

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040856.D
 Acq On : 14 Nov 2023 18:32
 Operator : SY/MD
 Sample : 05399-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 16 04:50:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1135187	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	3089051	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2733728	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2108317	9.851	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
13) Ethanol	3.256	45	127947	10.788	ppbv #	100
15) Acetone	3.488	43	313524	2.593	ppbv	98
34) 2-Butanone	4.790	43	212355	1.349	ppbv	98
52) Tetrachloroethene	10.587	164	35211m	0.417	ppbv	
53) Toluene	9.201	91	25105	0.091	ppbv	99

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

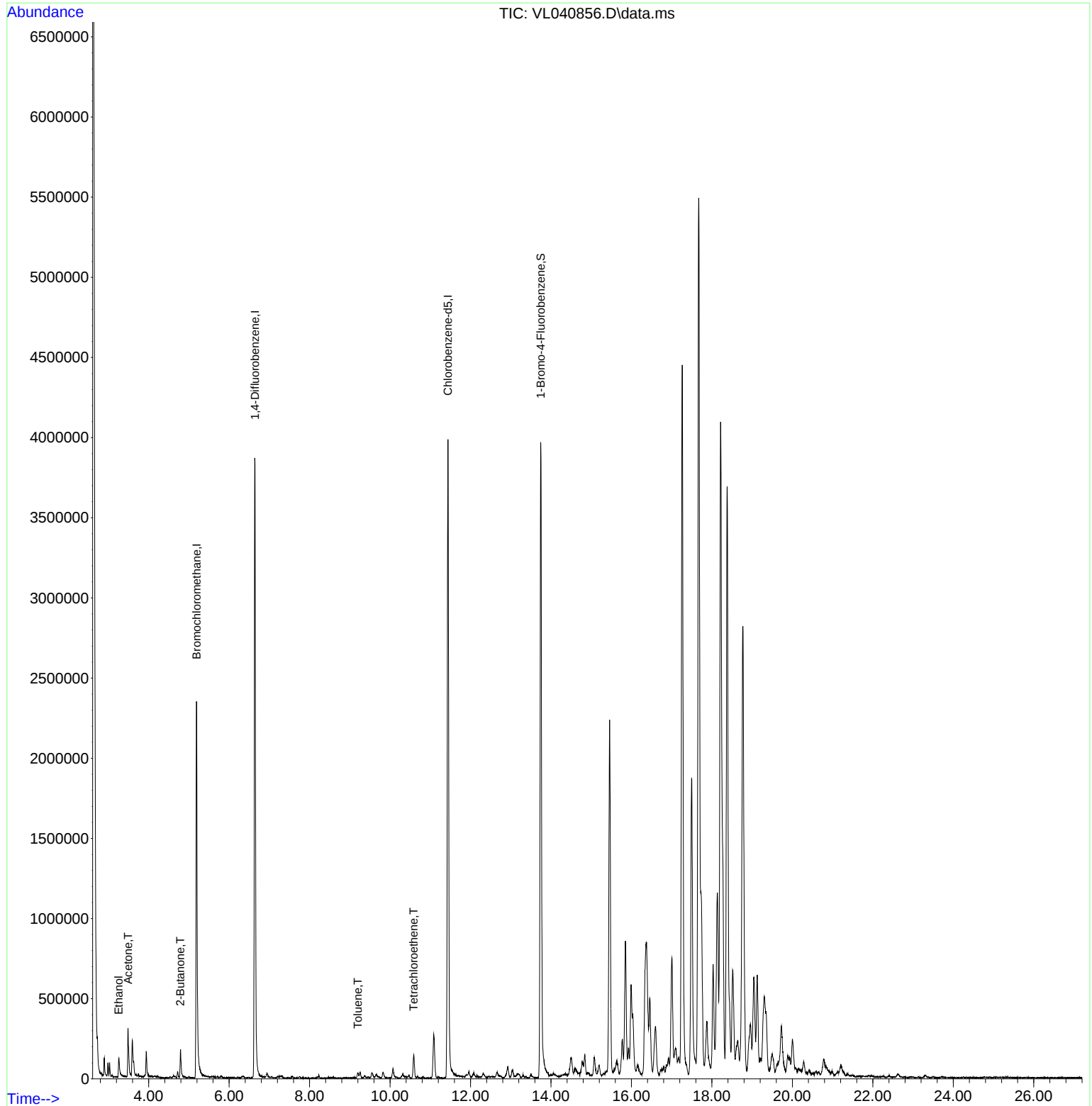
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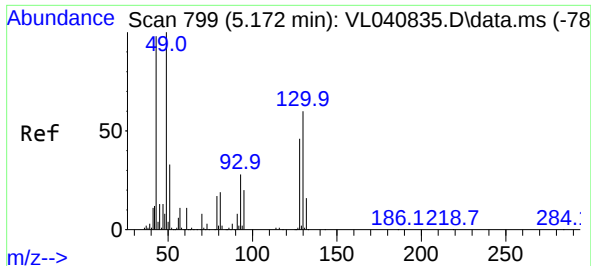
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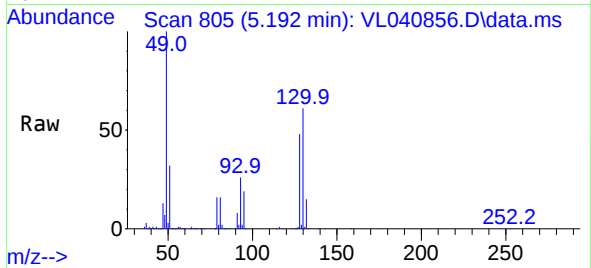
Quant Time: Nov 16 04:50:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

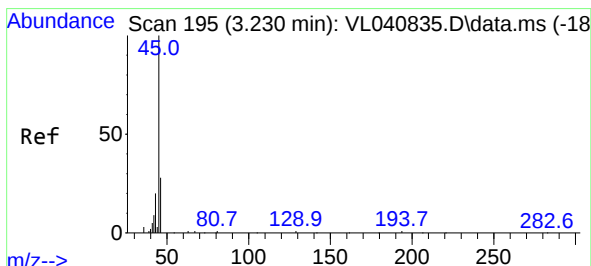
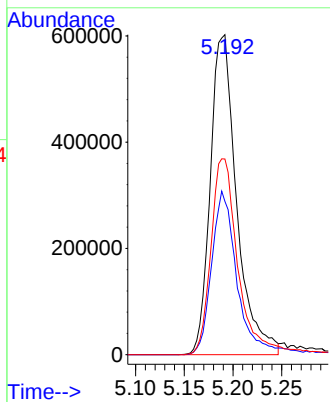
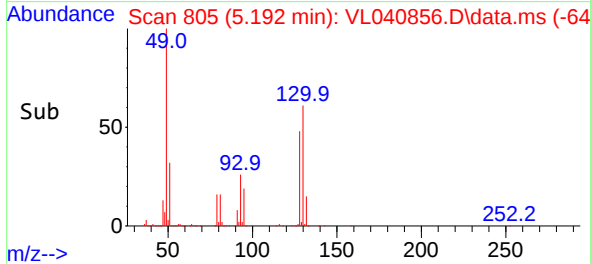
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 113518
Ion Ratio Lower Upper
49 100
128 51.2 23.8 71.2
130 64.8 30.9 92.8

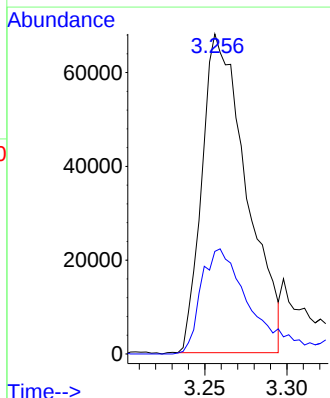
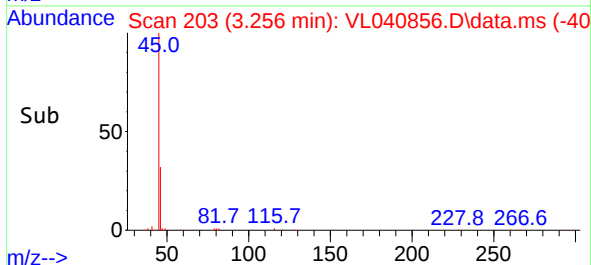
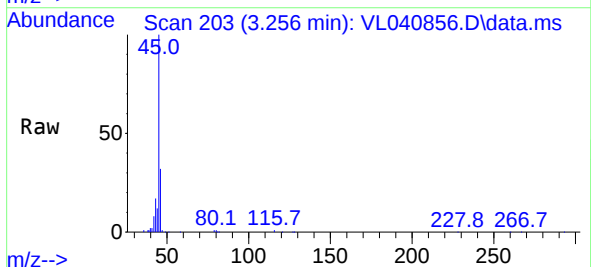
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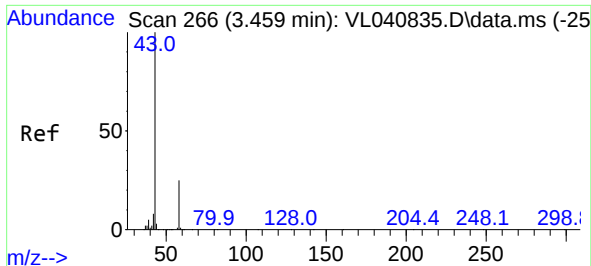
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#13
Ethanol
Concen: 10.788 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.026 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

Tgt Ion: 45 Resp: 127947
Ion Ratio Lower Upper
45 100
46 41.0 0.0 0.0#





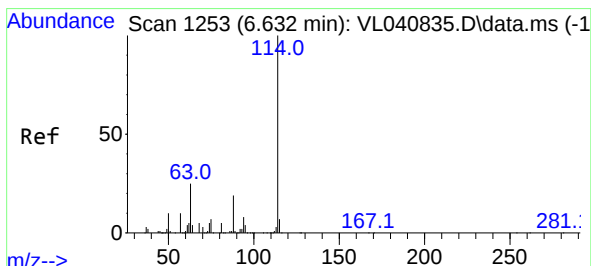
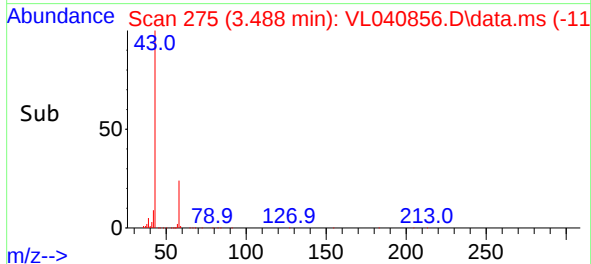
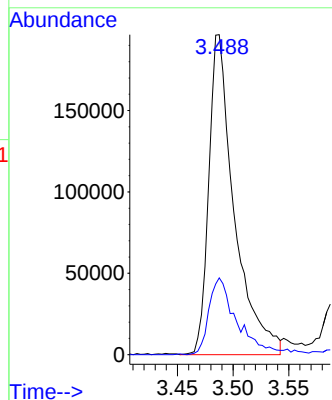
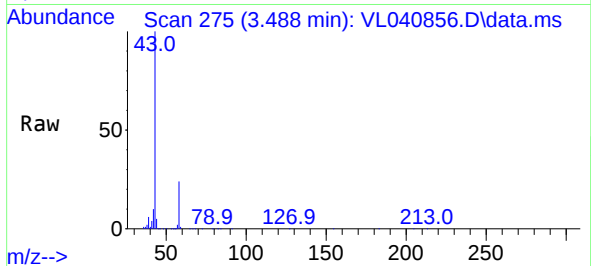
#15
Acetone
Concen: 2.593 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 313524
Ion Ratio Lower Upper
43 100
58 27.0 20.9 31.3

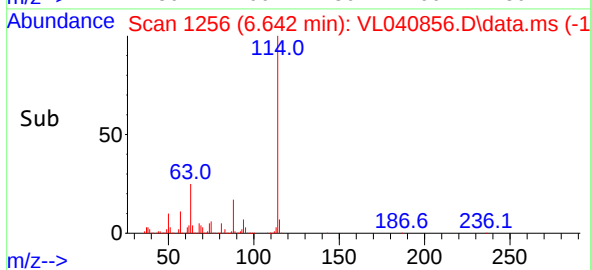
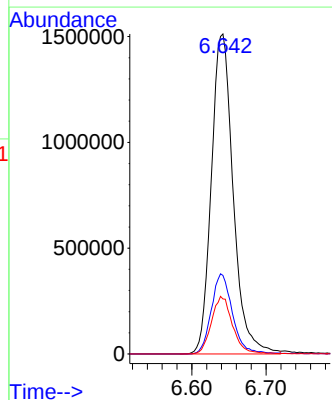
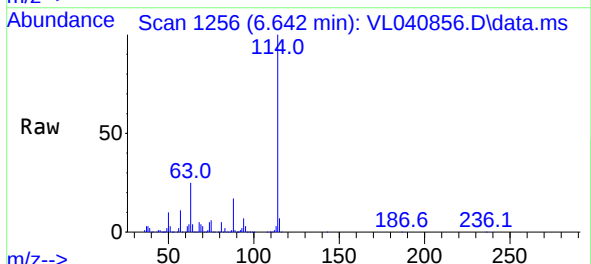
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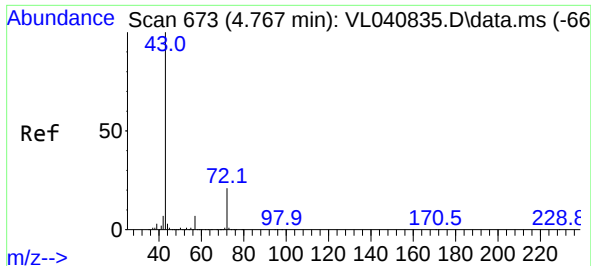
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.010 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

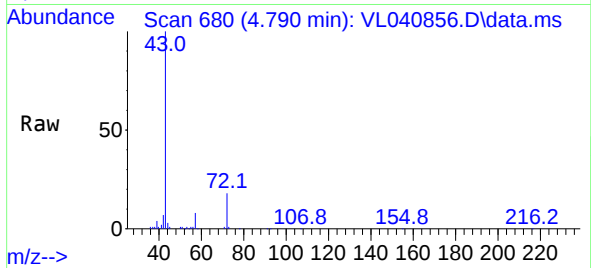
Tgt Ion:114 Resp: 3089051
Ion Ratio Lower Upper
114 100
63 24.6 20.9 31.3
88 17.6 14.3 21.5





#34
2-Butanone
Concen: 1.349 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.022 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

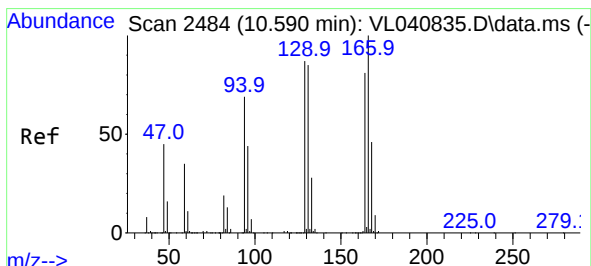
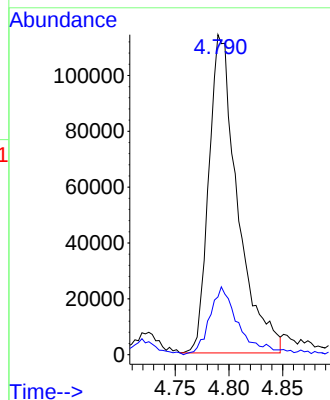
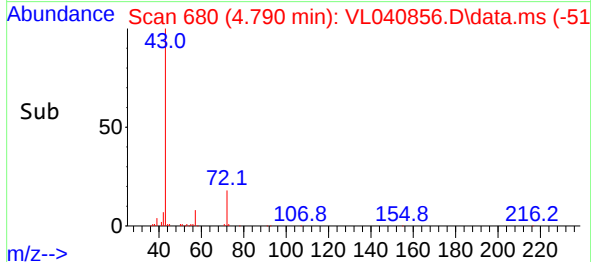
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 21235
Ion Ratio Lower Upper
43 100
72 22.5 17.2 25.8

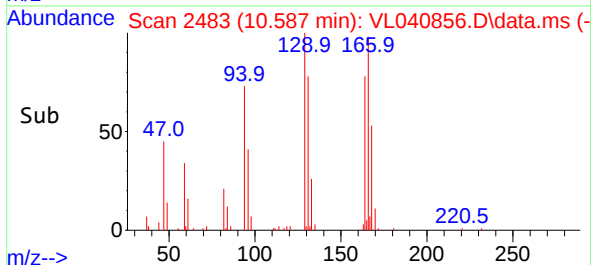
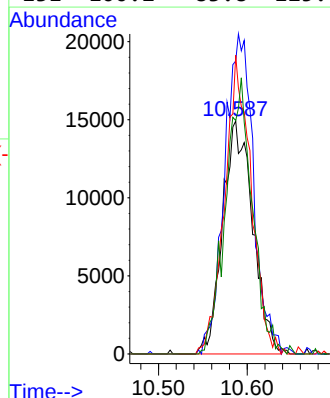
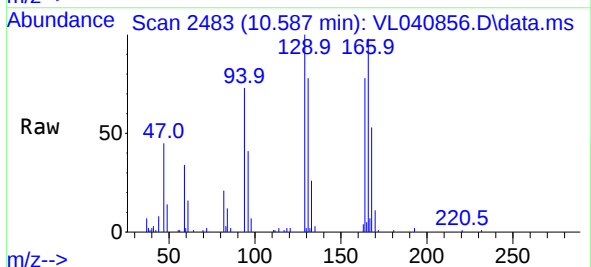
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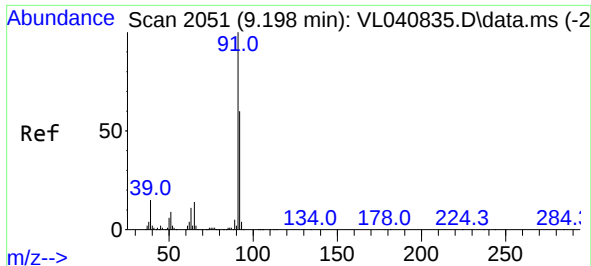
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#52
Tetrachloroethene
Concen: 0.417 ppbv m
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

Tgt Ion:164 Resp: 35211
Ion Ratio Lower Upper
164 100
166 125.8 98.3 147.5
129 128.2 85.1 127.7#
131 100.2 83.8 125.6





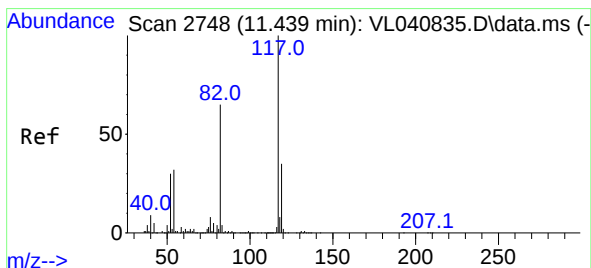
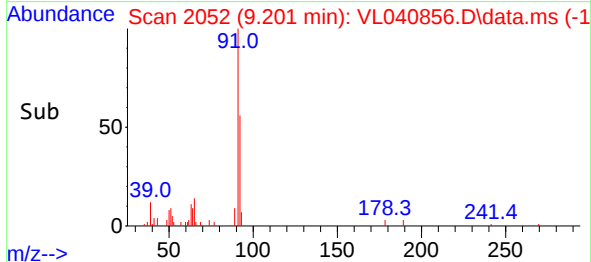
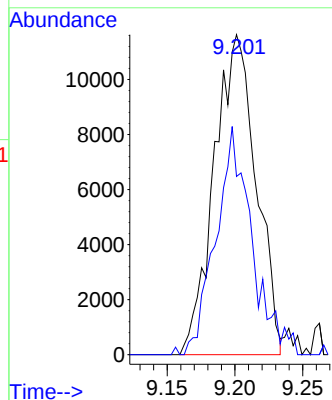
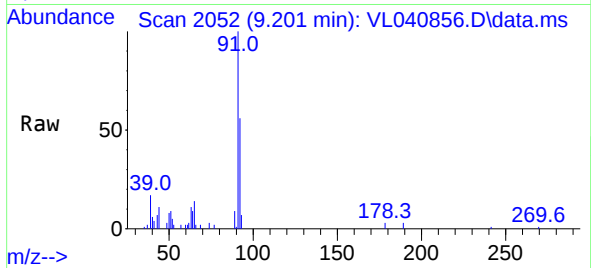
#53
Toluene
Concen: 0.091 ppbv
RT: 9.201 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 91 Resp: 2510
Ion Ratio Lower Upper
91 100
92 61.1 49.4 74.2

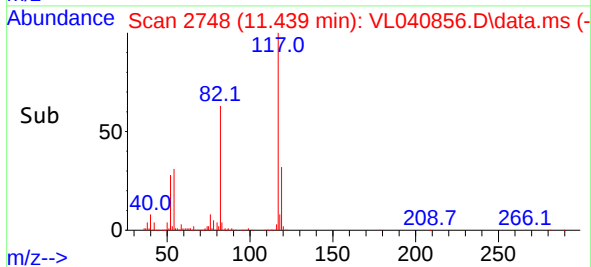
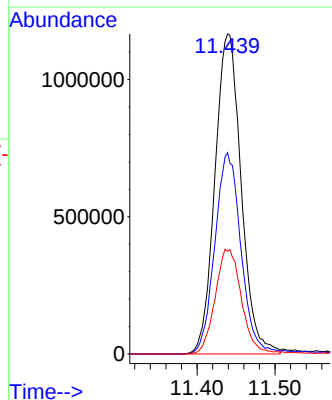
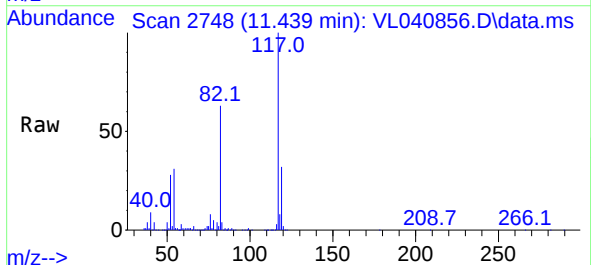
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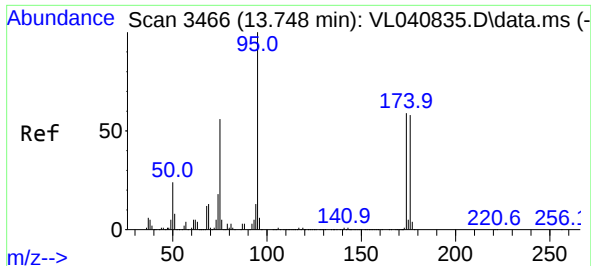
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. -0.000 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

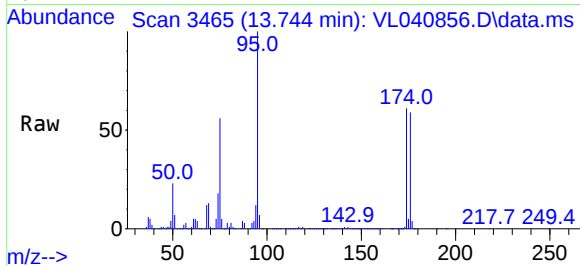
Tgt Ion:117 Resp: 2733728
Ion Ratio Lower Upper
117 100
82 64.1 50.6 75.8
119 33.0 23.3 34.9





#68
1-Bromo-4-Fluorobenzene
Concen: 9.851 ppbv
RT: 13.744 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL040856.D
Acq: 14 Nov 2023 18:32

Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 95 Resp: 210831
Ion Ratio Lower Upper
95 100
174 64.0 47.5 71.3
175 4.7 3.6 5.4

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