

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037809.D
 Acq On : 7 Oct 2021 23:40
 Operator : SY/AP
 Sample : M4079-14DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P08DL

Manual Integrations
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Quant Time: Oct 08 11:08:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 0
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1345914	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4109344	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3509658	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2411868	9.83	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	15749m	0.166	ppbv	
13) Ethanol	3.61	45	29988m	3.854	ppbv	
15) Acetone	3.86	43	61599m	0.510	ppbv	
20) Methylene Chloride	4.33	84	37479m	0.614	ppbv	
26) Hexane	5.67	57	24176m	0.145	ppbv	
29) Chloroform	5.73	83	33866m	0.142	ppbv	
52) Tetrachloroethene	11.20	164	264743m	1.939	ppbv	

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

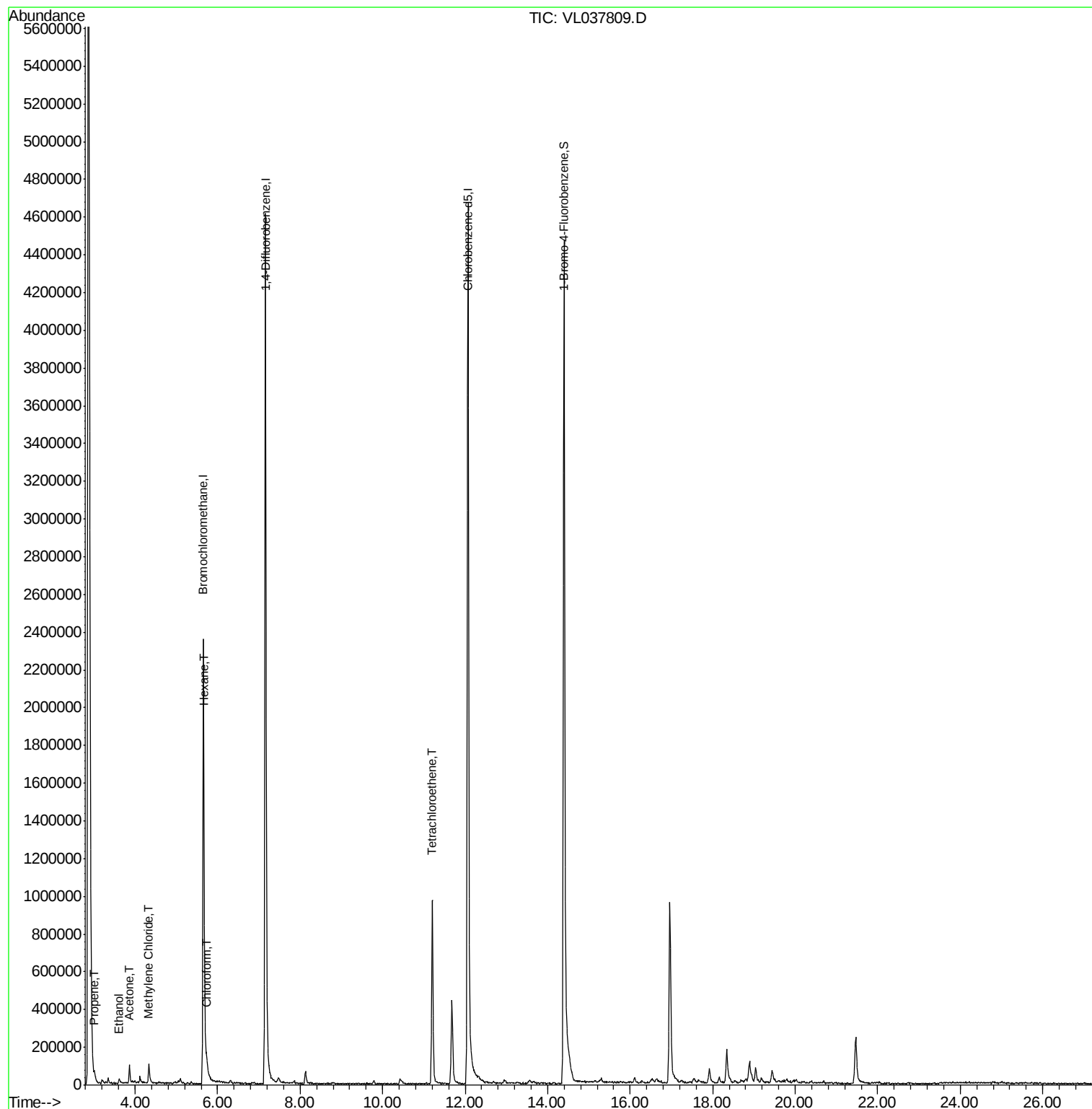
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037809.D
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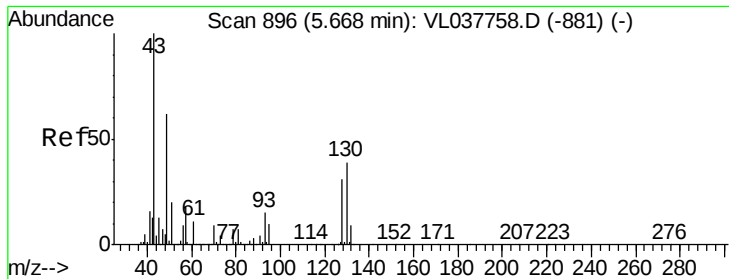
Instrument :
MSVOA_L
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
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QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

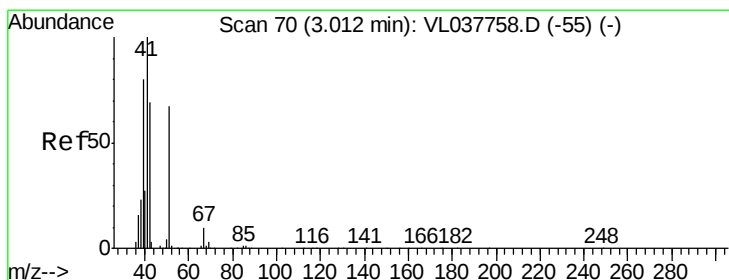
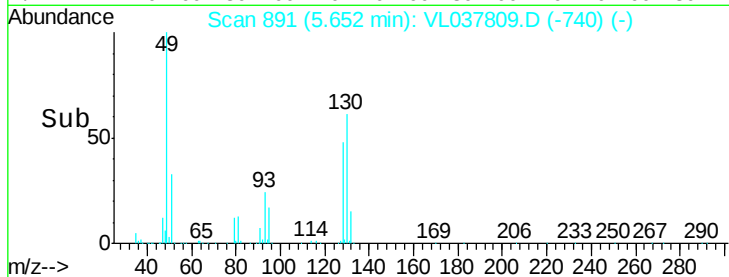
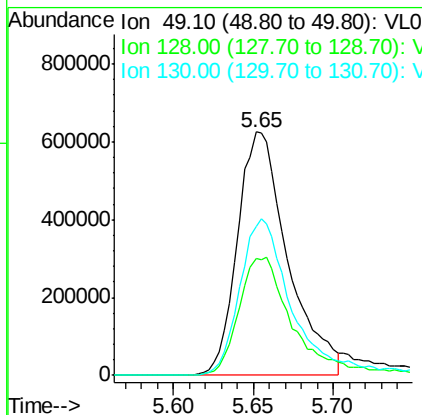
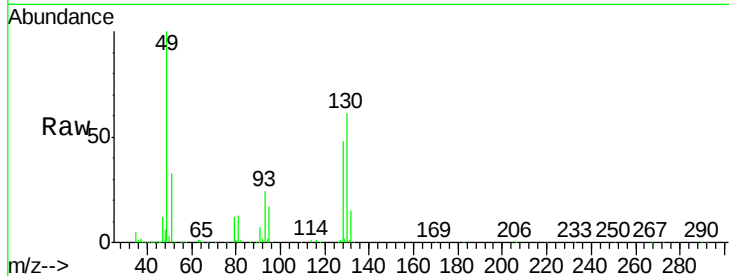
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: VL037809.D
 Acq: 7 Oct 2021 23:40

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P08DL

Tgt Ion	Ratio	Lower	Upper
49	100		
128	54.3	27.1	81.3
130	70.7	33.2	99.6

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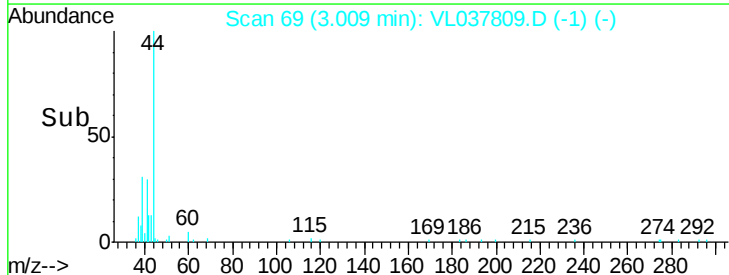
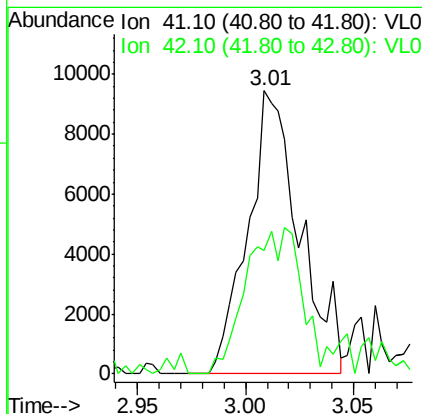
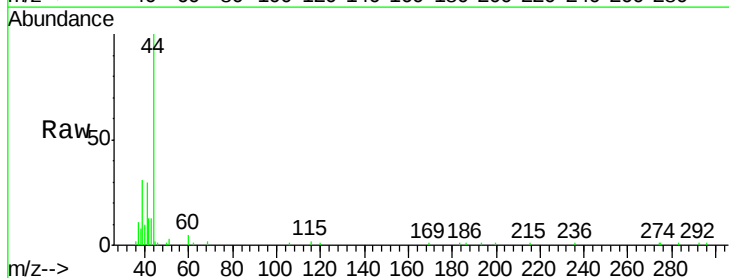
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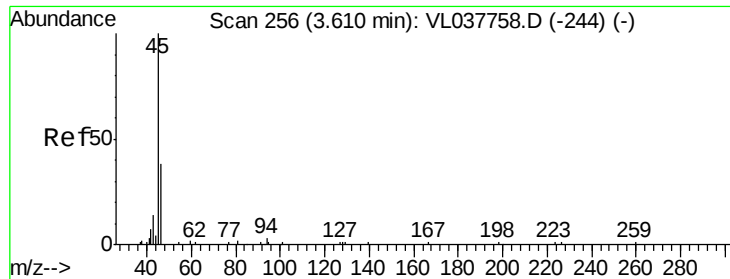


#9

Propene
 Concen: 0.166 ppbv m
 RT: 3.01 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: VL037809.D
 Acq: 7 Oct 2021 23:40

Tgt Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#





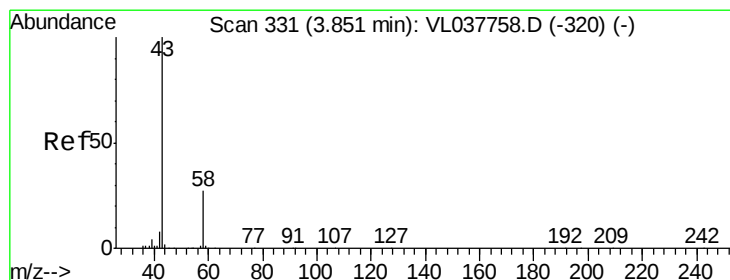
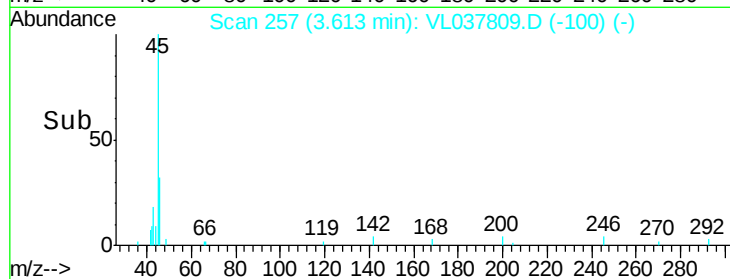
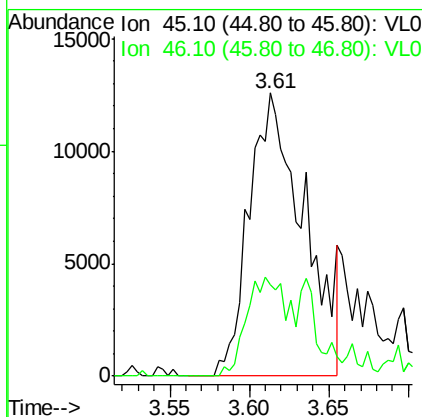
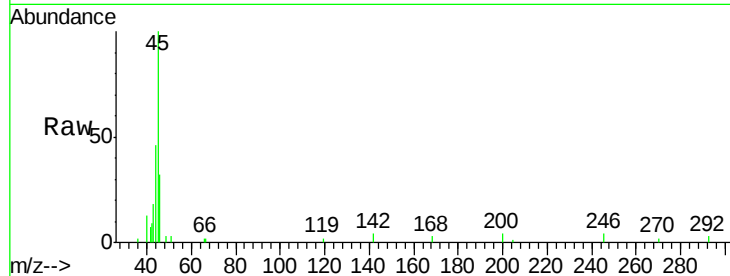
#13
Ethanol
Concen: 3.854 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL037809.D
Acq: 7 Oct 2021 23:40

Instrument :
MSVOA_L
ClientSampleId :
C0P08DL

Tgt Ion: 45 Resp: 29988
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#

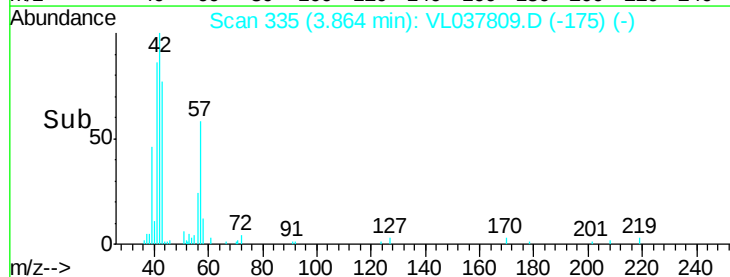
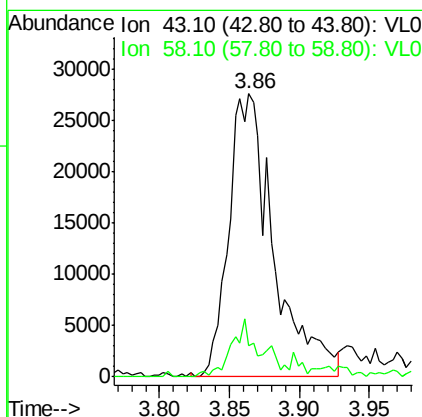
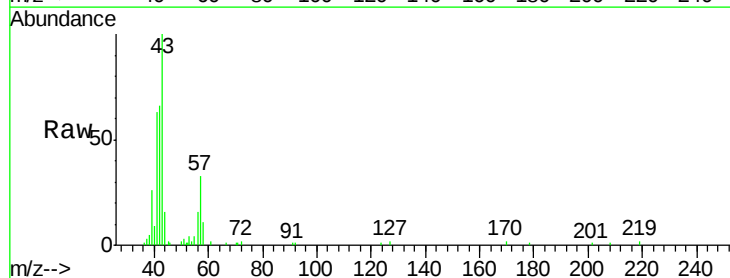
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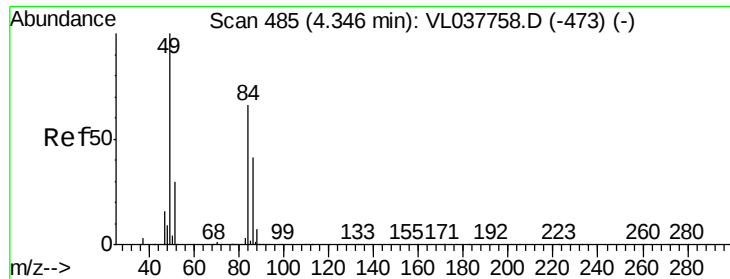
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#15
Acetone
Concen: 0.510 ppbv m
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL037809.D
Acq: 7 Oct 2021 23:40

Tgt Ion: 43 Resp: 61599
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#





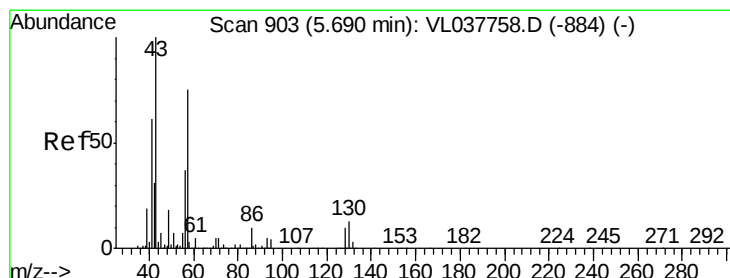
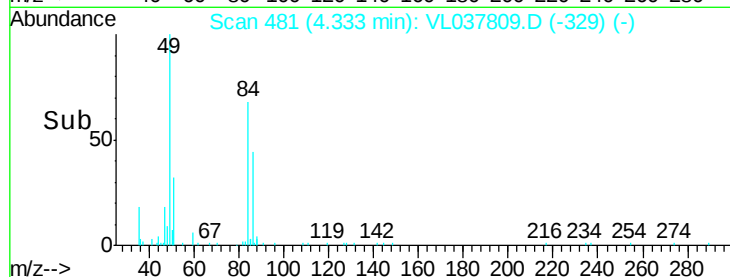
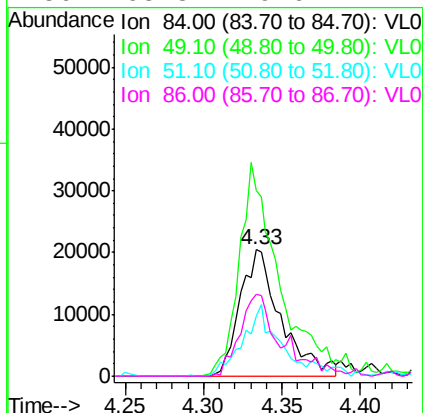
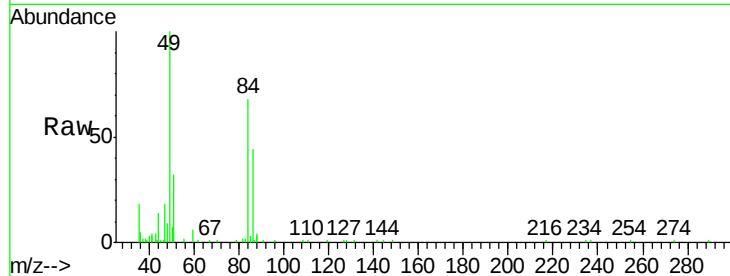
#20
Methylene Chloride
Concen: 0.614 ppbv m
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037809.D
Acq: 7 Oct 2021 23:40

Instrument :
MSVOA_L
ClientSampled :
C0P08DL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	146.9	120.7	181.1
51	47.7	36.2	54.4
86	65.3	49.6	74.4

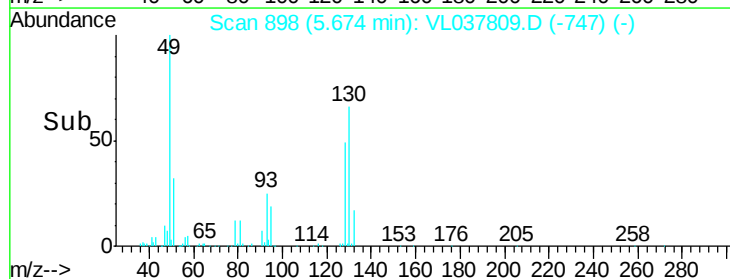
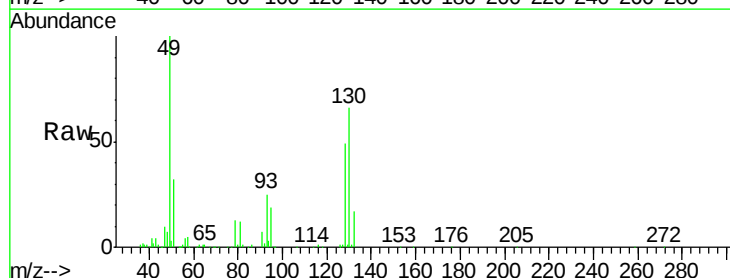
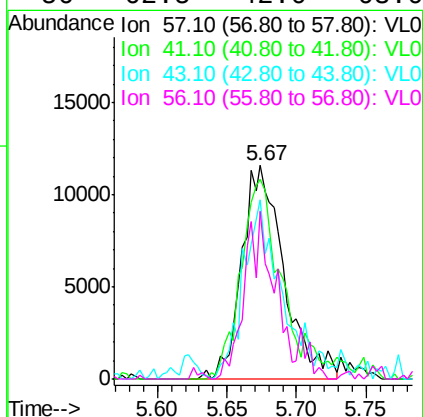
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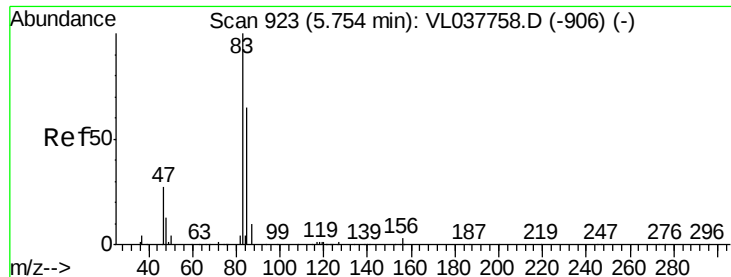
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#26
Hexane
Concen: 0.145 ppbv m
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL037809.D
Acq: 7 Oct 2021 23:40

Tgt Ion	Ratio	Lower	Upper
57	100		
41	97.9	69.6	104.4
43	82.5	171.4	257.0#
56	62.5	42.0	63.0





#29

Chloroform

Concen: 0.142 ppbv m

RT: 5.73 min Scan# 916

Delta R.T. -0.02 min

Lab File: VL037809.D

Acq: 7 Oct 2021 23:40

Instrument :

MSVOA_L

ClientSampled :

C0P08DL

Tgt Ion: 83 Resp: 33866

Ion Ratio Lower Upper

83 100

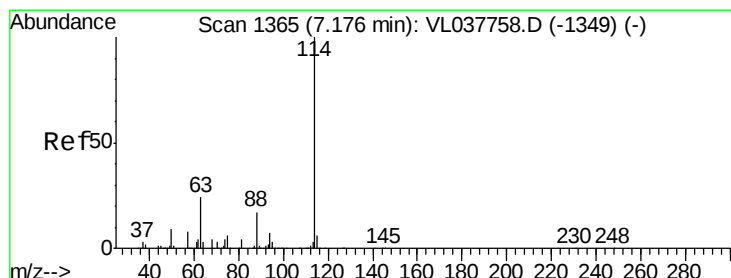
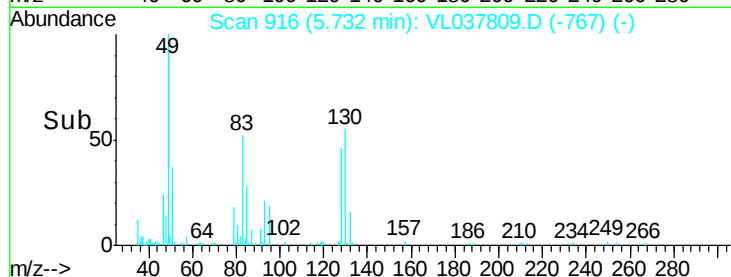
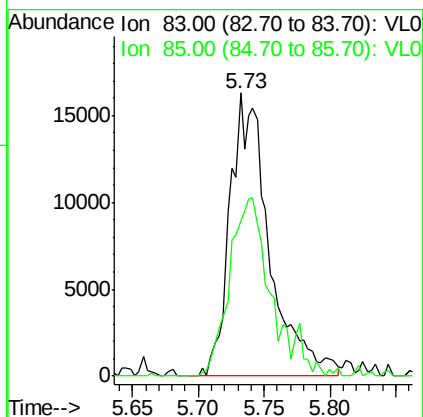
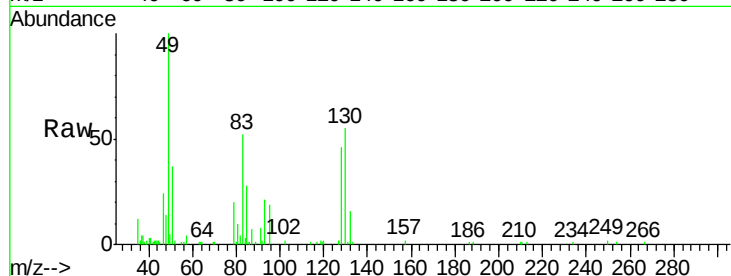
85 54.8 51.8 77.8

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.02 min

Lab File: VL037809.D

Acq: 7 Oct 2021 23:40

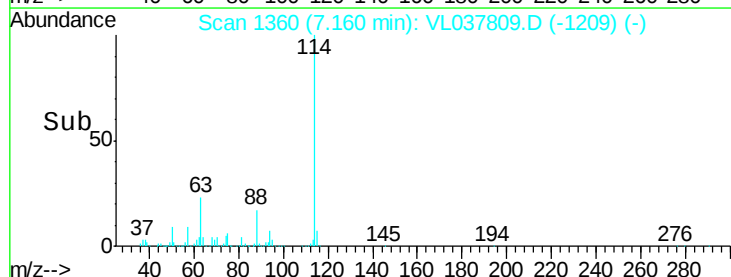
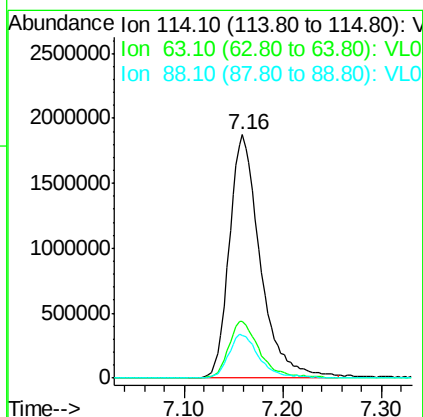
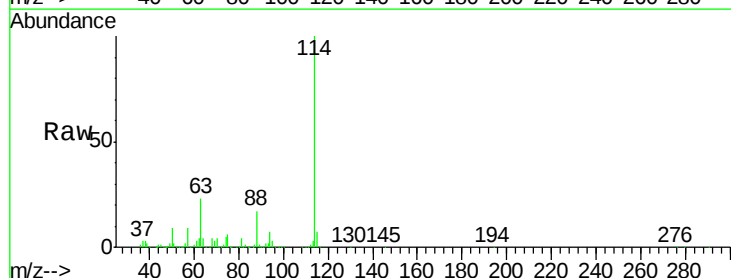
Tgt Ion: 114 Resp: 4109344

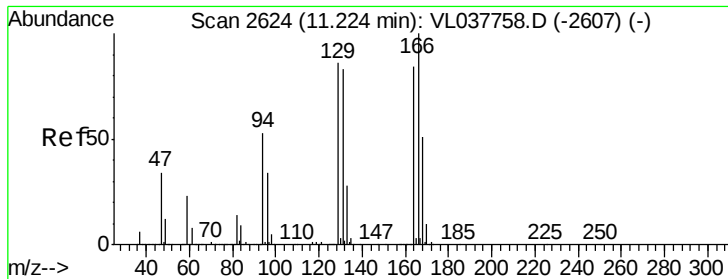
Ion Ratio Lower Upper

114 100

63 23.7 19.4 29.2

88 18.2 14.4 21.6





#52

Tetrachloroethene

Concen: 1.939 ppbv m

RT: 11.20 min Scan# 2618

Delta R.T. -0.02 min

Lab File: VL037809.D

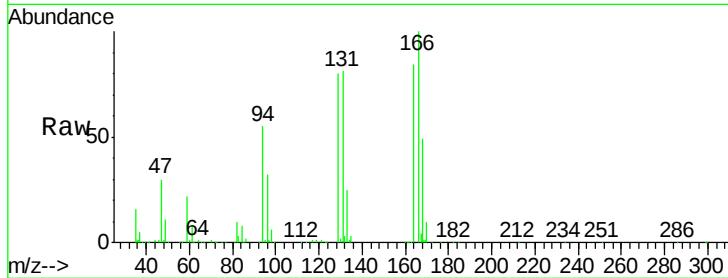
Acq: 7 Oct 2021 23:40

Instrument :

MSVOA_L

ClientSampled :

C0P08DL



Tgt Ion:164 Resp: 264743

Ion Ratio Lower Upper

164 100

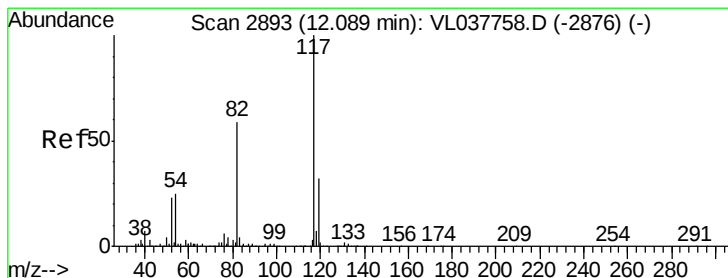
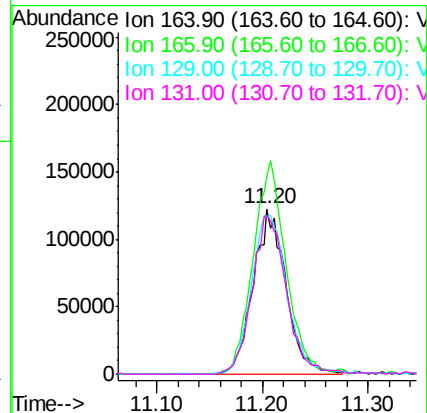
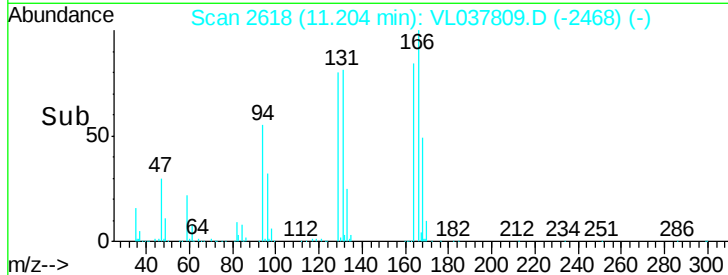
166 119.4 95.4 143.2

129 95.2 82.2 123.4

131 96.4 79.4 119.2

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2887

Delta R.T. -0.02 min

Lab File: VL037809.D

Acq: 7 Oct 2021 23:40

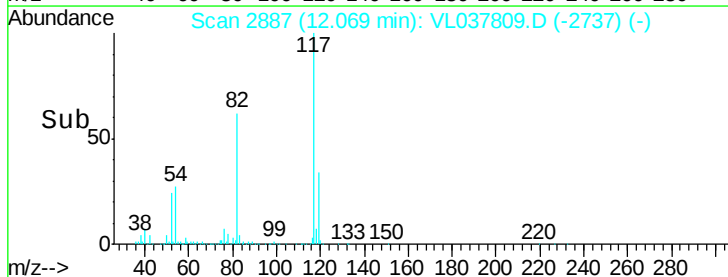
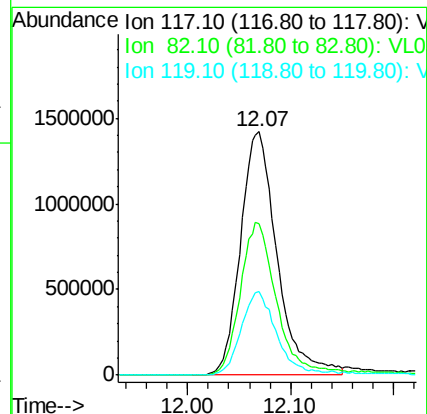
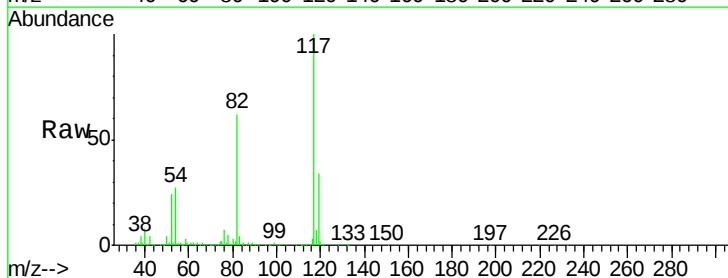
Tgt Ion:117 Resp: 3509658

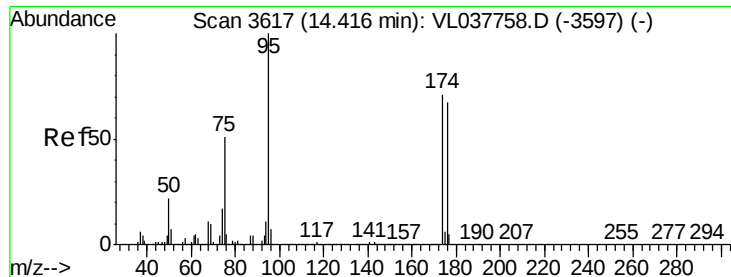
Ion Ratio Lower Upper

117 100

82 64.4 52.2 78.2

119 34.9 26.0 39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.827 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL037809.D
 Acq: 7 Oct 2021 23:40

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P08DL

Tgt Ion: 95 Resp: 2411868
 Ion Ratio Lower Upper
 95 100
 174 77.1 57.8 86.6
 175 5.9 4.7 7.1

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