

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039329.D
 Acq On : 22 Jun 2022 20:53
 Operator : SY/AP
 Sample : N3214-13 LOD 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:30:34 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 23 07:30:34 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Bromochloromethane	5.668	49	1109836	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3077594	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2737162	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2112736	9.336	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.400%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.269	62	2908m	0.043	ppbv	
32) 1,1,1-Trichloroethane	6.507	97	6784m	0.036	ppbv	
38) Trichloroethene	7.825	130	4387m	0.038	ppbv	
52) Tetrachloroethene	11.204	164	3478m	0.036	ppbv	

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

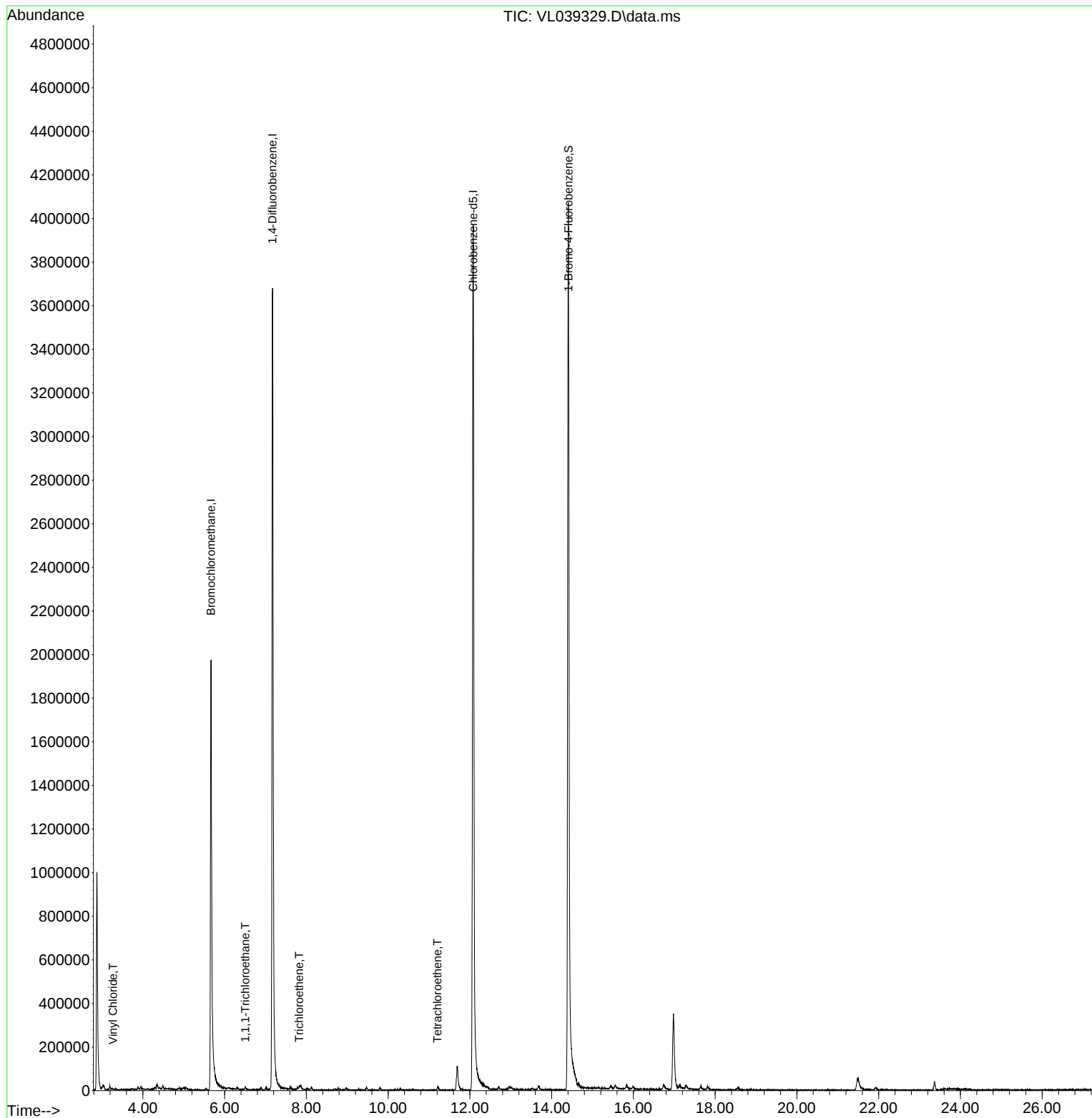
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
Data File : VL039329.D
Acq On : 22 Jun 2022 20:53
Operator : SY/AP
Sample : N3214-13 LOD 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

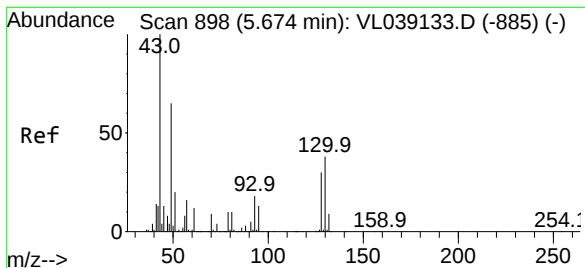
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:30:34 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

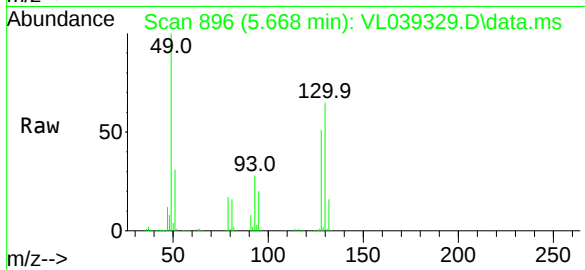
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 898
Delta R.T. -0.006 min
Lab File: VL039329.D
Acq: 22 Jun 2022 20:53

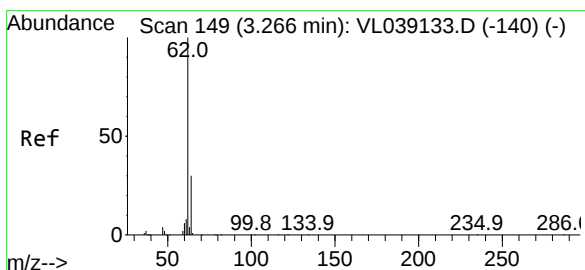
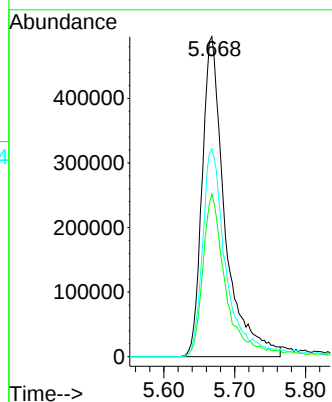
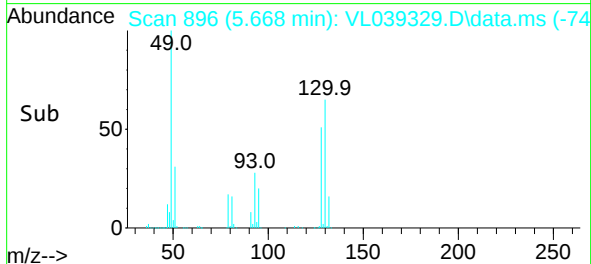
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 49 Resp: 1109830
Ion Ratio Lower Upper
49 100
128 52.2 24.7 74.1
130 68.5 31.4 94.0

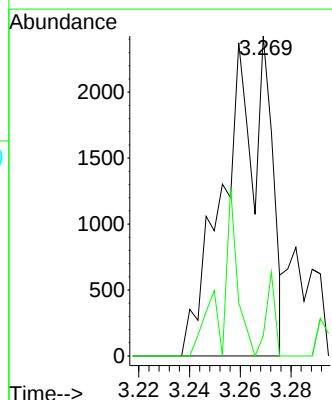
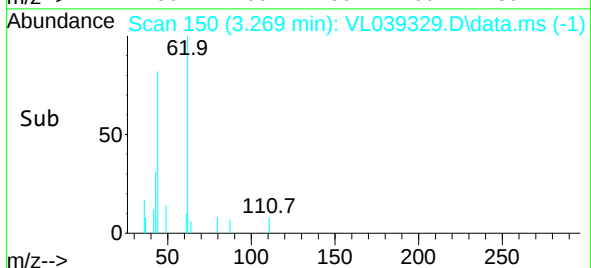
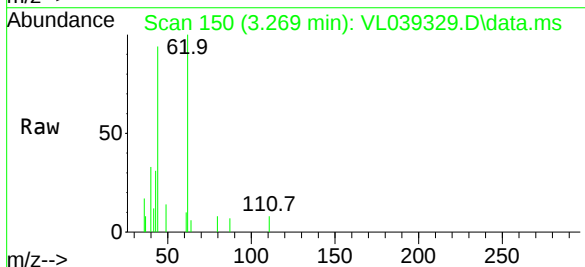
Manual Integrations
APPROVED

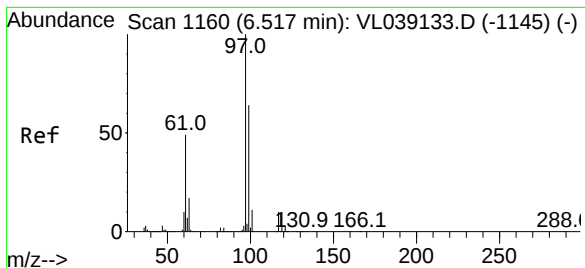
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#5
Vinyl Chloride
Concen: 0.043 ppbv m
RT: 3.269 min Scan# 150
Delta R.T. 0.003 min
Lab File: VL039329.D
Acq: 22 Jun 2022 20:53

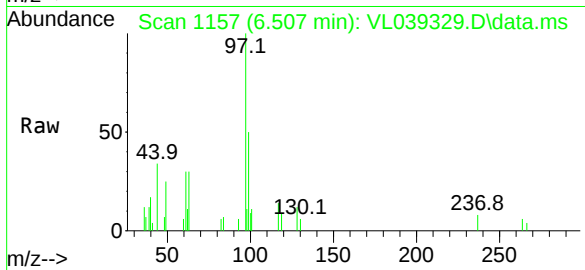
Tgt Ion: 62 Resp: 2908
Ion Ratio Lower Upper
62 100
64 6.3 24.2 36.2#





#32
1,1,1-Trichloroethane
Concen: 0.036 ppbv m
RT: 6.507 min Scan# 1160
Delta R.T. -0.010 min
Lab File: VL039329.D
Acq: 22 Jun 2022 20:53

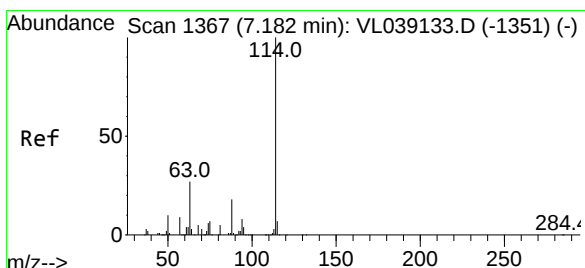
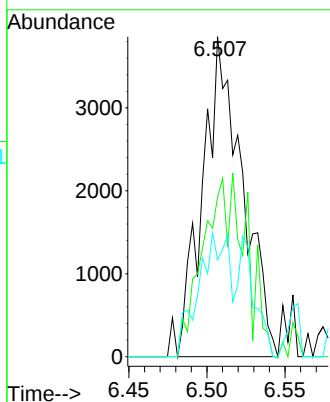
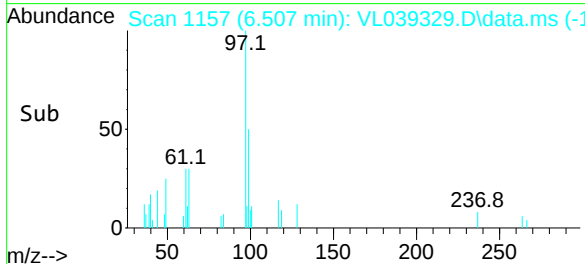
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 97 Resp: 6784
Ion Ratio Lower Upper
97 100
99 0.0 52.1 78.1
61 46.4 40.0 60.0

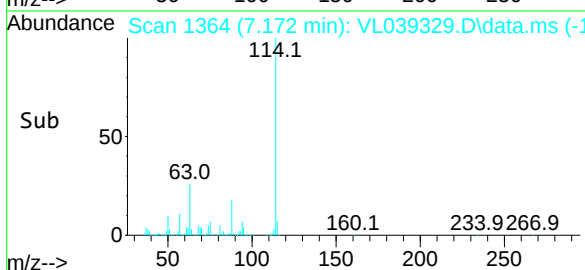
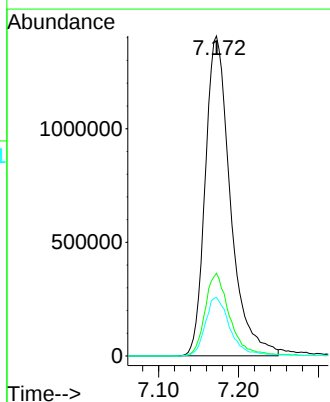
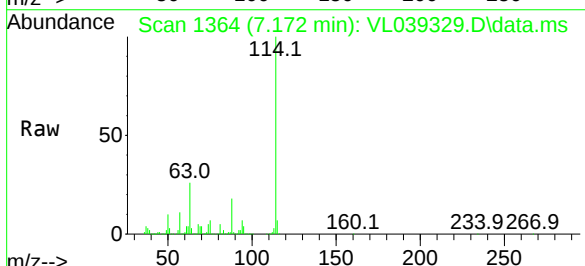
Manual Integrations
APPROVED

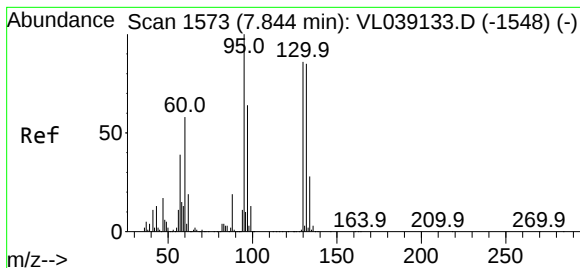
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 1364
Delta R.T. -0.010 min
Lab File: VL039329.D
Acq: 22 Jun 2022 20:53

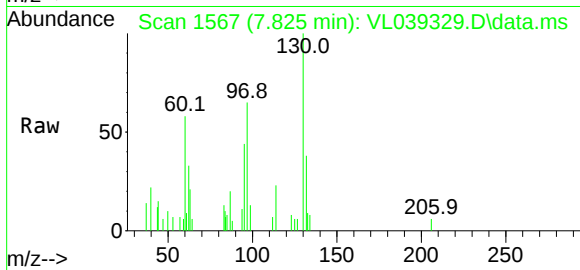
Tgt Ion:114 Resp: 3077594
Ion Ratio Lower Upper
114 100
63 25.8 21.7 32.5
88 18.2 14.8 22.2





#38
 Trichloroethene
 Concen: 0.038 ppbv m
 RT: 7.825 min Scan# 1
 Delta R.T. -0.019 min
 Lab File: VL039329.D
 Acq: 22 Jun 2022 20:53

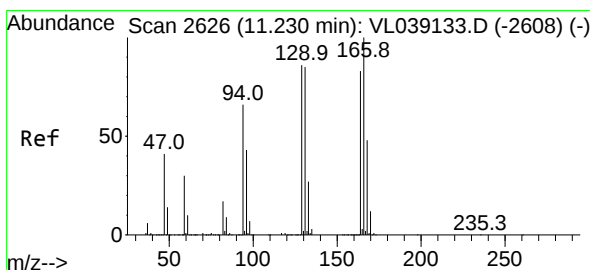
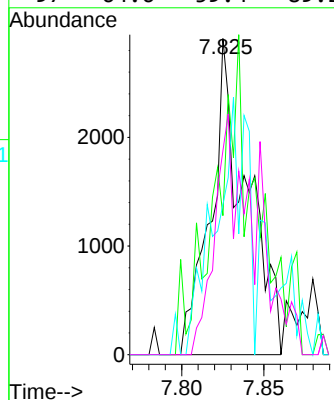
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion	Ratio	Lower	Upper
130	100		
95	44.0	93.3	139.9#
132	38.3	79.0	118.4#
97	64.6	59.4	89.2

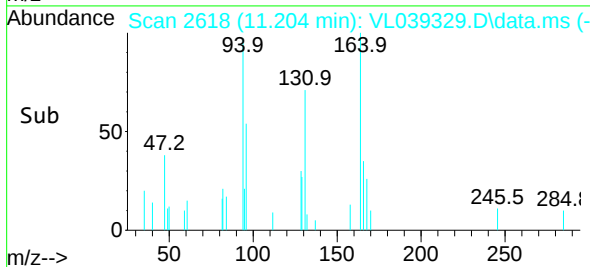
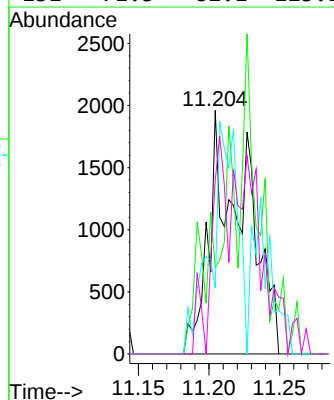
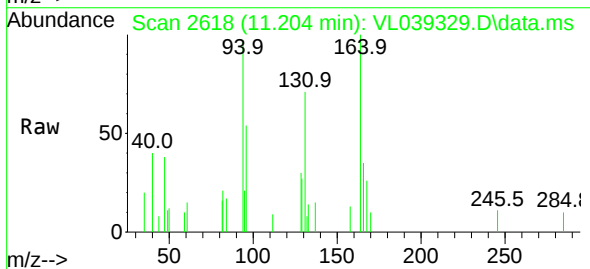
Manual Integrations
 APPROVED

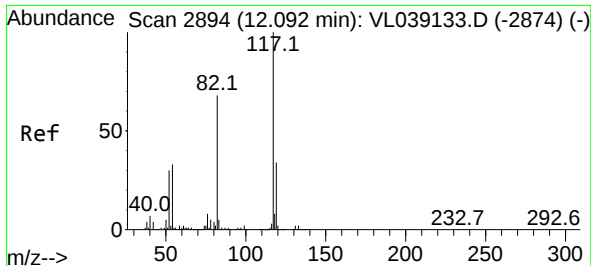
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#52
 Tetrachloroethene
 Concen: 0.036 ppbv m
 RT: 11.204 min Scan# 2618
 Delta R.T. -0.026 min
 Lab File: VL039329.D
 Acq: 22 Jun 2022 20:53

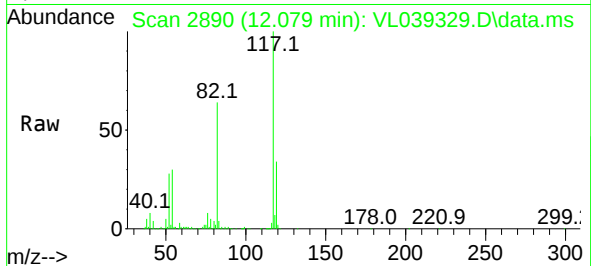
Tgt Ion	Ratio	Lower	Upper
164	100		
166	35.4	96.3	144.5#
129	27.1	82.5	123.7#
131	71.3	82.1	123.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039329.D
Acq: 22 Jun 2022 20:53

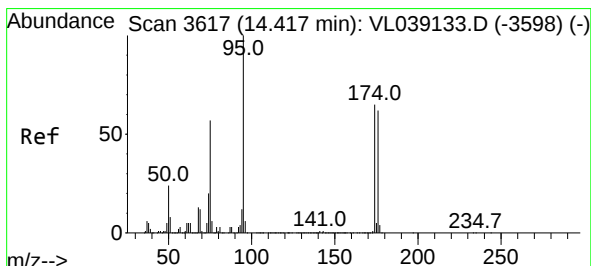
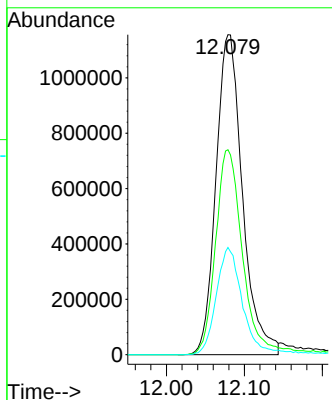
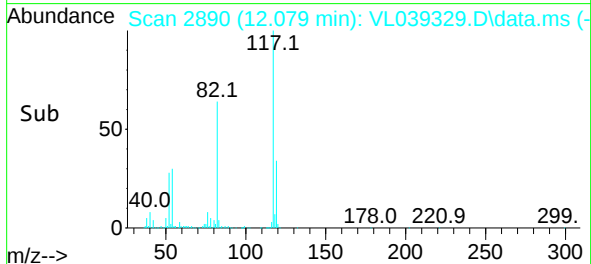
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



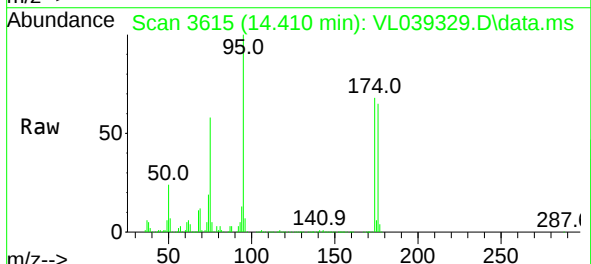
Tgt Ion: 117 Resp: 273716
Ion Ratio Lower Upper
117 100
82 66.9 55.1 82.7
119 33.7 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.336 ppbv
RT: 14.410 min Scan# 3615
Delta R.T. -0.006 min
Lab File: VL039329.D
Acq: 22 Jun 2022 20:53



Tgt Ion: 95 Resp: 2112736
Ion Ratio Lower Upper
95 100
174 71.3 53.8 80.8
175 5.2 4.1 6.1

