

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060121\
 Data File : VL037083.D
 Acq On : 1 Jun 2021 23:35
 Operator : SY/AP
 Sample : M2548-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-2DL

Manual Integrations
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Quant Time: Jun 06 21:24:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 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	1527784	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4431290	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3933982	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2917207	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	54425m	4.070	ppbv	
15) Acetone	3.84	43	251851	1.609	ppbv #	81
20) Methylene Chloride	4.33	84	93409	1.114	ppbv	85
26) Hexane	5.67	57	82260	0.428	ppbv #	46
53) Toluene	9.79	91	73431	0.162	ppbv	99

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

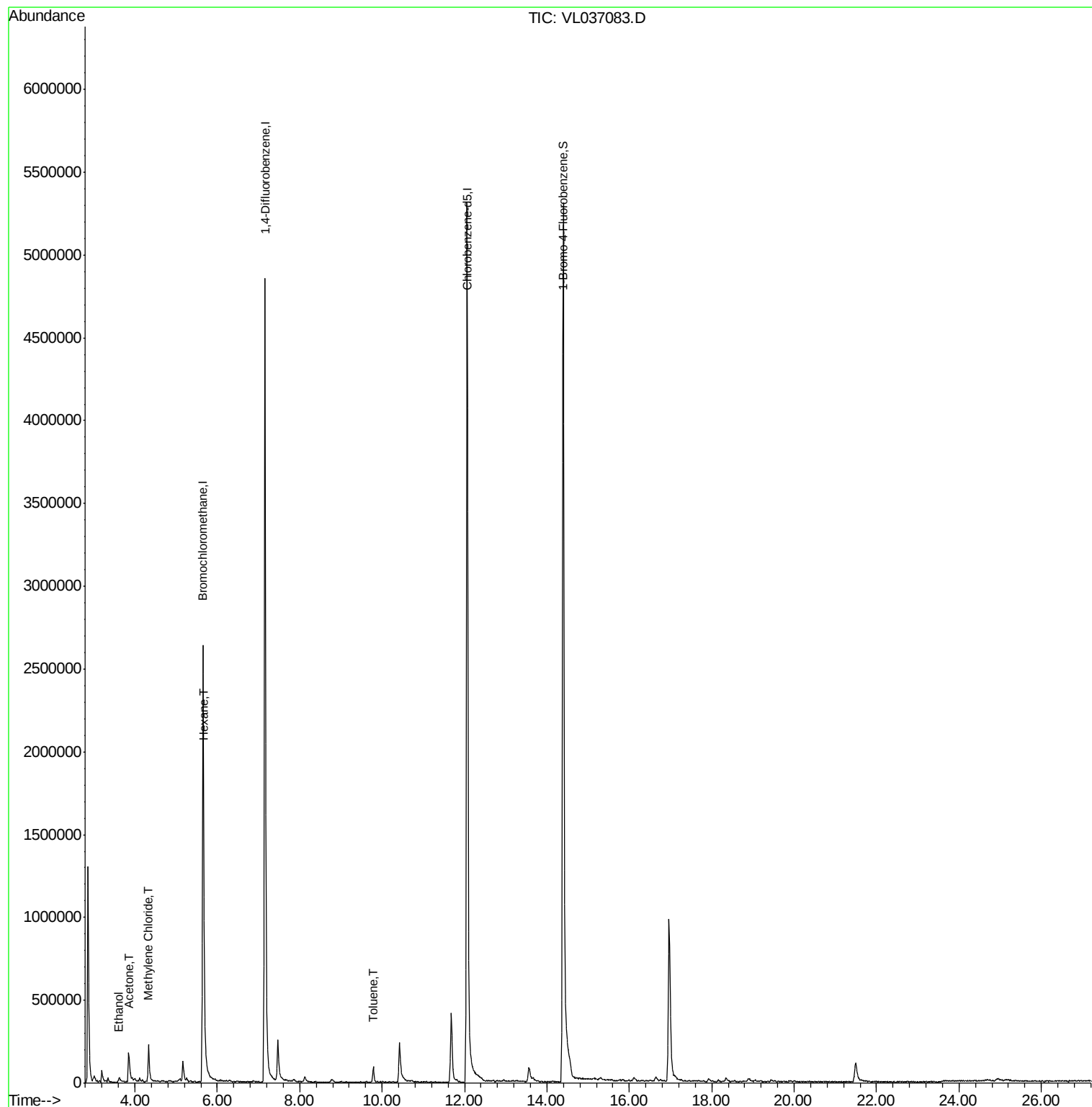
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL060121\
Data File : VL037083.D
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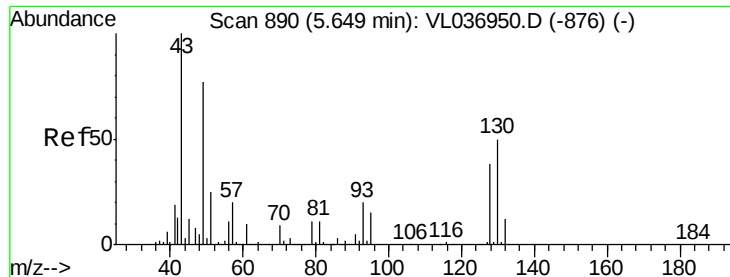
Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

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Quant Time: Jun 06 21:24:14 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# 890

Delta R.T. -0.00 min

Lab File: VL037083.D

Acq: 1 Jun 2021 23:35

Instrument :

MSVOA_L

ClientSampleId :

AA-2DL

Tot Ion: 49 Resp: 1527784

Ion Ratio Lower Upper

49 100

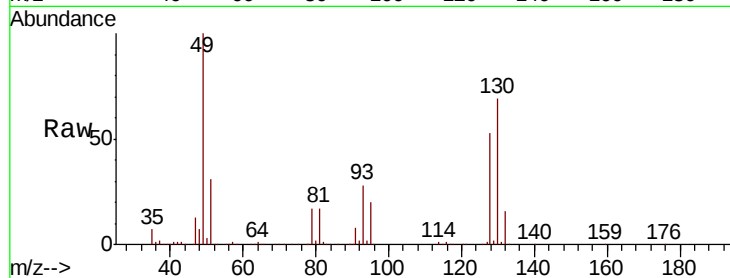
128 55.9 26.9 80.7

130 71.6 33.8 101.4

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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

800000

600000

400000

200000

0

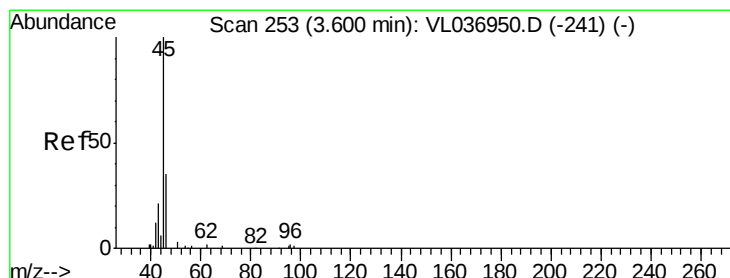
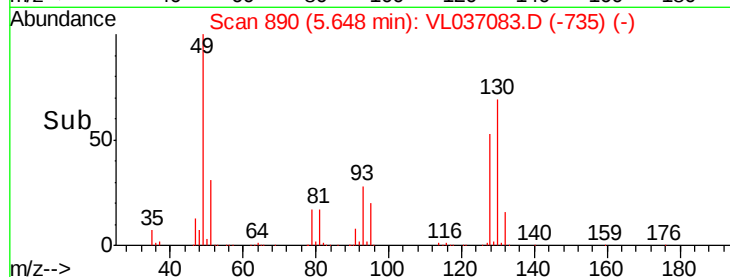
5.65

5.60

5.70

5.80

Time-->



#13

Ethanol

Concen: 4.070 ppbv m

RT: 3.62 min Scan# 258

Delta R.T. 0.02 min

Lab File: VL037083.D

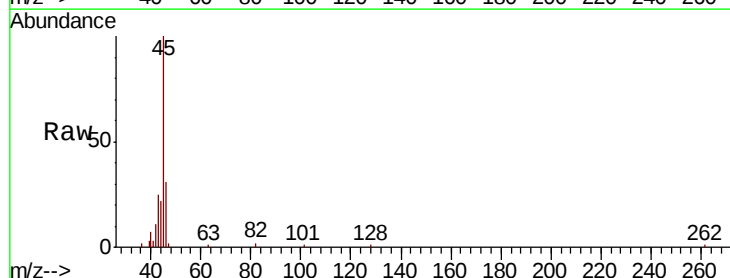
Acq: 1 Jun 2021 23:35

Tgt Ion: 45 Resp: 54425

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

20000

15000

10000

5000

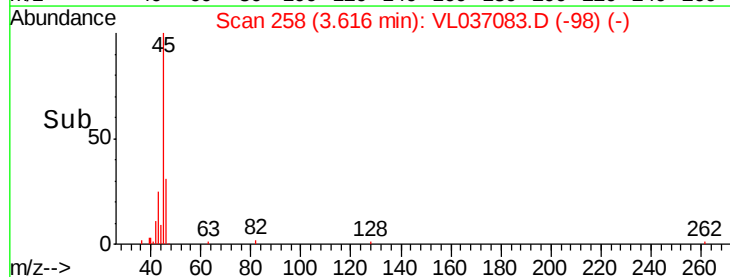
0

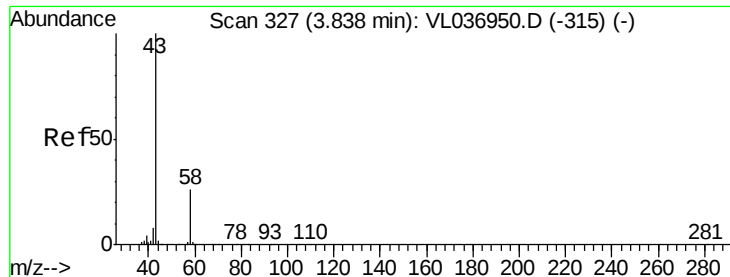
3.62

3.60

3.70

Time-->





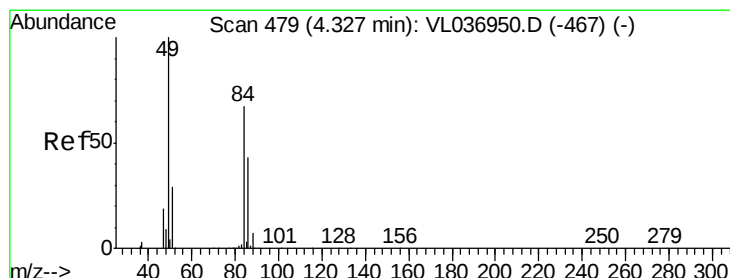
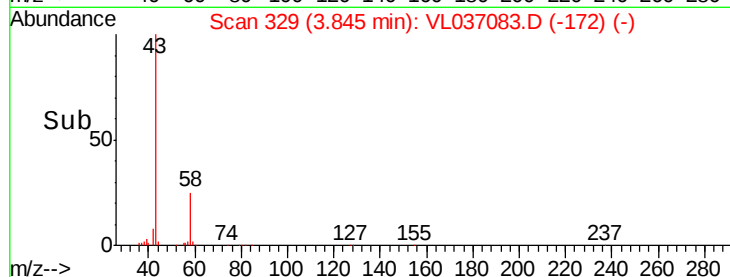
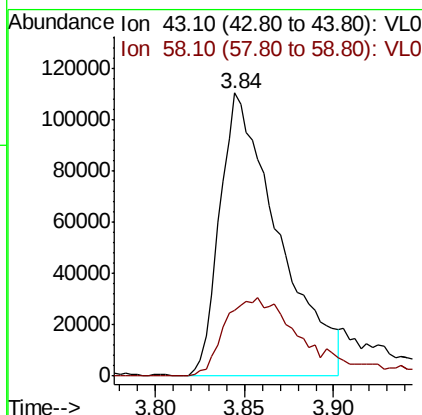
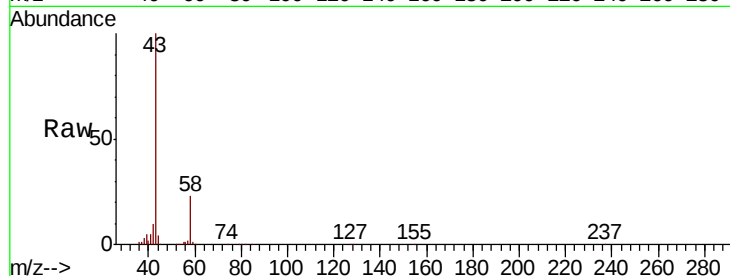
#15
Acetone
Concen: 1.609 ppbv
RT: 3.84 min Scan# 329
Delta R.T. 0.01 min
Lab File: VL037083.D
Acq: 1 Jun 2021 23:35

Instrument :
MSVOA_L
ClientSampleId :
AA-2DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	24.0	36.0#

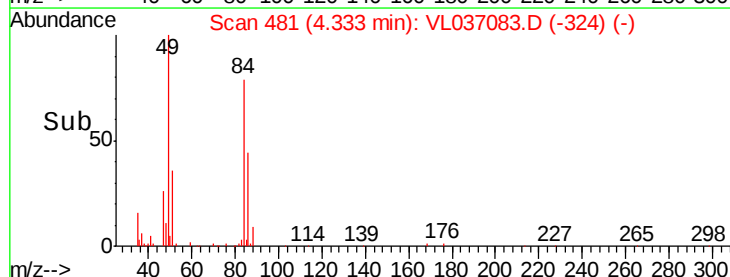
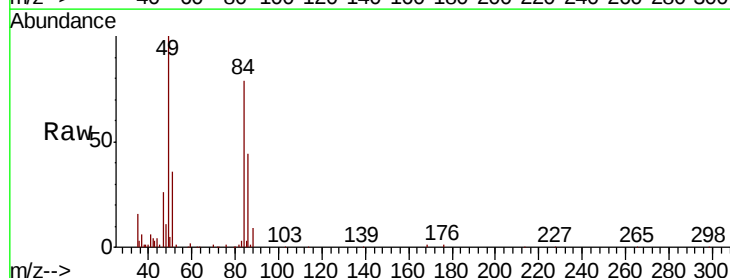
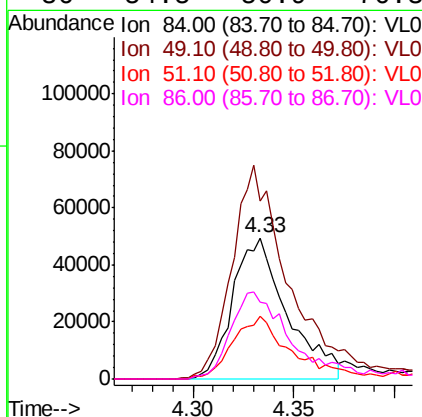
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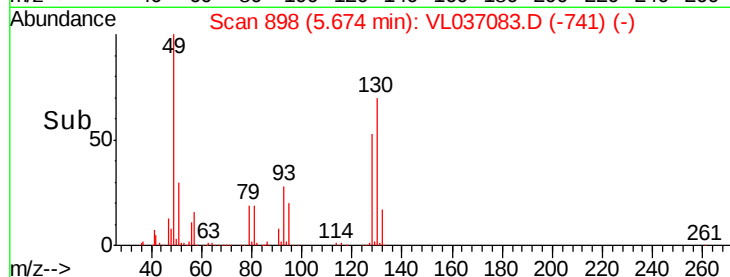
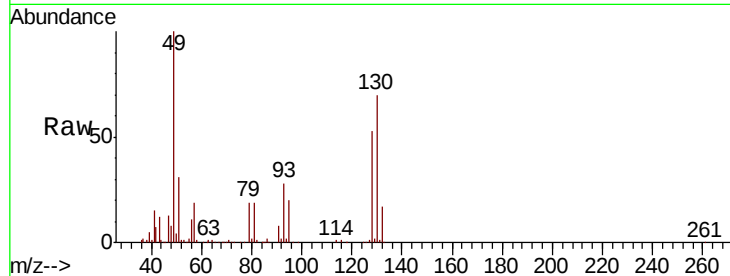
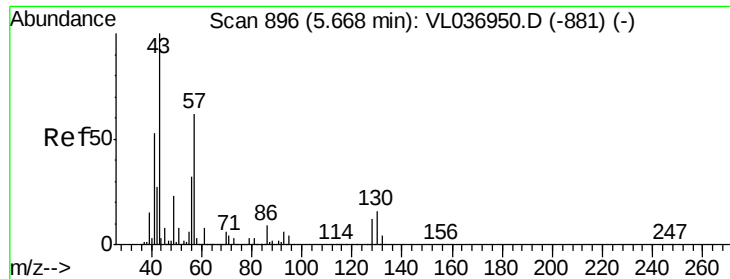
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#20
Methylene Chloride
Concen: 1.114 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.01 min
Lab File: VL037083.D
Acq: 1 Jun 2021 23:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	119.8	179.6
51	44.8	35.1	52.7
86	54.5	50.9	76.3





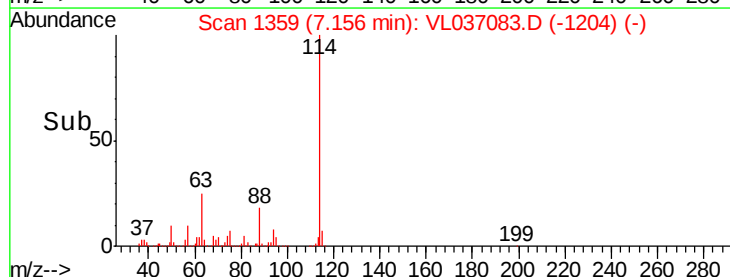
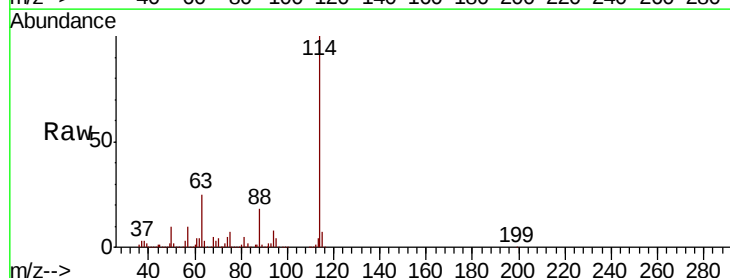
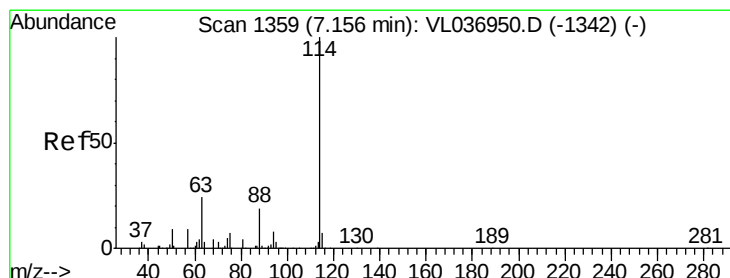
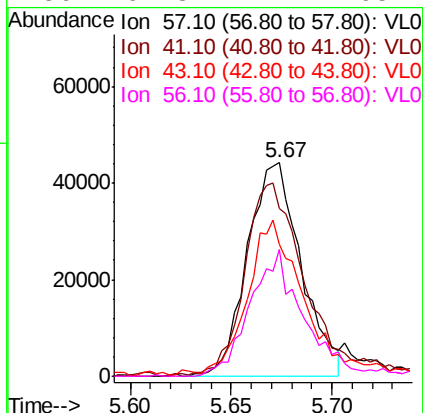
#26
Hexane
Concen: 0.428 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL037083.D
Acq: 1 Jun 2021 23:35

Tot Ion	Ion	Ratio	Lower	Upper
57	100			
41	104.7	70.5	105.7	
43	83.0	165.8	248.8	
56	61.3	42.2	63.4	

Instrument :
MSVOA_L
ClientSampled :
AA-2DL

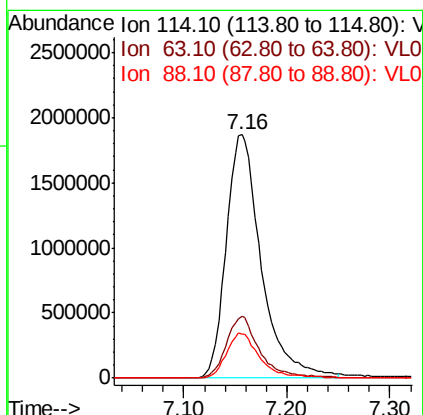
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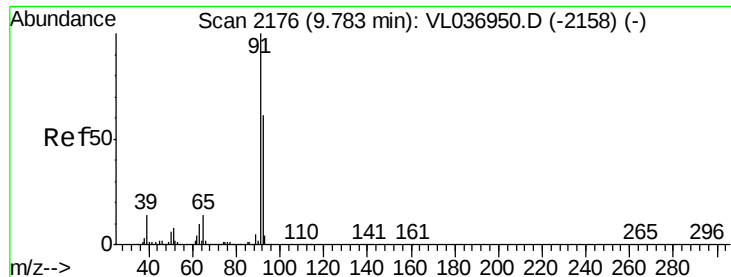
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL037083.D
Acq: 1 Jun 2021 23:35

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	24.2	19.6	29.4	
88	18.0	14.6	21.8	





#53

Toluene

Concen: 0.162 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: VL037083.D

Acq: 1 Jun 2021 23:35

Instrument :

MSVOA_L

ClientSampleId :

AA-2DL

Tot Ion: 91 Resp: 73431

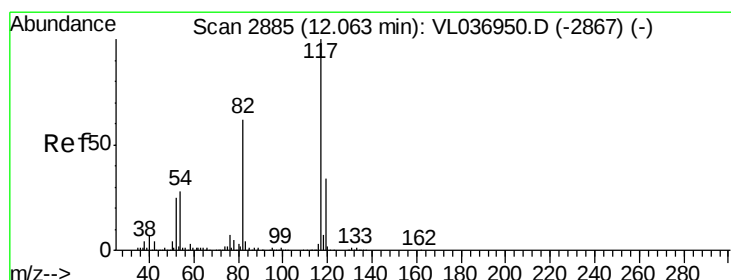
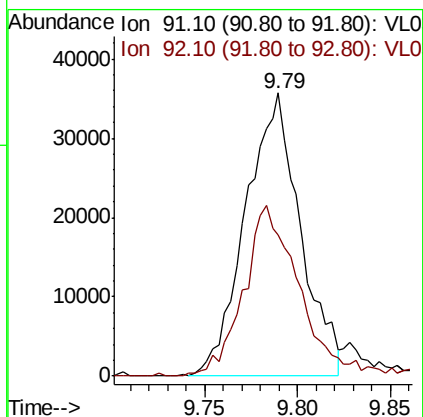
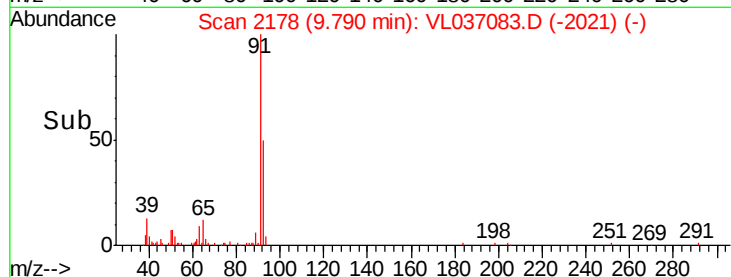
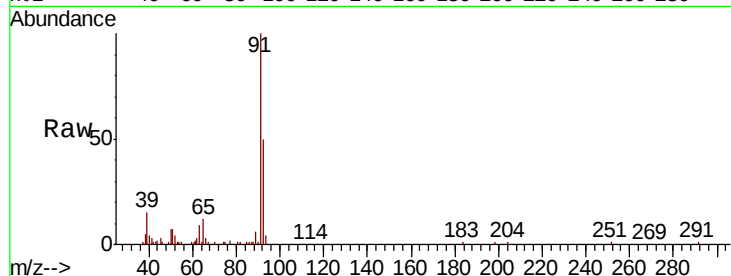
Ion Ratio Lower Upper

91 100

92 62.5 49.5 74.3

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.00 min

Lab File: VL037083.D

Acq: 1 Jun 2021 23:35

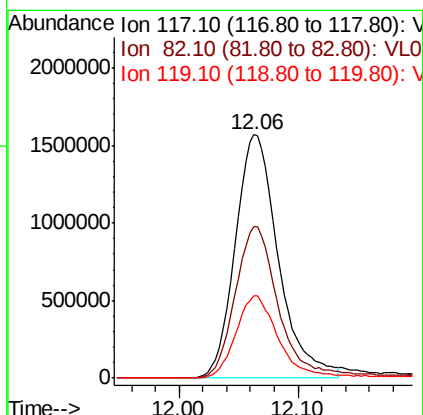
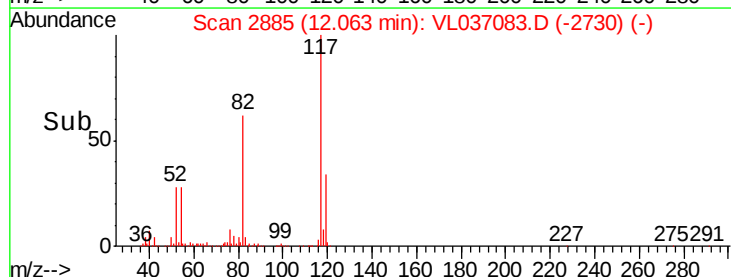
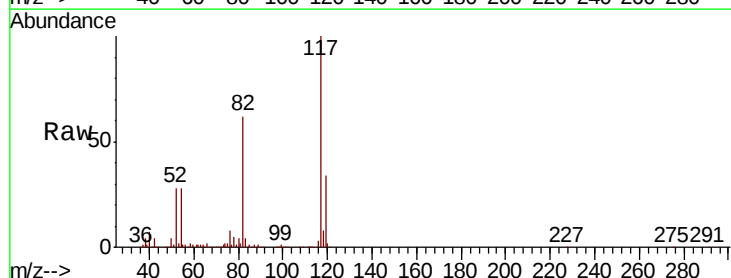
Tgt Ion: 117 Resp: 3933982

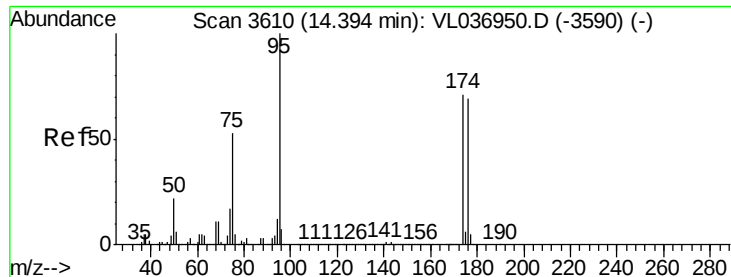
Ion Ratio Lower Upper

117 100

82 65.0 52.6 79.0

119 35.0 46.6 70.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.871 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VL037083.D
 Acq: 1 Jun 2021 23:35

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-2DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.3	58.4	87.6
175	5.6	4.4	6.6

Manual Integrations
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