

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037800.D
 Acq On : 7 Oct 2021 17:45
 Operator : SY/AP
 Sample : M4079-07DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P18DL

Manual Integrations
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Quant Time: Oct 08 10:42:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1476178	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	4216480	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3617896	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2541547	10.05	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	14603m	0.140	ppbv	
13) Ethanol	3.61	45	31285m	3.666	ppbv	
15) Acetone	3.86	43	129408	0.977	ppbv #	85
20) Methylene Chloride	4.34	84	61544	0.919	ppbv	92
26) Hexane	5.67	57	50819	0.278	ppbv #	42
29) Chloroform	5.74	83	441205	1.686	ppbv	99
52) Tetrachloroethene	11.21	164	17275m	0.123	ppbv	

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

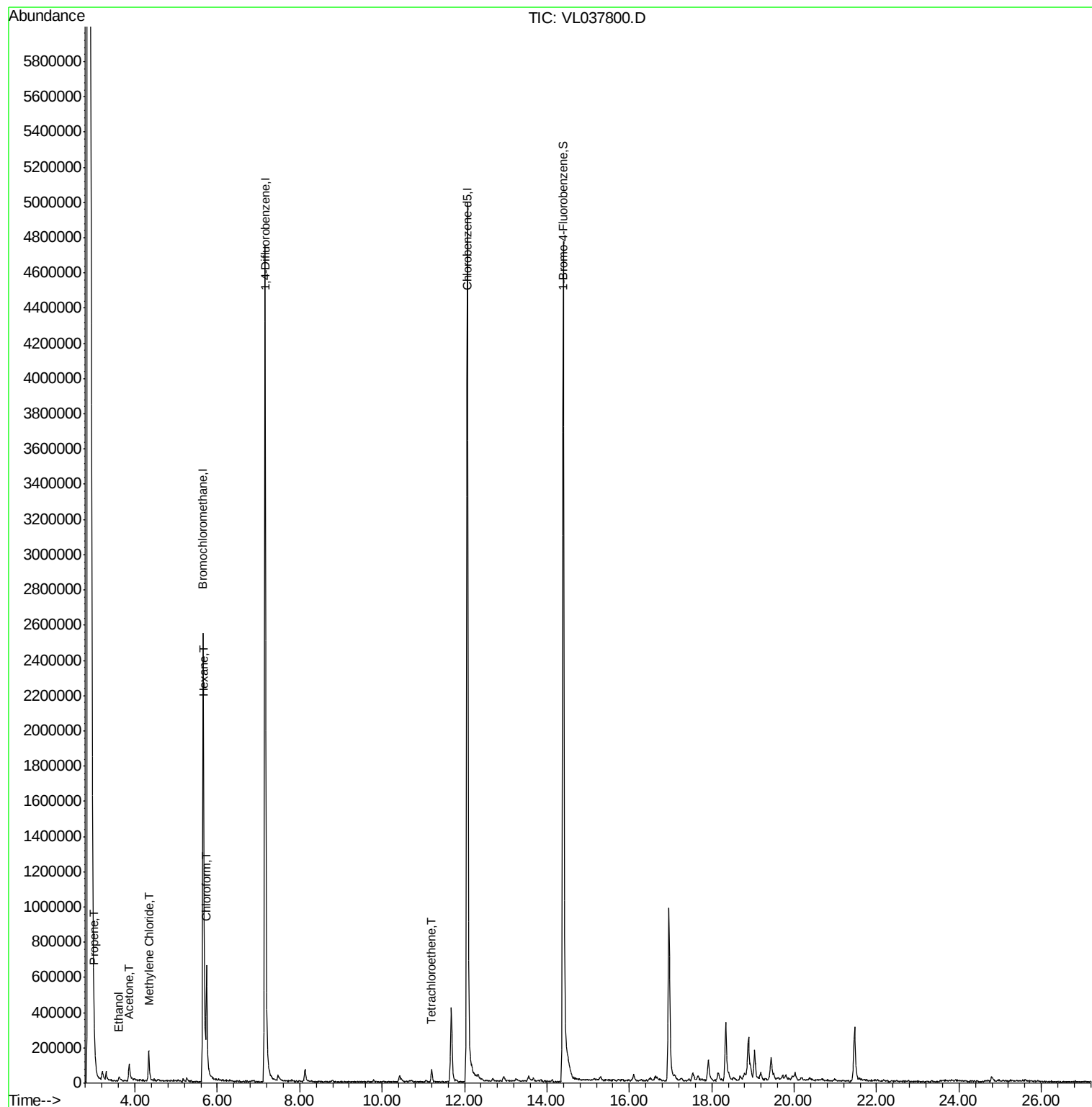
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037800.D
Acq On : 7 Oct 2021 17:45
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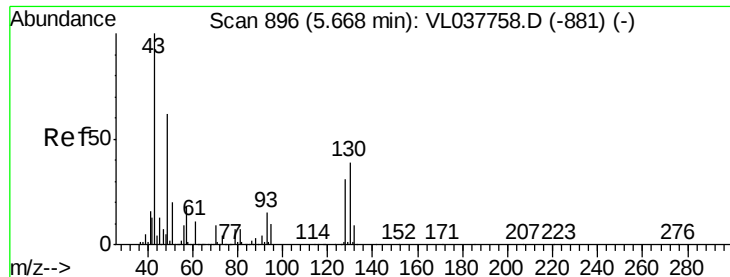
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Oct 08 10:42:35 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL037800.D

Acq: 7 Oct 2021 17:45

Instrument :

MSVOA_L

ClientSampleId :

C0P18DL

Tgt Ion: 49 Resp: 1476178

Ion Ratio Lower Upper

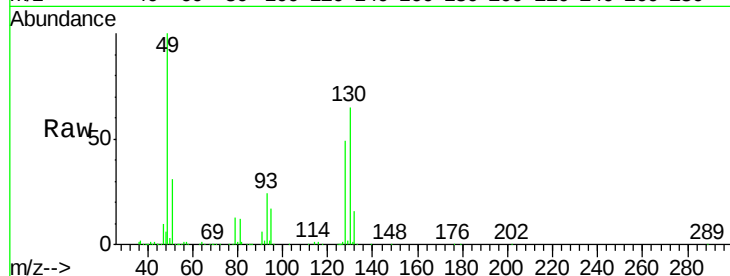
49 100

128 52.8 27.1 81.3

130 68.4 33.2 99.6

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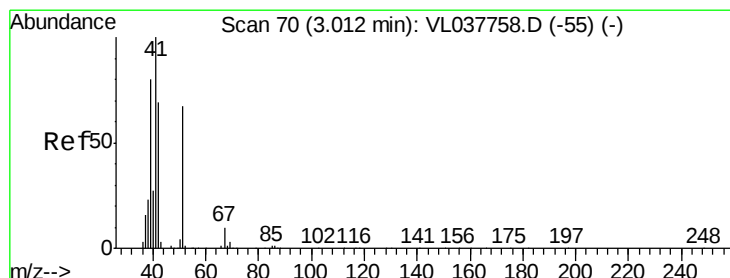
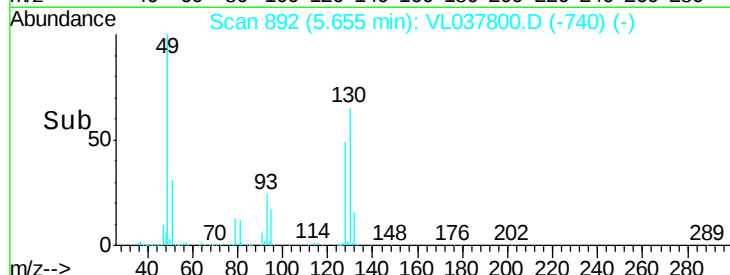
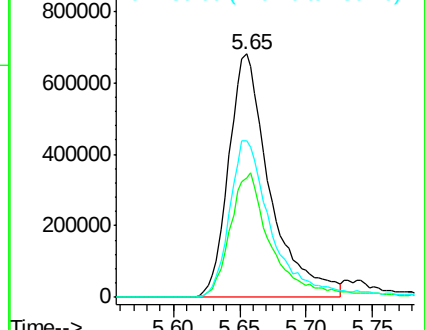
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.140 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.00 min

Lab File: VL037800.D

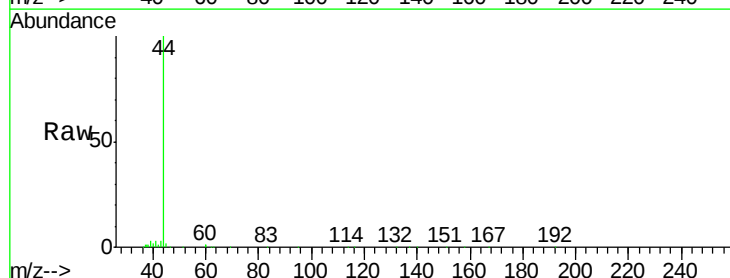
Acq: 7 Oct 2021 17:45

Tgt Ion: 41 Resp: 14603

Ion Ratio Lower Upper

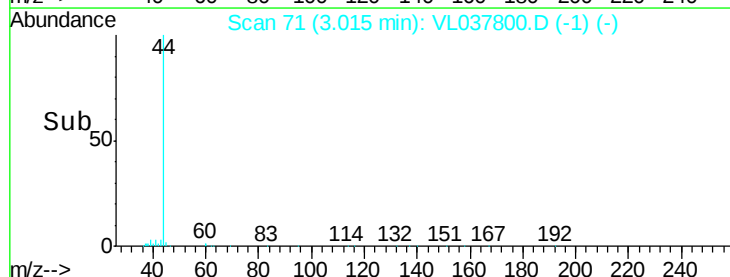
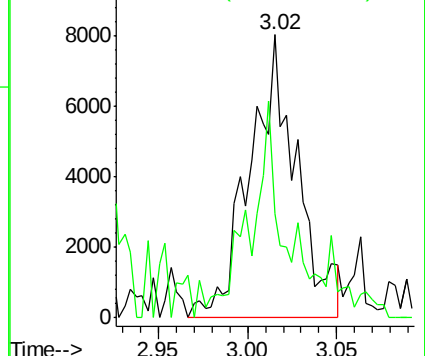
41 100

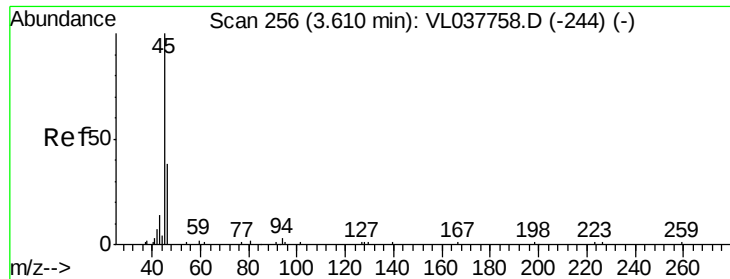
42 5.1 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





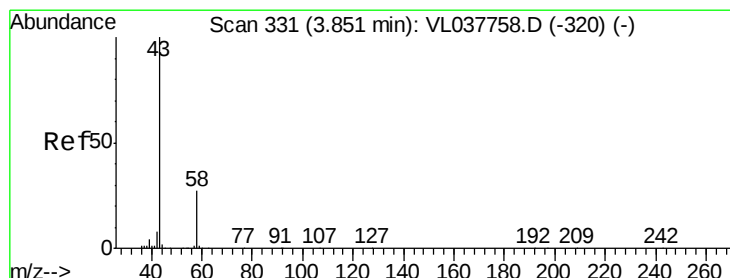
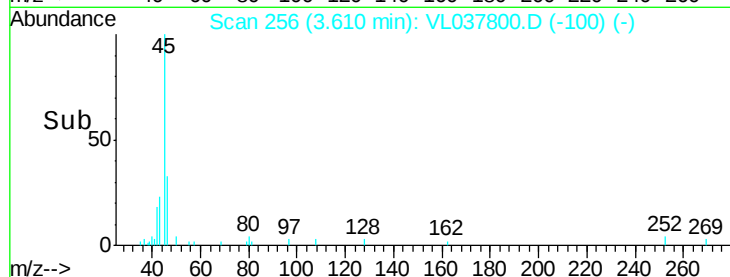
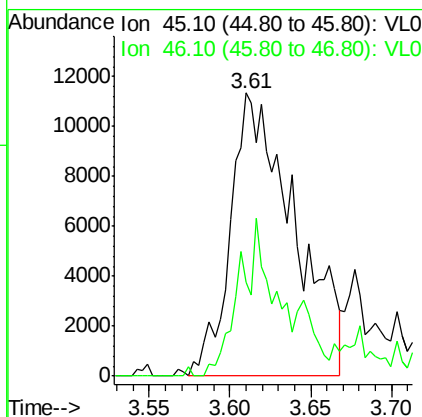
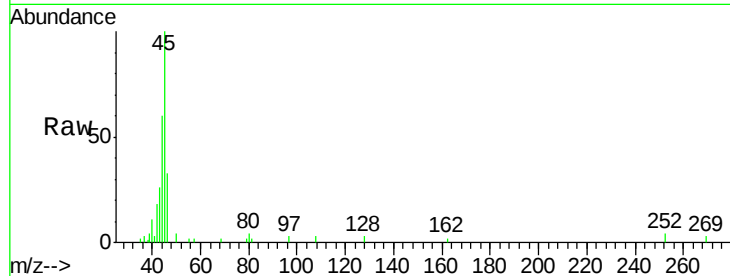
#13
Ethanol
Concen: 3.666 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Instrument :
MSVOA_L
ClientSampleId :
C0P18DL

Tgt Ion: 45 Resp: 31285
Ion Ratio Lower Upper
45 100
46 0.0 20.2 81.0#

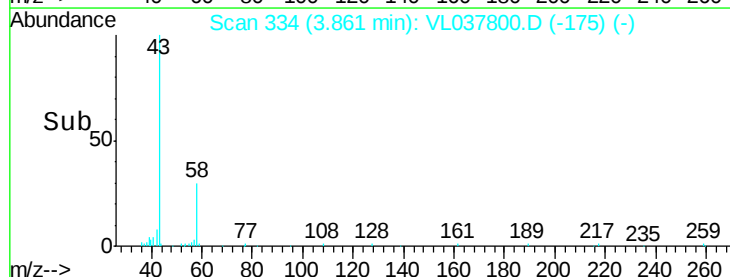
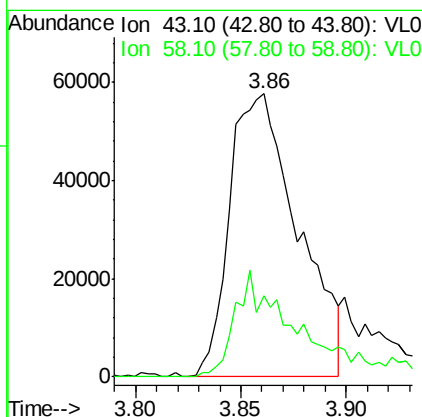
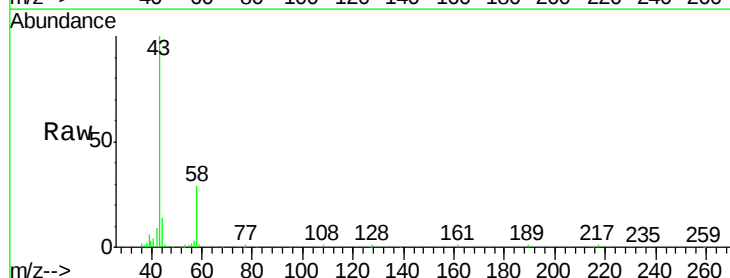
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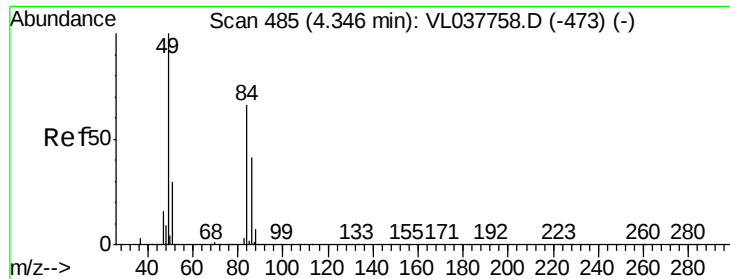
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#15
Acetone
Concen: 0.977 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Tgt Ion: 43 Resp: 129408
Ion Ratio Lower Upper
43 100
58 37.0 23.0 34.6#





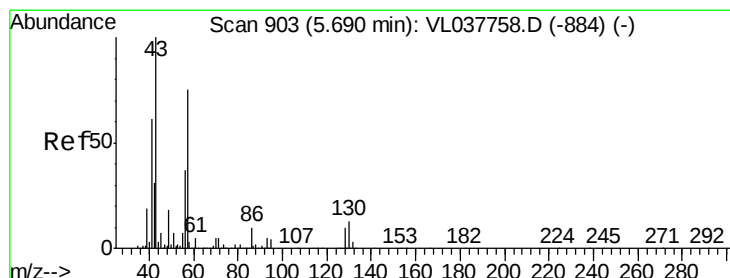
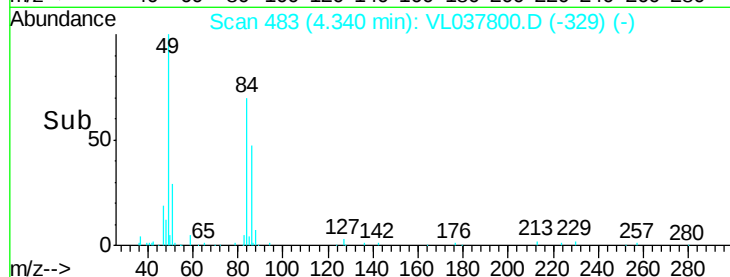
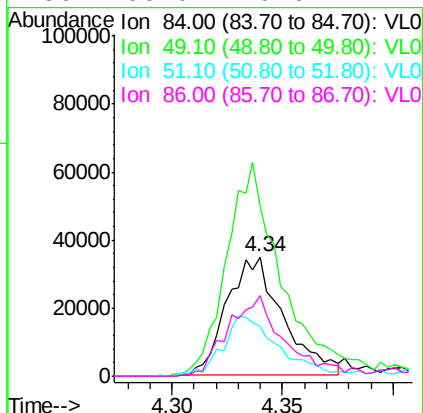
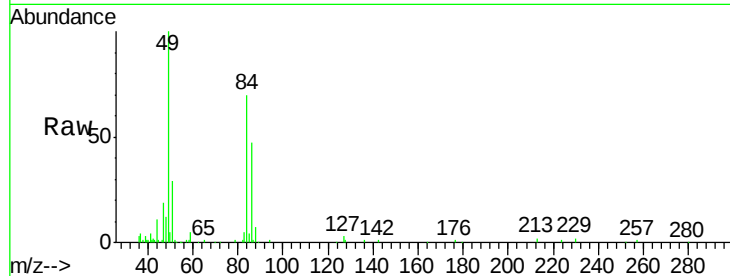
#20
Methylene Chloride
Concen: 0.919 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Instrument :
MSVOA_L
ClientSampleID :
C0P18DL

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.7	120.7	181.1
51	40.2	36.2	54.4
86	66.0	49.6	74.4

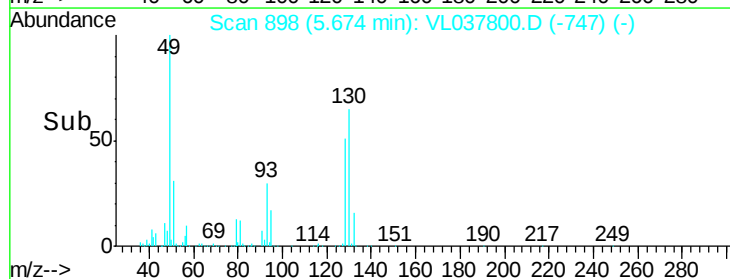
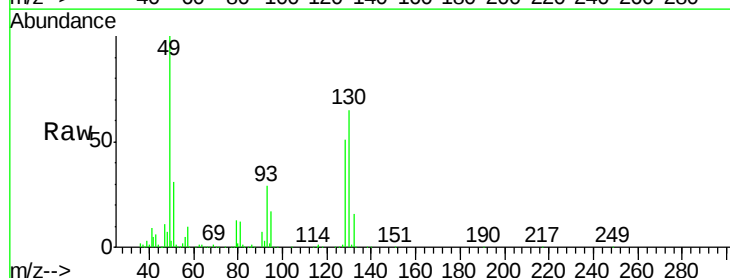
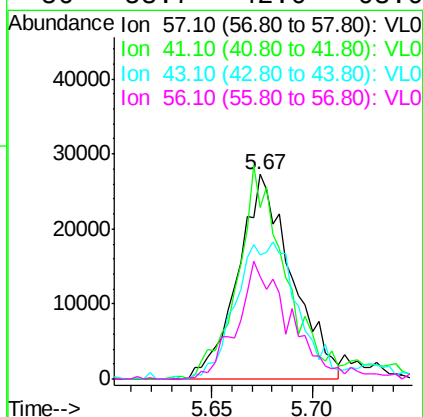
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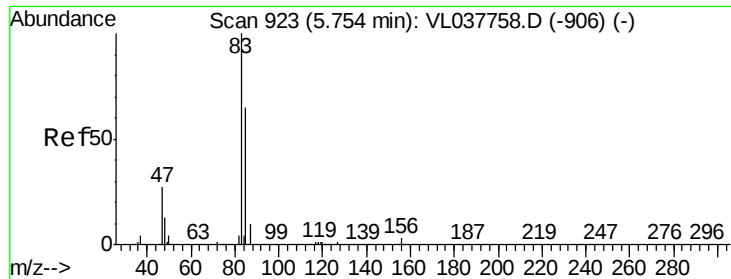
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#26
Hexane
Concen: 0.278 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.02 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.5	69.6	104.4
43	77.6	171.4	257.0#
56	58.7	42.0	63.0





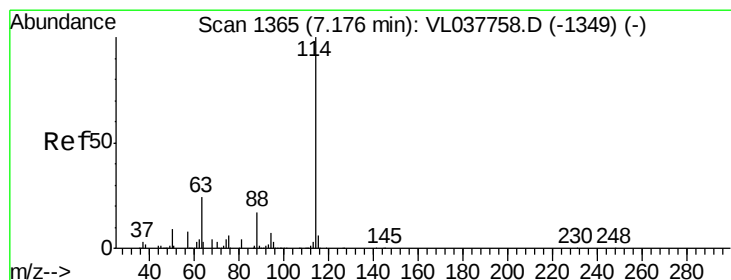
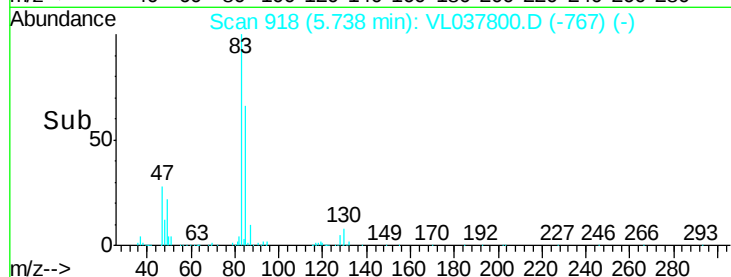
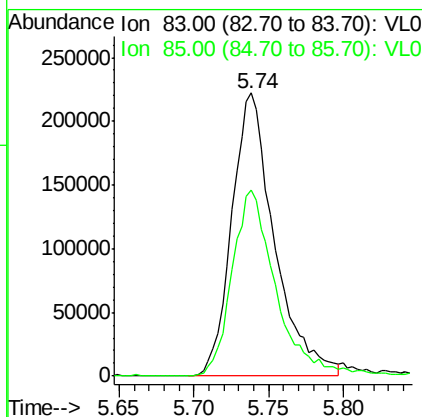
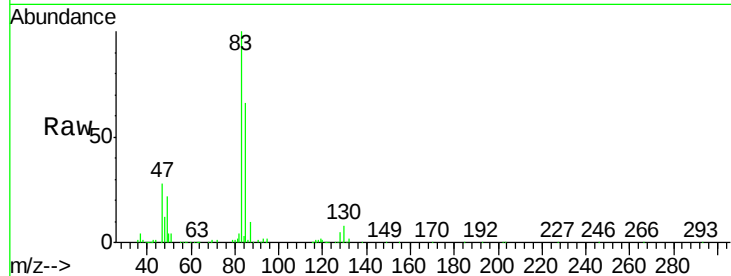
#29
Chloroform
Concen: 1.686 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.02 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Instrument :
MSVOA_L
ClientSampleId :
C0P18DL

Tgt Ion: 83 Resp: 441205
Ion Ratio Lower Upper
83 100
85 65.7 51.8 77.8

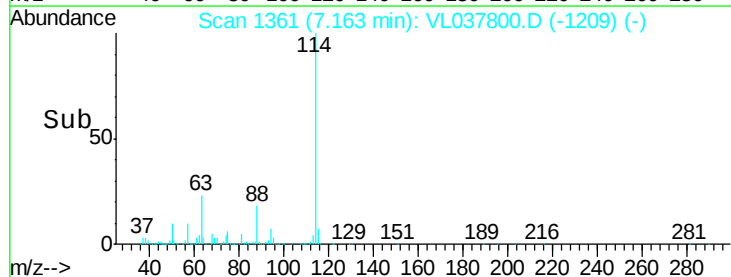
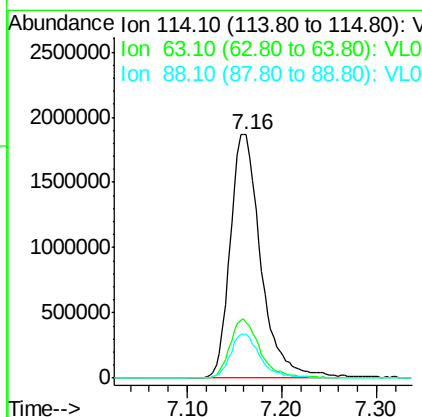
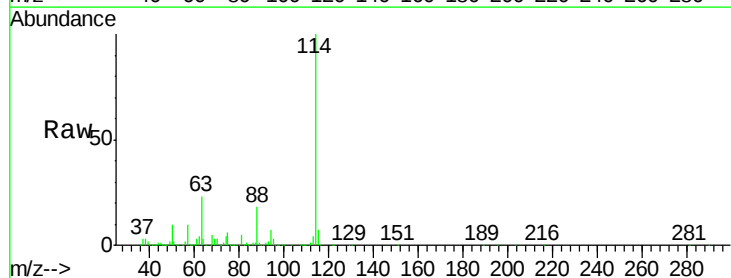
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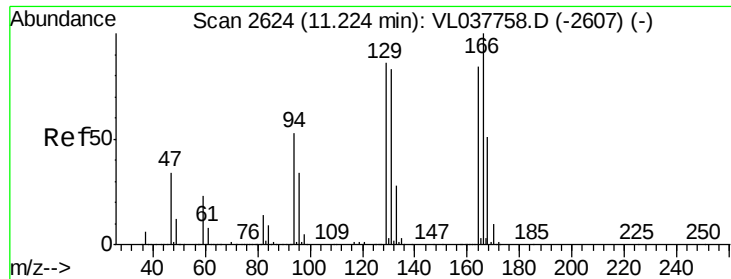
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Tgt Ion: 114 Resp: 4216480
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.2
88 17.9 14.4 21.6





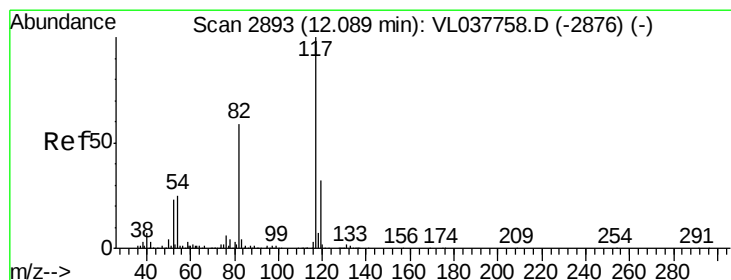
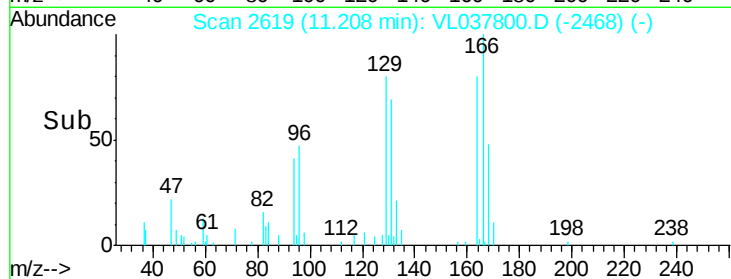
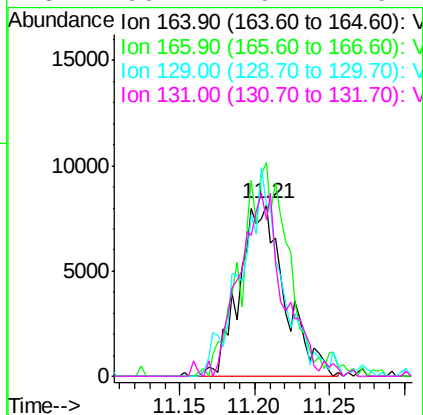
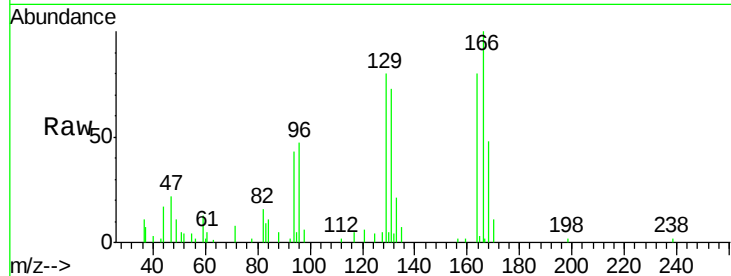
#52
Tetrachloroethene
Concen: 0.123 ppbv m
RT: 11.21 min Scan# 2619
Delta R.T. -0.02 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Instrument :
MSVOA_L
ClientSampleId :
C0P18DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	17275		
166	124.5	95.4	143.2	
129	99.4	82.2	123.4	
131	90.7	79.4	119.2	

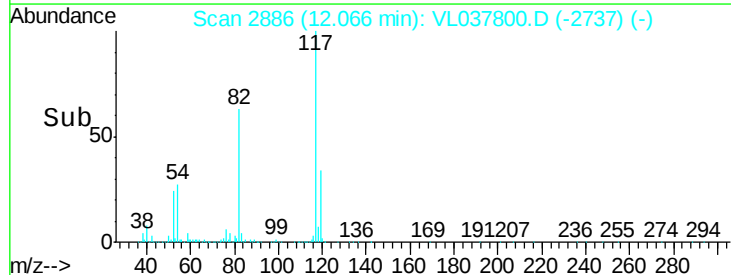
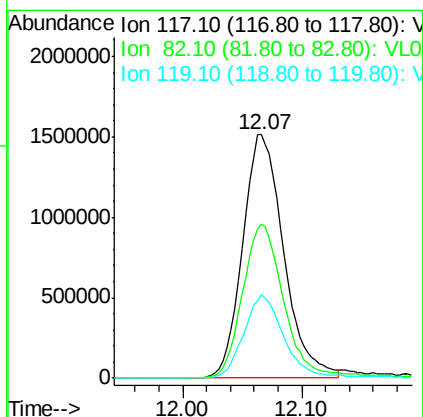
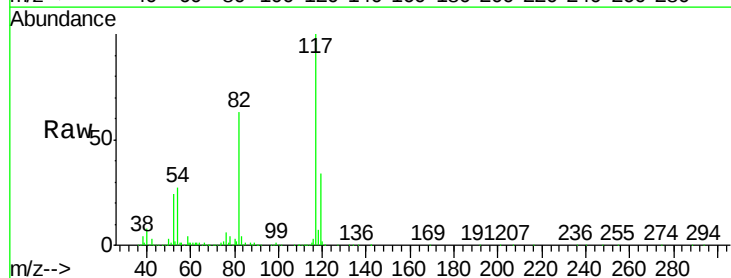
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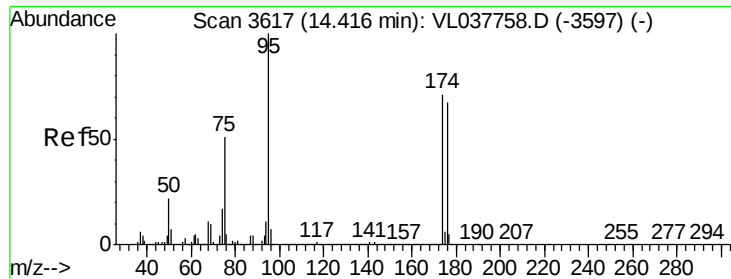
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.02 min
Lab File: VL037800.D
Acq: 7 Oct 2021 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	3617896		
82	65.0	52.2	78.2	
119	34.2	26.0	39.0	





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.046 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.02 min
 Lab File: VL037800.D
 Acq: 7 Oct 2021 17:45

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P18DL

Tgt Ion: 95 Resp: 2541547
 Ion Ratio Lower Upper
 95 100
 174 74.8 57.8 86.6
 175 5.6 4.7 7.1

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