

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039956.D
 Acq On : 2 Dec 2022 00:12
 Operator : SY/MD
 Sample : N5826-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-INFLUENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:36:53 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.156	49	1124379	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.616	114	3178222	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	2875705	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2254229	10.263	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%
Target Compounds						
13) Ethanol	3.227	45	8888m	1.593	ppbv	Qvalue
15) Acetone	3.452	43	45909	0.308	ppbv	96
19) Isopropyl Alcohol	3.568	45	10936m	0.135	ppbv	
25) Ethyl Acetate	5.182	43	99718	0.364	ppbv #	90
38) Trichloroethene	7.253	130	19420m	0.129	ppbv	
44) 2,2,4-Trimethylpentane	7.295	57	46107m	0.102	ppbv	
52) Tetrachloroethene	10.584	164	36157m	0.358	ppbv	

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

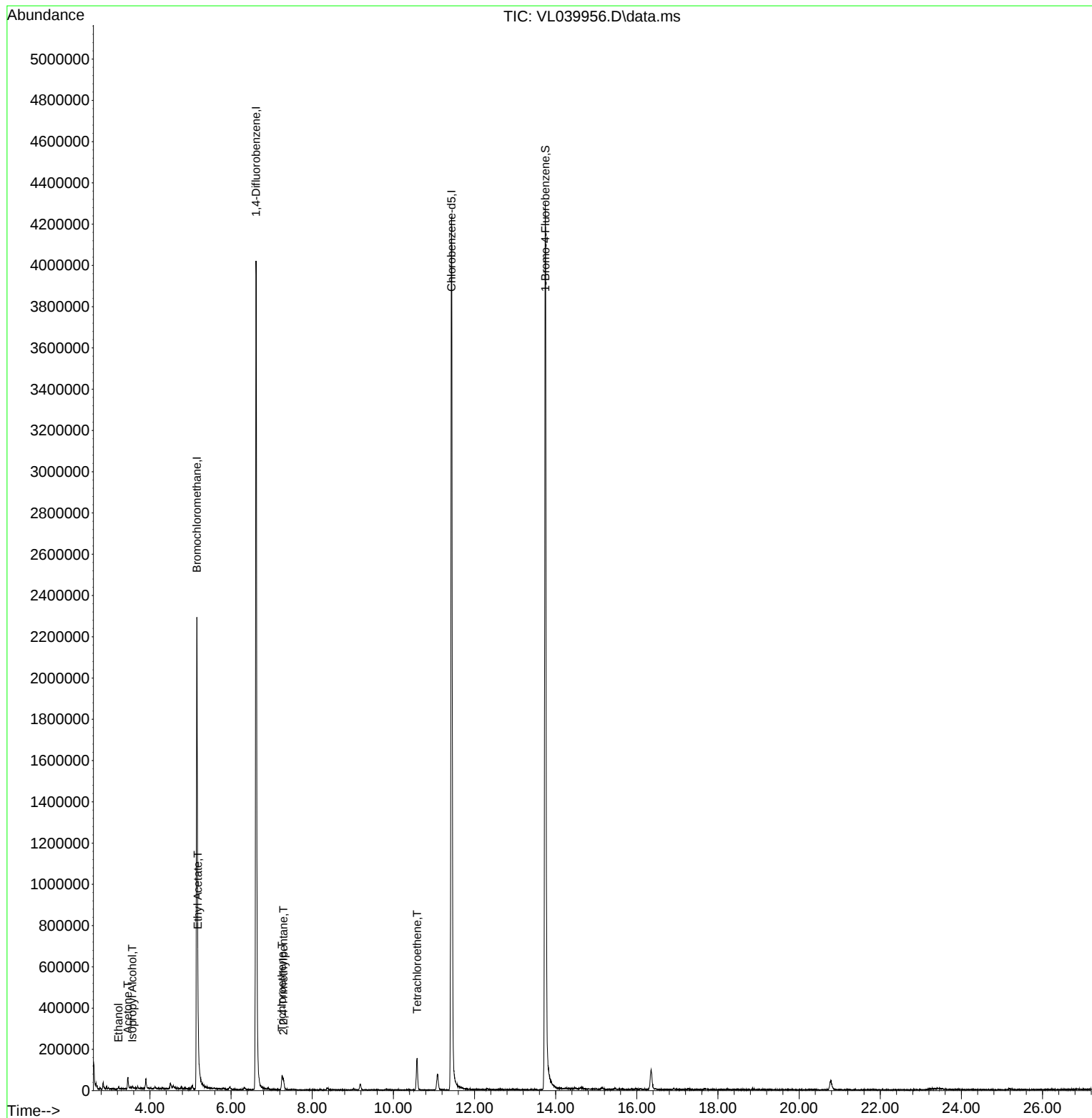
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
Data File : VL039956.D
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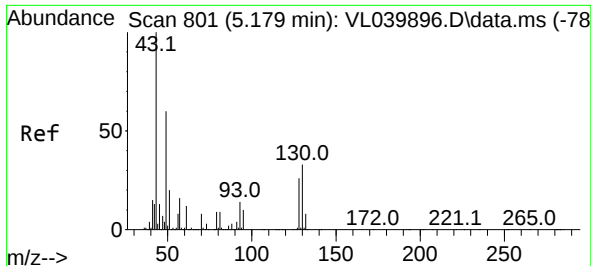
Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENTDL

Quant Time: Dec 02 05:36:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration

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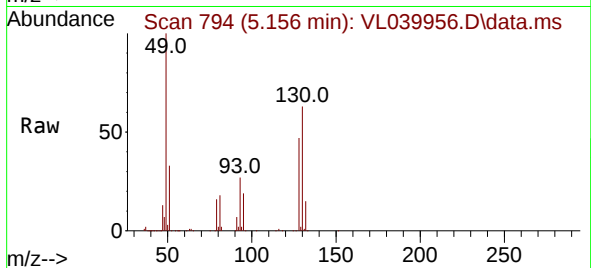
Reviewed By : Semsettin Yesilyurt 12/02/2022
Supervised By : Mahesh Dadoda 12/05/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.156 min Scan# 794
Delta R.T. -0.017 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

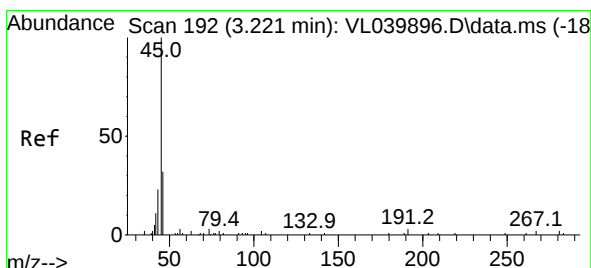
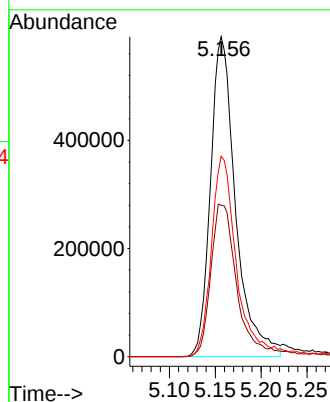
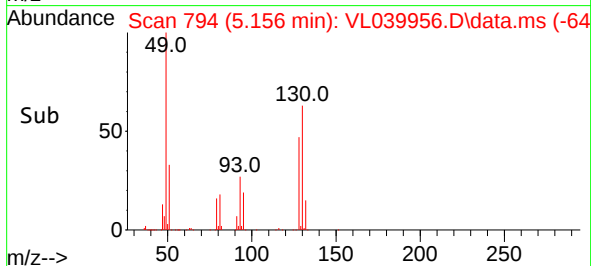
Instrument : MSVOA_L
ClientSampleId : H302022-INFLUENTDL



Tgt Ion: 49 Resp: 1124379
Ion Ratio Lower Upper
49 100
128 51.1 22.1 66.3
130 64.7 27.7 83.1

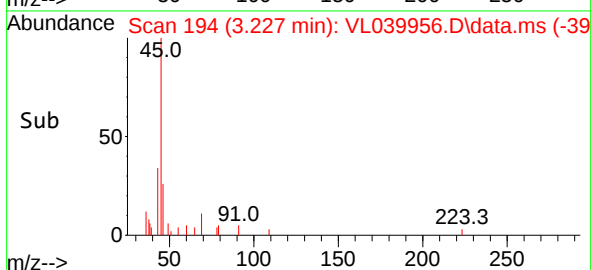
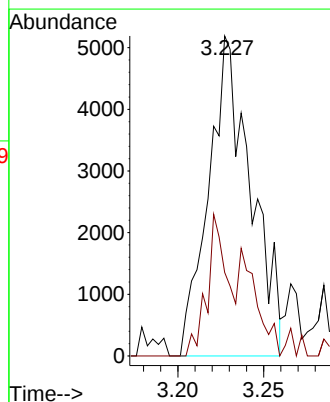
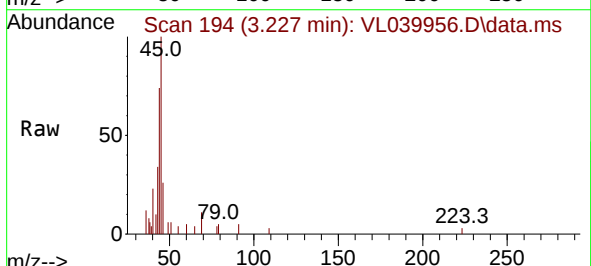
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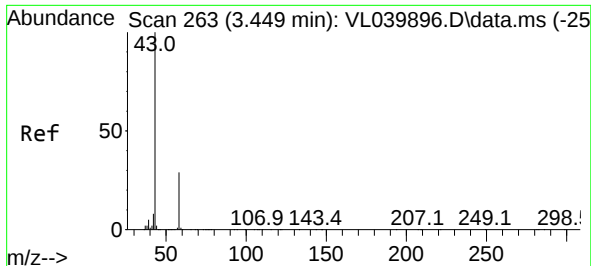
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#13
Ethanol
Concen: 1.593 ppbv m
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Tgt Ion: 45 Resp: 8888
Ion Ratio Lower Upper
45 100
46 37.1 14.6 58.2





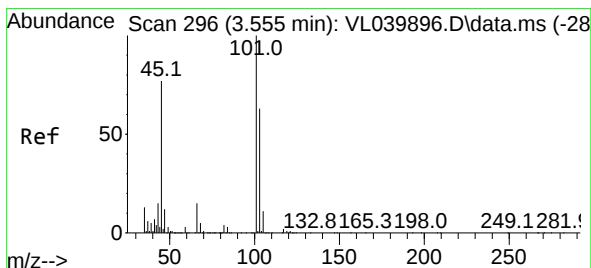
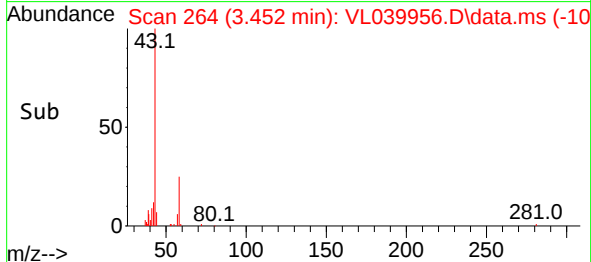
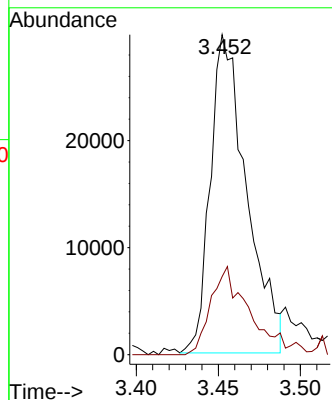
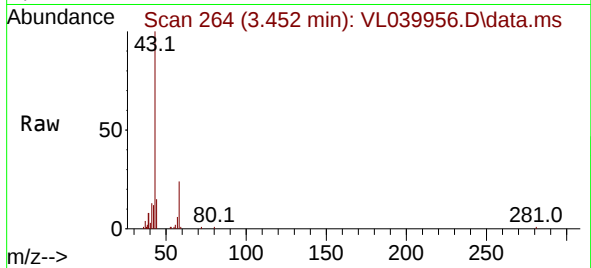
#15
Acetone
Concen: 0.308 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Instrument :
MSVOA_L
ClientSampleId :
H302022-INFLUENTDL

Tgt Ion: 43 Resp: 45909
Ion Ratio Lower Upper
43 100
58 30.9 22.9 34.3

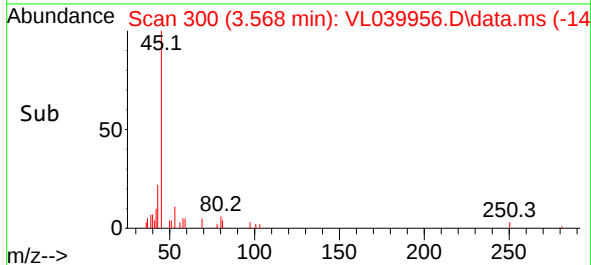
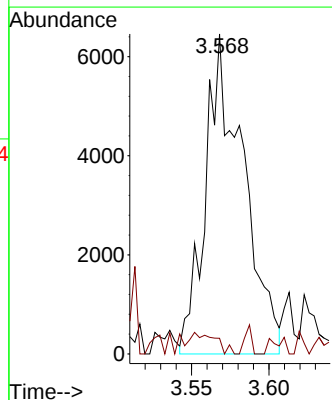
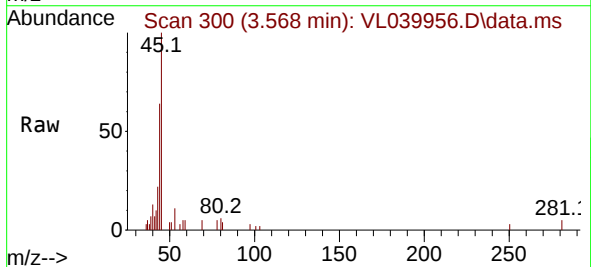
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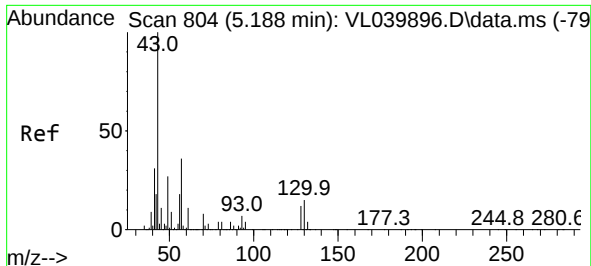
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#19
Isopropyl Alcohol
Concen: 0.135 ppbv m
RT: 3.568 min Scan# 300
Delta R.T. 0.013 min
Lab File: VL039956.D
Acq: 2 Dec 2022 00:12

Tgt Ion: 45 Resp: 10936
Ion Ratio Lower Upper
45 100
58 0.0 38.7 58.1#





#25

Ethyl Acetate

Concen: 0.364 ppbv

RT: 5.182 min Scan# 804

Delta R.T. -0.003 min

Lab File: VL039956.D

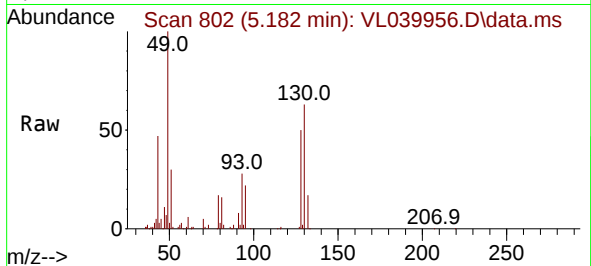
Acq: 2 Dec 2022 00:12

Instrument :

MSVOA_L

ClientSampleId :

H302022-INFLUENTDL



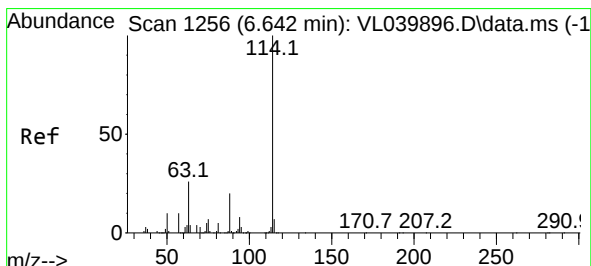
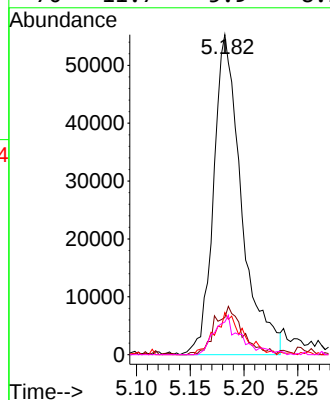
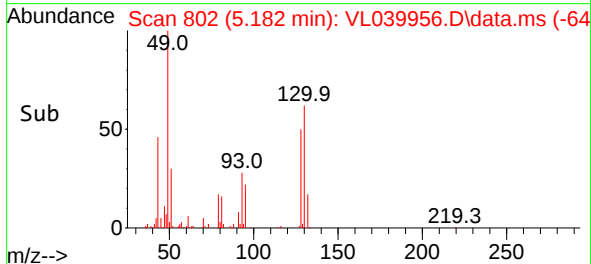
Tgt Ion:	43	Resp:	99718
Ion Ratio	100	Lower	Upper
43	100		
45	14.7	8.4	12.6
61	13.1	8.5	12.7
70	11.7	5.9	8.9

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 1248

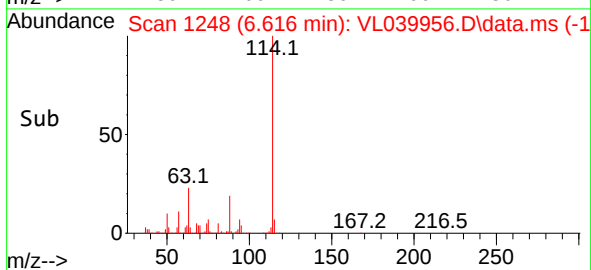
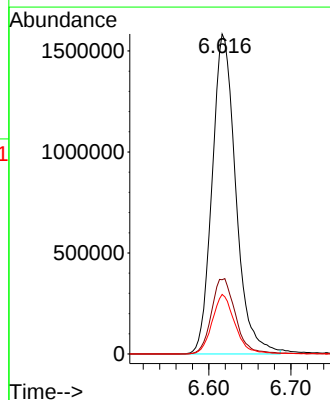
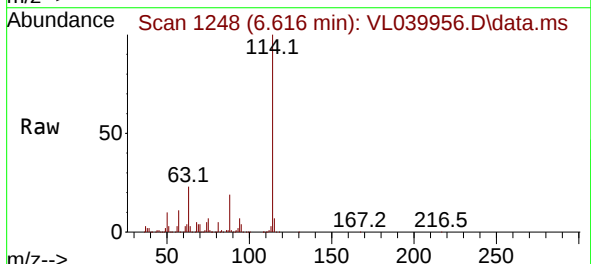
Delta R.T. -0.019 min

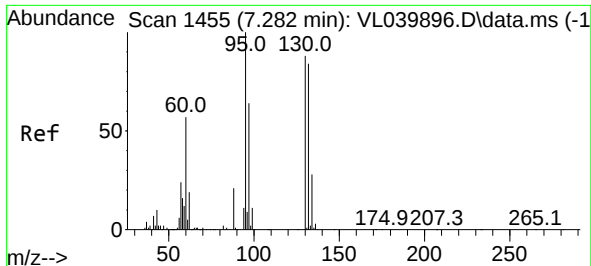
Lab File: VL039956.D

Acq: 2 Dec 2022 00:12

Tgt Ion:114 Resp: 3178222

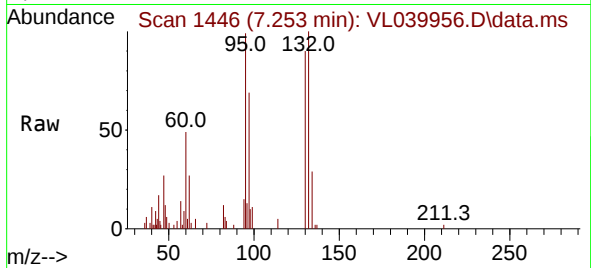
Ion Ratio	Lower	Upper
114	100	
63	24.1	21.4 32.0
88	18.0	15.3 22.9





#38
 Trichloroethene
 Concen: 0.129 ppbv m
 RT: 7.253 min Scan# 1446
 Delta R.T. -0.023 min
 Lab File: VL039956.D
 Acq: 2 Dec 2022 00:12

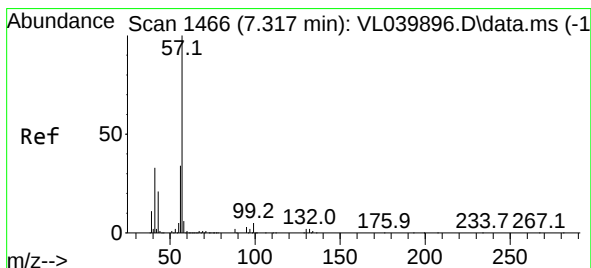
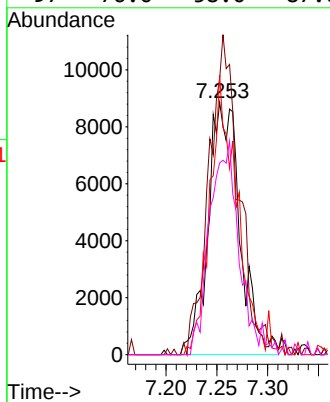
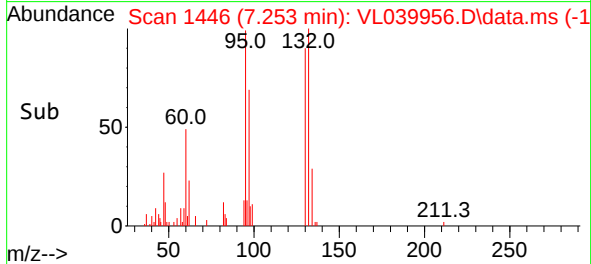
Instrument : MSVOA_L
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Tgt Ion:130 Resp: 19420
 Ion Ratio Lower Upper
 130 100
 95 109.2 90.6 135.8
 132 110.8 76.2 114.4
 97 76.0 58.0 87.0

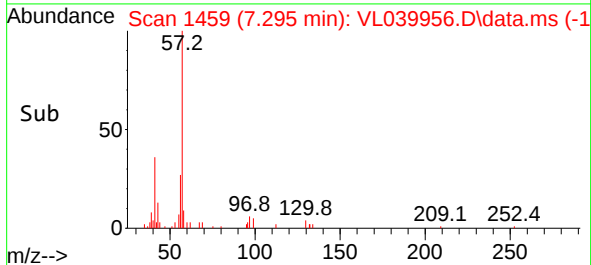
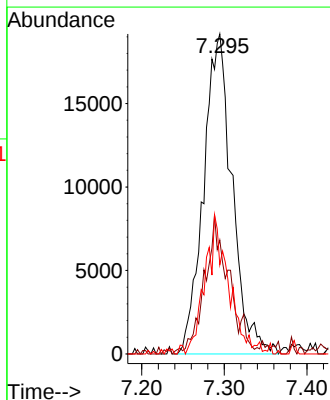
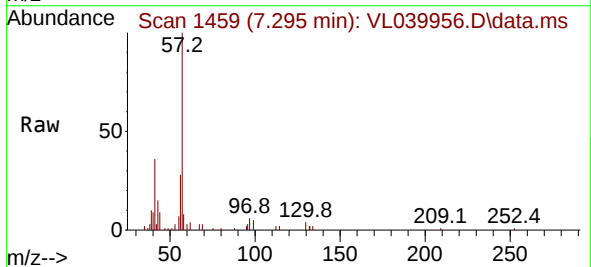
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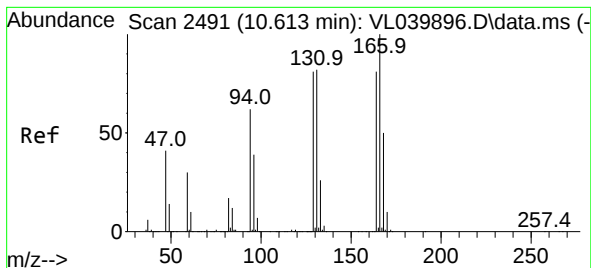
Reviewed By :Semsettin Yesilyurt 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#44
 2,2,4-Trimethylpentane
 Concen: 0.102 ppbv m
 RT: 7.295 min Scan# 1459
 Delta R.T. -0.016 min
 Lab File: VL039956.D
 Acq: 2 Dec 2022 00:12

Tgt Ion: 57 Resp: 46107
 Ion Ratio Lower Upper
 57 100
 41 39.6 26.2 39.2#
 56 36.7 25.5 38.3





#52

Tetrachloroethene

Concen: 0.358 ppbv m

RT: 10.584 min Scan# 2491

Delta R.T. -0.019 min

Lab File: VL039956.D

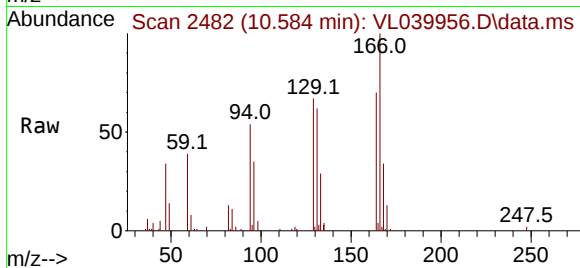
Acq: 2 Dec 2022 00:12

Instrument :

MSVOA_L

ClientSampleId :

H302022-INFLUENTDL



Tgt Ion:164 Resp: 3615

Ion Ratio Lower Upper

164 100

166 142.8 98.3 147.5

129 95.4 79.7 119.5

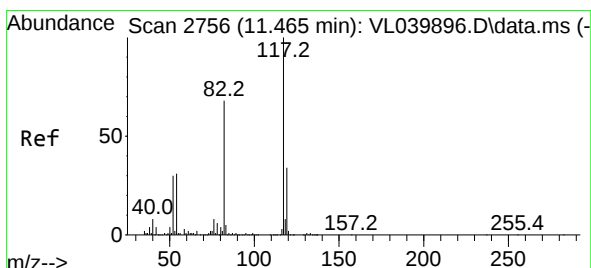
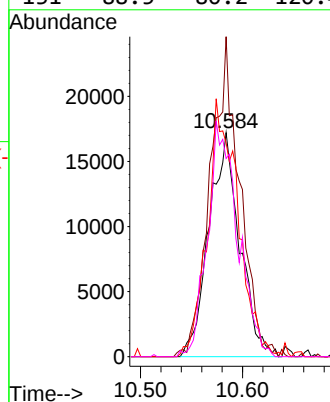
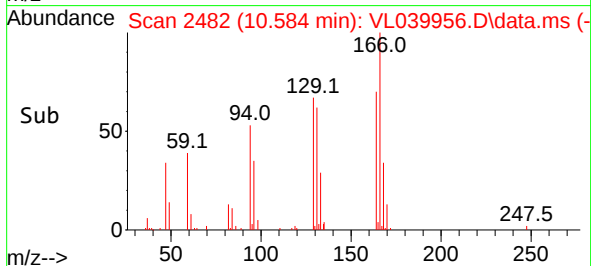
131 88.5 80.2 120.4

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.433 min Scan# 2746

Delta R.T. -0.019 min

Lab File: VL039956.D

Acq: 2 Dec 2022 00:12

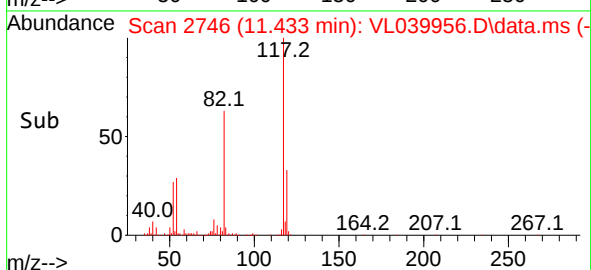
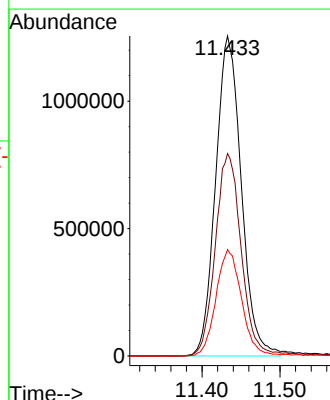
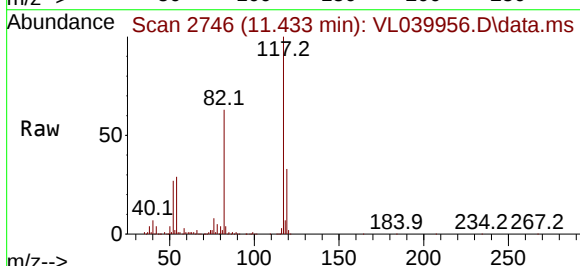
Tgt Ion:117 Resp: 2875705

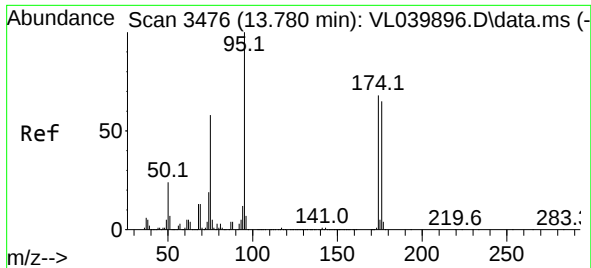
Ion Ratio Lower Upper

117 100

82 64.8 52.3 78.5

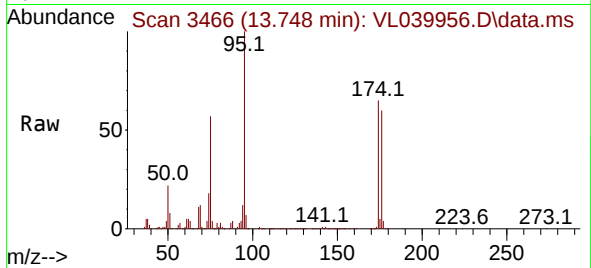
119 33.4 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.263 ppbv
 RT: 13.748 min Scan# 34
 Delta R.T. -0.016 min
 Lab File: VL039956.D
 Acq: 2 Dec 2022 00:12

Instrument :
 MSVOA_L
 ClientSampleId :
 H302022-INFLUENTDL



Tgt Ion: 95 Resp: 2254229
 Ion Ratio Lower Upper
 95 100
 174 65.4 53.7 80.5
 175 4.9 4.0 6.0

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