

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060221\
 Data File : VL037113.D
 Acq On : 2 Jun 2021 22:53
 Operator : SY/AP
 Sample : M2548-13DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-2ADL

Manual Integrations
 APPROVED

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 6/7/2021 3:01:16 PM

Quant Time: Jun 06 20:22:41 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1358072	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4020512	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3608405	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2664752	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	64037m	5.387	ppbv	
15) Acetone	3.84	43	283664	2.039	ppbv #	82
20) Methylene Chloride	4.33	84	265417	3.560	ppbv	99

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

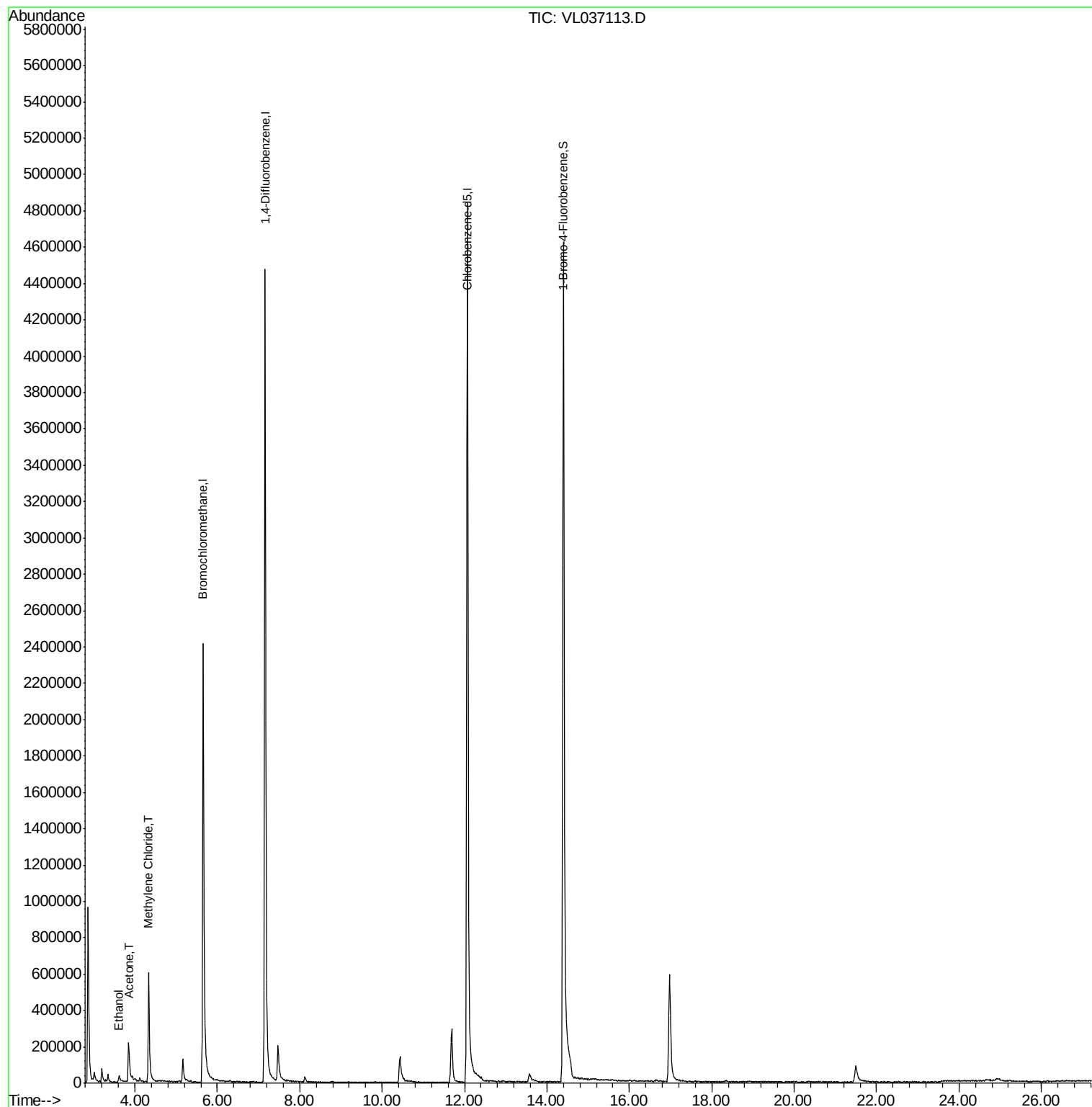
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060221\
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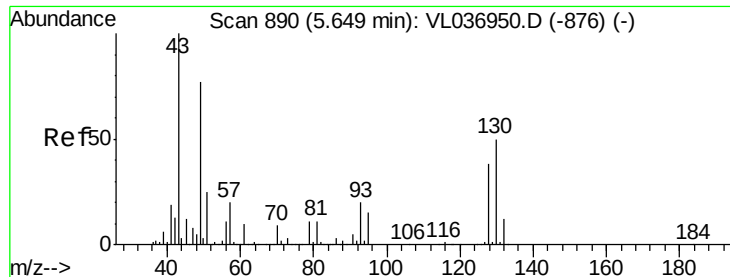
Instrument :
MSVOA_L
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Quant Time: Jun 06 20:22:41 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.01 min

Lab File: VL037113.D

Acq: 2 Jun 2021 22:53

Instrument :

MSVOA_L

ClientSampleId :

SGS-2ADL

Tot Ion: 49 Resp: 1358072

Ion Ratio Lower Upper

49 100

128 57.8 26.9 80.7

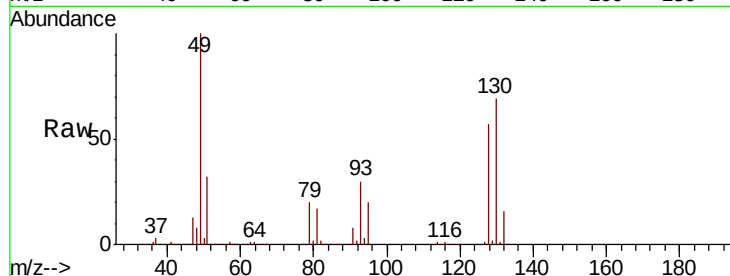
130 73.9 33.8 101.4

Manual Integrations

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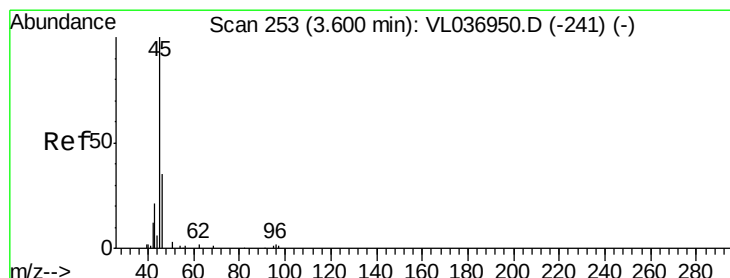
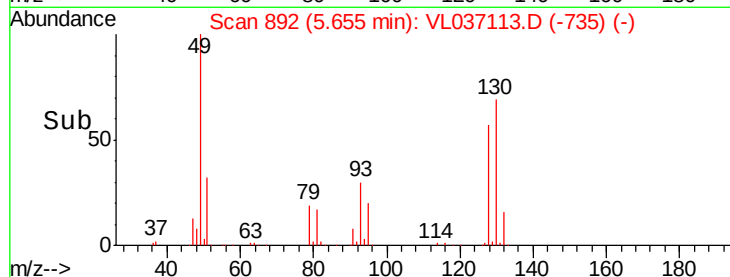
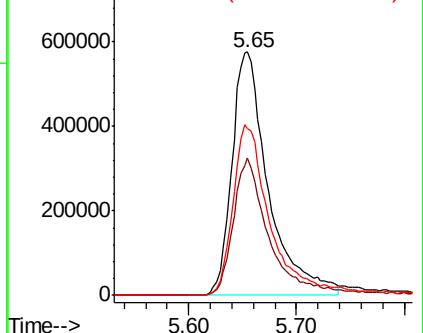
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 5.387 ppbv m

RT: 3.61 min Scan# 256

Delta R.T. 0.01 min

Lab File: VL037113.D

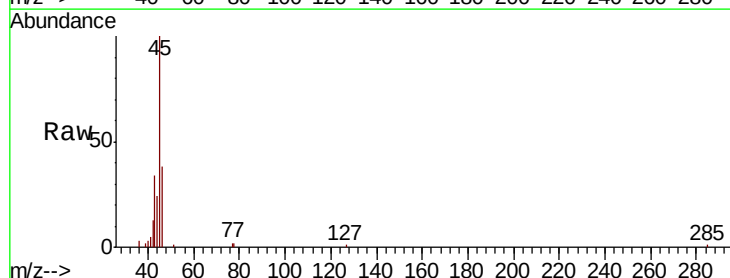
Acq: 2 Jun 2021 22:53

Tgt Ion: 45 Resp: 64037

Ion Ratio Lower Upper

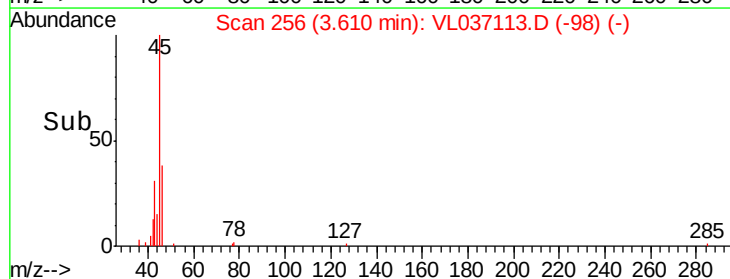
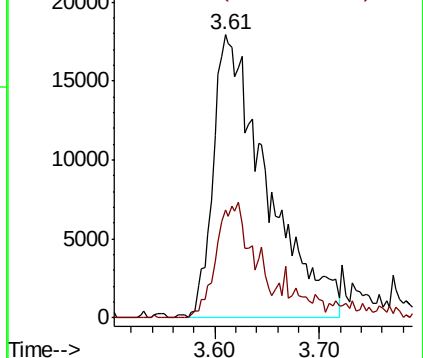
45 100

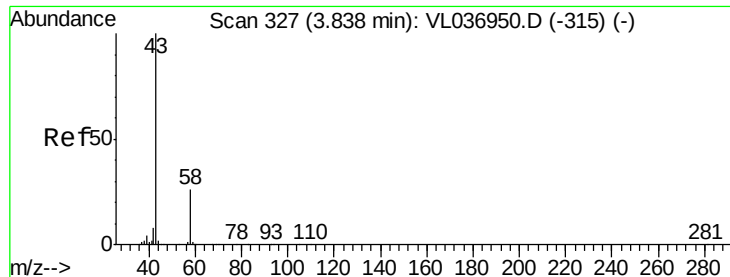
46 0.0 16.3 65.3#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 2.039 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL037113.D

Acq: 2 Jun 2021 22:53

Instrument :

MSVOA_L

ClientSampleId :

SGS-2ADL

Tot Ion: 43 Resp: 283664

Ion Ratio Lower Upper

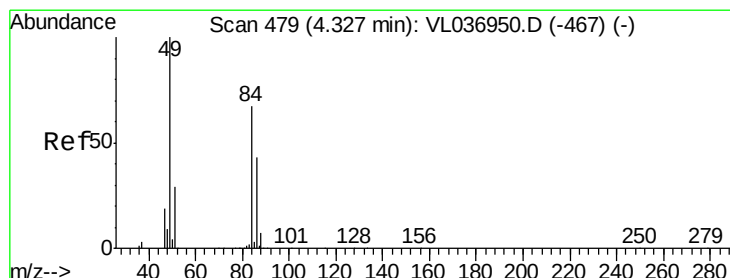
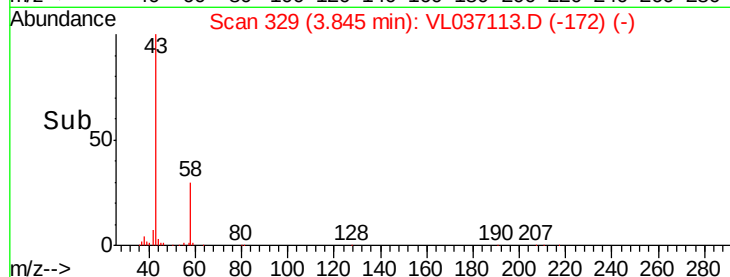
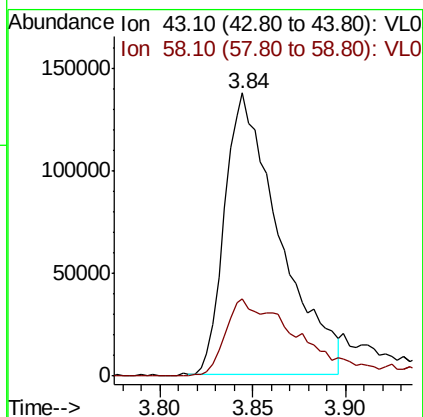
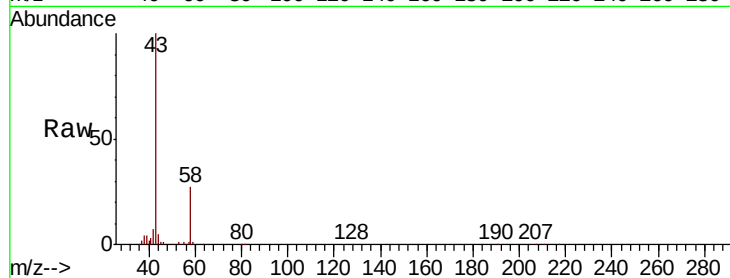
43 100

58 39.8 24.0 36.0#

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#20

Methylene Chloride

Concen: 3.560 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.01 min

Lab File: VL037113.D

Acq: 2 Jun 2021 22:53

Tgt Ion: 84 Resp: 265417

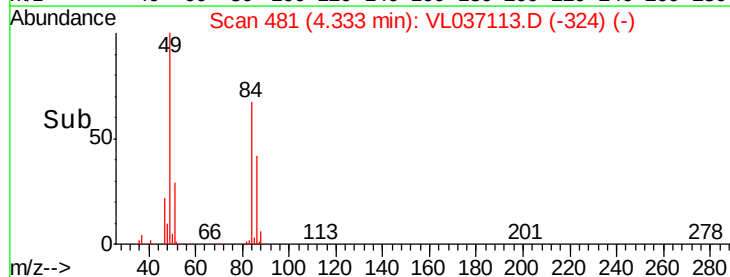
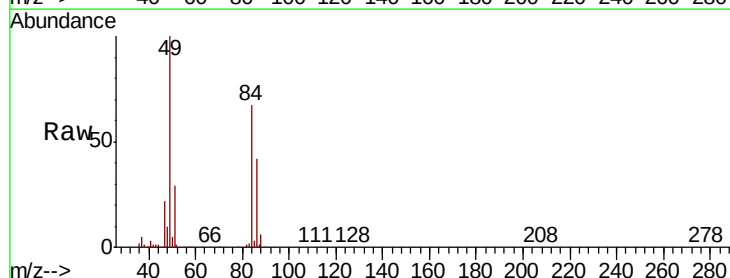
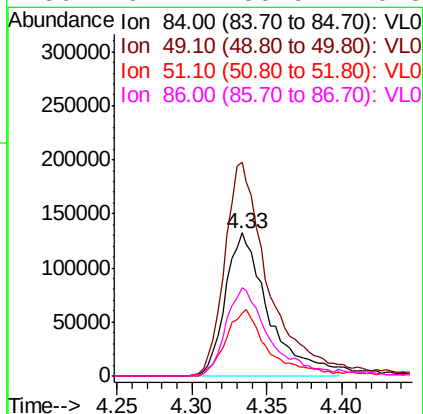
Ion Ratio Lower Upper

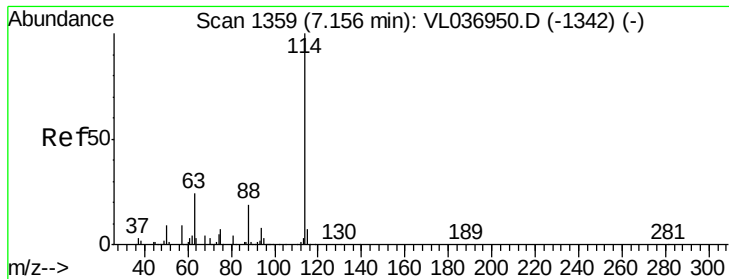
84 100

49 149.0 119.8 179.6

51 43.7 35.1 52.7

86 62.2 50.9 76.3





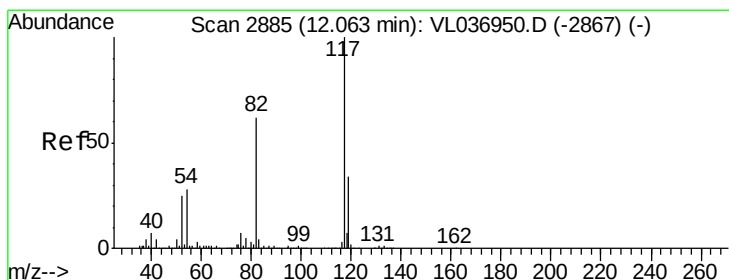
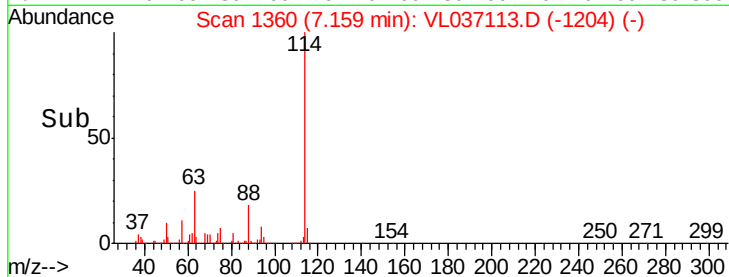
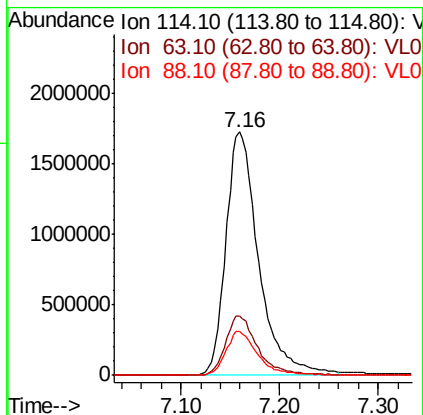
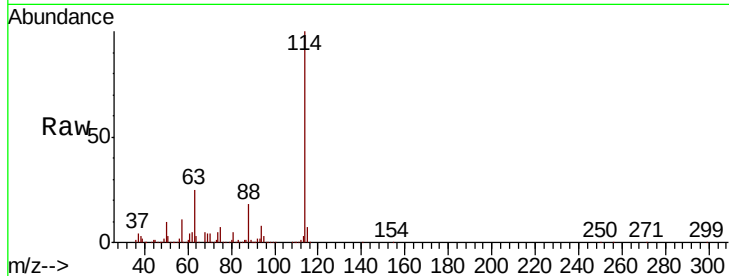
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VL037113.D
 Acq: 2 Jun 2021 22:53

Instrument :
 MSVOA_L
 ClientSampleId :
 SGS-2ADL

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.6	29.4
88	17.8	14.6	21.8

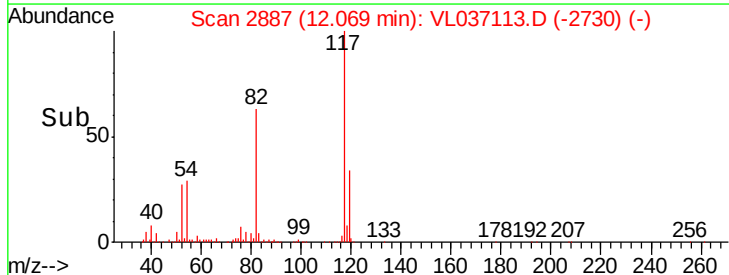
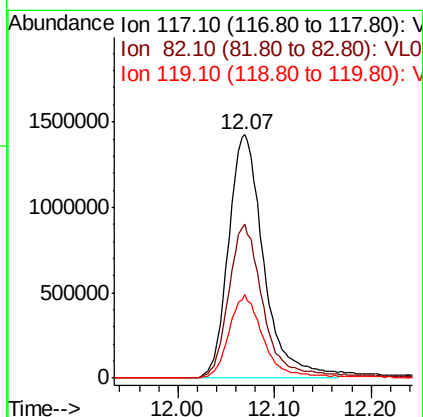
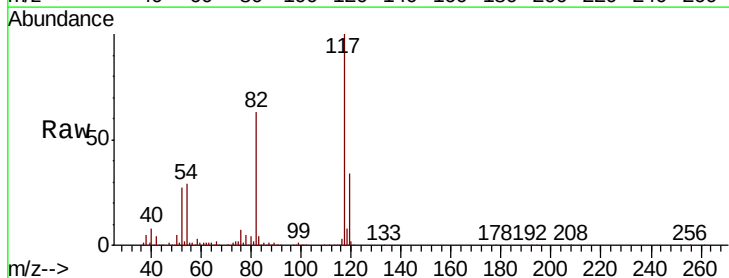
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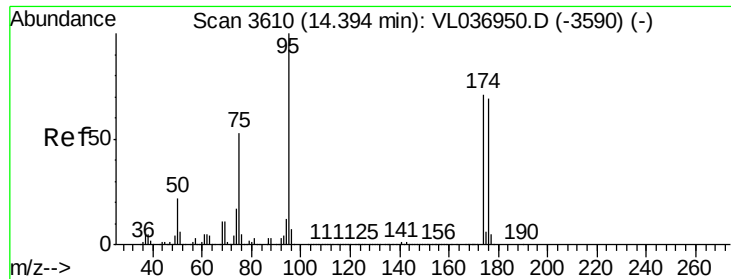
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T. 0.01 min
 Lab File: VL037113.D
 Acq: 2 Jun 2021 22:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.7	52.6	79.0
119	34.1	46.6	70.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.830 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. 0.01 min

Lab File: VL037113.D

Acq: 2 Jun 2021 22:53

Instrument :

MSVOA_L

ClientSampleId :

SGS-2ADL

Tot Ion: 95 Resp: 2664752

Ion Ratio Lower Upper

95 100

174 74.0 58.4 87.6

175 5.4 4.4 6.6

Manual Integrations

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