

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039328.D
 Acq On : 22 Jun 2022 20:14
 Operator : SY/AP
 Sample : N3214-14 LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022

Quant Time: Jun 23 08:48:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
 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	1104020	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3220652	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2794198	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2222828	9.622	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						
						Qvalue
5) Vinyl Chloride	3.279	62	2463m	0.037	ppbv	
38) Trichloroethene	7.835	130	5512m	0.046	ppbv	
52) Tetrachloroethene	11.208	164	3190m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.667	83	5675m	0.032	ppbv	

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

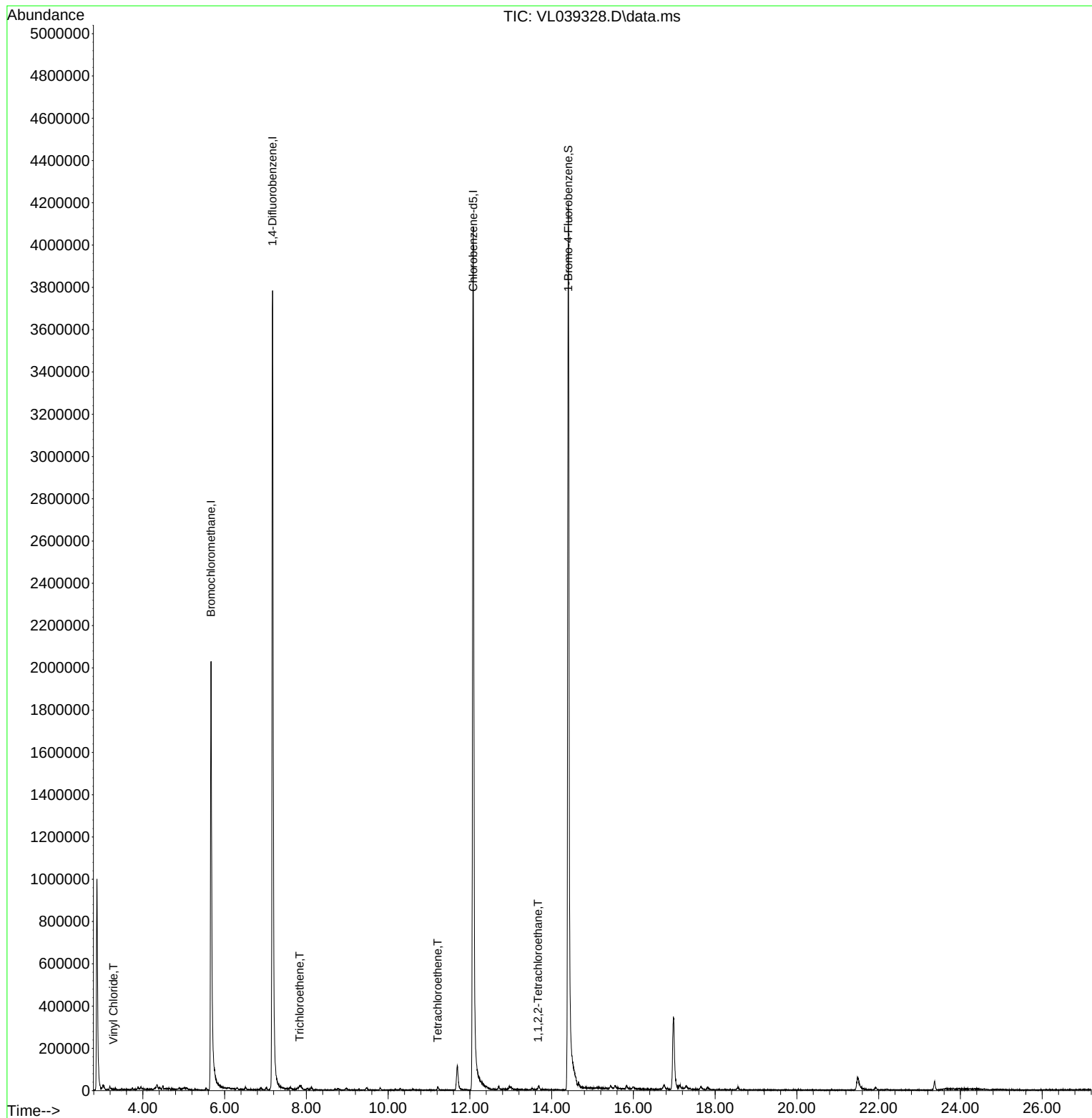
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
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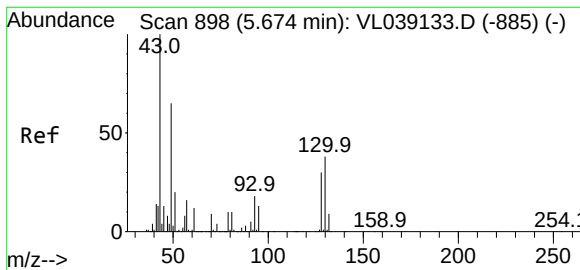
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

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QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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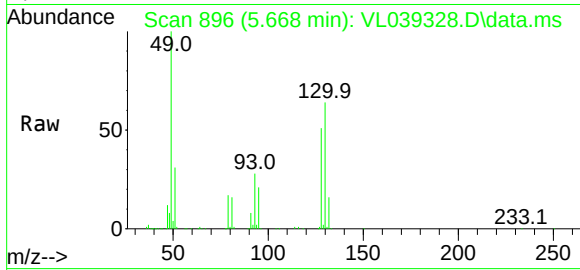
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 898
Delta R.T. -0.007 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

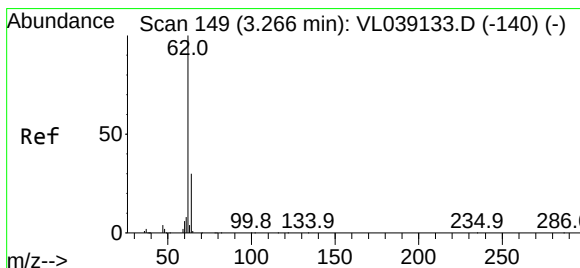
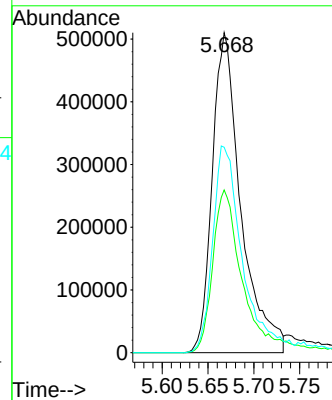
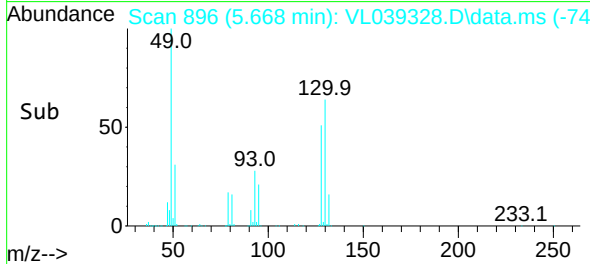
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 49 Resp: 1104020
Ion Ratio Lower Upper
49 100
128 56.0 24.7 74.1
130 72.8 31.4 94.0

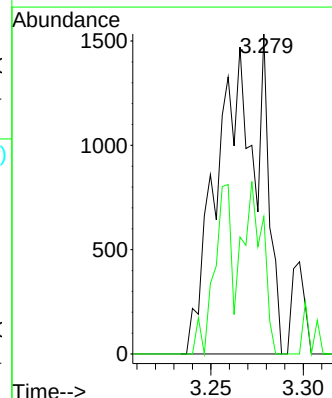
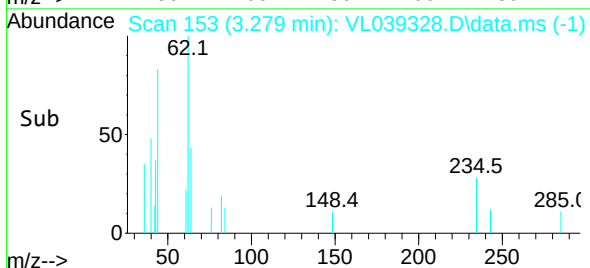
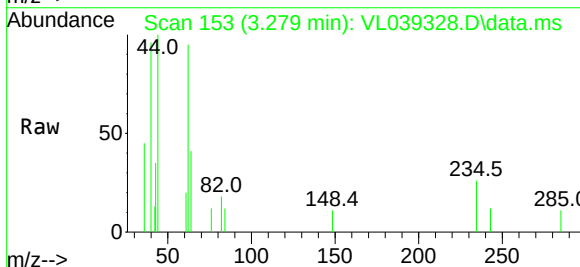
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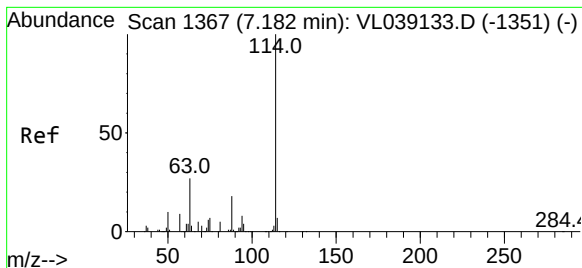
Reviewed By :Semsettin Yesilyurt 06/24/2022
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#5
Vinyl Chloride
Concen: 0.037 ppbv m
RT: 3.279 min Scan# 153
Delta R.T. 0.013 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

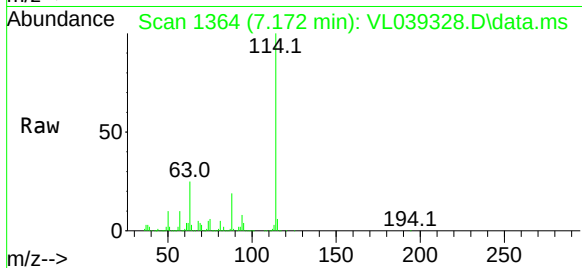
Tgt Ion: 62 Resp: 2463
Ion Ratio Lower Upper
62 100
64 42.9 24.2 36.2#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

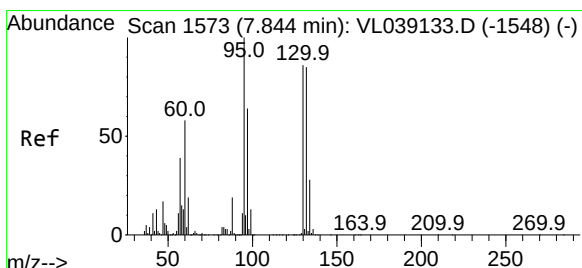
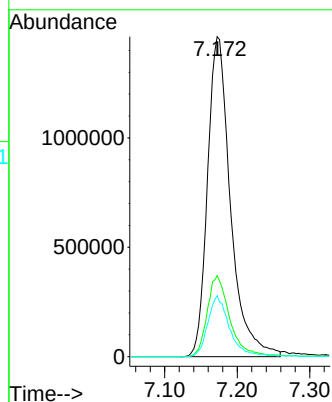
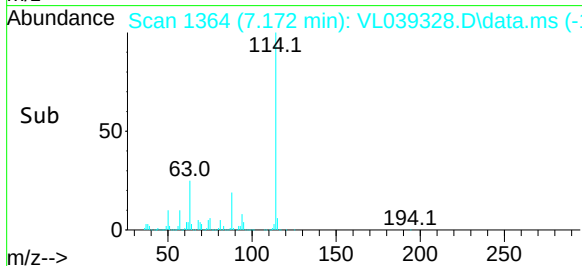
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion:114 Resp: 322065
Ion Ratio Lower Upper
114 100
63 25.3 21.7 32.5
88 18.2 14.8 22.2

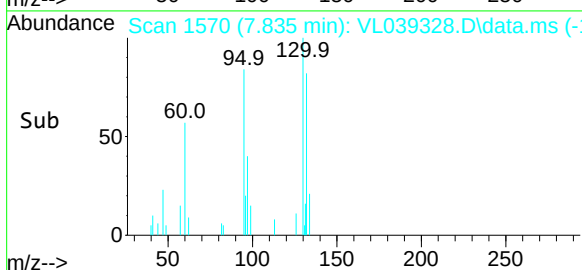
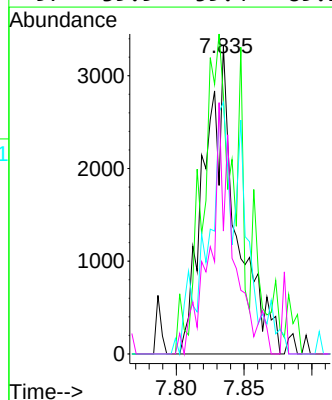
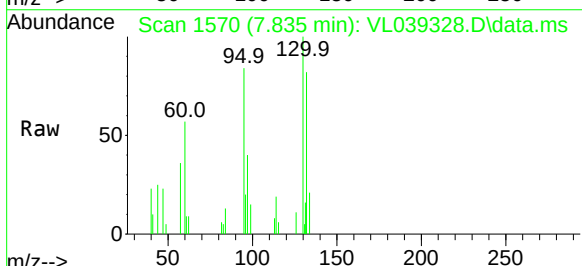
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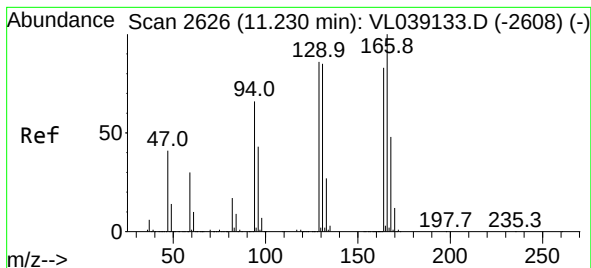
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 0.046 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion:130 Resp: 5512
Ion Ratio Lower Upper
130 100
95 83.9 93.3 139.9#
132 81.7 79.0 118.4
97 39.9 59.4 89.2#





#52

Tetrachloroethene

Concen: 0.031 ppbv

RT: 11.208 min Scan# 2619

Delta R.T. -0.023 min

Lab File: VL039328.D

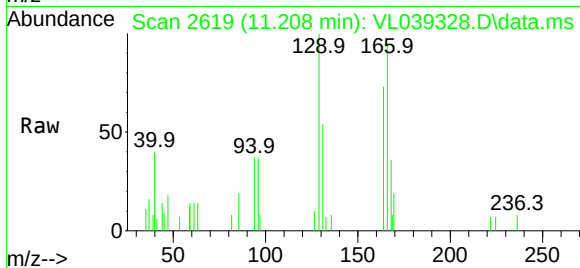
Acq: 22 Jun 2022 20:14

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

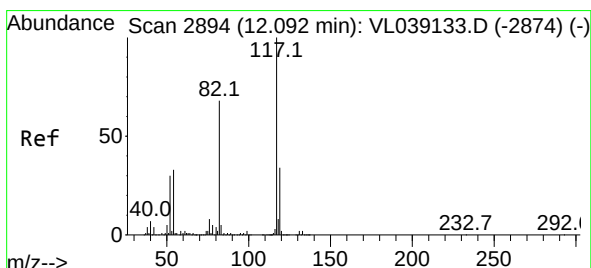
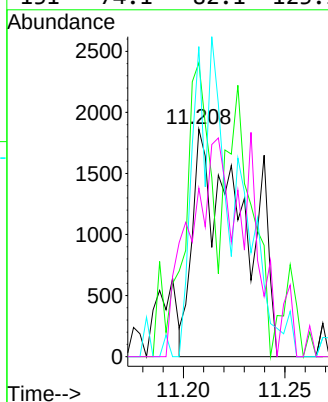
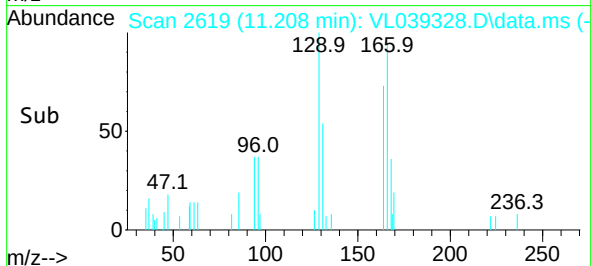


Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	96.3	144.5
129	136.3	82.5	123.7
131	74.1	82.1	123.1

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

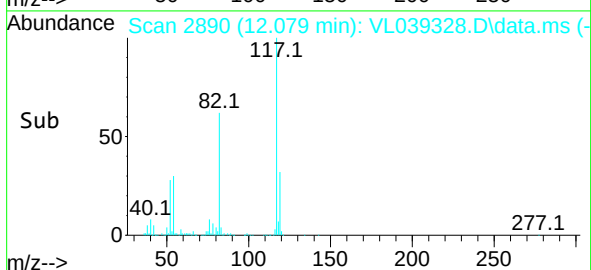
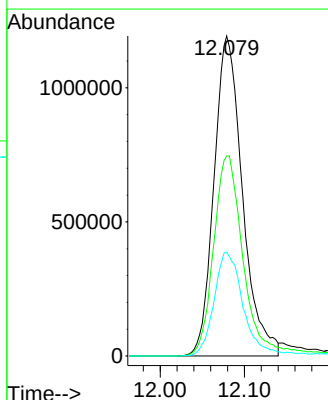
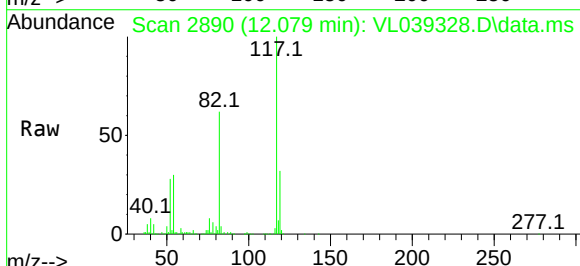
RT: 12.079 min Scan# 2890

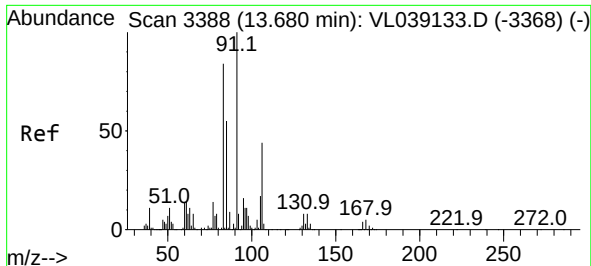
Delta R.T. -0.013 min

Lab File: VL039328.D

Acq: 22 Jun 2022 20:14

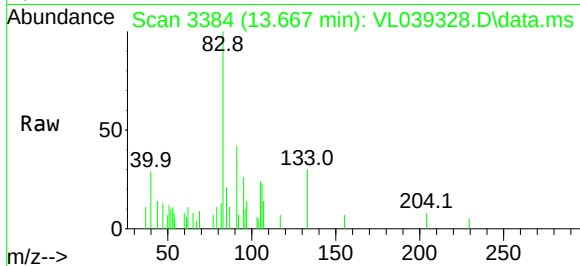
Tgt Ion	Ratio	Lower	Upper
117	100		
82	66.9	55.1	82.7
119	33.6	24.7	37.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 13.667 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

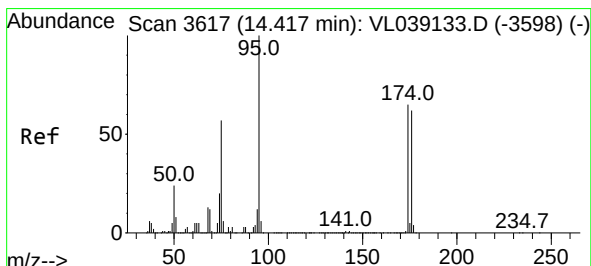
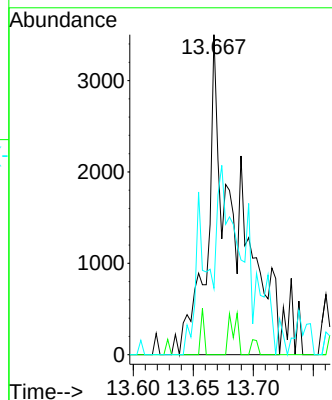
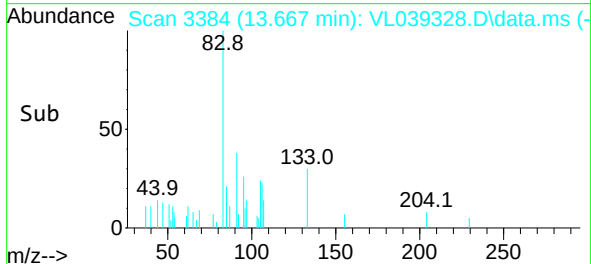
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 83 Resp: 567
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 0.0 33.0 99.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.622 ppbv
RT: 14.407 min Scan# 3614
Delta R.T. -0.010 min
Lab File: VL039328.D
Acq: 22 Jun 2022 20:14

Tgt Ion: 95 Resp: 2222828
Ion Ratio Lower Upper
95 100
174 69.7 53.8 80.8
175 5.0 4.1 6.1

