

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039399.D
 Acq On : 29 Jun 2022 15:03
 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 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 15:39:20 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	5.655	49	1236433	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.156	114	3438040	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	3022899	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2253272	9.016	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.250	62	2969m	0.039	ppbv	
32) 1,1,1-Trichloroethane	6.497	97	7253m	0.035	ppbv	
35) Carbon Tetrachloride	7.005	117	6572m	0.026	ppbv	
38) Trichloroethene	7.819	130	4739m	0.037	ppbv	
52) Tetrachloroethene	11.204	164	3717m	0.034	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.658	83	7201m	0.037	ppbv	

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

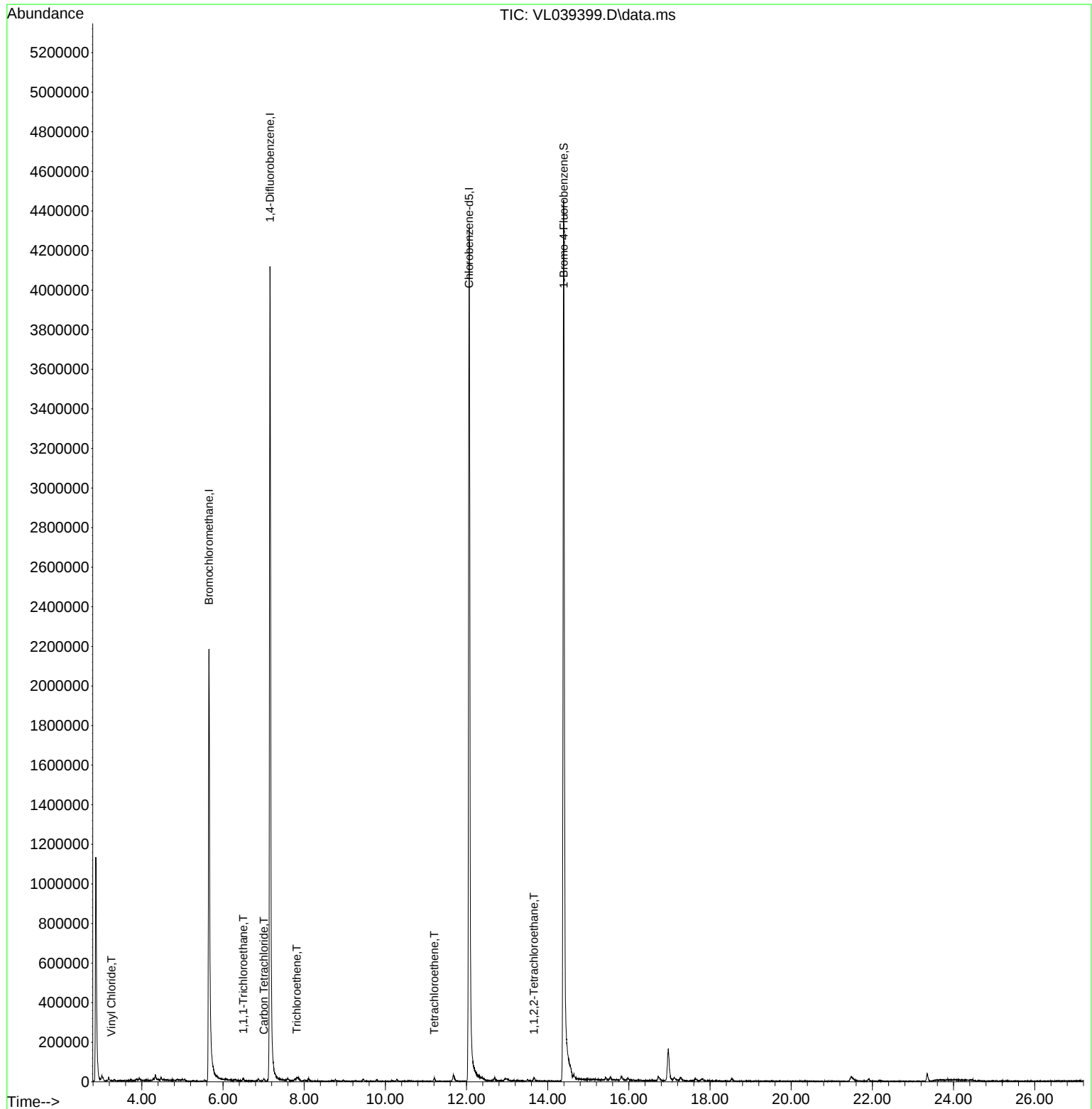
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039399.D
Acq On : 29 Jun 2022 15:03
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

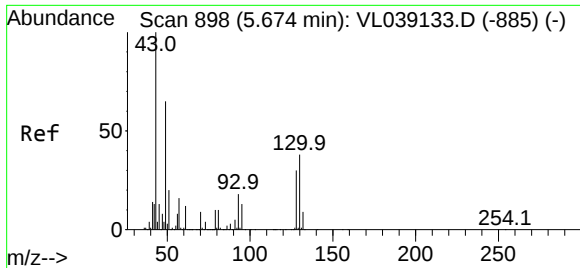
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Manual Integrations
APPROVED

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

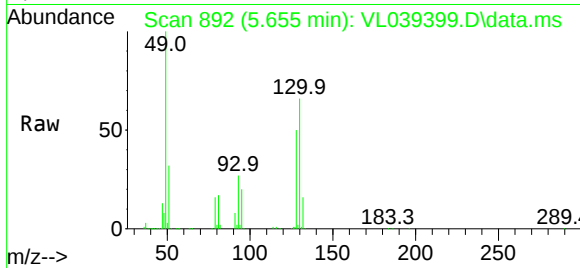
Quant Time: Jun 29 15:39:20 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

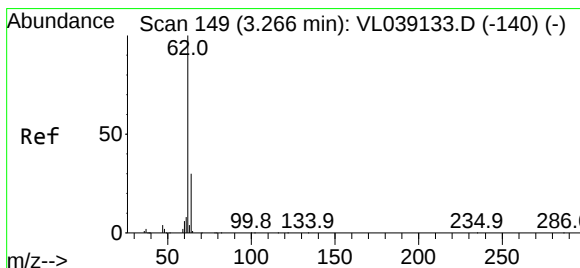
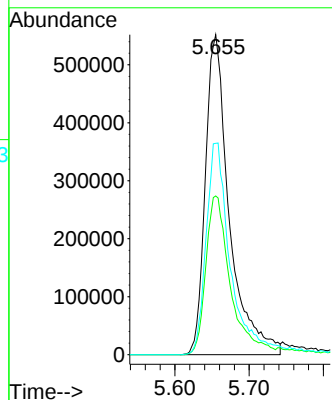
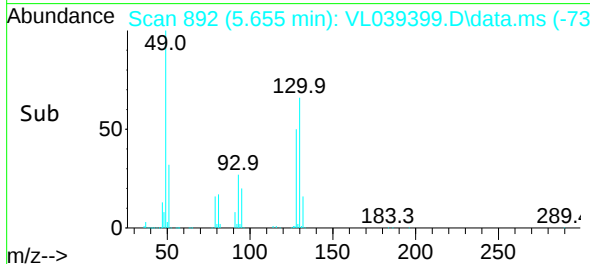
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



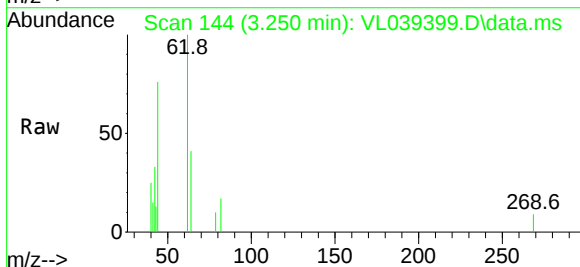
Tgt Ion: 49 Resp: 123643
Ion Ratio Lower Upper
49 100
128 53.3 26.7 80.0
130 70.5 34.3 102.8

Manual Integrations
APPROVED

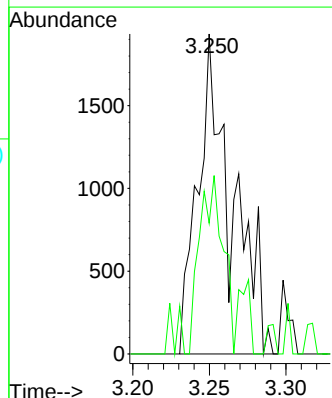
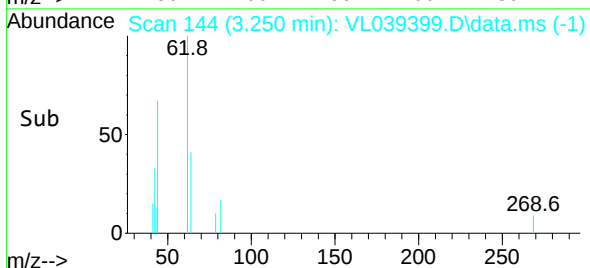
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

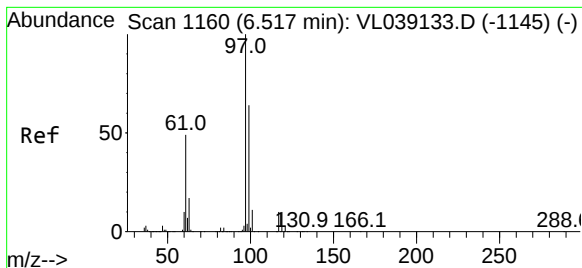


#5
Vinyl Chloride
Concen: 0.039 ppbv m
RT: 3.250 min Scan# 144
Delta R.T. 0.003 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03



Tgt Ion: 62 Resp: 2969
Ion Ratio Lower Upper
62 100
64 40.9 24.6 36.8





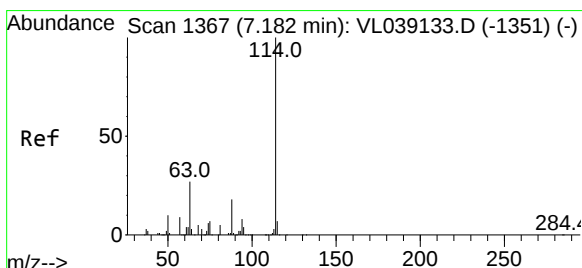
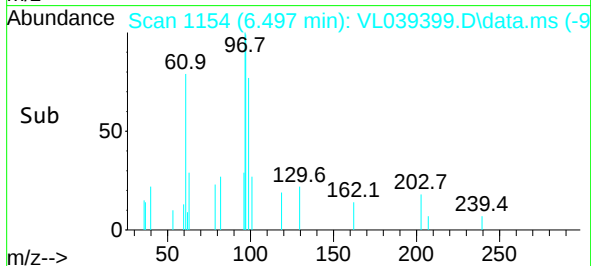
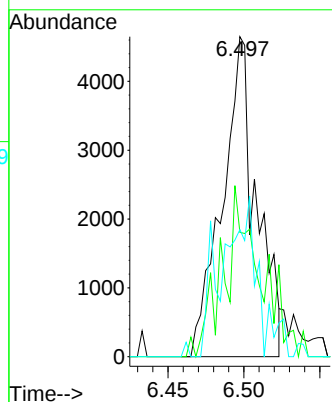
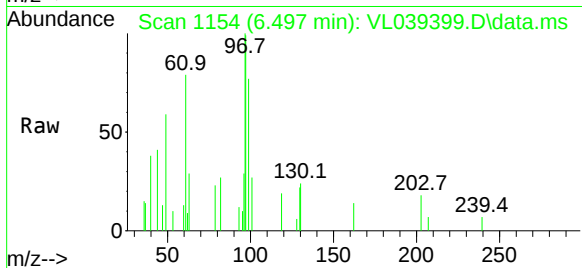
#32
1,1,1-Trichloroethane
Concen: 0.035 ppbv m
RT: 6.497 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 725
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5
61 54.0 40.9 61.3

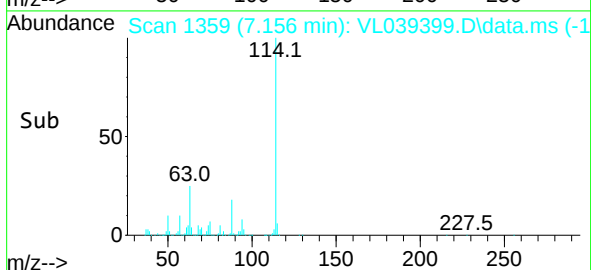
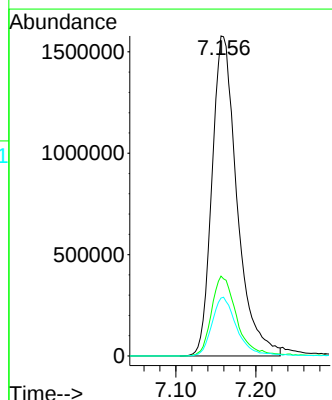
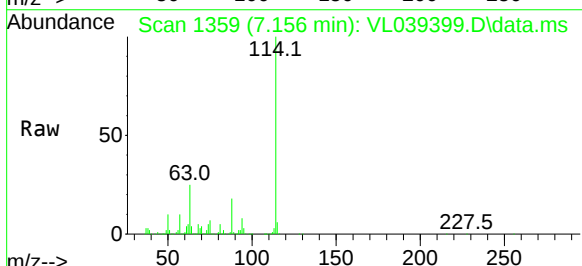
Manual Integrations
APPROVED

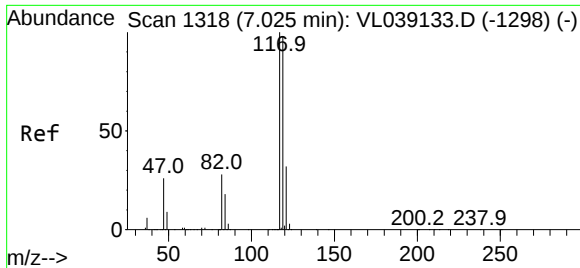
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.156 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

Tgt Ion:114 Resp: 3438040
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.4 14.5 21.7





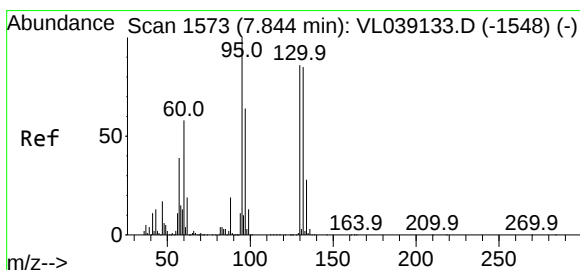
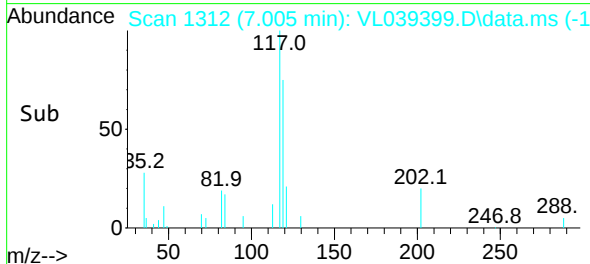
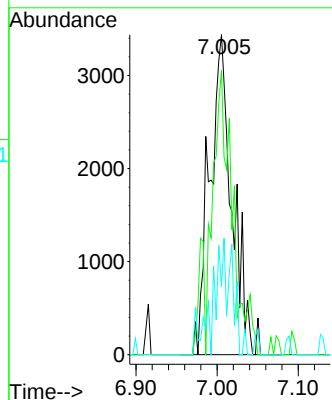
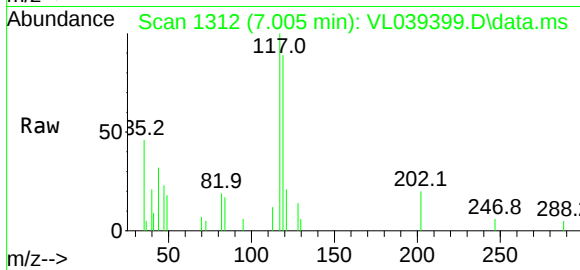
#35
Carbon Tetrachloride
Concen: 0.026 ppbv m
RT: 7.005 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.03

Tgt Ion:117 Resp: 6572
Ion Ratio Lower Upper
117 100
119 88.8 75.4 113.2
121 21.1 24.2 36.2

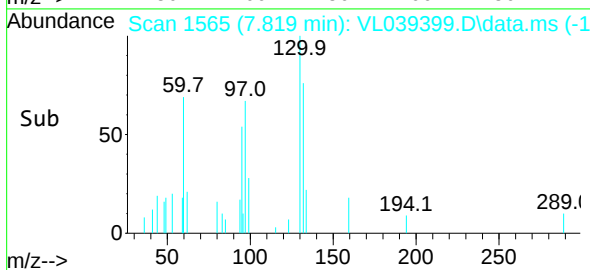
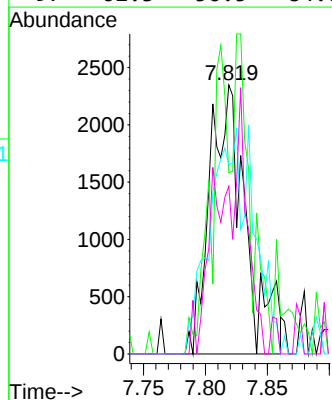
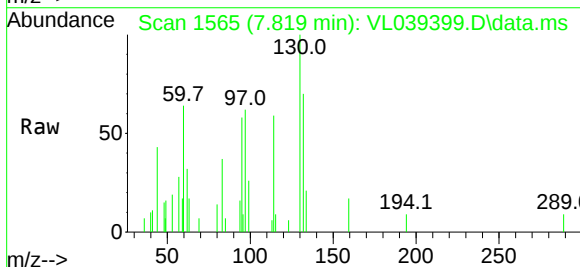
Manual Integrations
APPROVED

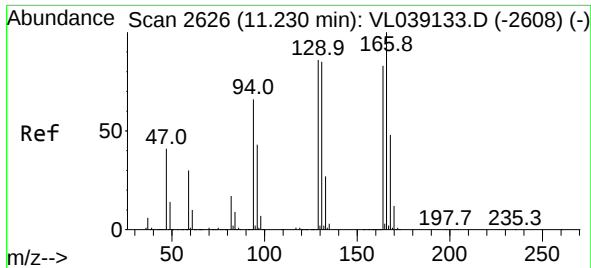
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 0.037 ppbv m
RT: 7.819 min Scan# 1565
Delta R.T. 0.003 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

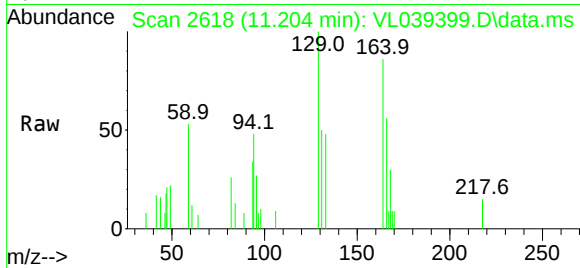
Tgt Ion:130 Resp: 4739
Ion Ratio Lower Upper
130 100
95 58.1 87.3 130.9#
132 70.4 76.7 115.1#
97 62.3 56.5 84.7





#52
Tetrachloroethene
Concen: 0.034 ppbv m
RT: 11.204 min Scan# 2618
Delta R.T. 0.006 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

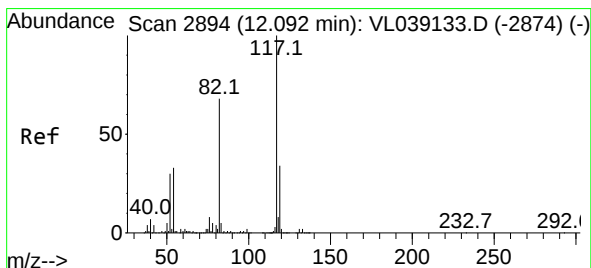
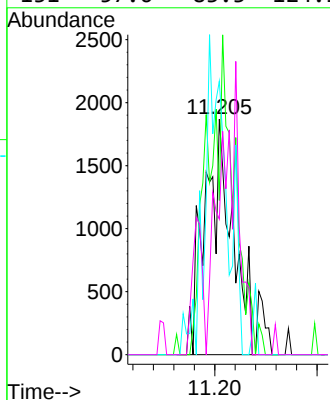
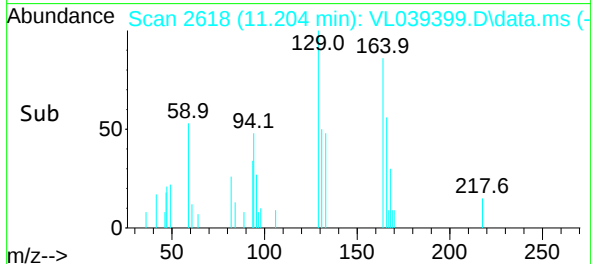
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



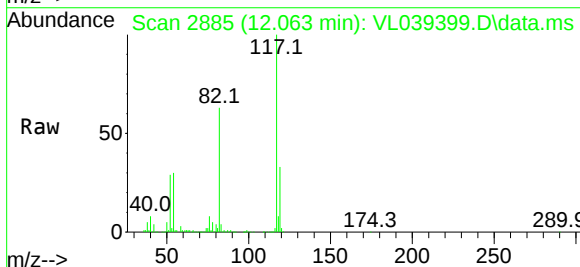
Tgt Ion:164 Resp: 371
Ion Ratio Lower Upper
164 100
166 65.5 102.2 153.2
129 116.1 85.8 128.8
131 57.6 83.3 124.9#

Manual Integrations
APPROVED

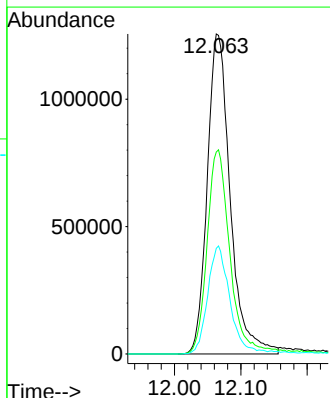
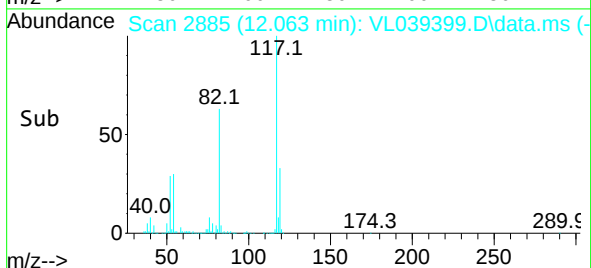
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

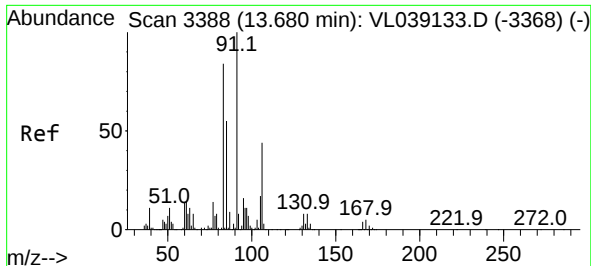


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.003 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03



Tgt Ion:117 Resp: 3022899
Ion Ratio Lower Upper
117 100
82 64.8 50.8 76.2
119 34.2 24.1 36.1





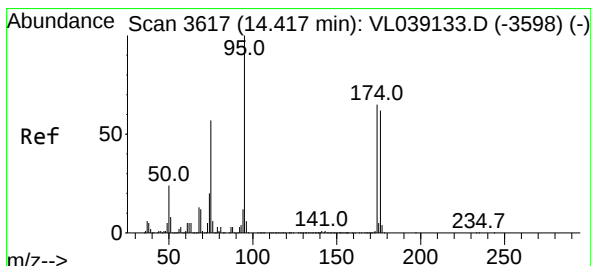
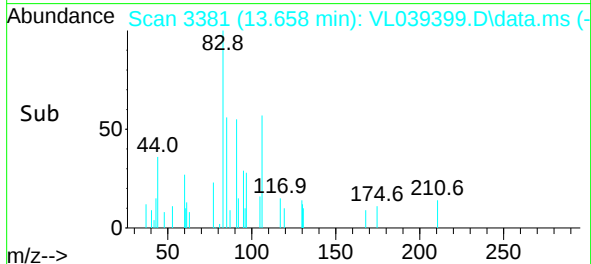
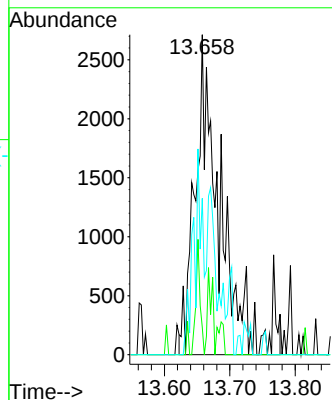
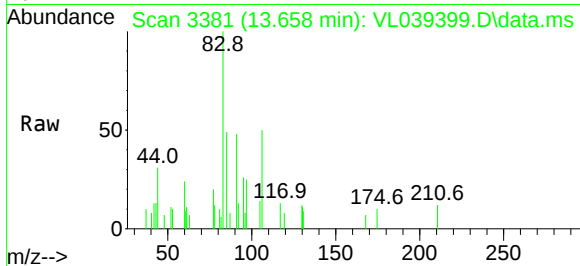
#63
1,1,2,2-Tetrachloroethane
Concen: 0.037 ppbv m
RT: 13.658 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 83 Resp: 720
Ion Ratio Lower Upper
83 100
131 14.5 5.3 15.8
85 50.3 33.1 99.5

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.016 ppbv
RT: 14.394 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VL039399.D
Acq: 29 Jun 2022 15:03

Tgt Ion: 95 Resp: 2253272
Ion Ratio Lower Upper
95 100
174 71.4 55.9 83.9
175 5.1 4.2 6.4

