

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072721\
 Data File : VL037284.D
 Acq On : 27 Jul 2021 5:46
 Operator : SY/AP
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Manual Integrations
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 8/2/2021 9:03:46 AM

Quant Time: Jul 27 07:19:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 27 2021
 QLast Update : Tue Jul 27 06:38:44 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1276126	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3643402	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3212889	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2375852	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
63) 1,1,2,2-Tetrachloroethane	13.68	83	8667m	0.036	ppbv	

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

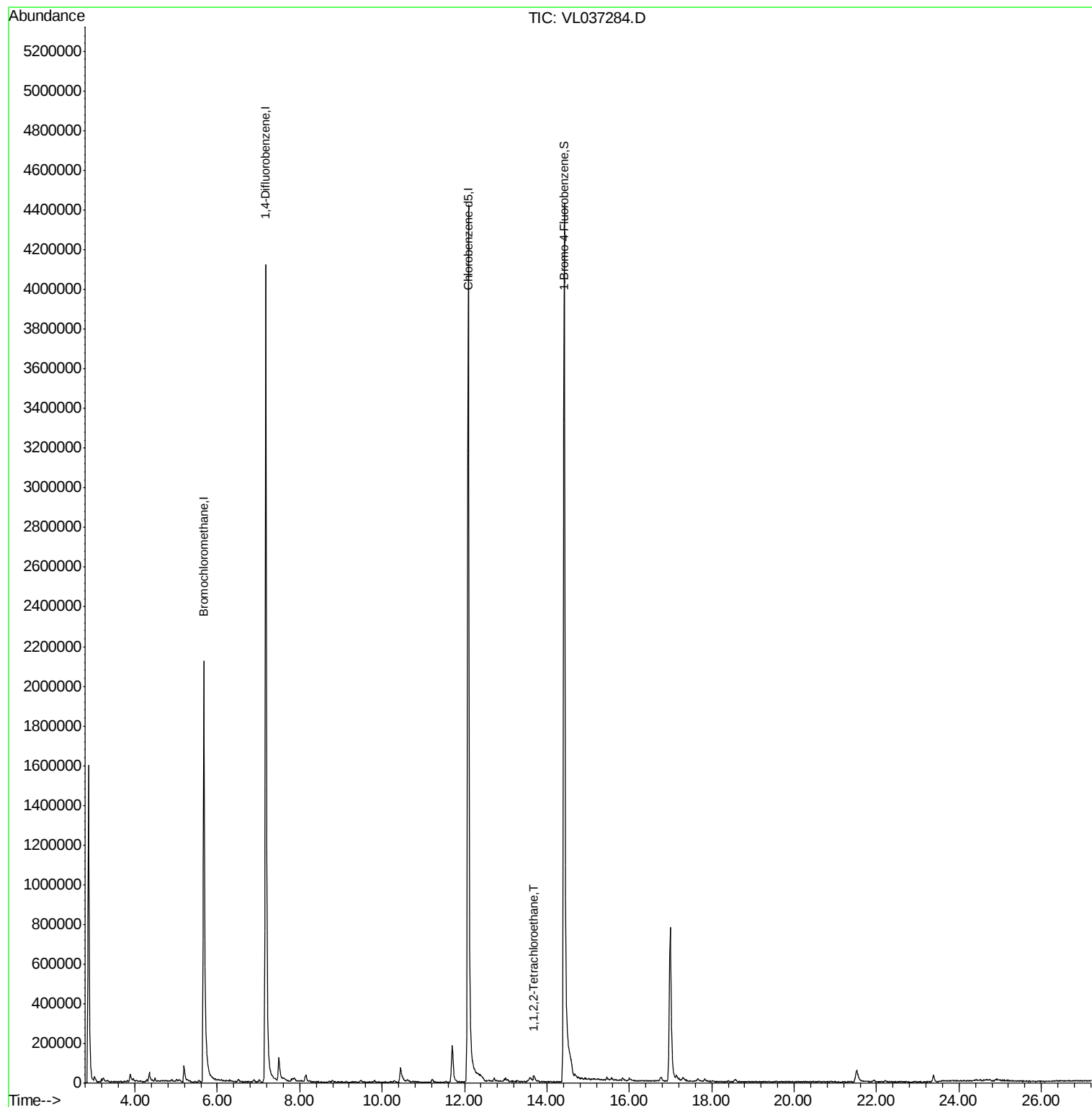
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072721\
Data File : VL037284.D
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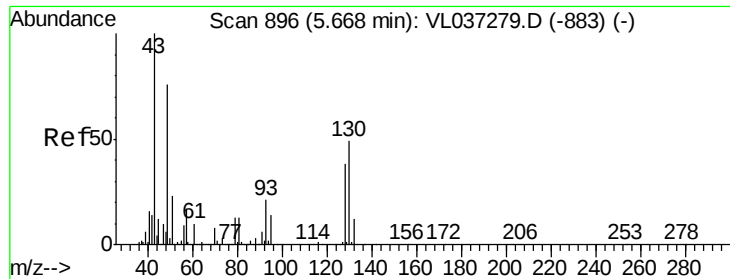
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

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Quant Time: Jul 27 07:19:19 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul
QLast Update : Tue Jul 27 06:38:44 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.00 min

Lab File: VL037284.D

Acq: 27 Jul 2021 5:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

Tot Ion: 49 Resp: 1276126

Ion Ratio Lower Upper

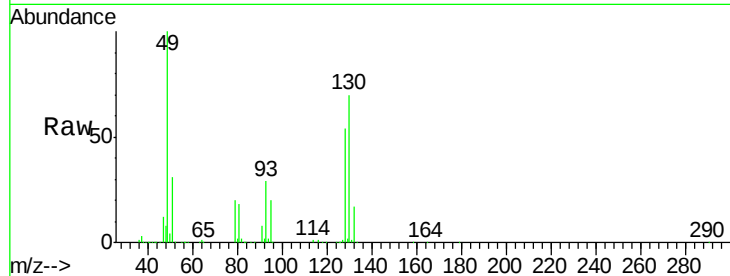
49 100

128 56.5 28.4 85.2

130 71.2 34.8 104.5

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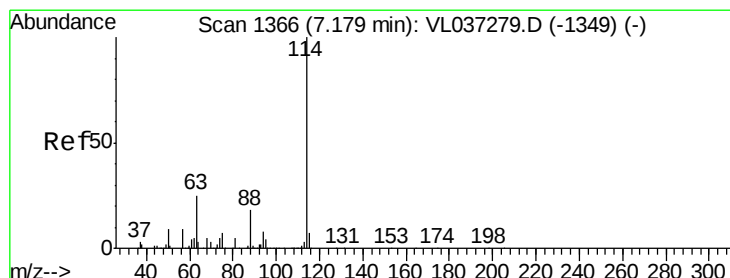
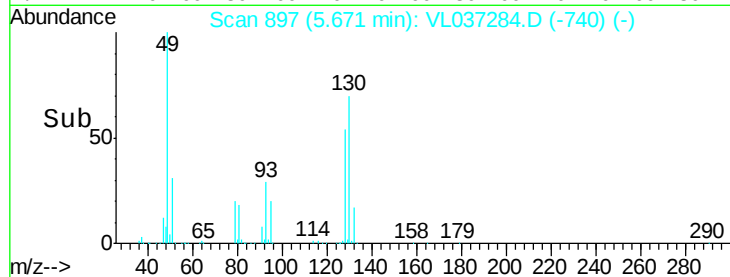
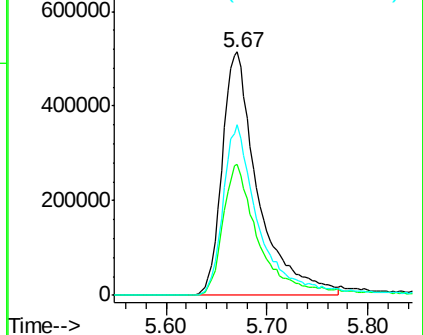
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VL037284.D

Acq: 27 Jul 2021 5:46

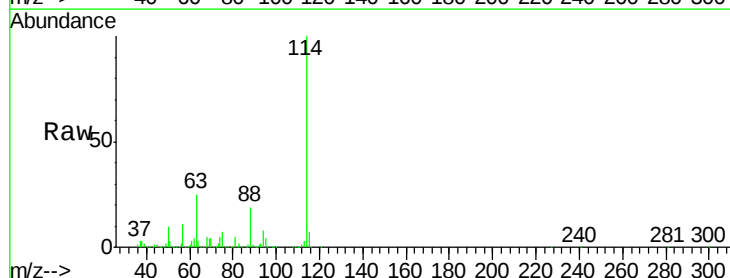
Tgt Ion: 114 Resp: 3643402

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

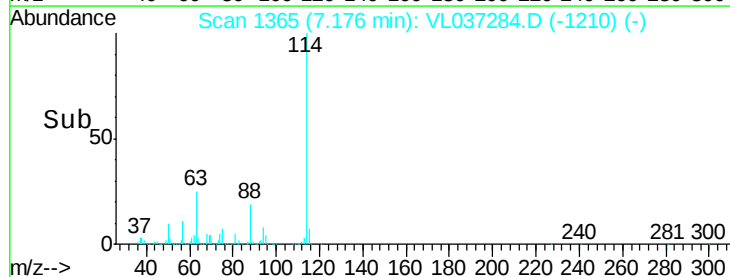
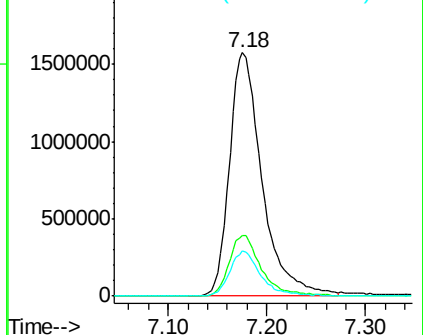
88 18.0 14.2 21.4

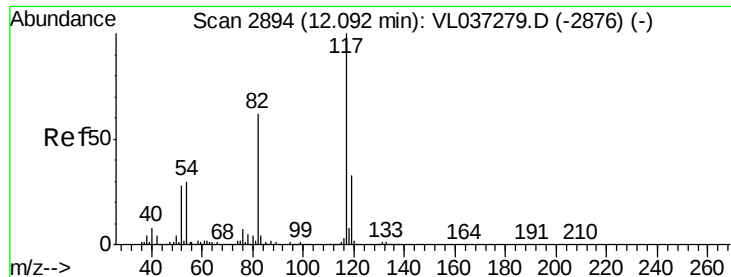


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





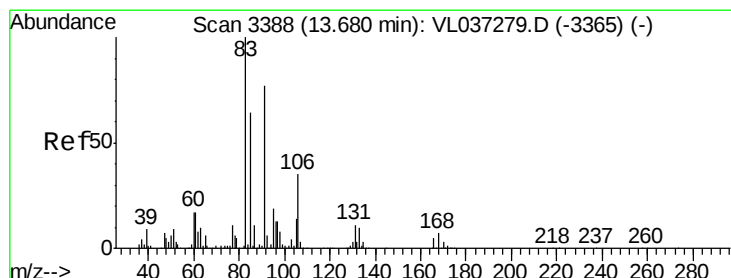
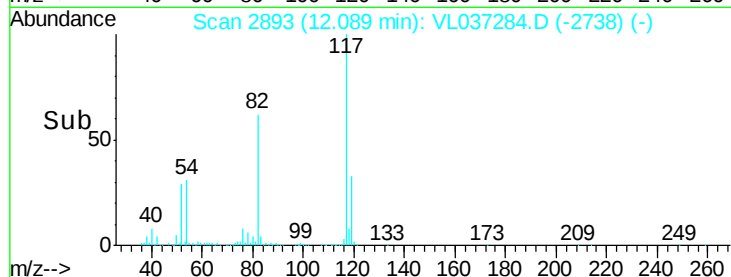
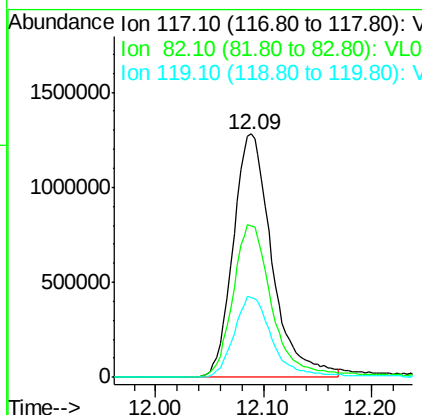
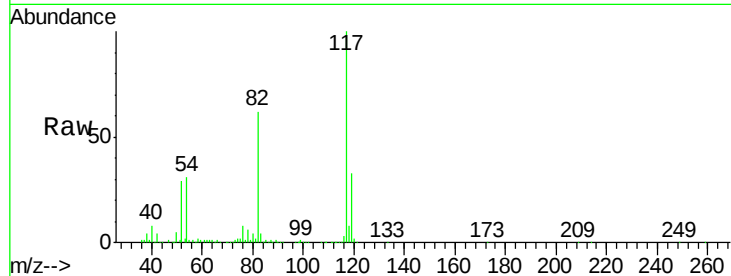
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL037284.D
Acq: 27 Jul 2021 5:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.2	52.3	78.5
119	34.3	26.5	39.7

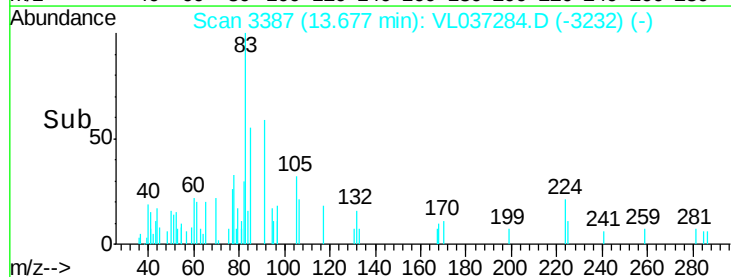
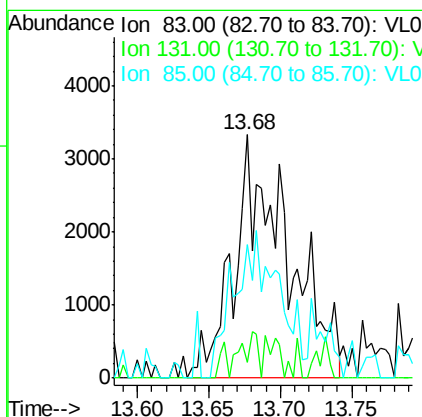
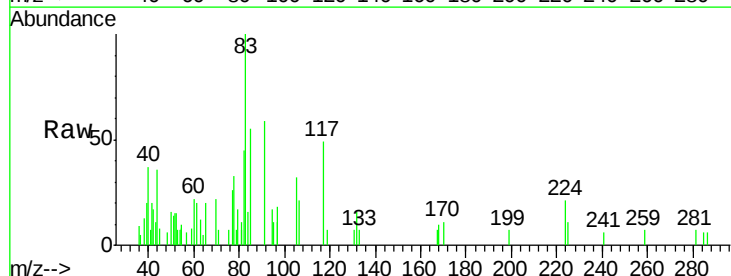
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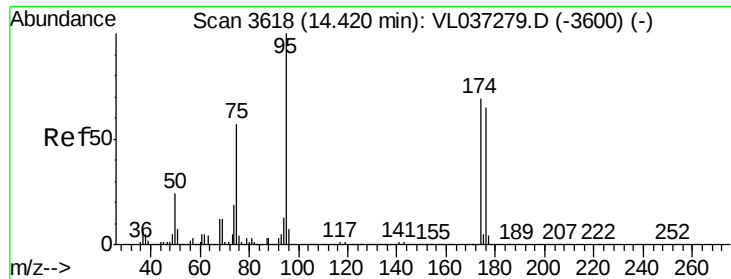
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#63
1,1,2,2-Tetrachloroethane
Concen: 0.036 ppbv m
RT: 13.68 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VL037284.D
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Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.4	16.2#
85	0.0	33.4	100.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.764 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.00 min
 Lab File: VL037284.D
 Acq: 27 Jul 2021 5:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.7	56.3	84.5
175	5.1	4.3	6.5

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