

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039744.D
 Acq On : 21 Oct 2022 12:35
 Operator : SY/AP
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 21 14:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Oct 21 14:16:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.198	49	1002477	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2815913	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2369718	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1696320	9.589	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
5) Vinyl Chloride	2.938	62	6122m	0.102	ppbv	Qvalue
32) 1,1,1-Trichloroethane	6.005	97	10272m	0.076	ppbv	
35) Carbon Tetrachloride	6.497	117	10356m	0.069	ppbv	
38) Trichloroethene	7.295	130	8501m	0.073	ppbv	
52) Tetrachloroethene	10.603	164	6363m	0.077	ppbv	
54) 1,2-Dibromoethane	9.999	107	5846m	0.060	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.040	83	8333m	0.090	ppbv	
79) Naphthalene	21.387	128	6803m	0.038	ppbv	

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

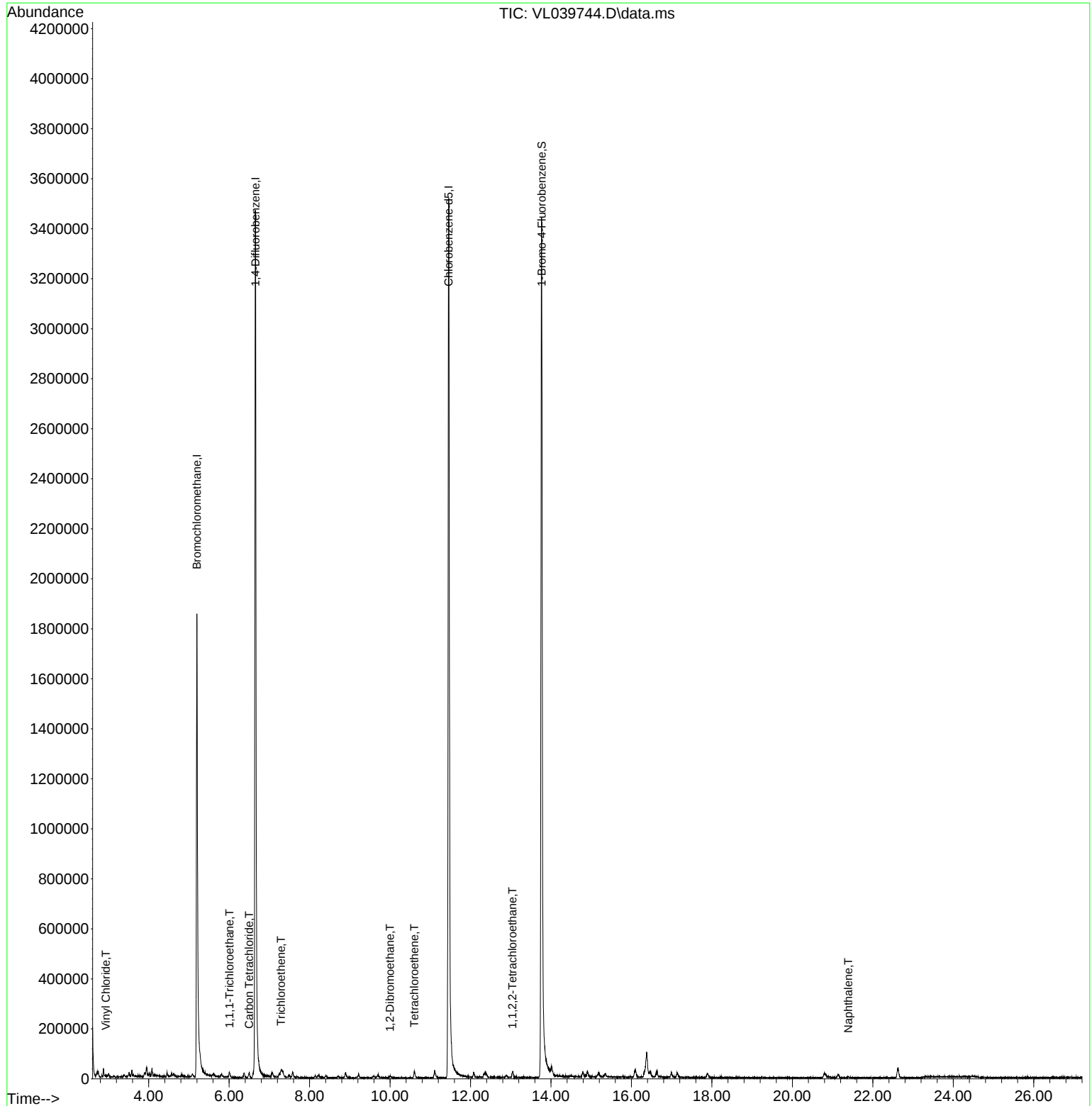
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
Data File : VL039744.D
Acq On : 21 Oct 2022 12:35
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

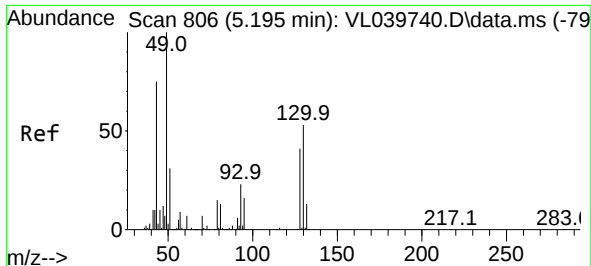
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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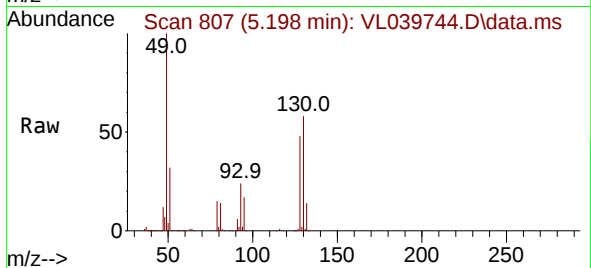
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Oct 21 14:16:04 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 806
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

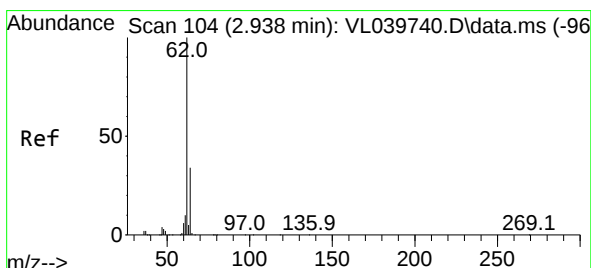
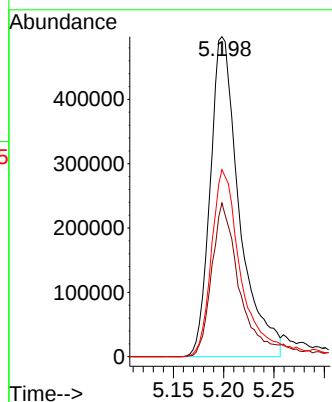
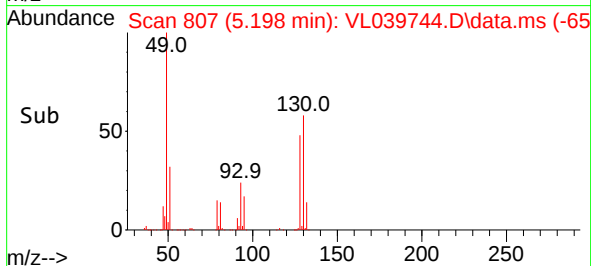
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 100247
Ion Ratio Lower Upper
49 100
128 50.1 22.6 67.8
130 63.2 29.0 87.0

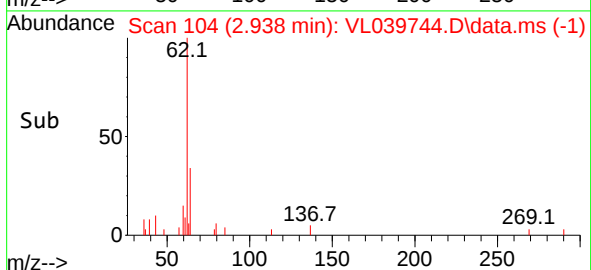
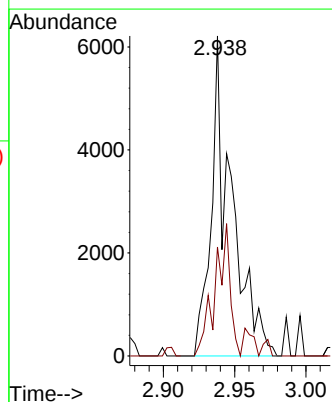
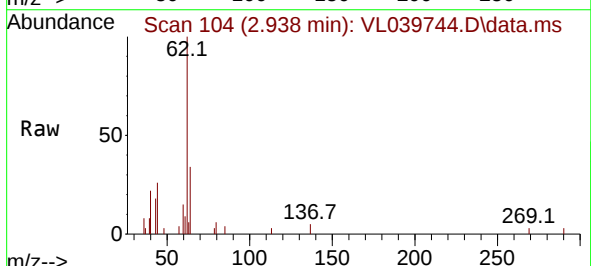
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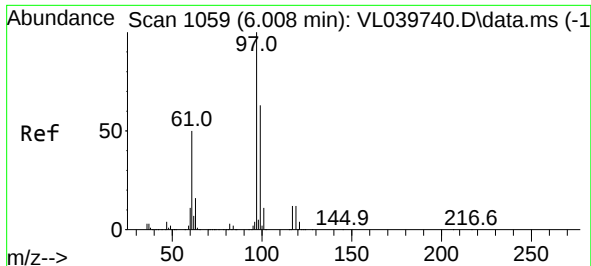
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#5
Vinyl Chloride
Concen: 0.102 ppbv m
RT: 2.938 min Scan# 104
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Tgt Ion: 62 Resp: 6122
Ion Ratio Lower Upper
62 100
64 34.0 27.1 40.7





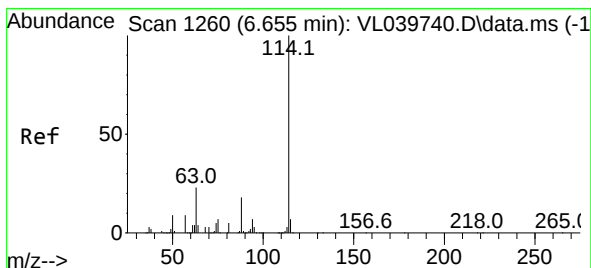
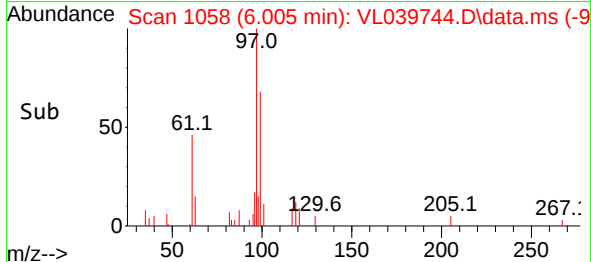
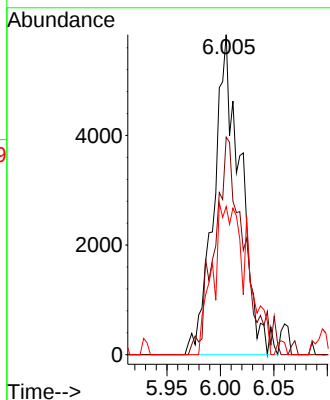
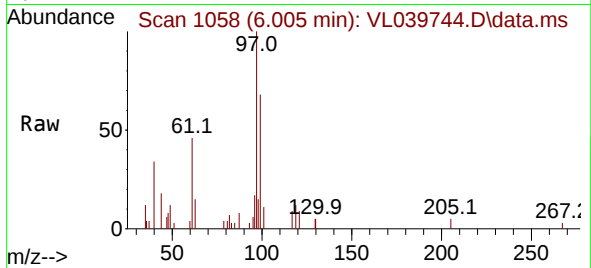
#32
1,1,1-Trichloroethane
Concen: 0.076 ppbv m
RT: 6.005 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 97 Resp: 10272
Ion Ratio Lower Upper
97 100
99 74.7 53.0 79.4
61 62.3 43.3 64.9

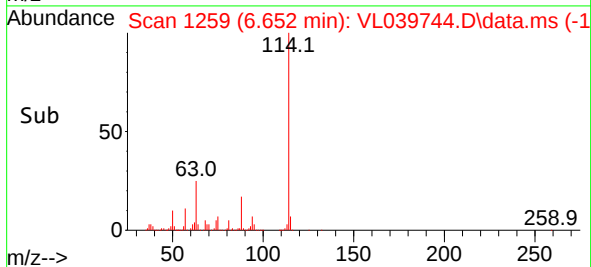
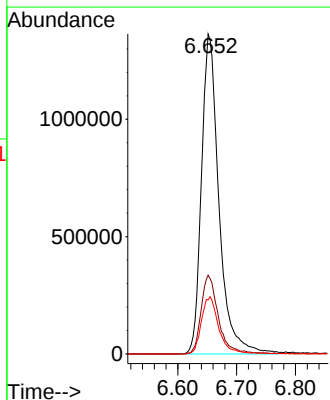
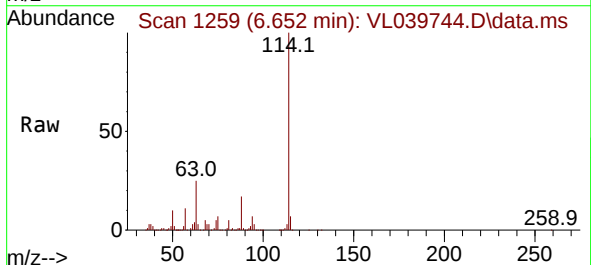
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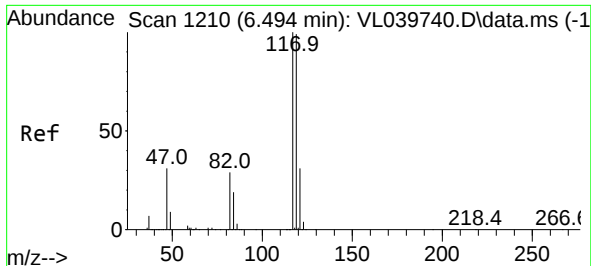
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

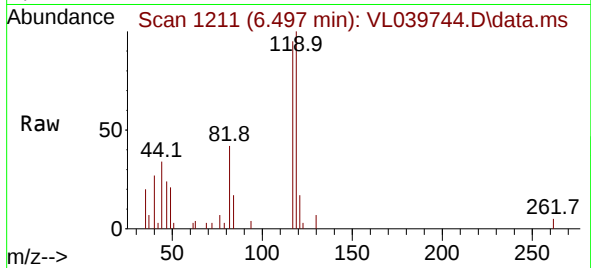
Tgt Ion:114 Resp: 2815913
Ion Ratio Lower Upper
114 100
63 24.4 19.8 29.6
88 18.0 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.069 ppbv m
RT: 6.497 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

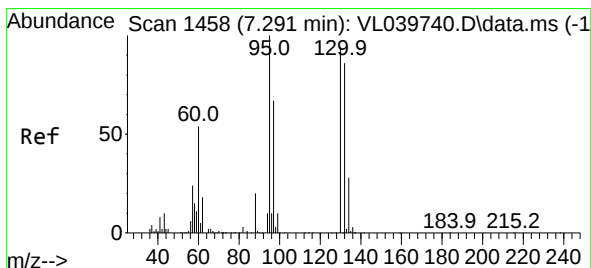
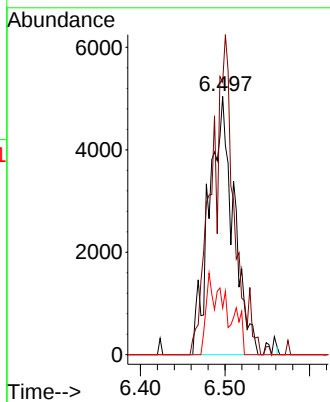
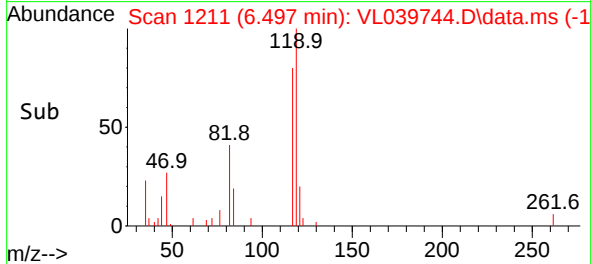
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 10350
Ion Ratio Lower Upper
117 100
119 105.5 79.2 118.8
121 18.1 25.0 37.6

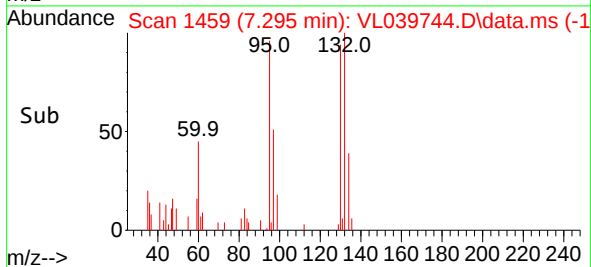
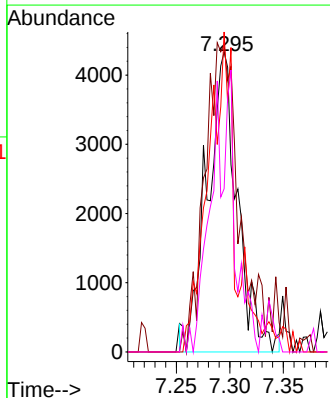
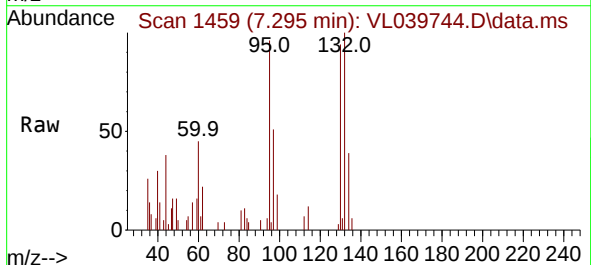
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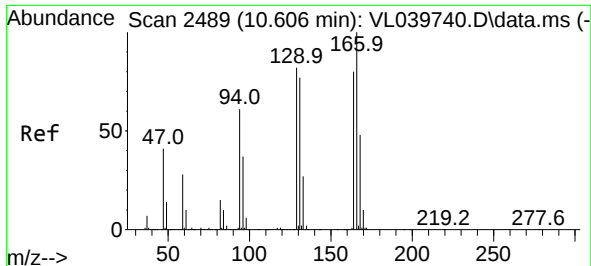
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022



#38
Trichloroethene
Concen: 0.073 ppbv m
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

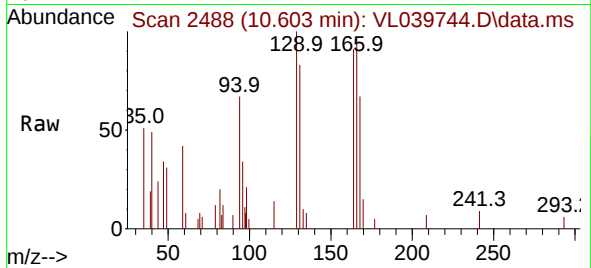
Tgt Ion:130 Resp: 8501
Ion Ratio Lower Upper
130 100
95 102.5 85.4 128.2
132 106.7 73.0 109.6
97 54.4 57.3 85.9#





#52
Tetrachloroethene
Concen: 0.077 ppbv m
RT: 10.603 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

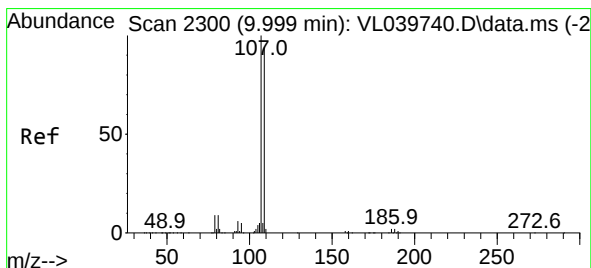
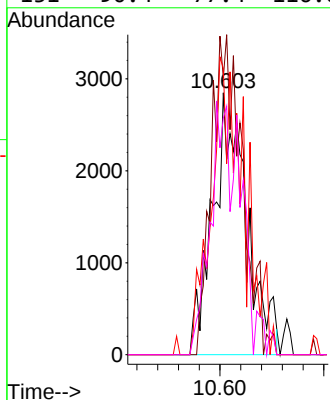
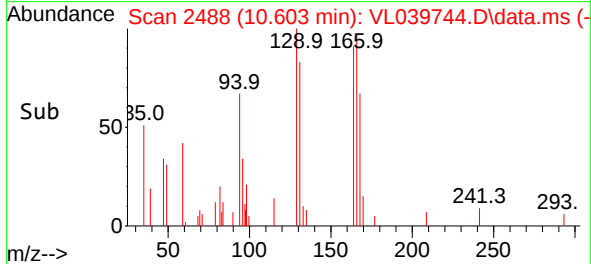
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.1



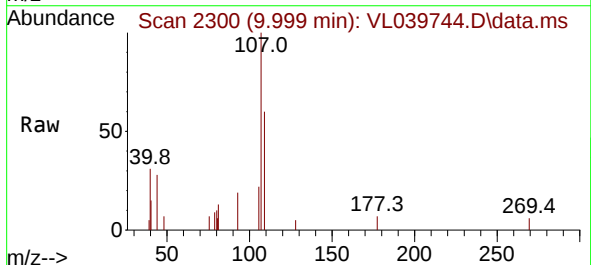
Tgt Ion:164 Resp: 636
Ion Ratio Lower Upper
164 100
166 105.6 100.0 150.0
129 109.3 82.1 123.1
131 90.4 77.4 116.0

Manual Integrations
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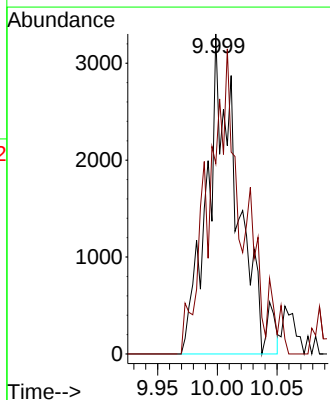
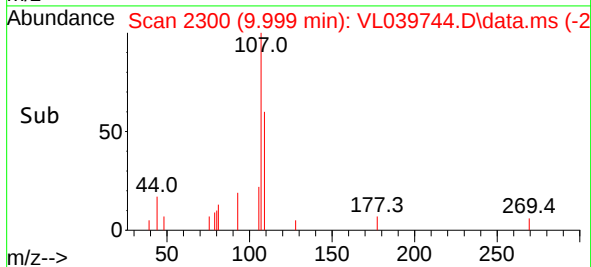
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

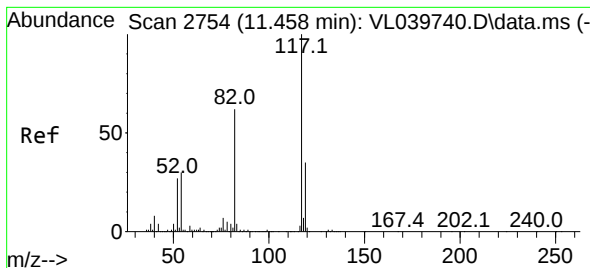


#54
1,2-Dibromoethane
Concen: 0.060 ppbv m
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35



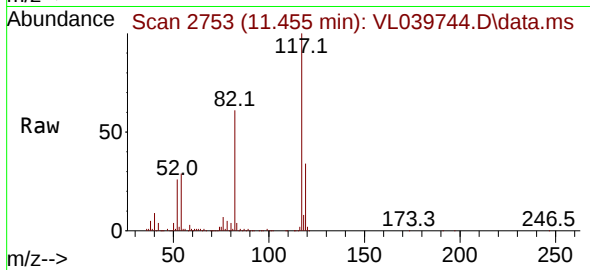
Tgt Ion:107 Resp: 5846
Ion Ratio Lower Upper
107 100
109 59.5 75.2 112.8#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

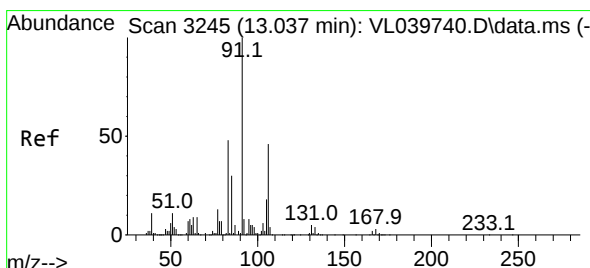
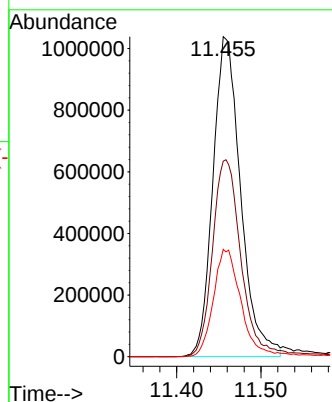
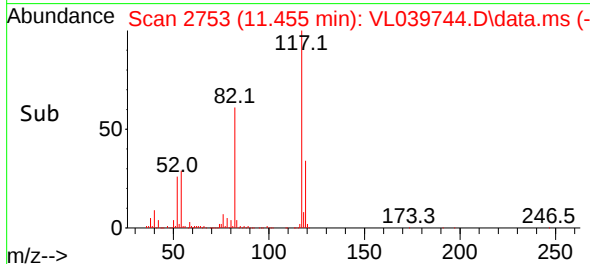
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



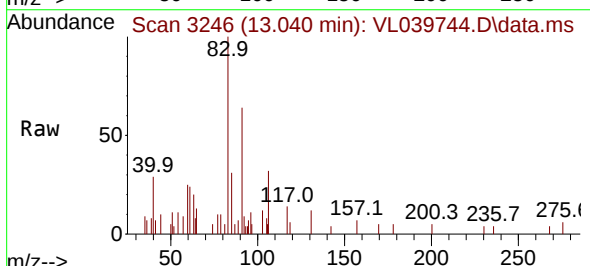
Tgt Ion: 117 Resp: 2369718
Ion Ratio Lower Upper
117 100
82 65.3 51.4 77.0
119 34.4 24.6 36.8

Manual Integrations
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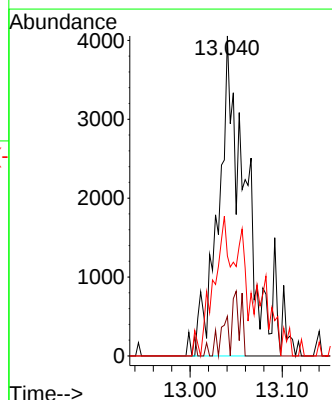
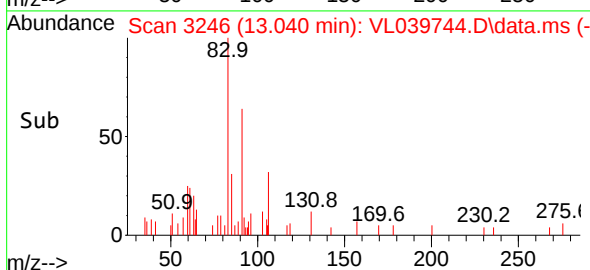
Reviewed By :Semsettin Yesilyurt 10/24/2022
Supervised By :Mahesh Dadoda 10/24/2022

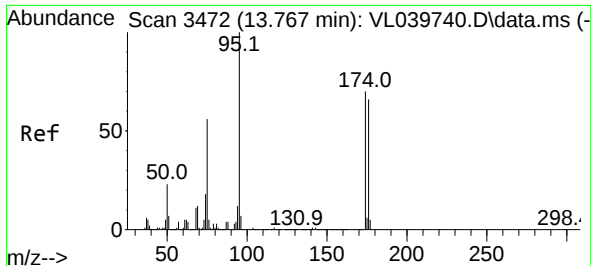


#63
1,1,2,2-Tetrachloroethane
Concen: 0.090 ppbv m
RT: 13.040 min Scan# 3246
Delta R.T. 0.003 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35



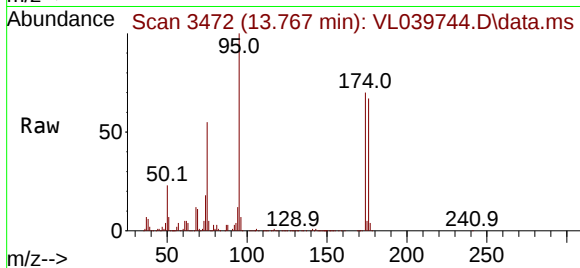
Tgt Ion: 83 Resp: 8333
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 58.8 32.8 98.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.589 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.000 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35

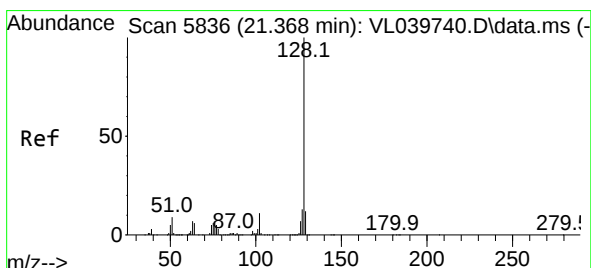
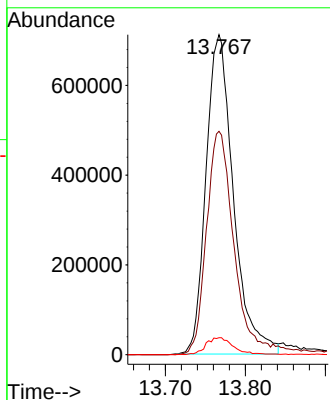
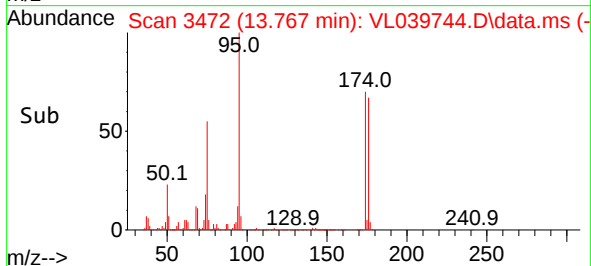
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



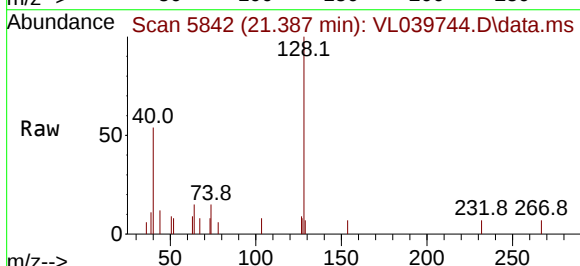
Tgt Ion: 95 Resp: 1696320
Ion Ratio Lower Upper
95 100
174 72.8 56.5 84.7
175 5.4 4.2 6.4

Manual Integrations
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Supervised By :Mahesh Dadoda 10/24/2022



#79
Naphthalene
Concen: 0.038 ppbv m
RT: 21.387 min Scan# 5842
Delta R.T. 0.019 min
Lab File: VL039744.D
Acq: 21 Oct 2022 12:35



Tgt Ion:128 Resp: 6803
Ion Ratio Lower Upper
128 100
127 8.3 10.8 16.2#
129 7.3 9.4 14.0#

