

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037815.D
 Acq On : 8 Oct 2021 3:36
 Operator : SY/AP
 Sample : M4079-15DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P02DL

Manual Integrations
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Quant Time: Oct 08 11:23:43 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	1384479	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	4037944	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3393746	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2437515	10.27	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	13668m	0.140	ppbv	
15) Acetone	3.86	43	67353m	0.542	ppbv	
20) Methylene Chloride	4.34	84	18460m	0.294	ppbv	
52) Tetrachloroethene	11.20	164	9292m	0.069	ppbv	

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

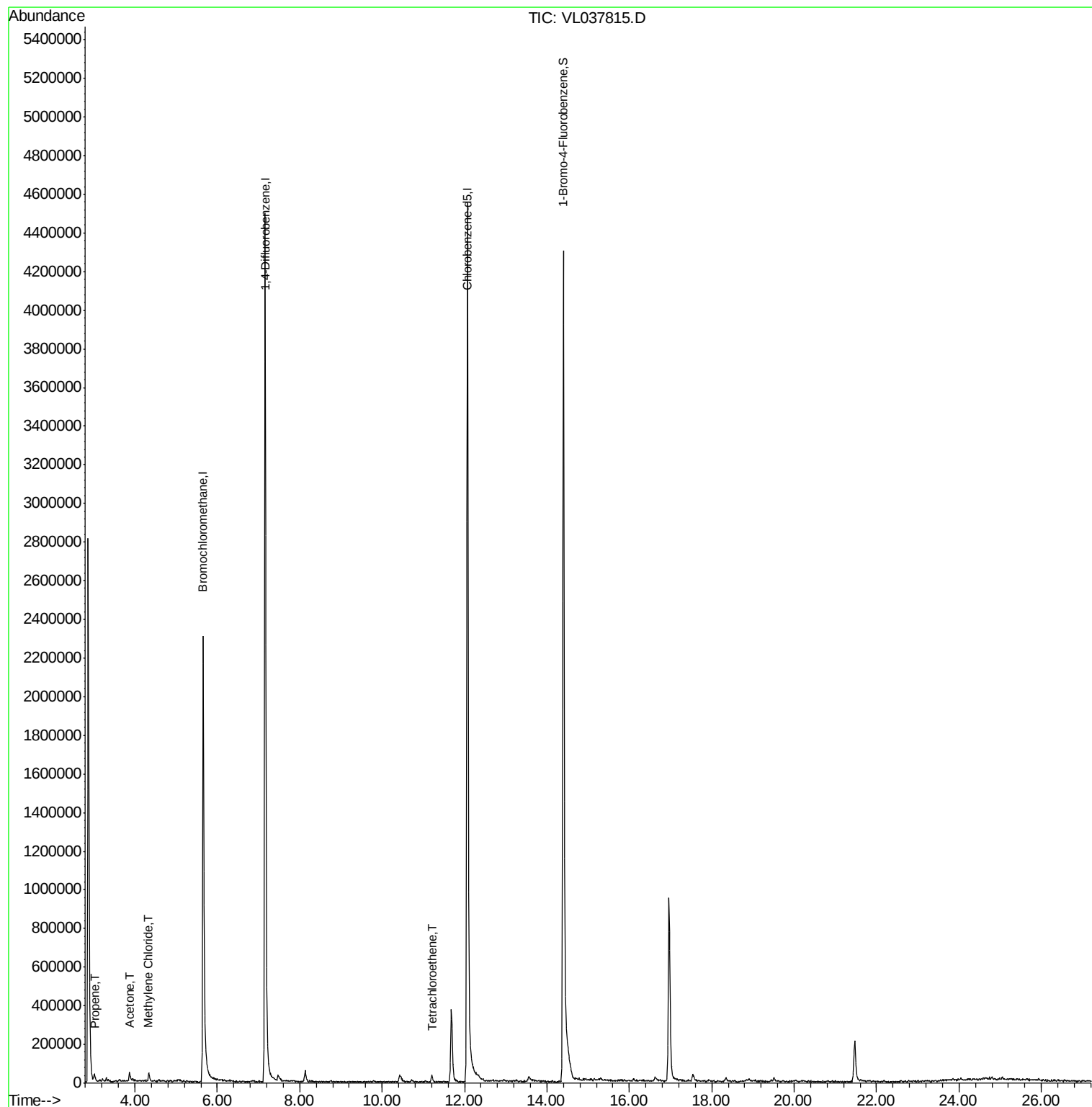
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
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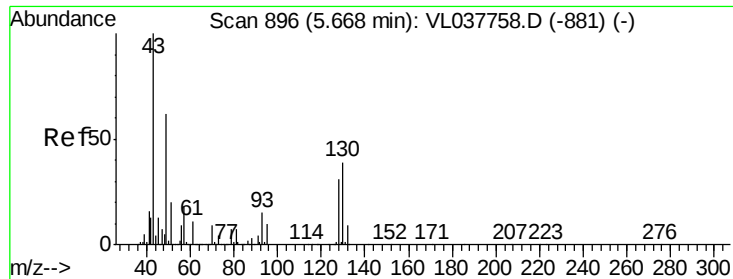
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
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QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL037815.D

Acq: 8 Oct 2021 3:36

Instrument :

MSVOA_L

ClientSampleId :

C0P02DL

Tgt Ion: 49 Resp: 1384479

Ion Ratio Lower Upper

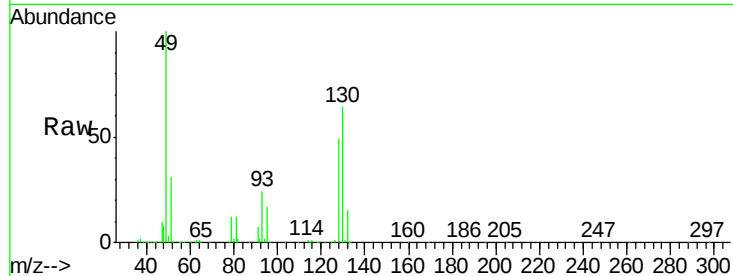
49 100

128 52.8 27.1 81.3

130 67.5 33.2 99.6

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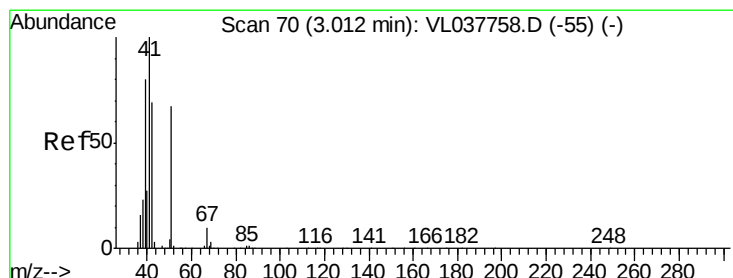
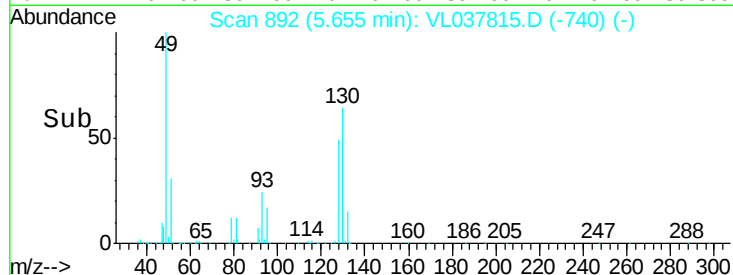
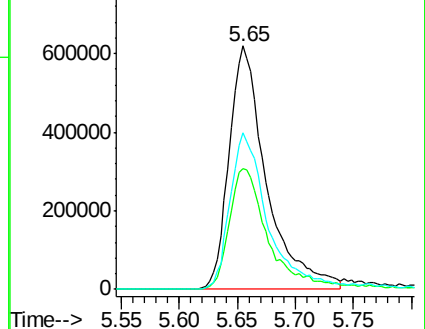
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.140 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037815.D

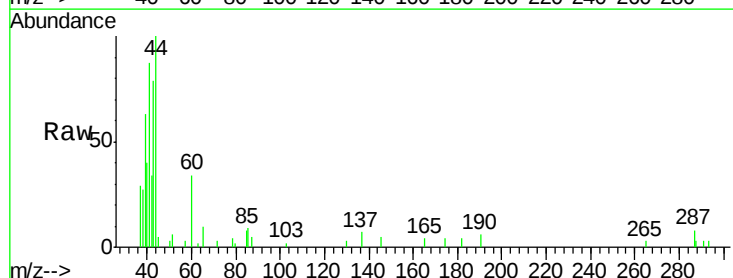
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Tgt Ion: 41 Resp: 13668

Ion Ratio Lower Upper

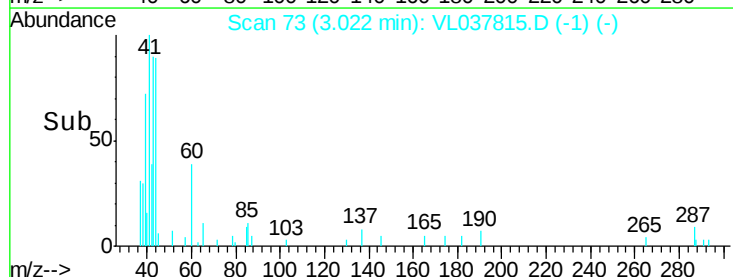
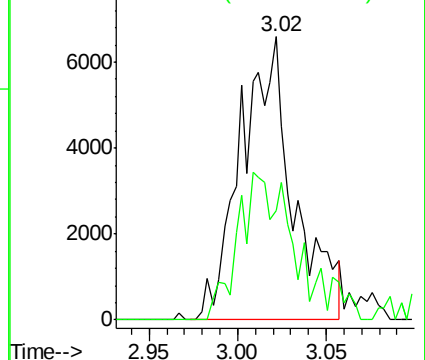
41 100

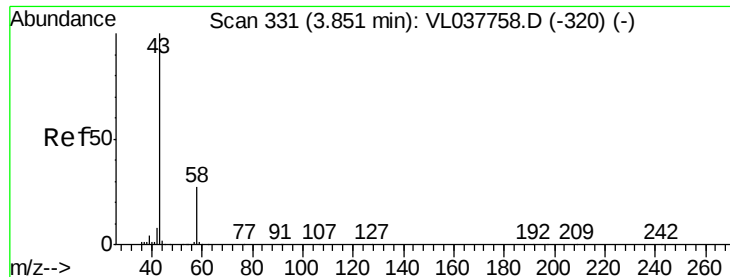
42 7.3 54.2 81.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





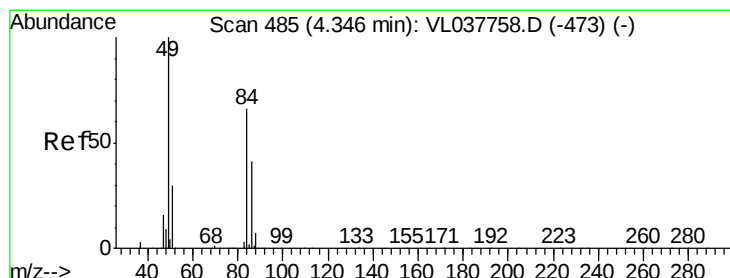
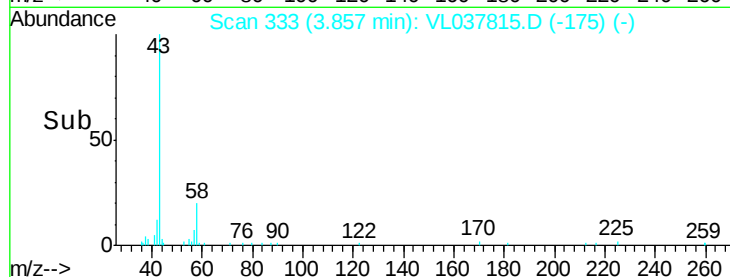
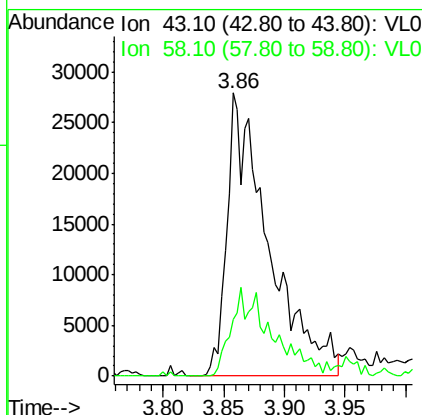
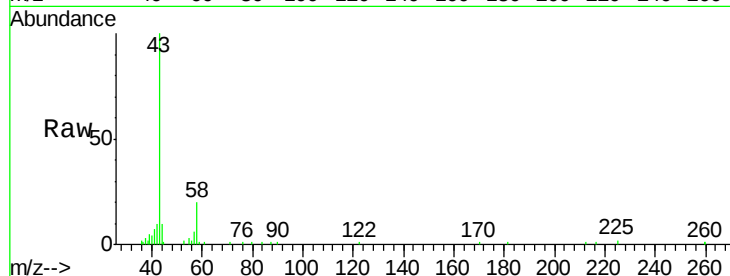
#15
Acetone
Concen: 0.542 ppbv m
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument :
MSVOA_L
ClientSampleId :
C0P02DL

Tgt Ion: 43 Resp: 67353
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#

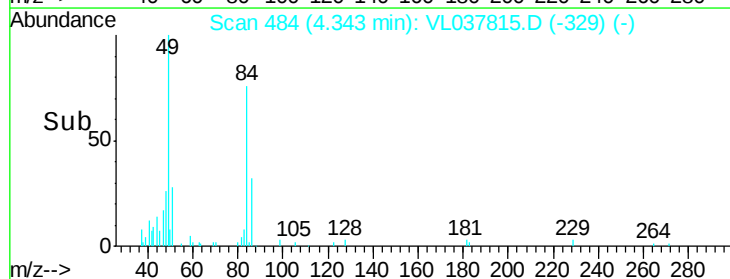
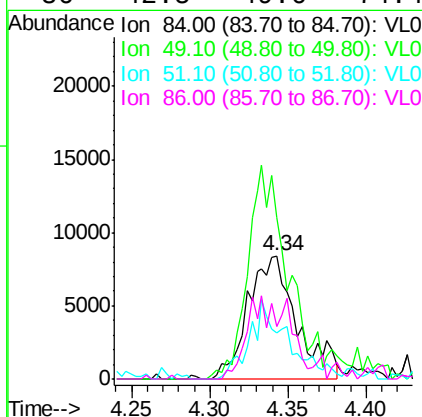
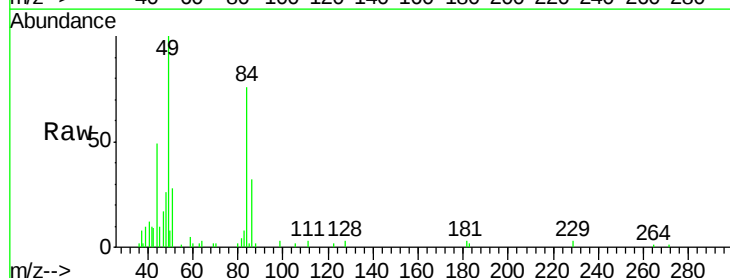
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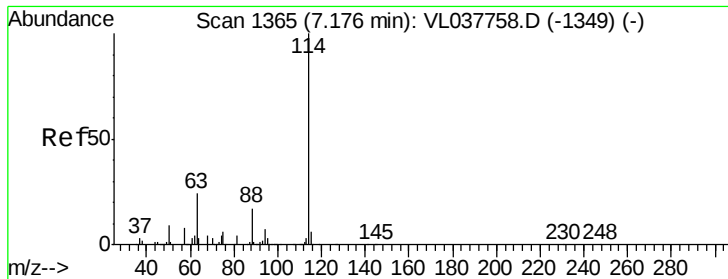
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#20
Methylene Chloride
Concen: 0.294 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion: 84 Resp: 18460
Ion Ratio Lower Upper
84 100
49 130.9 120.7 181.1
51 37.3 36.2 54.4
86 42.5 49.6 74.4#





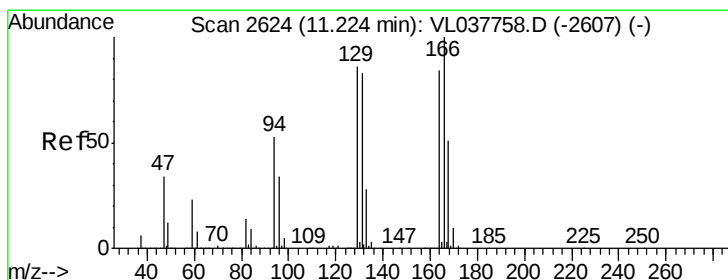
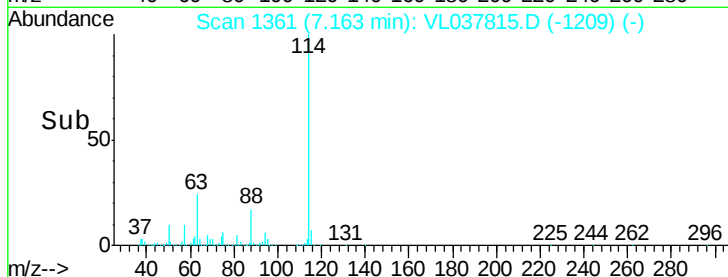
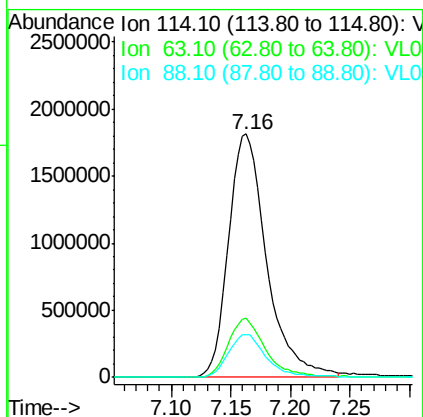
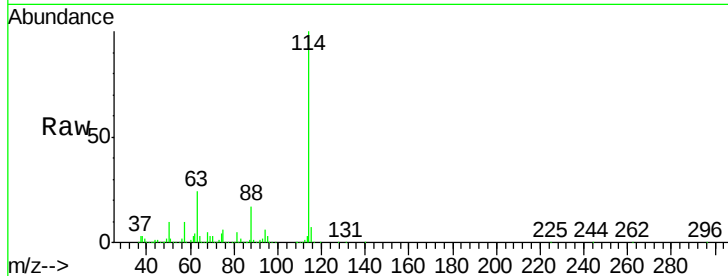
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: VL037815.D
 Acq: 8 Oct 2021 3:36

Instrument :
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 C0P02DL

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

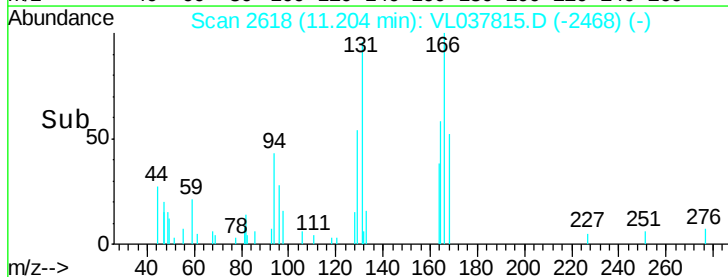
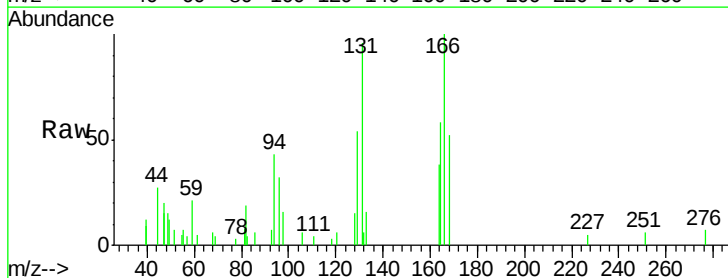
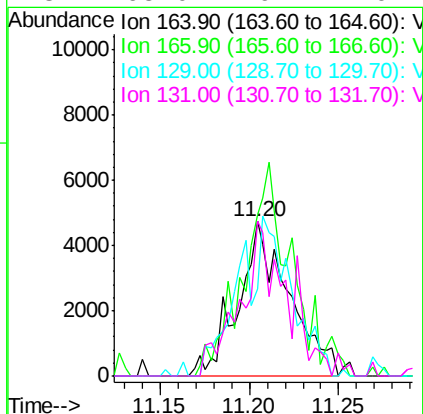
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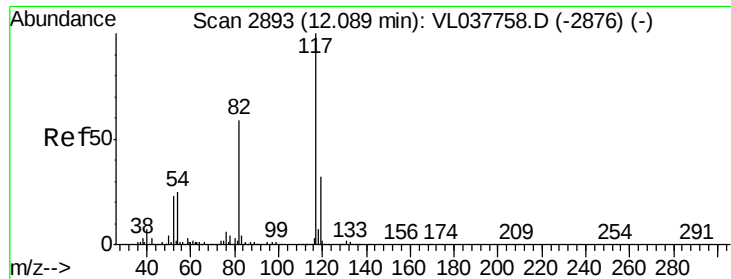
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#52
 Tetrachloroethene
 Concen: 0.069 ppbv m
 RT: 11.20 min Scan# 2618
 Delta R.T. -0.02 min
 Lab File: VL037815.D
 Acq: 8 Oct 2021 3:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	172.4	95.4	143.2#
129	93.4	82.2	123.4
131	165.0	79.4	119.2#





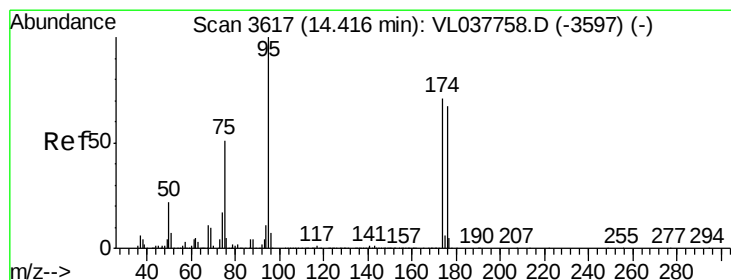
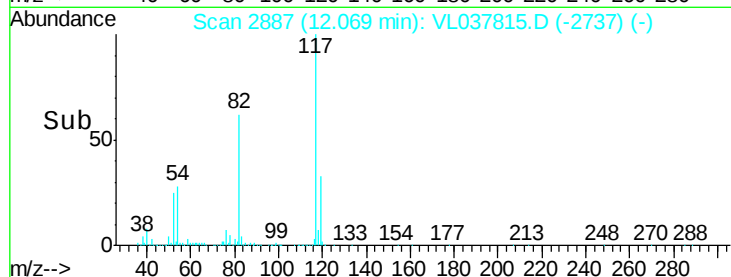
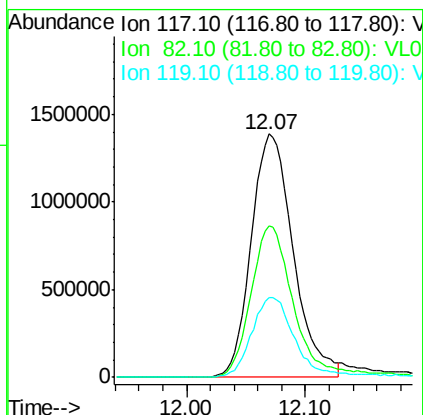
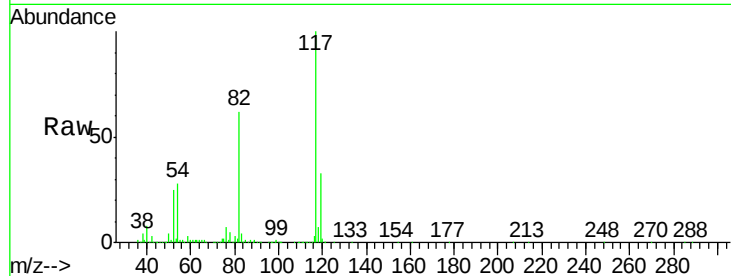
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument :
MSVOA_L
ClientSampleId :
C0P02DL

Tgt Ion: 117 Resp: 3393746
Ion Ratio Lower Upper
117 100
82 65.6 52.2 78.2
119 34.8 26.0 39.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.271 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion: 95 Resp: 2437515
Ion Ratio Lower Upper
95 100
174 74.7 57.8 86.6
175 5.3 4.7 7.1

