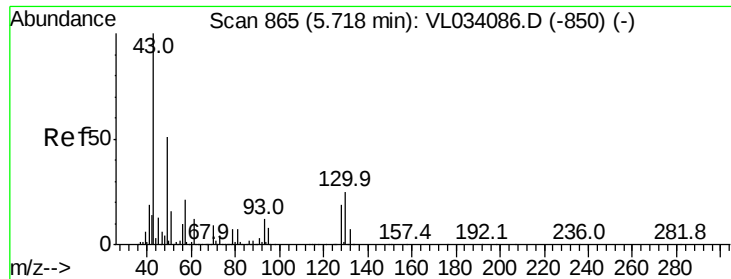
Instrument :
MSVOA_L
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QLast Update : Mon Aug 05 17:09:48 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 863

Delta R.T. -0.01 min

Lab File: VL034114.D

Acq: 12 Aug 2019 23:35

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI2DL

Tot Ion: 49 Resp: 1236196

Ion Ratio Lower Upper

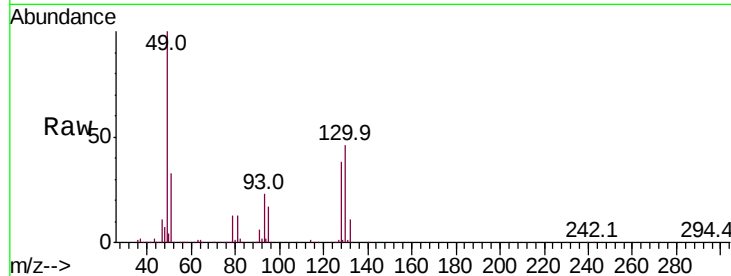
49 100

128 38.0 19.5 58.5

130 47.6 25.4 76.0

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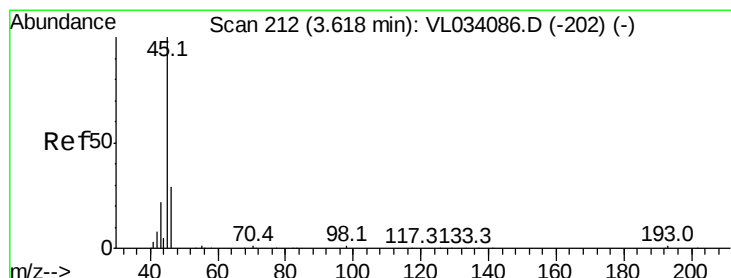
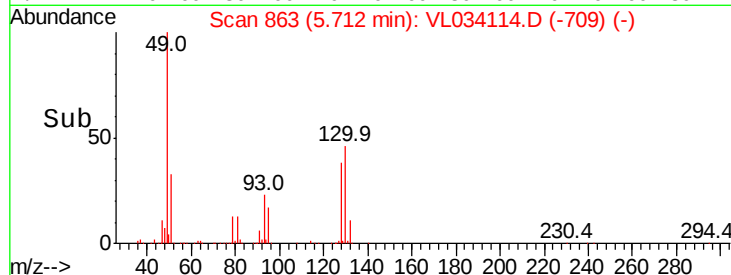
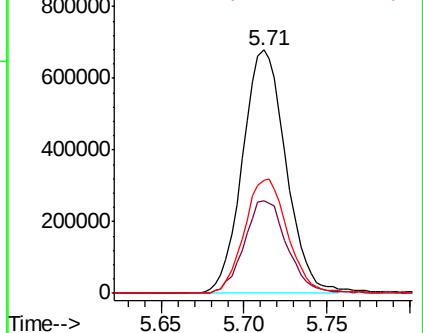
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 66.093 ppbv

RT: 3.62 min Scan# 211

Delta R.T. -0.00 min

Lab File: VL034114.D

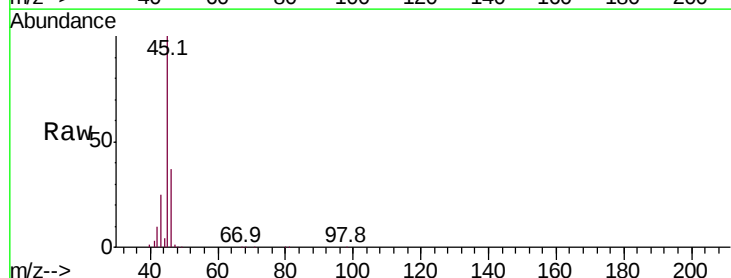
Acq: 12 Aug 2019 23:35

Tgt Ion: 45 Resp: 1569732

Ion Ratio Lower Upper

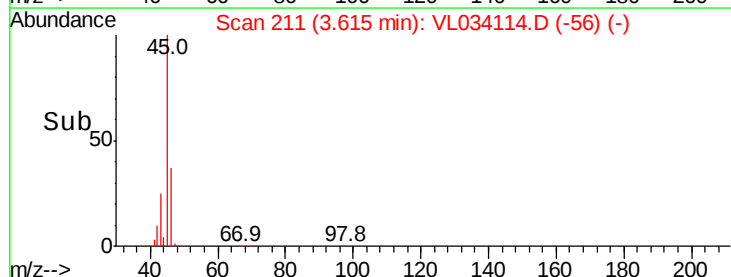
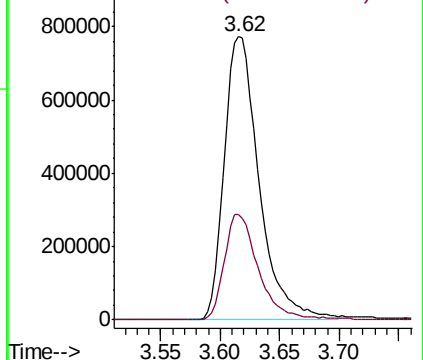
45 100

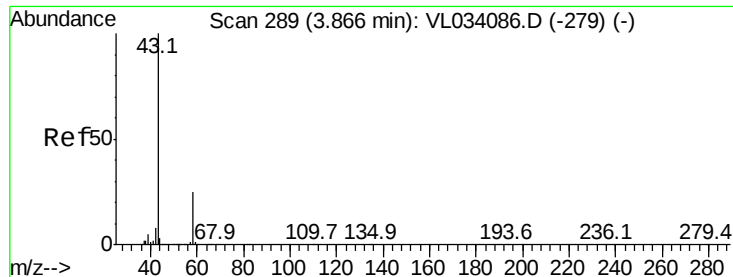
46 37.0 14.9 59.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 9.370 ppbv

RT: 3.86 min Scan# 288

Delta R.T. -0.00 min

Lab File: VL034114.D

Acq: 12 Aug 2019 23:35

Instrument :

MSVOA_L

ClientSampleId :

SRS-0807-VI2DL

Tot Ion: 43 Resp: 1655236

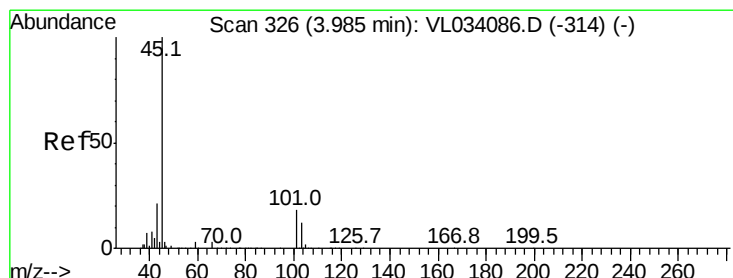
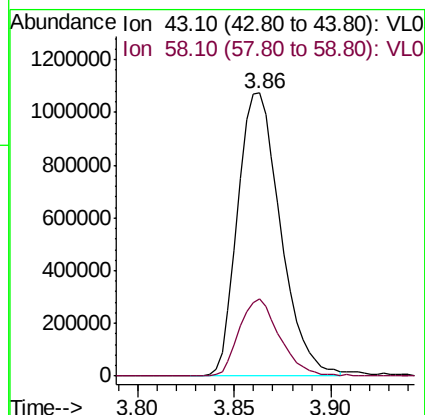
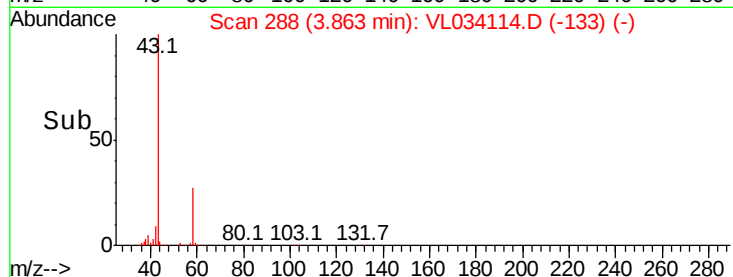
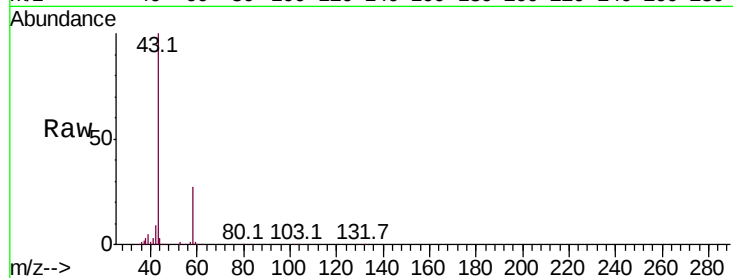
Ion Ratio Lower Upper

43 100

58 26.2 20.6 30.8

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#19

Isopropyl Alcohol

Concen: 6.113 ppbv m

RT: 3.99 min Scan# 328

Delta R.T. 0.01 min

Lab File: VL034114.D

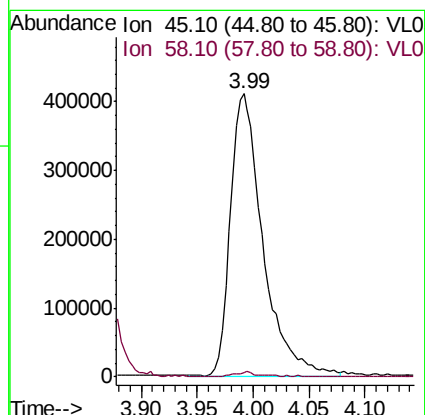
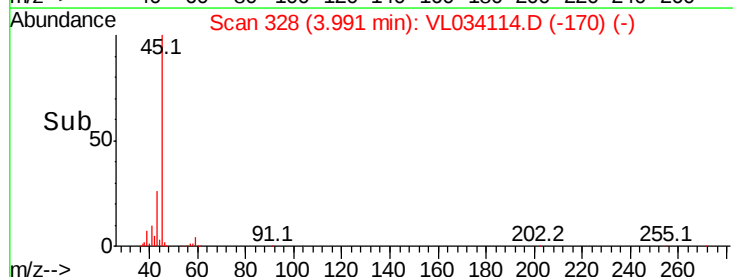
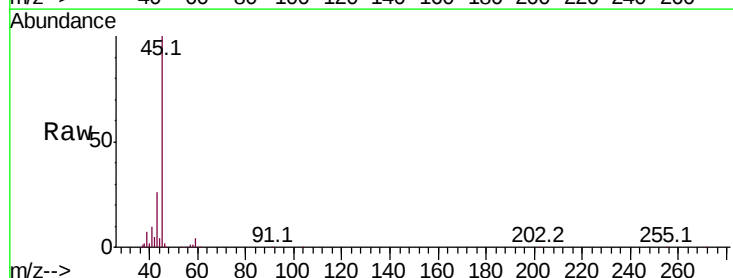
Acq: 12 Aug 2019 23:35

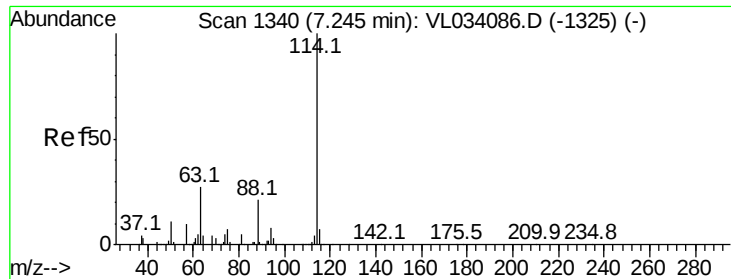
Tgt Ion: 45 Resp: 840861

Ion Ratio Lower Upper

45 100

58 0.0 24.6 37.0#





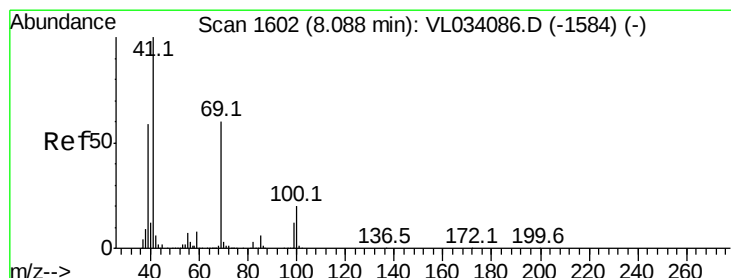
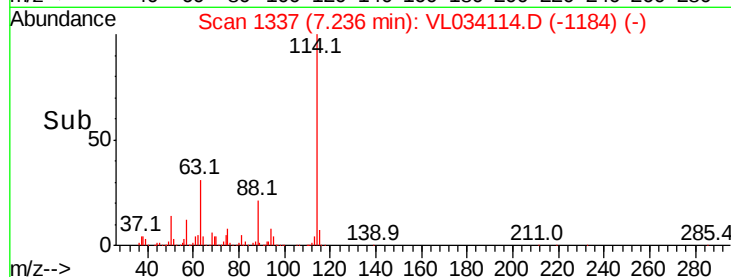
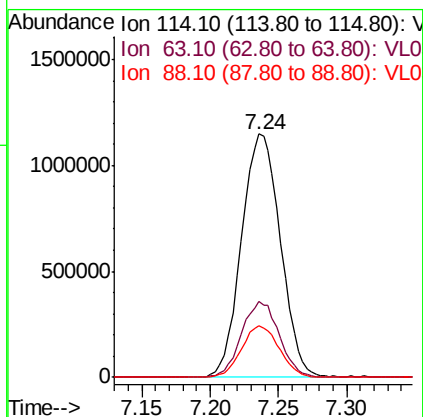
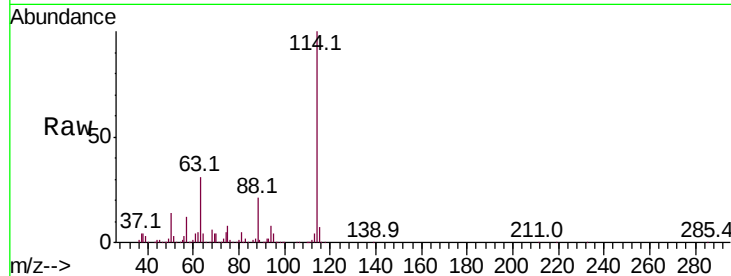
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: VL034114.D
 Acq: 12 Aug 2019 23:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI2DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	30.3	22.5	33.7
88	20.7	15.7	23.5

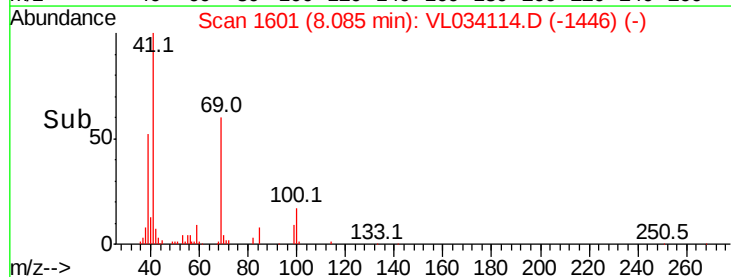
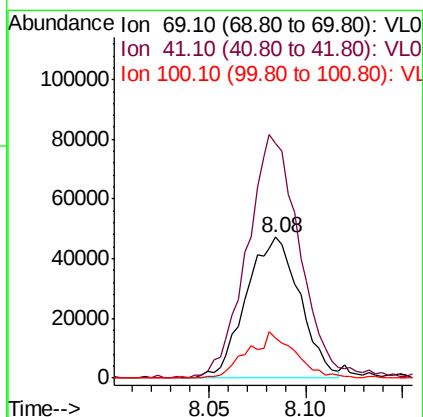
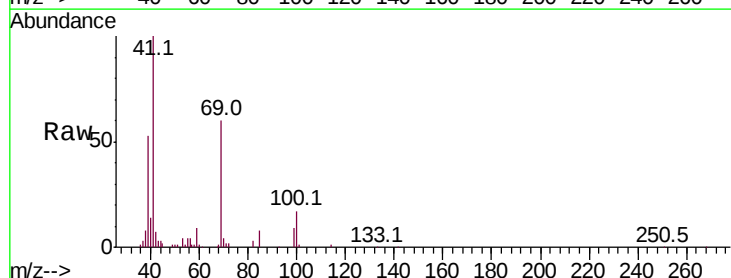
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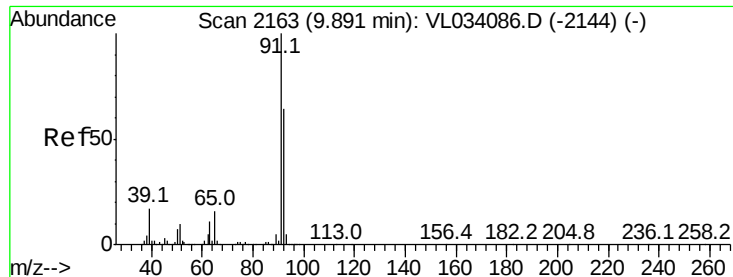
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#43
 Methyl Methacrylate
 Concen: 0.866 ppbv
 RT: 8.08 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: VL034114.D
 Acq: 12 Aug 2019 23:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	171.9	132.9	199.3
100	29.3	25.8	38.8





#53

Toluene

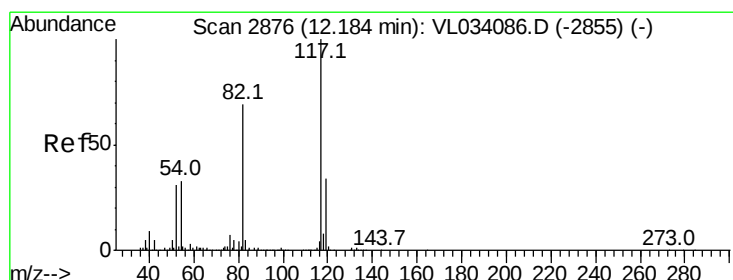
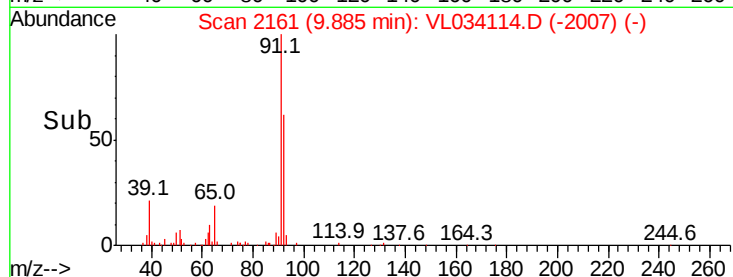
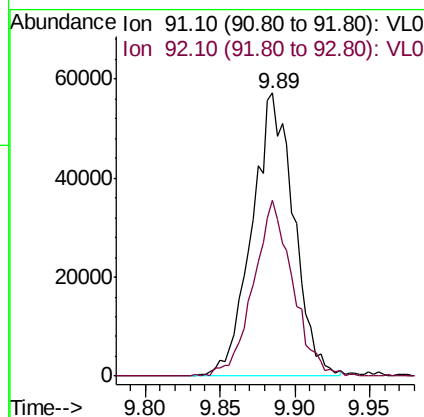
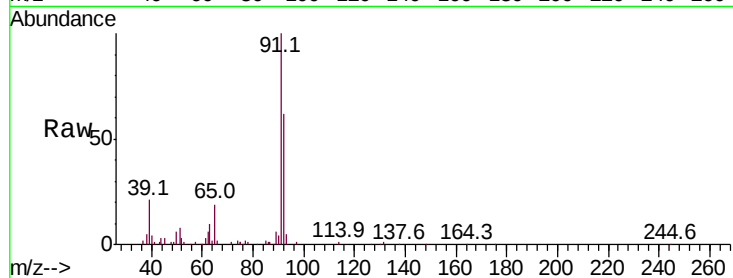
Concen: 0.373 ppbv m
 RT: 9.89 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: VL034114.D
 Acq: 12 Aug 2019 23:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI2DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	58.4	50.3	75.5

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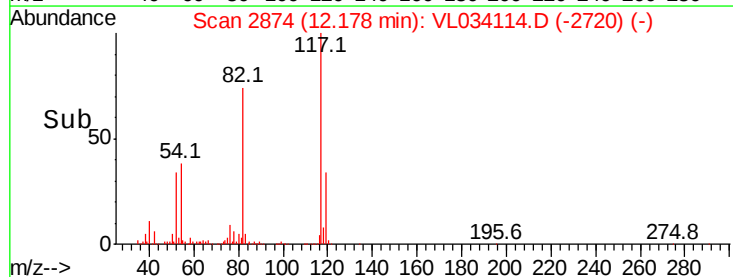
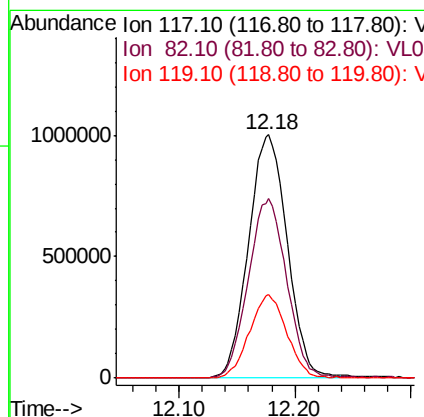
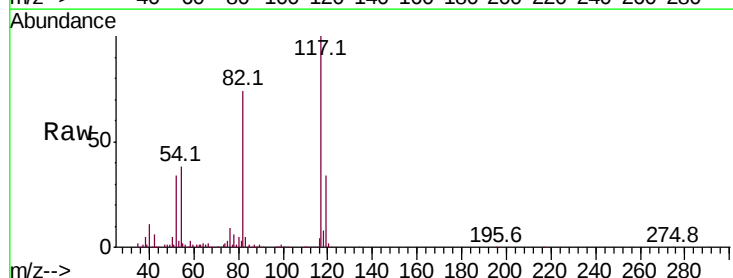


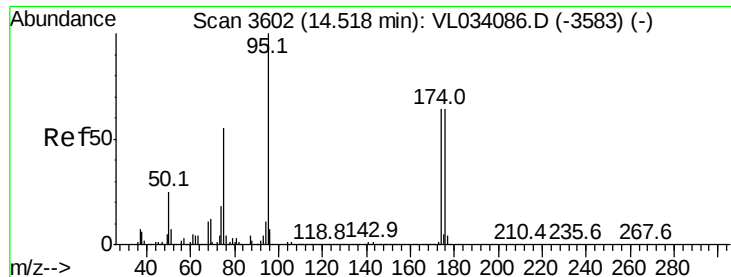
#55

Chlorobenzene-d5

Concen: 10.000 ppbv
 RT: 12.18 min Scan# 2874
 Delta R.T. -0.01 min
 Lab File: VL034114.D
 Acq: 12 Aug 2019 23:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.3	52.2	78.4
119	33.1	44.8	67.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.595 ppbv
 RT: 14.51 min Scan# 3600
 Delta R.T. -0.01 min
 Lab File: VL034114.D
 Acq: 12 Aug 2019 23:35

Instrument :
 MSVOA_L
 ClientSampleId :
 SRS-0807-VI2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	62.1	53.0	79.6
175	4.2	4.2	6.2

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