

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038558.D
 Acq On : 8 Mar 2022 14:16
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 08 14:53:57 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Tue Mar 08 13:53:01 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	952815	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2355636	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2051907	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1570221	9.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl Chloride	3.25	62	3918	0.06	ppbv	90
32) 1,1,1-Trichloroethane	6.51	97	9349m	0.06	ppbv	
35) Carbon Tetrachloride	7.01	117	10085	0.06	ppbv #	85
38) Trichloroethene	7.83	130	4942m	0.07	ppbv	
52) Tetrachloroethene	11.20	164	4893m	0.07	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.67	83	12920m	0.07	ppbv	

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

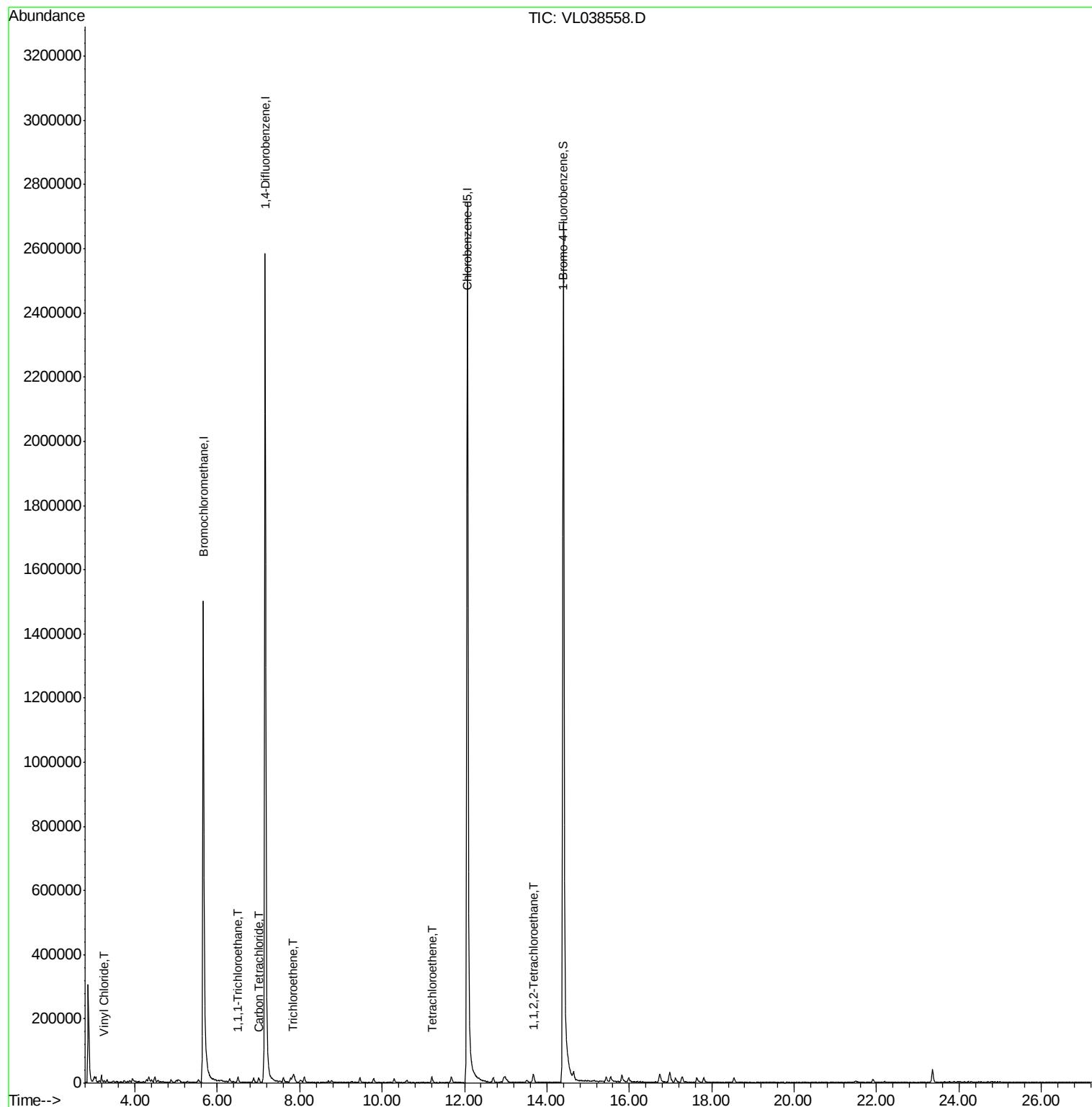
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
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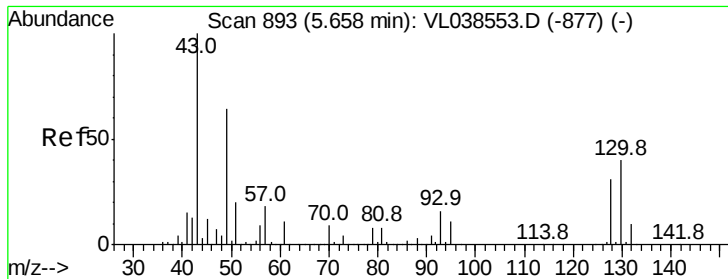
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Mar 08 14:53:57 2022
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16 VSTDIC0.03

Tgt Ion:

Ion Ratio

49 100

128 51.

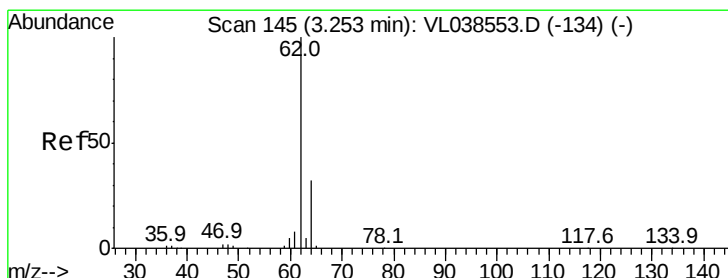
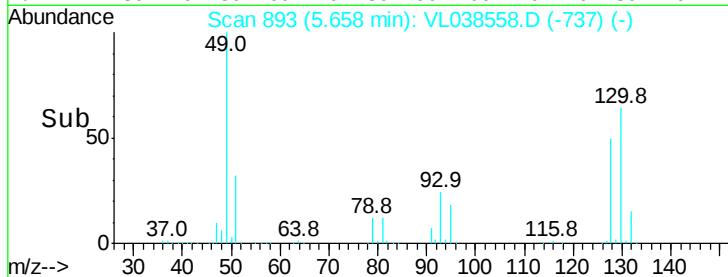
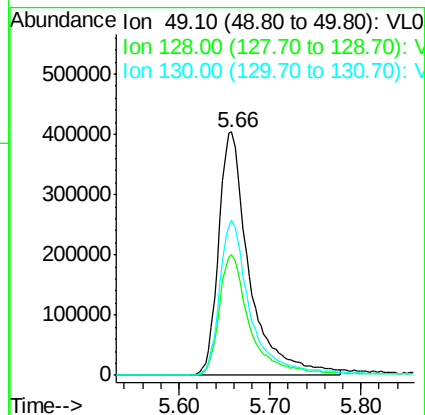
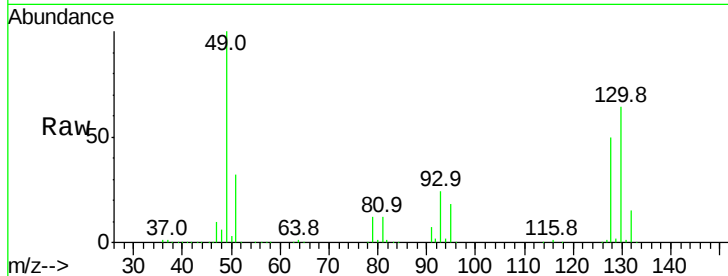
130 66.

Manual Integrations

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#5

Vinyl Chloride

Concen: 0.06 ppbv

RT: 3.25 min Scan# 145

Delta R.T. -0.00 min

Lab File: VL038558.D

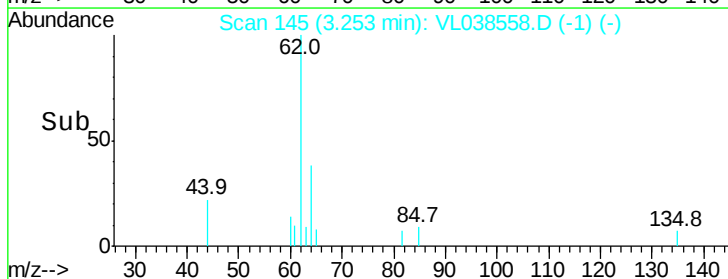
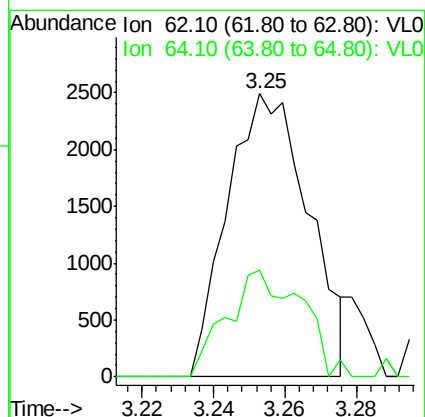
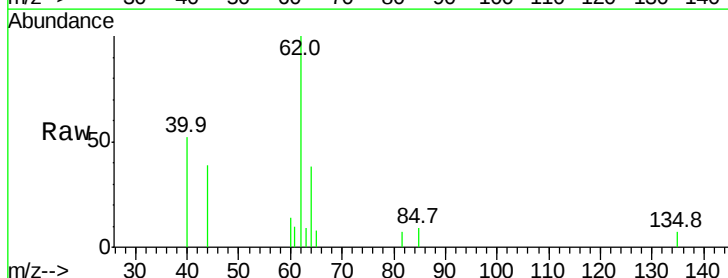
Acq: 8 Mar 2022 14:16

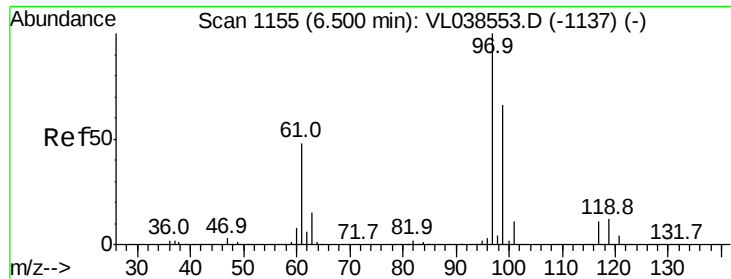
Tgt Ion: 62 Resp: 3918

Ion Ratio Lower Upper

62 100

64 37.6 25.8 38.6



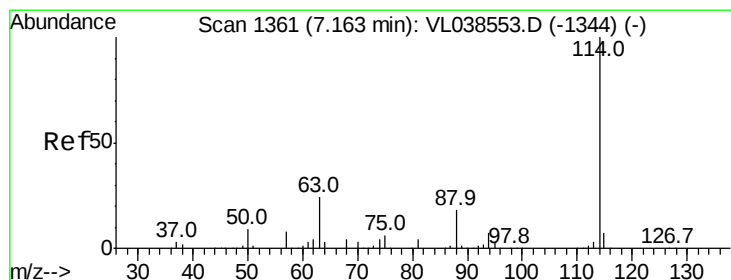
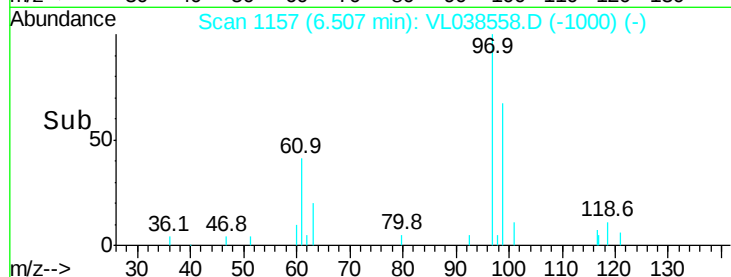
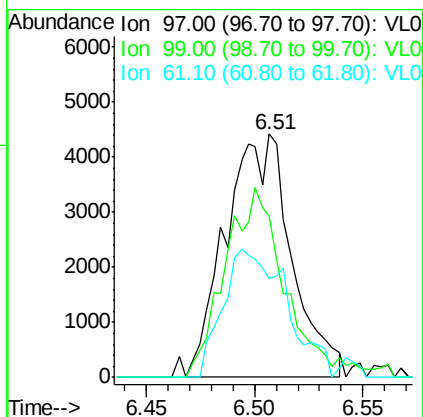
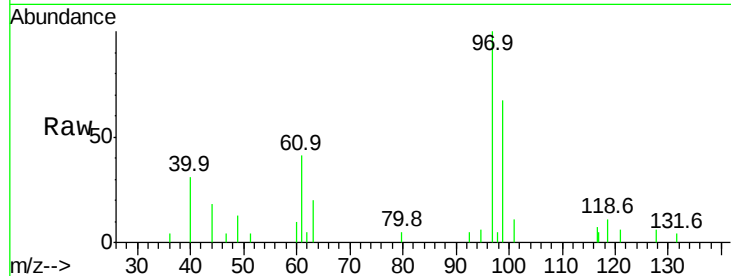


#32
 1,1,1-Trichloroethane
 Concen: 0.06 ppbv m
 RT: 6.51
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC003
 Acq: 8 Mar 2022 14:16

Tgt Ion:
 Ion Ratio
 97 100
 99 72.
 61 53.

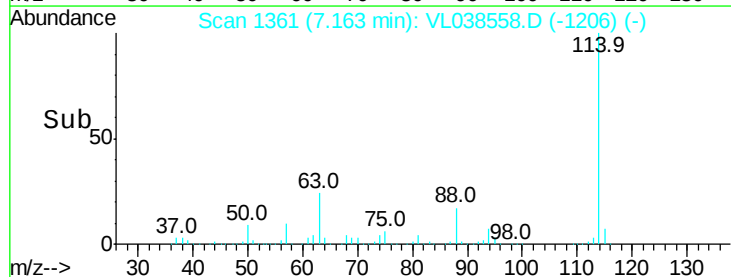
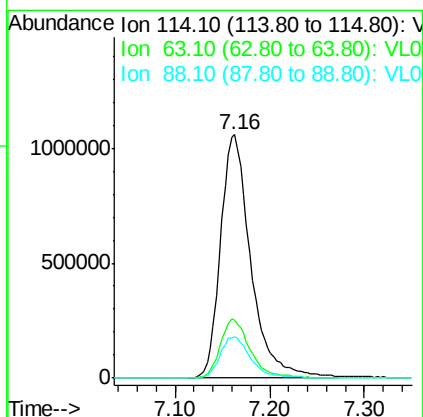
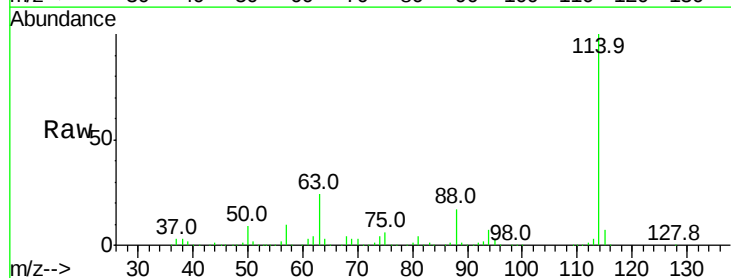
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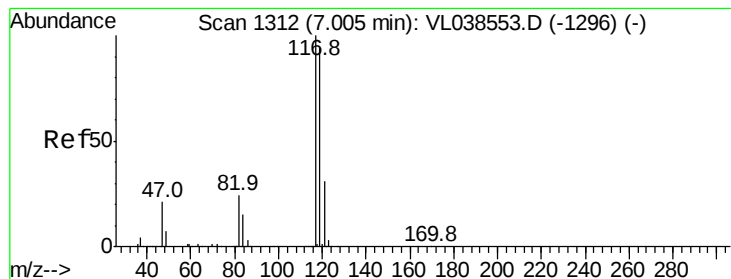
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VL038558.D
 Acq: 8 Mar 2022 14:16

Tgt Ion:114 Resp: 2355636
 Ion Ratio Lower Upper
 114 100
 63 24.3 19.6 29.4
 88 17.4 13.9 20.9





#35

Carbon Tetrachloride

Concen: 0.06 ppbv

RT: 7.01 Instrument:

Delta R.T. MSVOA_1

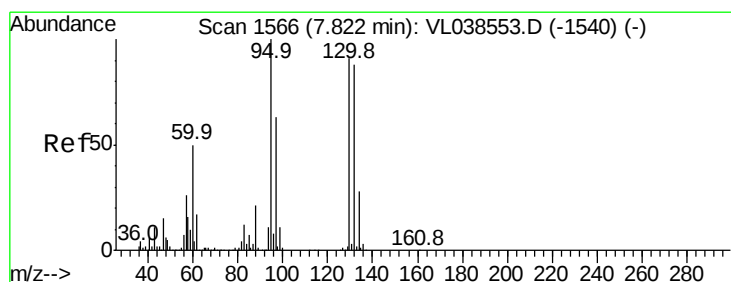
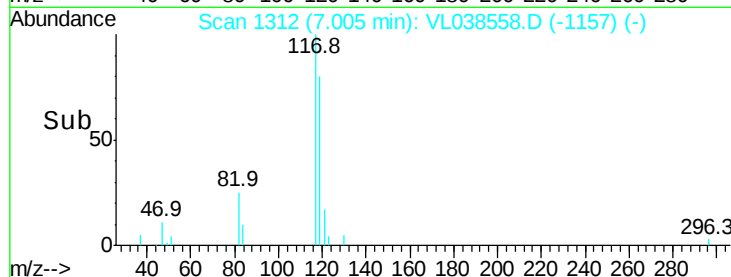
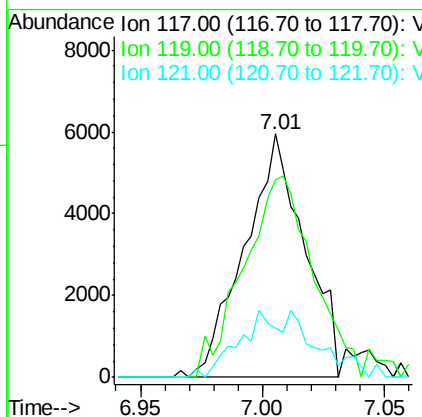
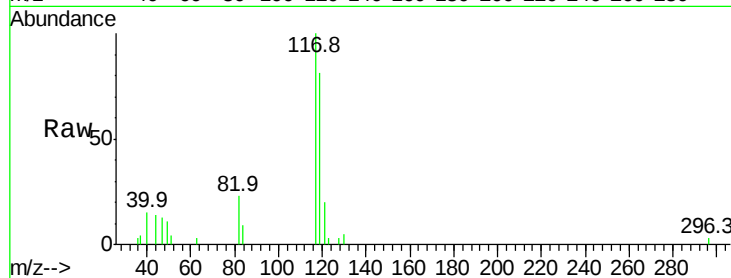
Lab File: ClientSampleId:

Acq: 8 Mar 2022 14:16 VSTDIC003

Tgt Ion:1
Ion Rati
117 100
119 80.
121 20.

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#38

Trichloroethene

Concen: 0.07 ppbv m

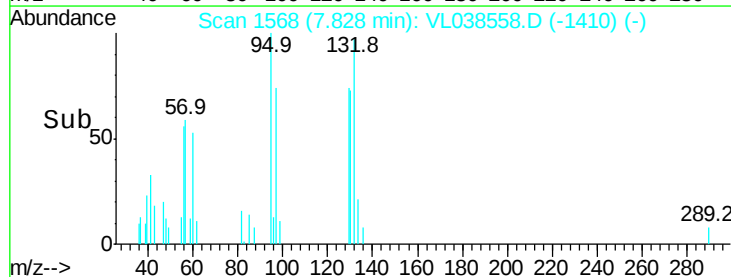
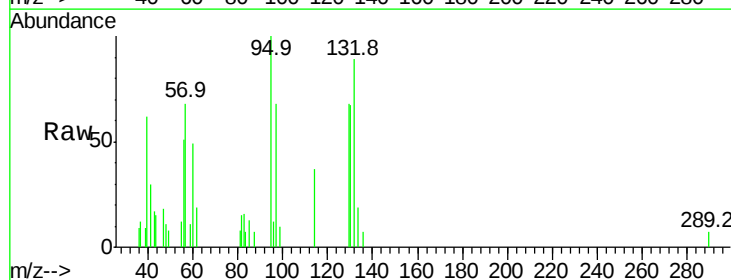
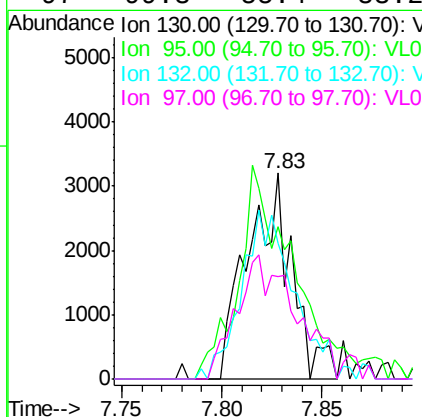
RT: 7.83 min Scan# 1568

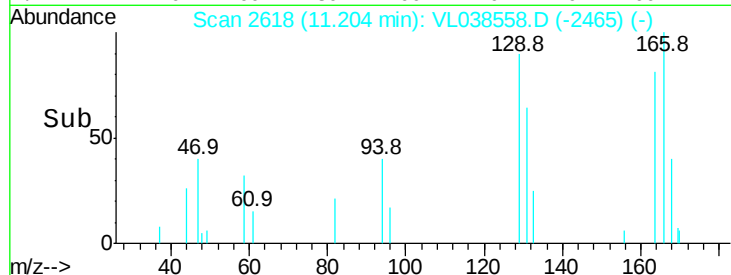
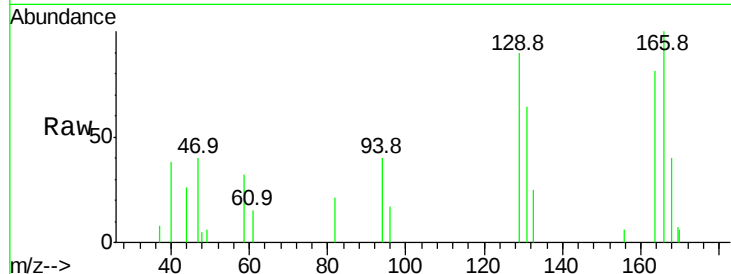
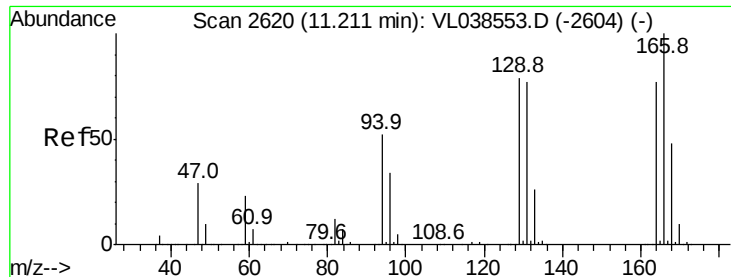
Delta R.T. 0.01 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	4942		
95	146.8		87.8	131.8#
132	130.9		77.5	116.3#
97	99.3		55.4	83.2#





#52

Tetrachloroethene

Concen: 0.07 ppbv m

RT: 11.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 14:16

Tgt Ion:1

Ion Ratio

164 100

166 122.

129 110.

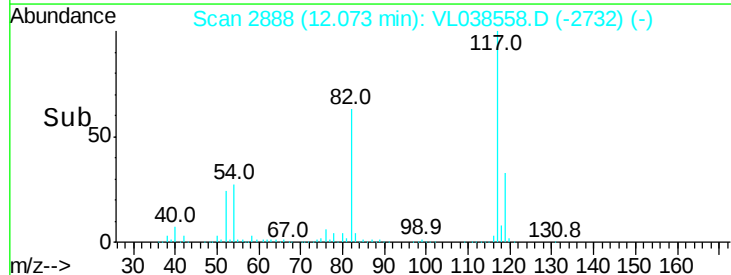
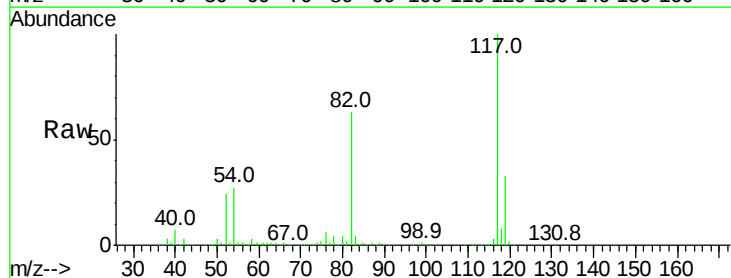
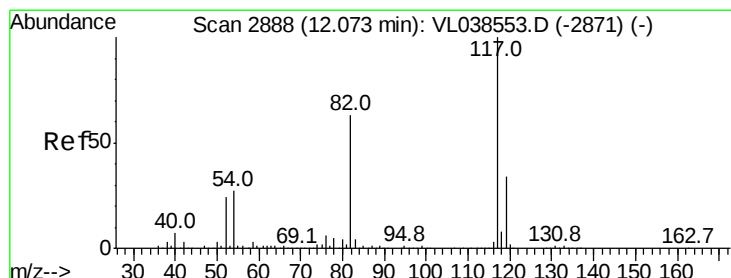
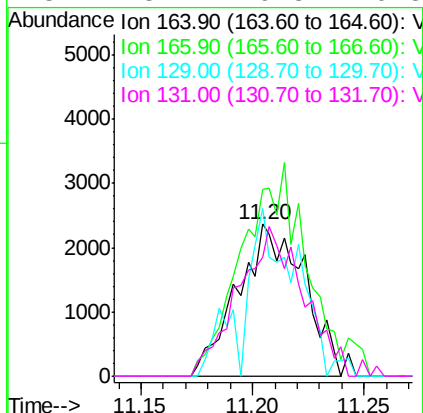
131 78.1 79.8 119.8#

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#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VL038558.D

Acq: 8 Mar 2022 14:16

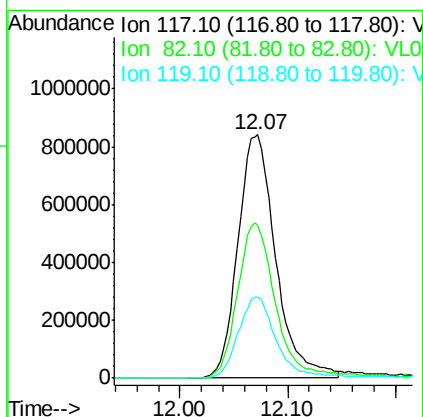
Tgt Ion:117 Resp: 2051907

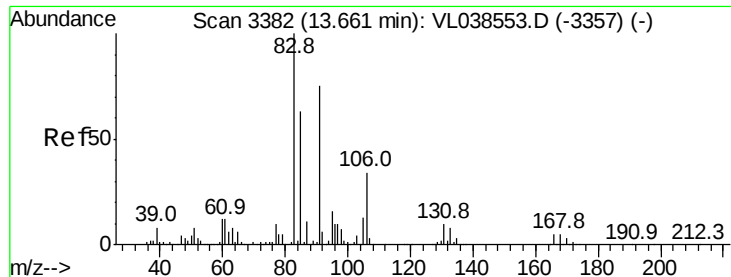
Ion Ratio Lower Upper

117 100

82 65.8 52.5 78.7

119 34.8 46.4 69.6#



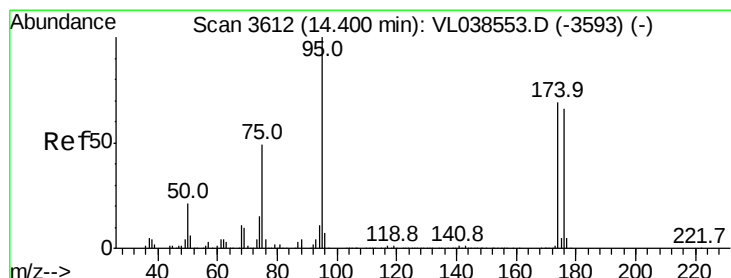
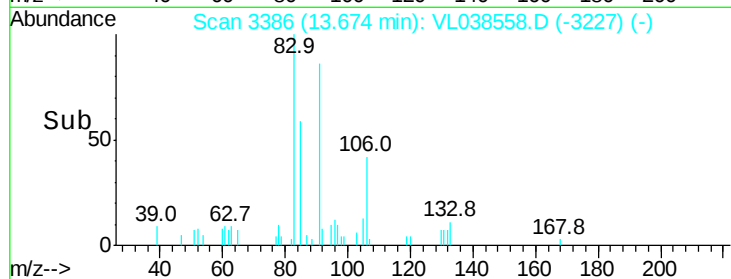
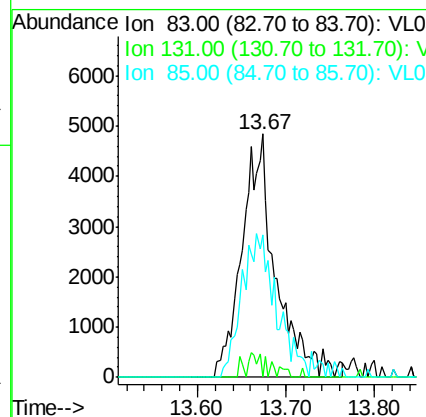
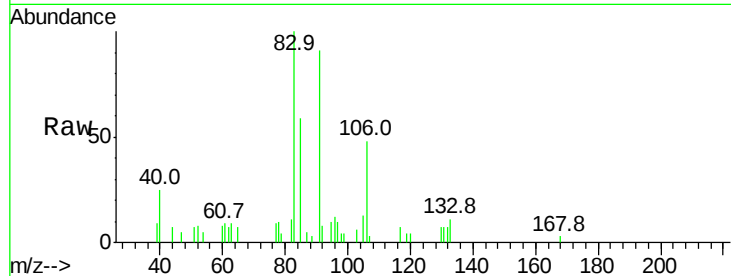


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.07 ppbv m
 RT: 13.67
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC00.03
 Acq: 8 Mar 2022 14:16

Tgt Ion:
 Ion Ratio
 83 100
 131 4.
 85 63.

Manual Integrations
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 Supervised By :Mahesh Dadoda 03/14/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.25 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.00 min
 Lab File: VL038558.D
 Acq: 8 Mar 2022 14:16

Tgt Ion: 95 Resp: 1570221
 Ion Ratio Lower Upper
 95 100
 174 71.2 56.2 84.4
 175 4.9 4.2 6.2

