

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL040001.D
 Acq On : 13 Dec 2022 7:27
 Operator : SY/MD
 Sample : N5969-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 13 08:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 12 2022
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	848306	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	2454191	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.446	117	2230344	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1708046	10.026	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.300%	
Target Compounds						
					Qvalue	
9) Propene	2.674	41	28095	0.510	ppbv	87
13) Ethanol	3.234	45	14890m	3.537	ppbv	
15) Acetone	3.456	43	355431	3.159	ppbv	93
36) Benzene	6.343	78	16114	0.077	ppbv #	85
52) Tetrachloroethene	10.590	164	315382m	4.041	ppbv	

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

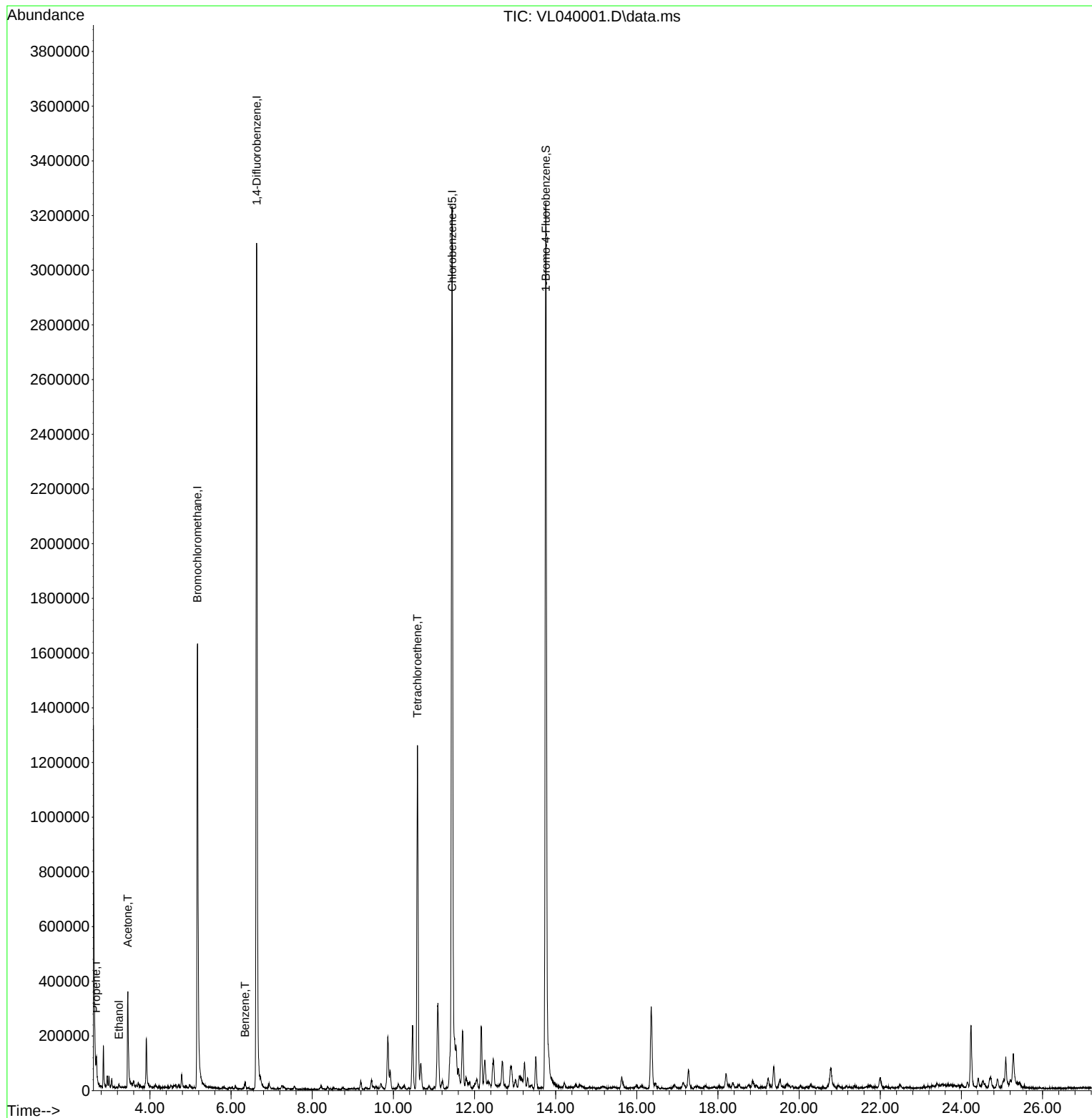
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
Data File : VL040001.D
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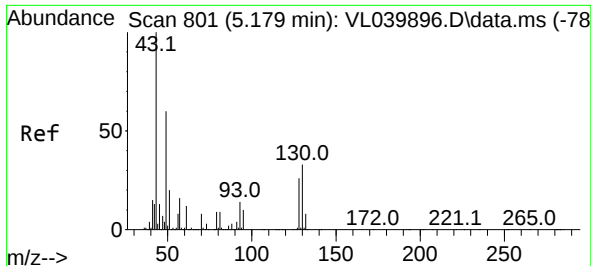
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Quant Time: Dec 13 08:04:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
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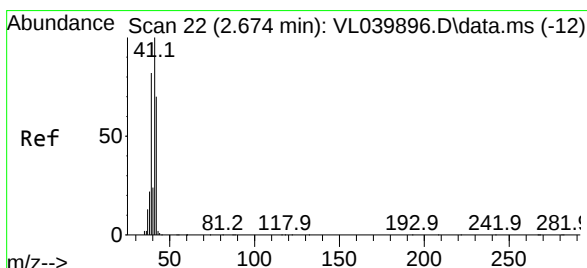
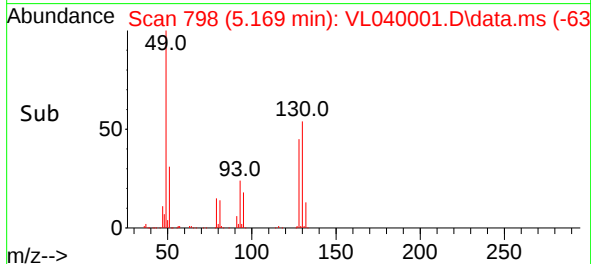
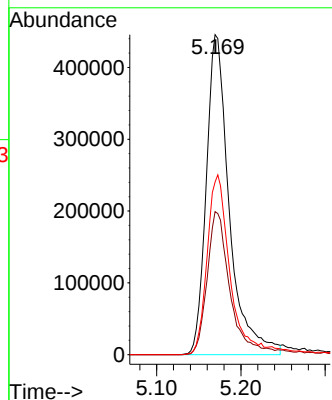
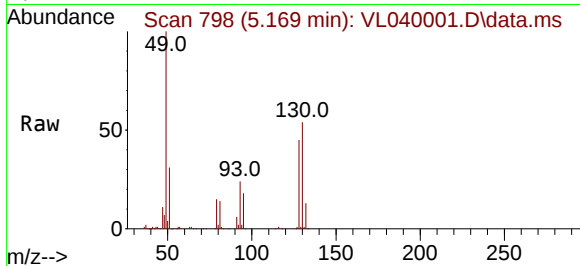
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 798
Delta R.T. 0.013 min
Lab File: VL040001.D
Acq: 13 Dec 2022 7:27

Instrument :
MSVOA_L
ClientSampleId :
SG-3DL

Tgt Ion: 49 Resp: 848300
Ion Ratio Lower Upper
49 100
128 45.7 22.1 66.3
130 57.9 27.7 83.1

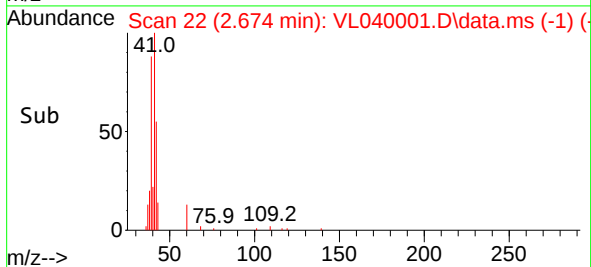
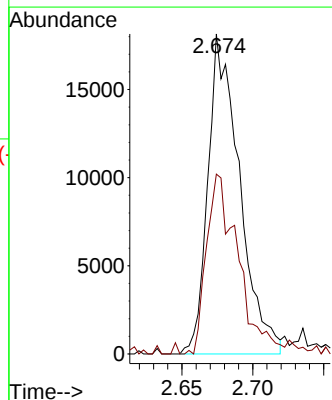
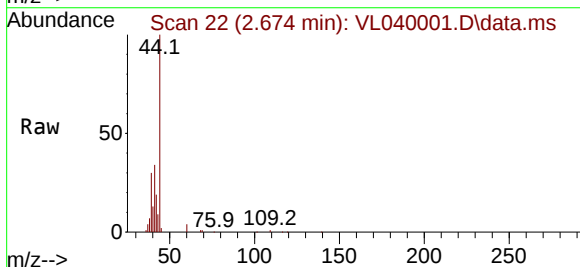
Manual Integrations
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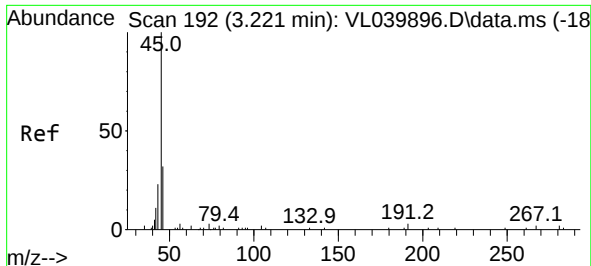
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#9
Propene
Concen: 0.510 ppbv
RT: 2.674 min Scan# 22
Delta R.T. 0.013 min
Lab File: VL040001.D
Acq: 13 Dec 2022 7:27

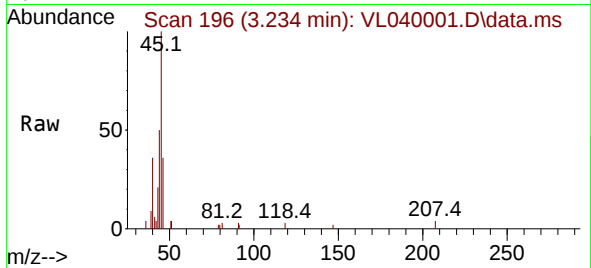
Tgt Ion: 41 Resp: 28095
Ion Ratio Lower Upper
41 100
42 59.2 55.8 83.6





#13
Ethanol
Concen: 3.537 ppbv m
RT: 3.234 min Scan# 14890
Delta R.T. 0.020 min
Lab File: VL040001.D
Acq: 13 Dec 2022 7:27

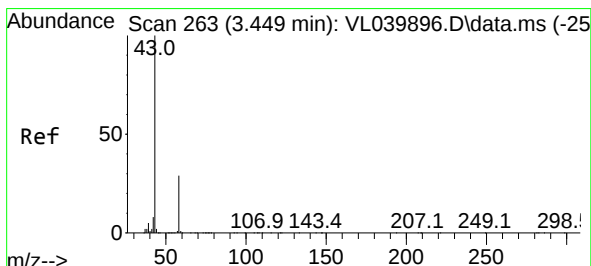
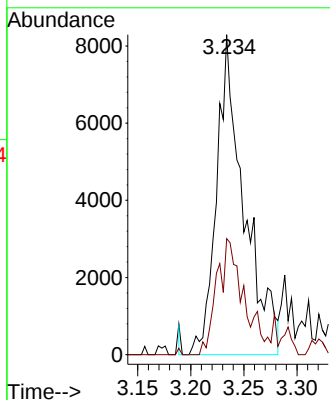
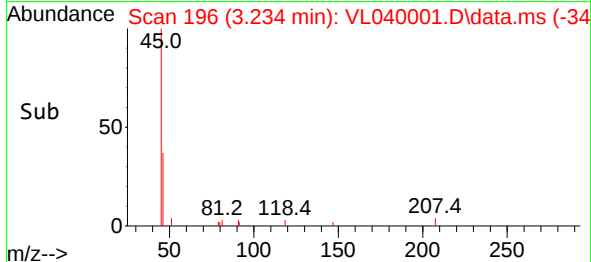
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



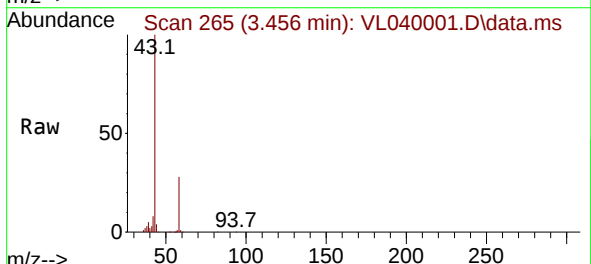
Tgt Ion: 45 Resp: 14890
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

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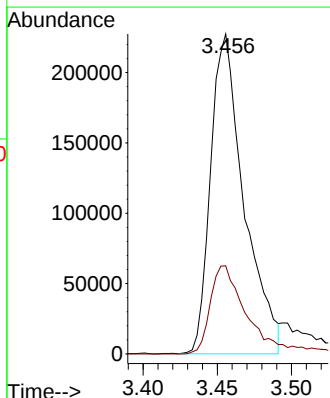
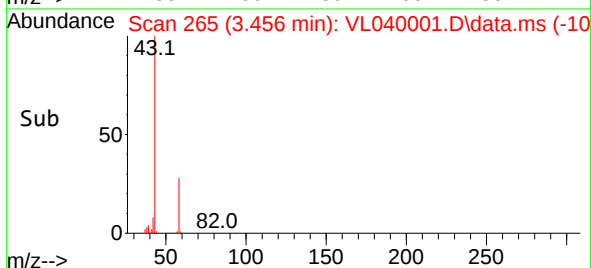
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

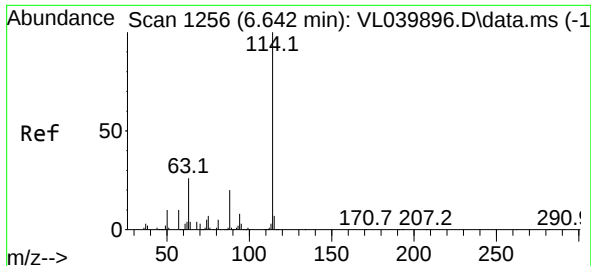


#15
Acetone
Concen: 3.159 ppbv
RT: 3.456 min Scan# 265
Delta R.T. 0.023 min
Lab File: VL040001.D
Acq: 13 Dec 2022 7:27



Tgt Ion: 43 Resp: 355431
Ion Ratio Lower Upper
43 100
58 32.3 22.9 34.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1163

Delta R.T. 0.013 min

Lab File: VL040001.D

Acq: 13 Dec 2022 7:27

Instrument :

MSVOA_L

ClientSampleId :

SG-3DL

Tgt Ion:114 Resp: 245419

Ion Ratio Lower Upper

114 100

63 24.8 21.4 32.0

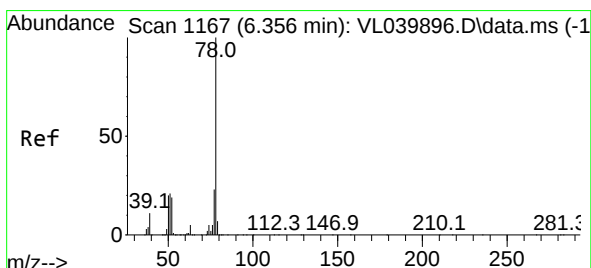
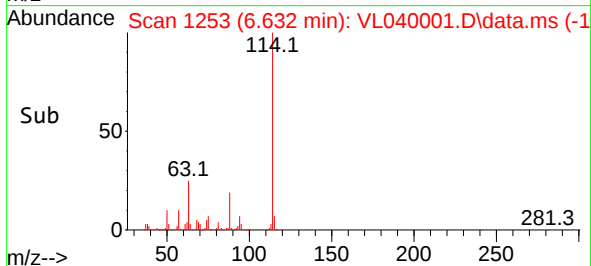
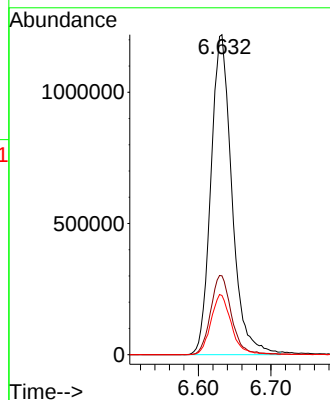
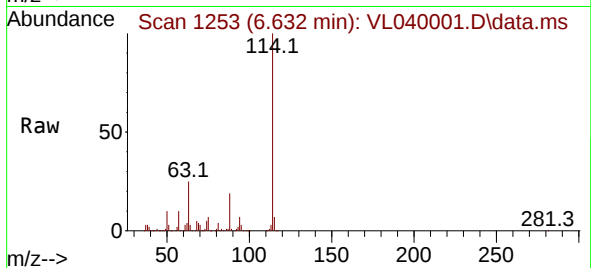
88 18.4 15.3 22.9

Manual Integrations

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#36

Benzene

Concen: 0.077 ppbv

RT: 6.343 min Scan# 1163

Delta R.T. 0.010 min

Lab File: VL040001.D

Acq: 13 Dec 2022 7:27

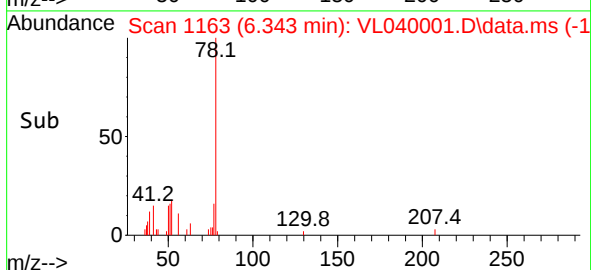
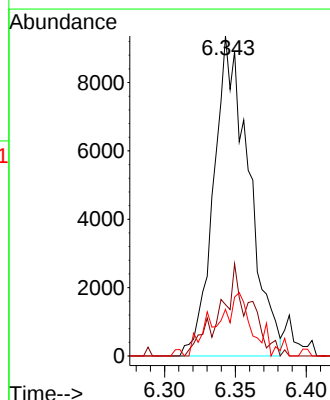
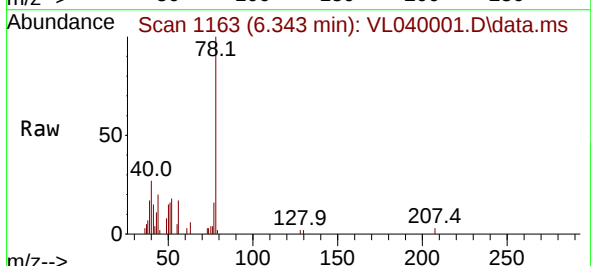
Tgt Ion: 78 Resp: 16114

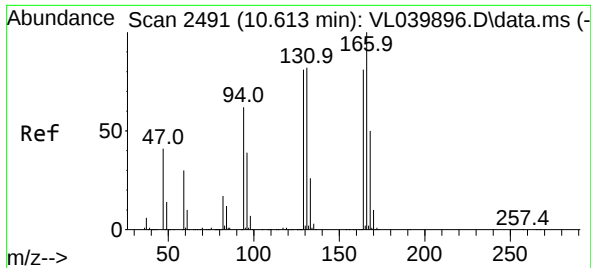
Ion Ratio Lower Upper

78 100

77 16.1 18.2 27.2#

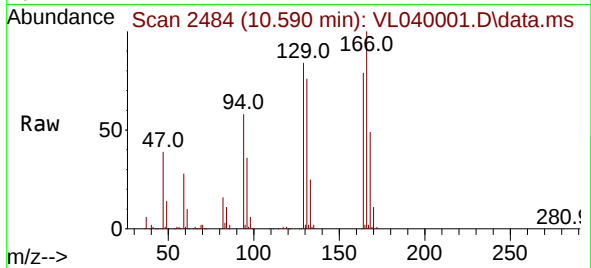
50 12.5 15.8 23.8#





#52
Tetrachloroethene
Concen: 4.041 ppbv m
RT: 10.590 min Scan# 2491
Delta R.T. 0.010 min
Lab File: VL040001.D
Acq: 13 Dec 2022 7:27

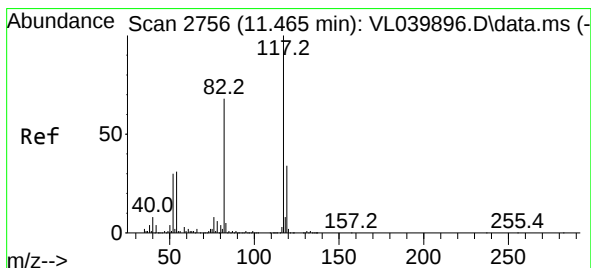
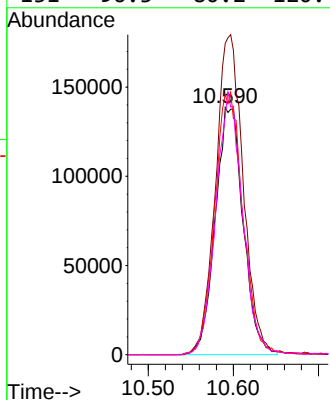
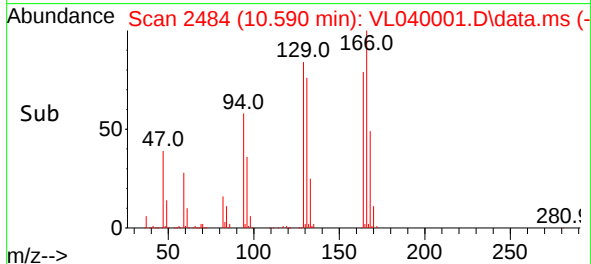
Instrument :
MSVOA_L
ClientSampleId :
SG-3DL



Tgt Ion:164 Resp: 31538
Ion Ratio Lower Upper
164 100
166 125.9 98.3 147.5
129 105.3 79.7 119.5
131 96.3 80.2 120.4

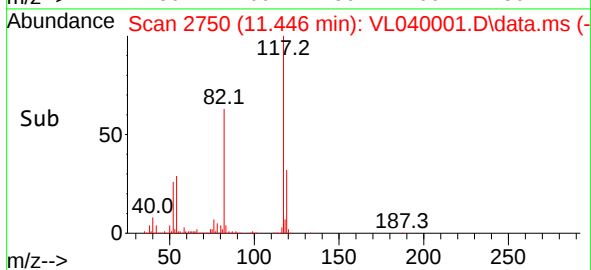
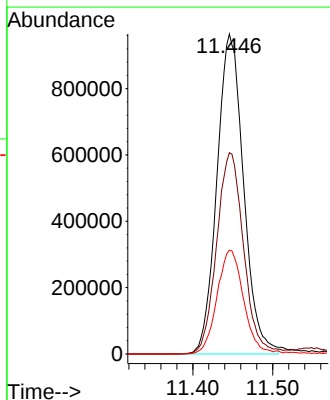
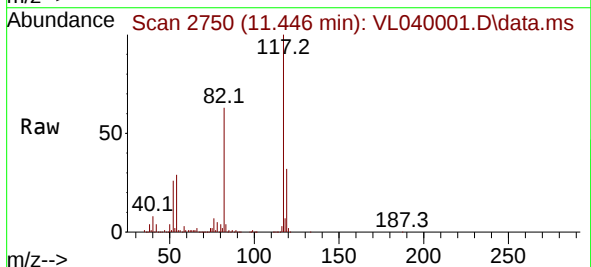
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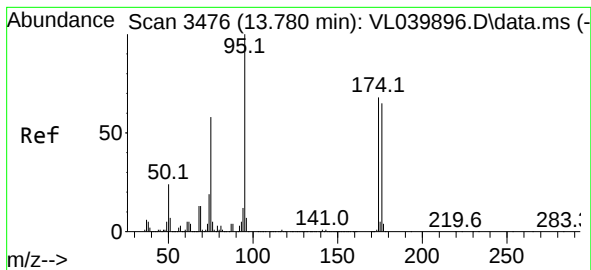
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. 0.013 min
Lab File: VL040001.D
Acq: 13 Dec 2022 7:27

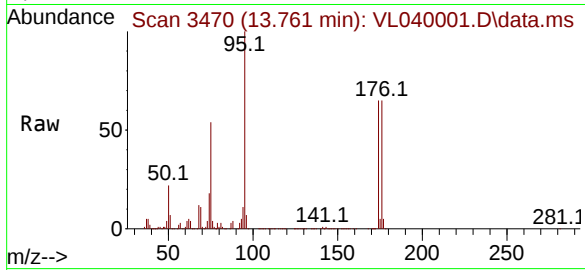
Tgt Ion:117 Resp: 2230344
Ion Ratio Lower Upper
117 100
82 63.6 52.3 78.5
119 33.1 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.026 ppbv
 RT: 13.761 min Scan# 3476
 Delta R.T. 0.020 min
 Lab File: VL040001.D
 Acq: 13 Dec 2022 7:27

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL



Tgt Ion: 95 Resp: 1708040
 Ion Ratio Lower Upper
 95 100
 174 67.9 53.7 80.5
 175 5.0 4.0 6.0

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