

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039398.D
 Acq On : 29 Jun 2022 14:24
 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 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 15:37:50 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022

QLast Update : Wed Jun 29 15:33:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1255409	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.159	114	3597318	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	3083284	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.391	95	2263070	8.878	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.250	62	9611	0.125	ppbv	96
32) 1,1,1-Trichloroethane	6.497	97	19285	0.090	ppbv #	84
35) Carbon Tetrachloride	7.005	117	21484m	0.082	ppbv	
38) Trichloroethene	7.819	130	13957m	0.104	ppbv	
52) Tetrachloroethene	11.195	164	11368m	0.100	ppbv	
54) 1,2-Dibromoethane	10.584	107	12959m	0.080	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.661	83	16513m	0.084	ppbv	
79) Naphthalene	22.181	128	14831m	0.046	ppbv	

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

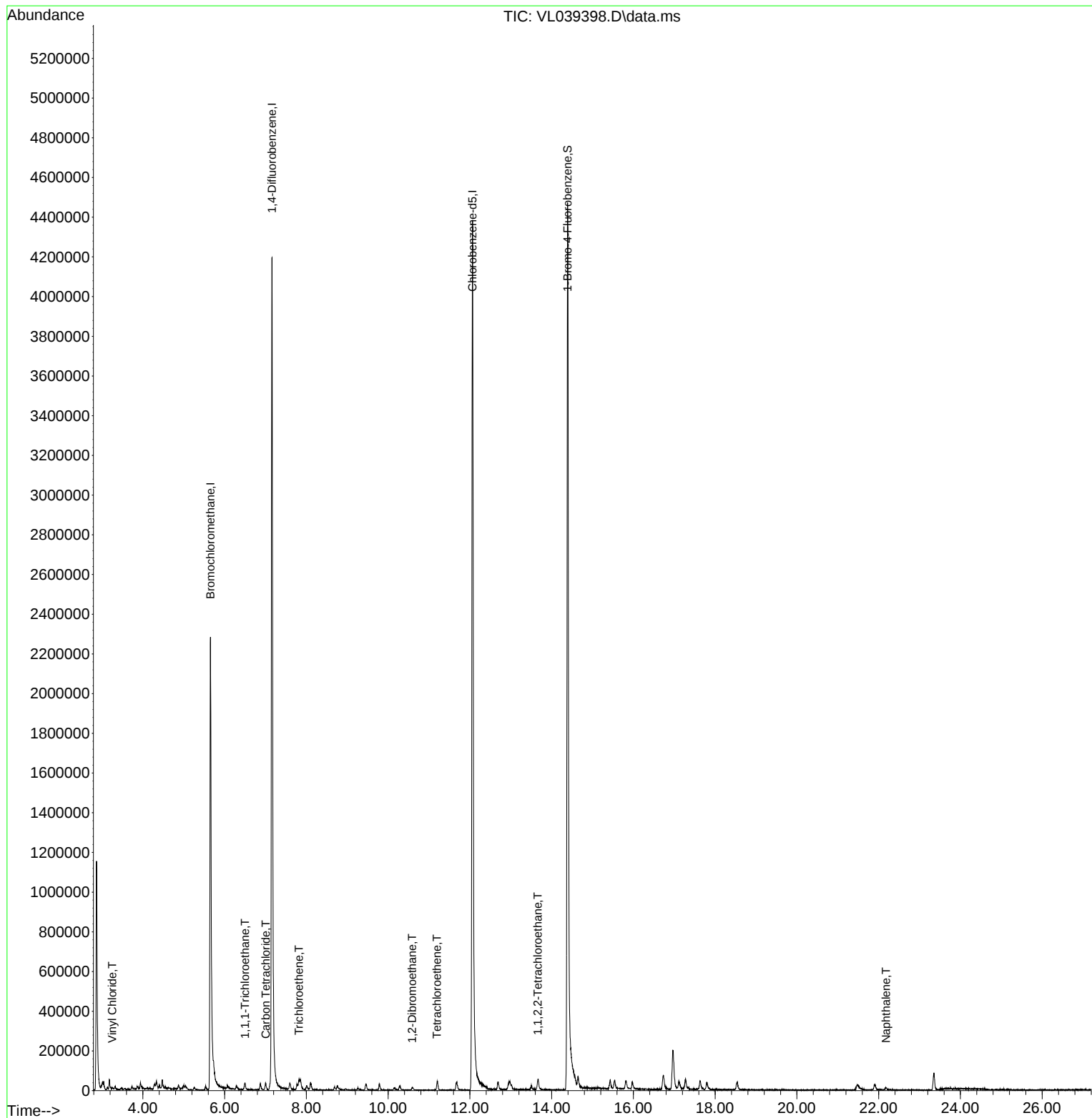
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039398.D
Acq On : 29 Jun 2022 14:24
Operator : SY/AP
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

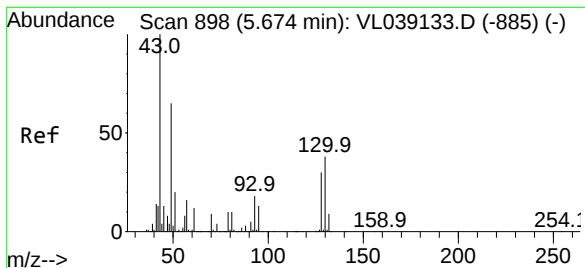
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Jun 29 15:37:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration

Manual Integrations
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Supervised By :Mahesh Dadoda 07/01/2022





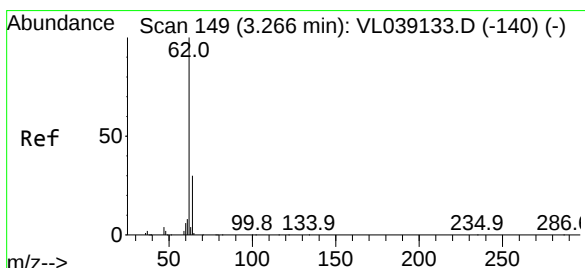
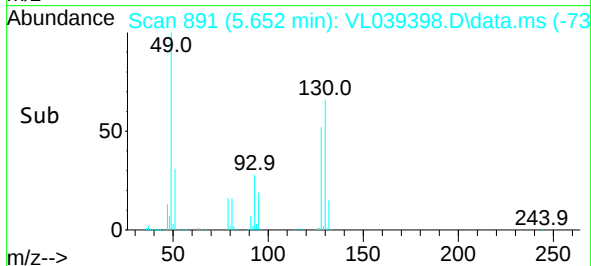
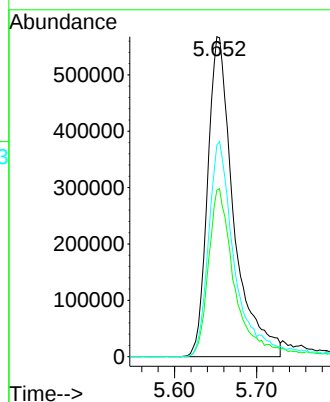
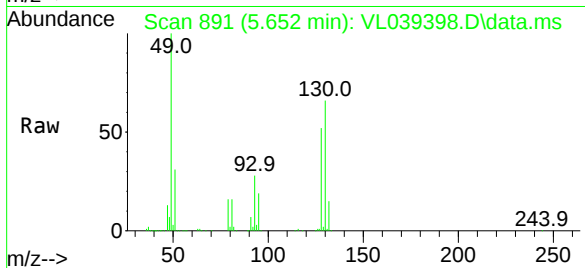
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. -0.000 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 49 Resp: 1255409
Ion Ratio Lower Upper
49 100
128 55.4 26.7 80.0
130 69.3 34.3 102.8

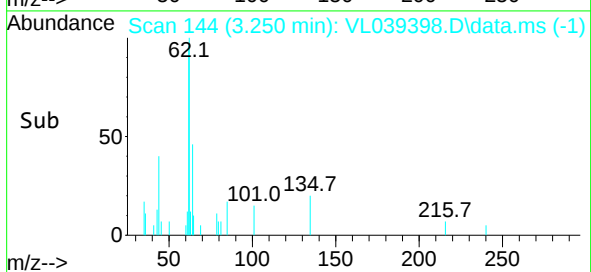
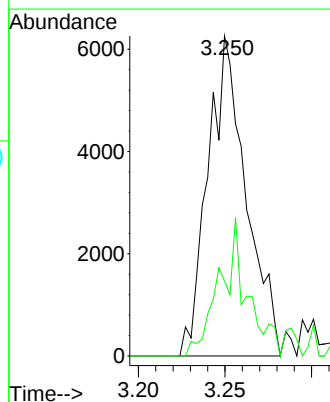
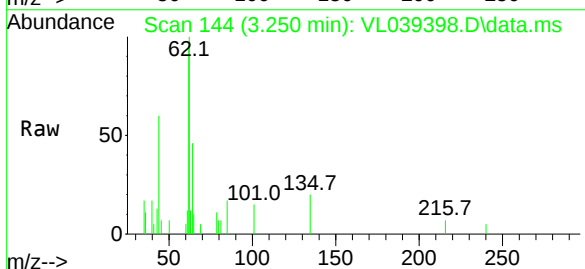
Manual Integrations
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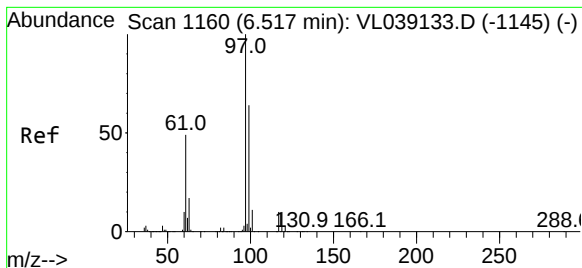
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#5
Vinyl Chloride
Concen: 0.125 ppbv
RT: 3.250 min Scan# 144
Delta R.T. 0.003 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24

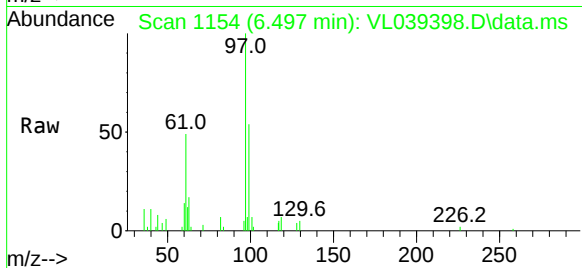
Tgt Ion: 62 Resp: 9611
Ion Ratio Lower Upper
62 100
64 28.3 24.6 36.8





#32
1,1,1-Trichloroethane
Concen: 0.090 ppbv
RT: 6.497 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24

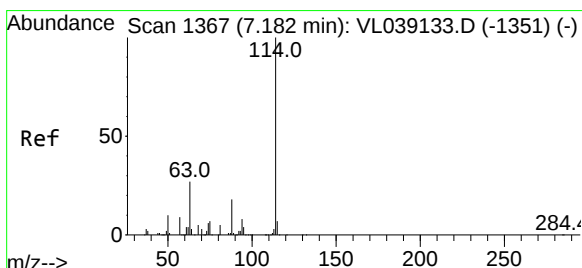
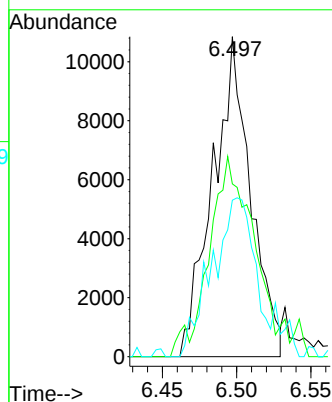
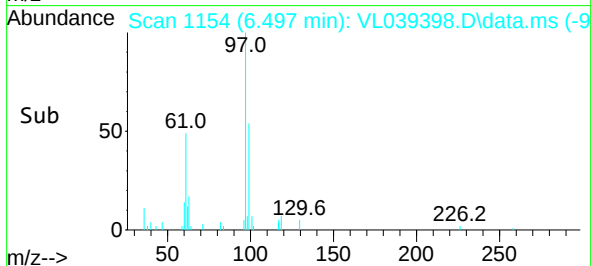
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



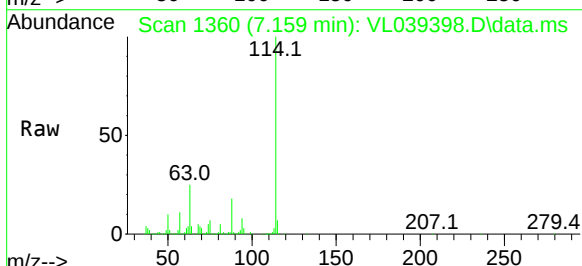
Tgt Ion: 97 Resp: 1928
Ion Ratio Lower Upper
97 100
99 77.4 52.3 78.5
61 63.2 40.9 61.3

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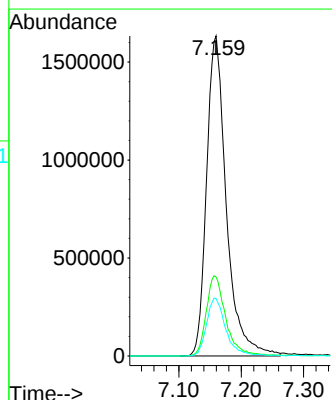
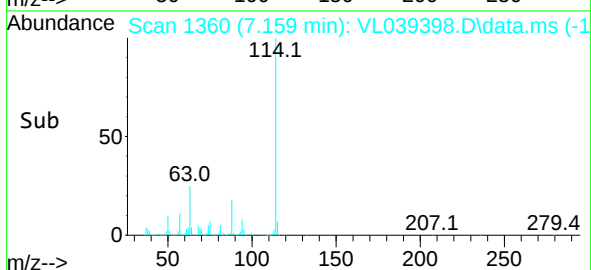
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

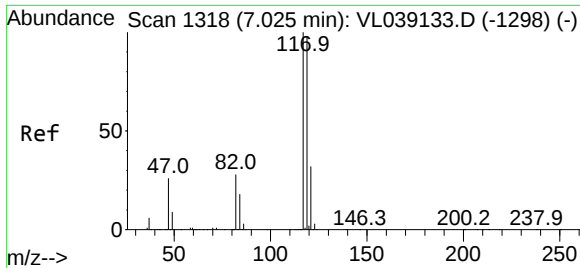


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.159 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24



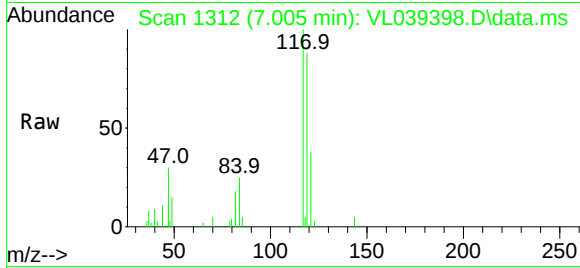
Tgt Ion:114 Resp: 3597318
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 17.7 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.082 ppbv m
RT: 7.005 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24

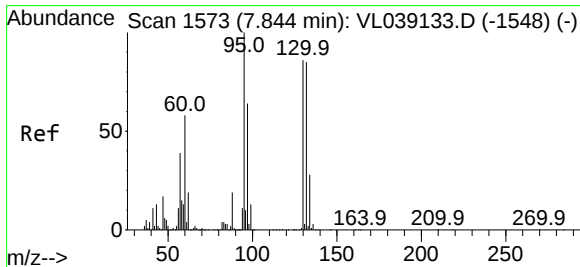
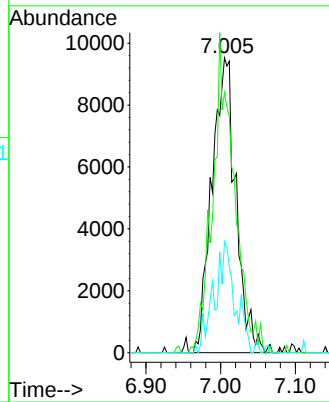
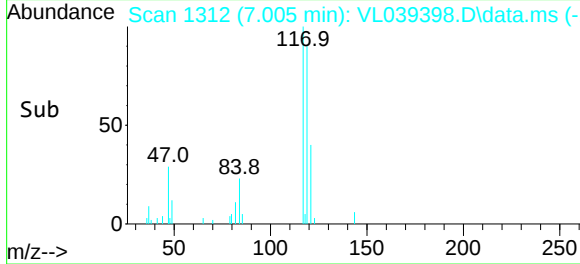
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 21484
Ion Ratio Lower Upper
117 100
119 88.3 75.4 113.2
121 37.7 24.2 36.2

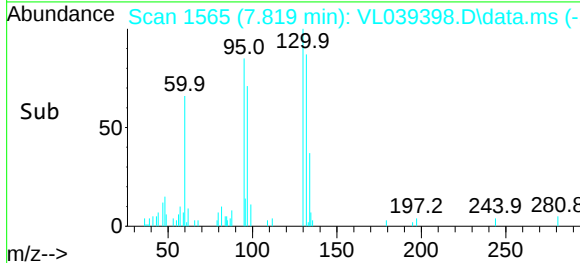
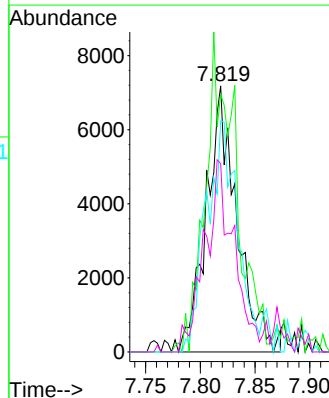
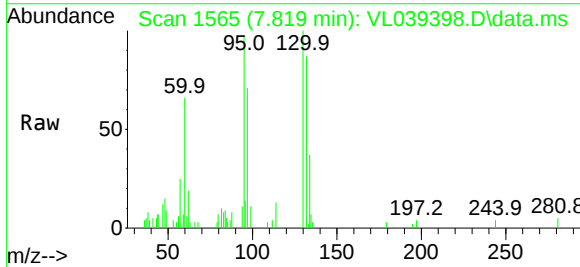
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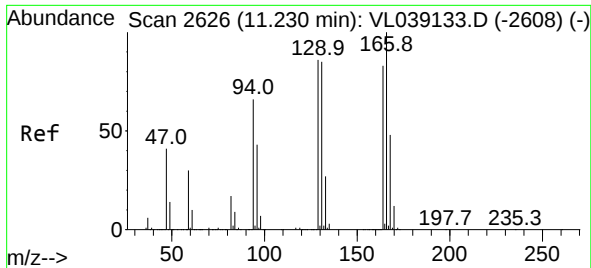
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 0.104 ppbv m
RT: 7.819 min Scan# 1565
Delta R.T. 0.003 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24

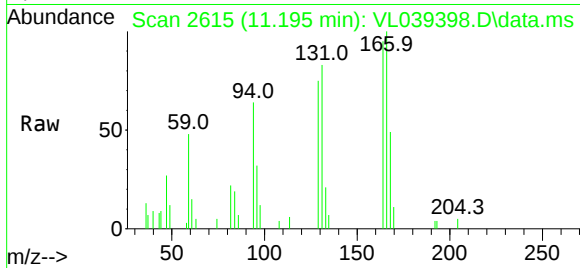
Tgt Ion:130 Resp: 13957
Ion Ratio Lower Upper
130 100
95 96.8 87.3 130.9
132 86.8 76.7 115.1
97 70.8 56.5 84.7





#52
Tetrachloroethene
Concen: 0.100 ppbv m
RT: 11.195 min Scan# 2615
Delta R.T. -0.003 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24

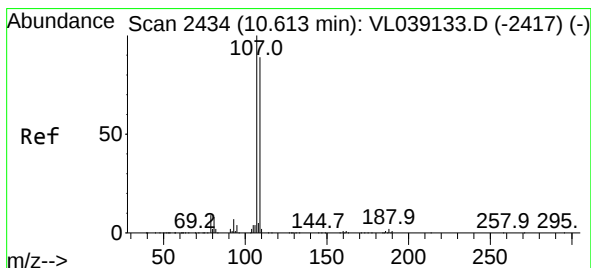
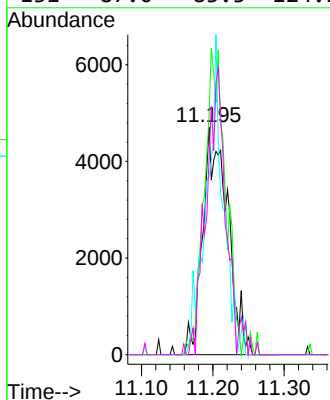
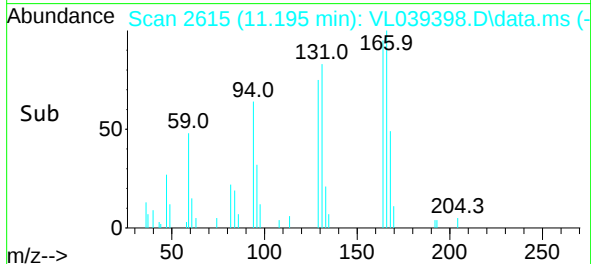
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.1



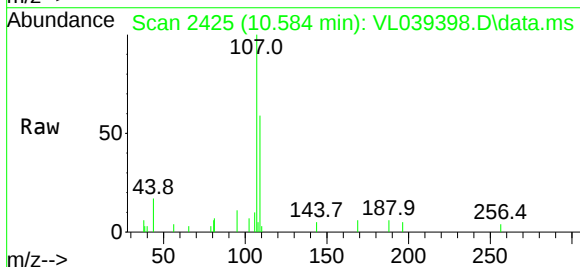
Tgt Ion:164 Resp: 11368
Ion Ratio Lower Upper
164 100
166 104.7 102.2 153.2
129 78.5 85.8 128.8
131 87.0 83.3 124.9

Manual Integrations
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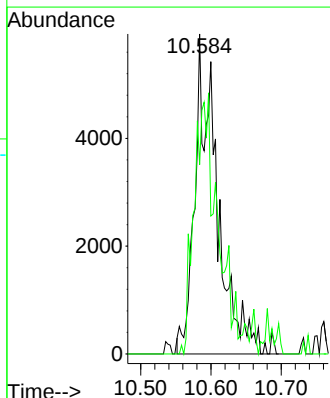
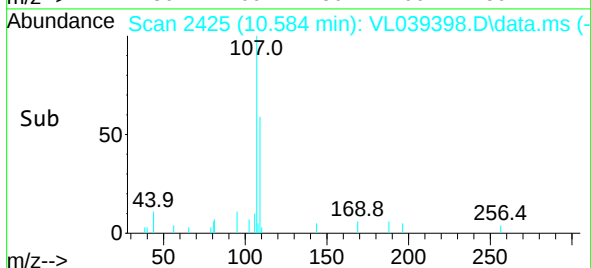
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

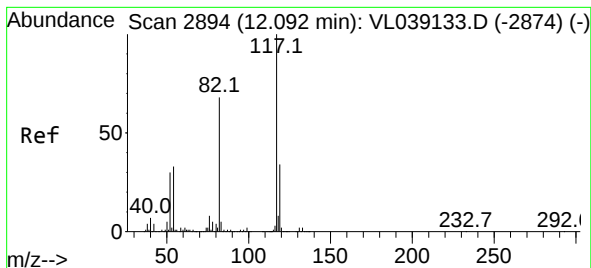


#54
1,2-Dibromoethane
Concen: 0.080 ppbv m
RT: 10.584 min Scan# 2425
Delta R.T. -0.003 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24



Tgt Ion:107 Resp: 12959
Ion Ratio Lower Upper
107 100
109 59.2 74.8 112.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.066 min Scan# 2886

Delta R.T. -0.000 min

Lab File: VL039398.D

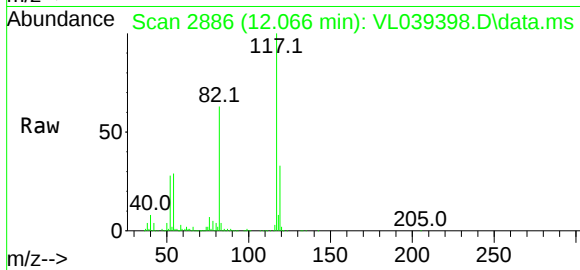
Acq: 29 Jun 2022 14:24

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1



Tgt Ion: 117 Resp: 3083284

Ion Ratio Lower Upper

117 100

82 65.3 50.8 76.2

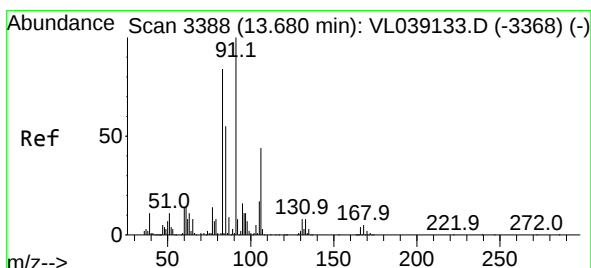
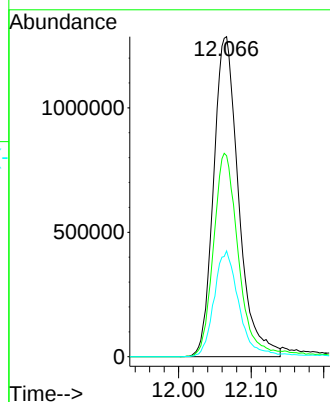
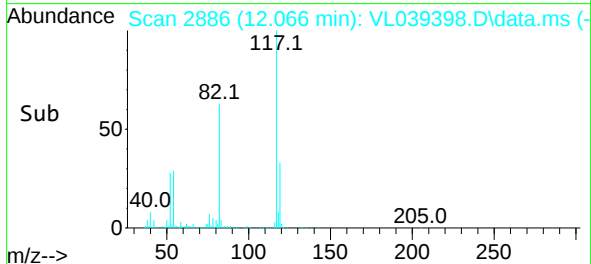
119 33.9 24.1 36.1

Manual Integrations

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#63

1,1,2,2-Tetrachloroethane

Concen: 0.084 ppbv m

RT: 13.661 min Scan# 3382

Delta R.T. 0.009 min

Lab File: VL039398.D

Acq: 29 Jun 2022 14:24

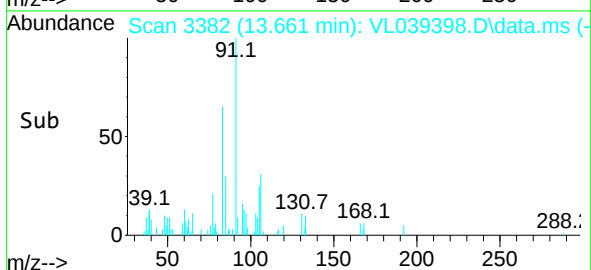
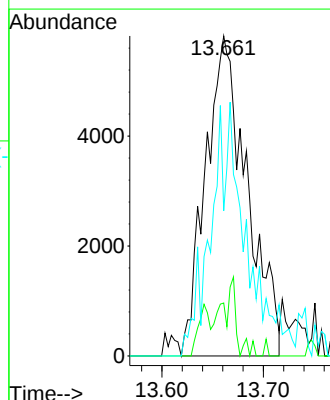
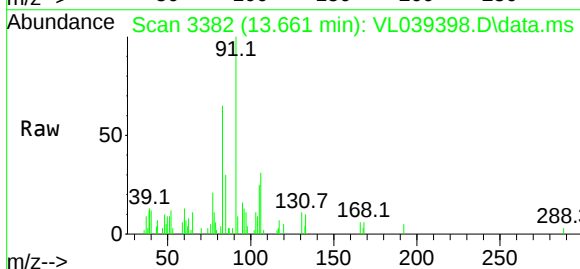
Tgt Ion: 83 Resp: 16513

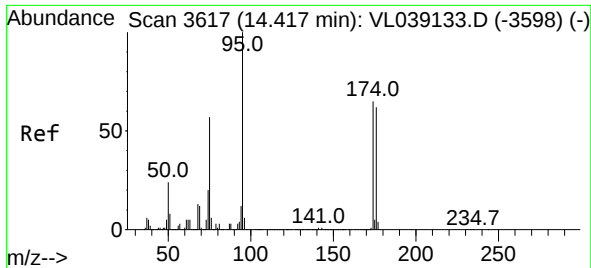
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

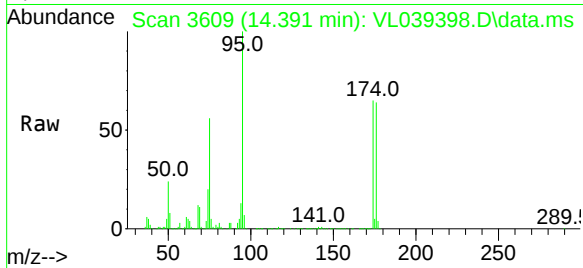
85 0.0 33.1 99.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 8.878 ppbv
RT: 14.391 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24

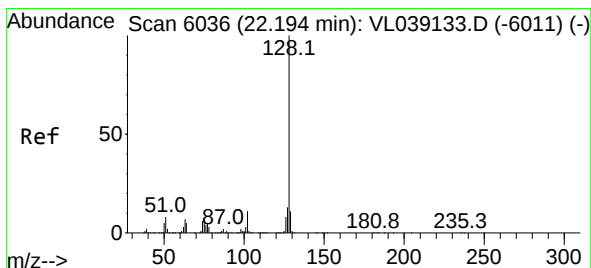
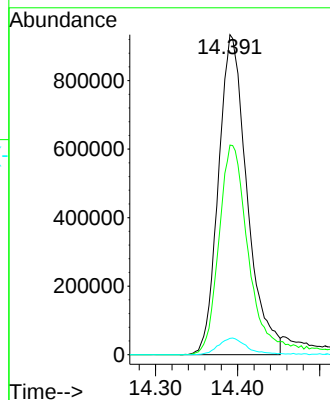
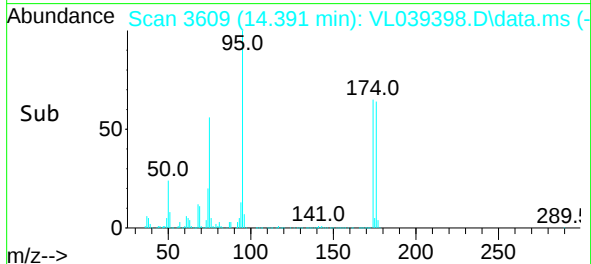
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



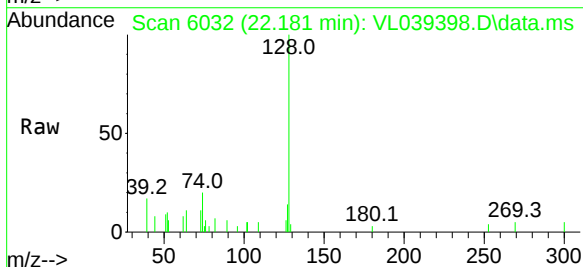
Tgt Ion: 95 Resp: 2263070
Ion Ratio Lower Upper
95 100
174 72.1 55.9 83.9
175 5.4 4.2 6.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#79
Naphthalene
Concen: 0.046 ppbv m
RT: 22.181 min Scan# 6032
Delta R.T. 0.022 min
Lab File: VL039398.D
Acq: 29 Jun 2022 14:24



Tgt Ion:128 Resp: 14831
Ion Ratio Lower Upper
128 100
127 14.1 10.6 15.8
129 4.4 8.8 13.2#

