

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039851.D
 Acq On : 9 Nov 2022 16:54
 Operator : SY/AP
 Sample : N5527-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10053-BASEMENT-BARDL

Quant Time: Nov 10 03:49:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/10/2022
 Supervised By : Mahesh Dadoda 11/11/2022

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

Internal Standards						
1) Bromochloromethane	5.176	49	1010316	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.629	114	2363445	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.433	117	2156564	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1674059	10.371	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.700%
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.684	51	890346	7.392	ppbv	97
9) Propene	2.713	41	74400	1.186	ppbv #	64
13) Ethanol	3.240	45	349860m	78.882	ppbv	
15) Acetone	3.468	43	1004976	8.172	ppbv	99
19) Isopropyl Alcohol	3.591	45	65040m	1.069	ppbv	

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

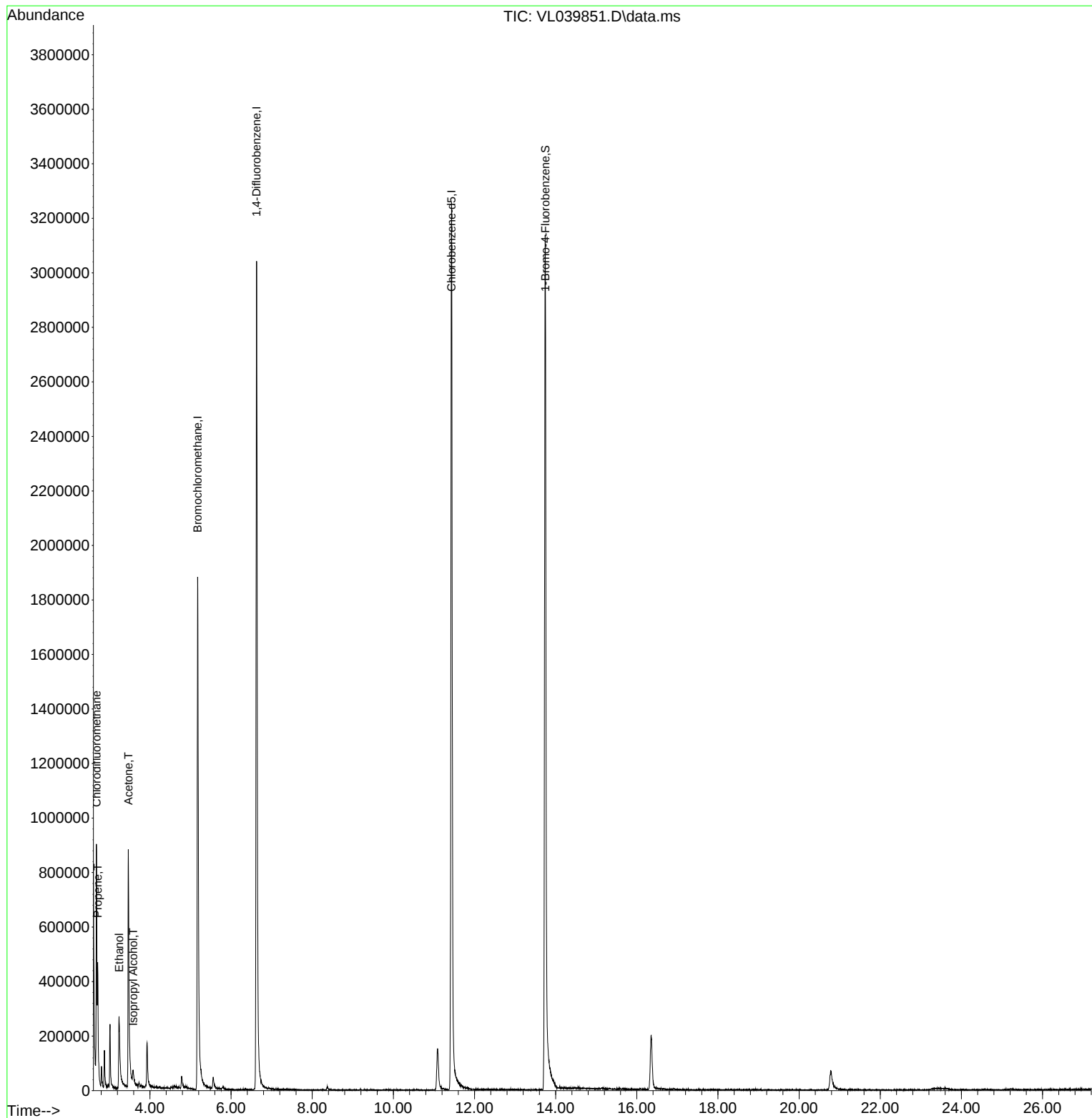
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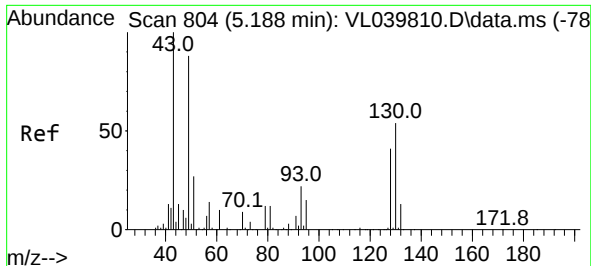
Instrument :
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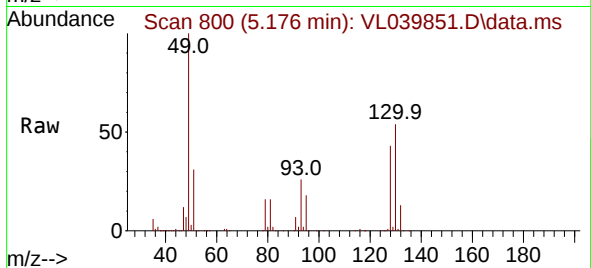
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Supervised By : Mahesh Dadoda 11/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 804
Delta R.T. -0.012 min
Lab File: VL039851.D
Acq: 9 Nov 2022 16:54

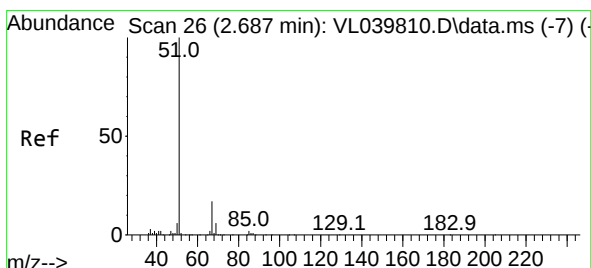
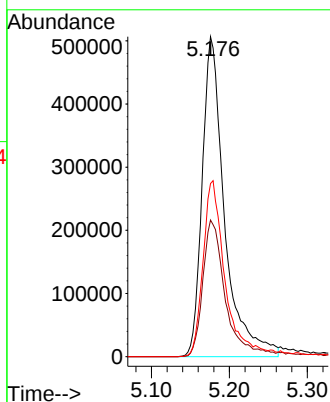
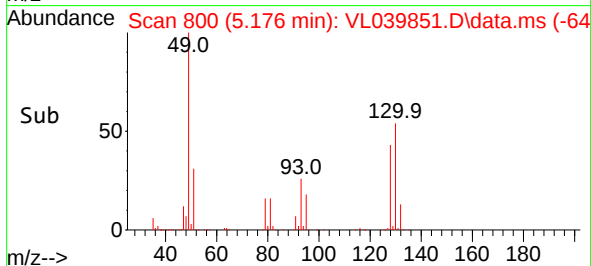
Instrument : MSVOA_L
ClientSampleId : 10053-BASEMENT-BARDL



Tgt Ion: 49 Resp: 1010310
Ion Ratio Lower Upper
49 100
128 44.9 24.6 73.6
130 56.8 31.1 93.2

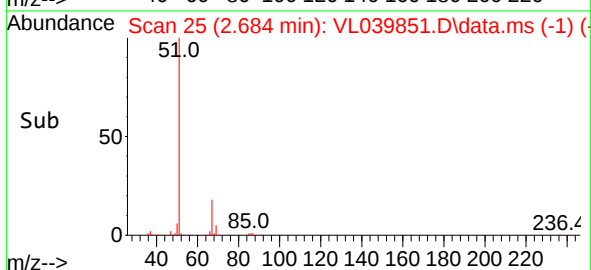
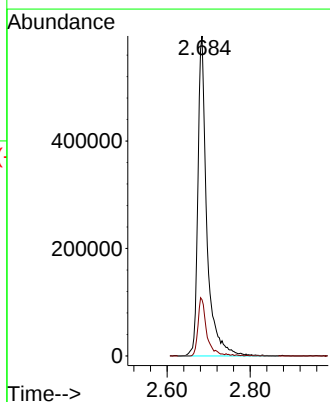
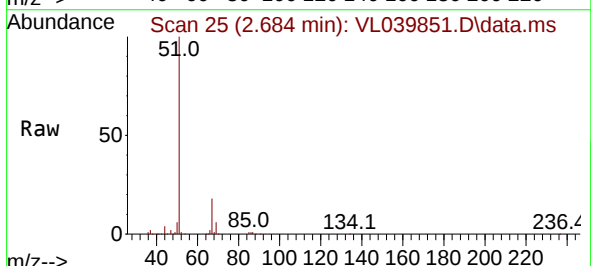
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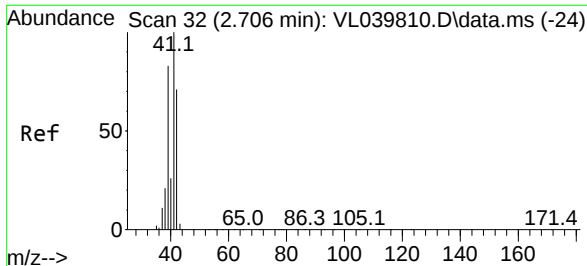
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#3
Chlorodifluoromethane
Concen: 7.392 ppbv
RT: 2.684 min Scan# 25
Delta R.T. -0.003 min
Lab File: VL039851.D
Acq: 9 Nov 2022 16:54

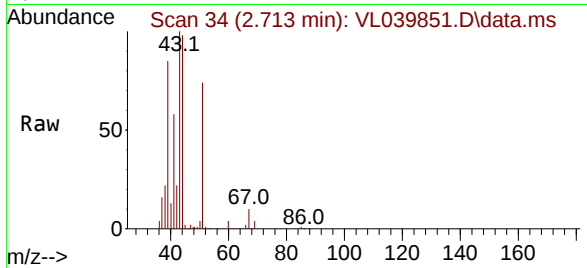
Tgt Ion: 51 Resp: 890346
Ion Ratio Lower Upper
51 100
67 17.9 13.2 19.8





#9
 Propene
 Concen: 1.186 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039851.D
 Acq: 9 Nov 2022 16:54

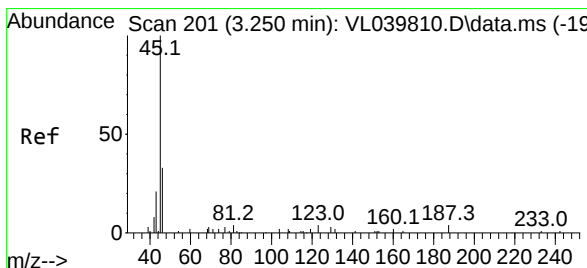
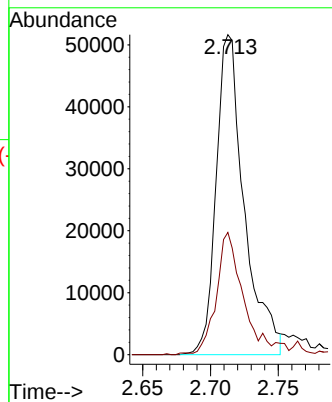
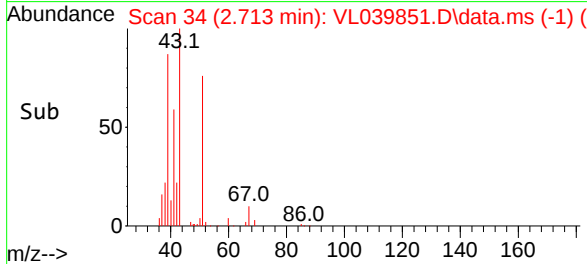
Instrument :
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 ClientSampleId :
 10053-BASEMENT-BARDL



Tgt Ion: 41 Resp: 74400
 Ion Ratio Lower Upper
 41 100
 42 40.9 56.3 84.5

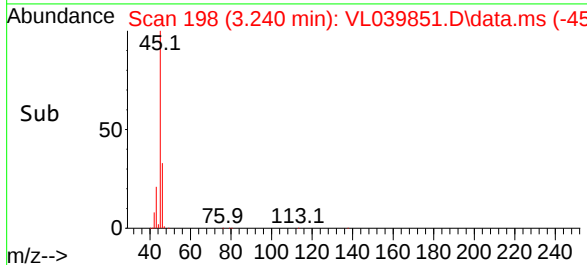
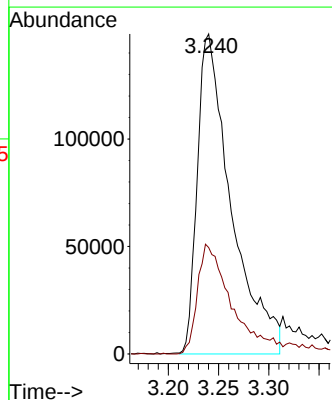
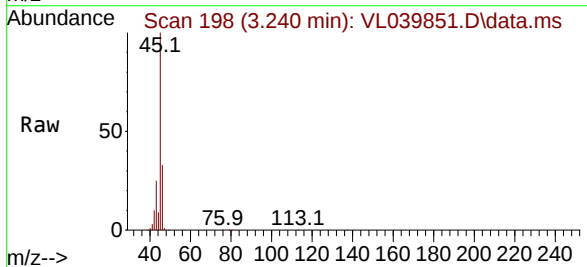
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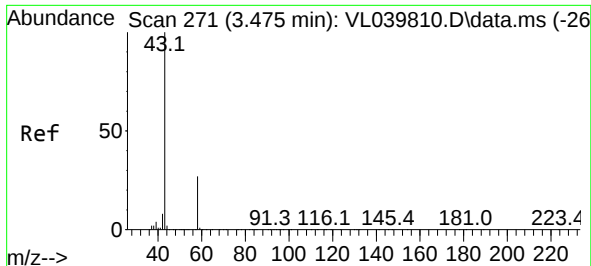
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#13
 Ethanol
 Concen: 78.882 ppbv m
 RT: 3.240 min Scan# 198
 Delta R.T. -0.010 min
 Lab File: VL039851.D
 Acq: 9 Nov 2022 16:54

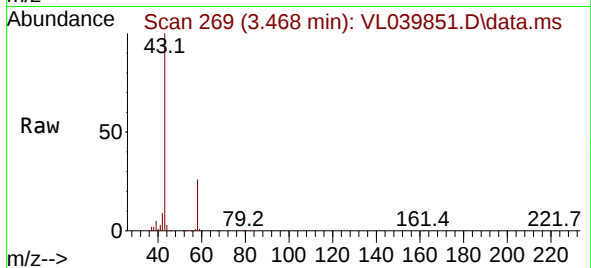
Tgt Ion: 45 Resp: 349860
 Ion Ratio Lower Upper
 45 100
 46 38.3 16.5 65.9





#15
Acetone
Concen: 8.172 ppbv
RT: 3.468 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL039851.D
Acq: 9 Nov 2022 16:54

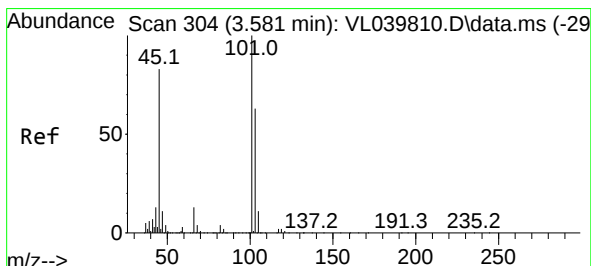
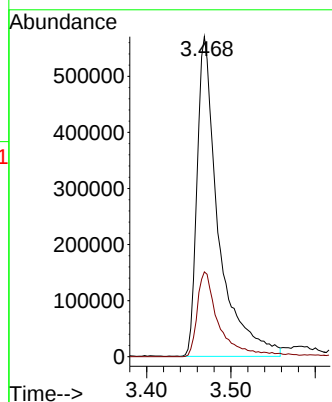
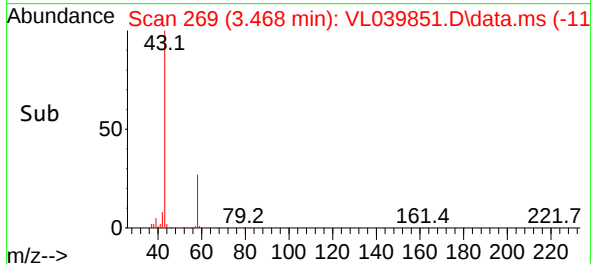
Instrument : MSVOA_L
ClientSampleId : 10053-BASEMENT-BARDL



Tgt Ion: 43 Resp: 1004970
Ion Ratio Lower Upper
43 100
58 28.3 23.2 34.8

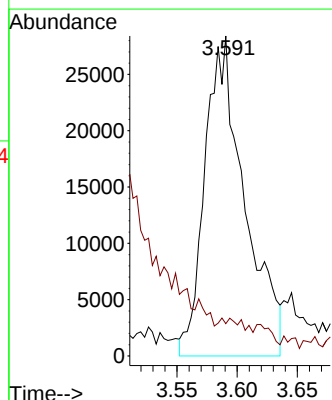
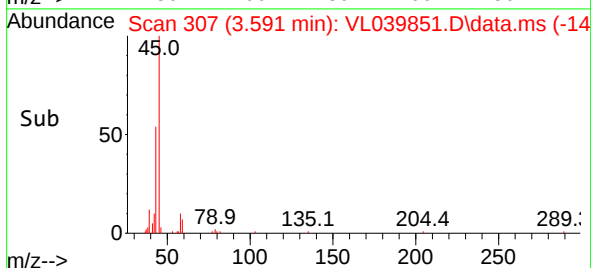
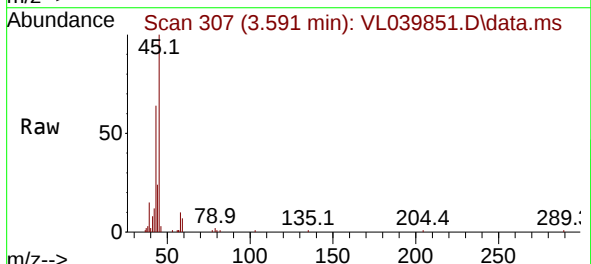
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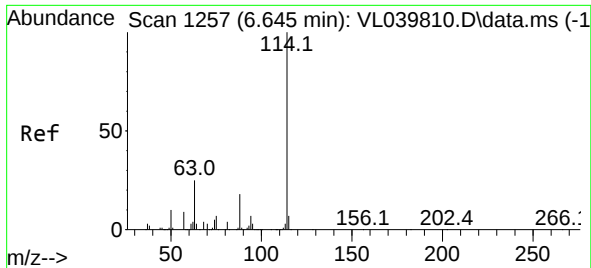
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#19
Isopropyl Alcohol
Concen: 1.069 ppbv m
RT: 3.591 min Scan# 307
Delta R.T. 0.010 min
Lab File: VL039851.D
Acq: 9 Nov 2022 16:54

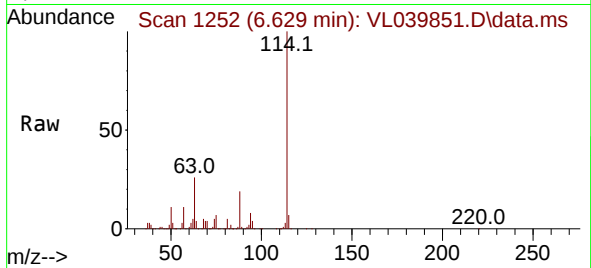
Tgt Ion: 45 Resp: 65040
Ion Ratio Lower Upper
45 100
58 436.6 38.3 57.5#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039851.D
Acq: 9 Nov 2022 16:54

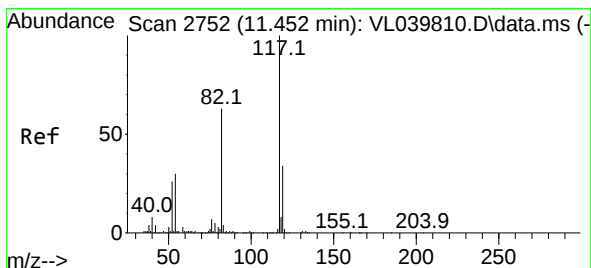
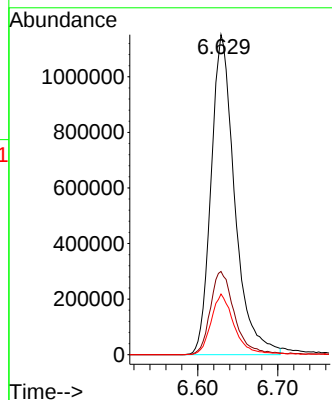
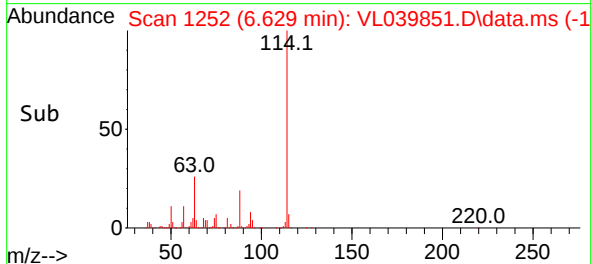
Instrument : MSVOA_L
ClientSampleId : 10053-BASEMENT-BARDL



Tgt Ion:114 Resp: 236344
Ion Ratio Lower Upper
114 100
63 27.4 19.8 29.6
88 19.0 14.4 21.6

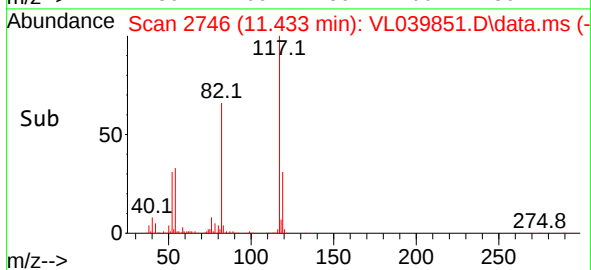
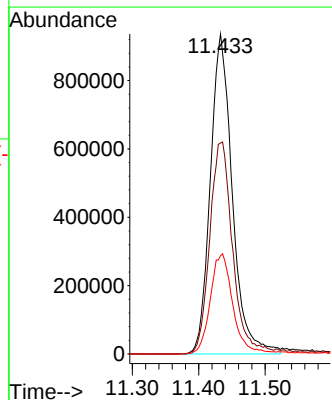
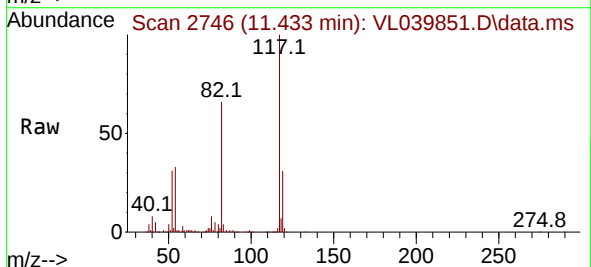
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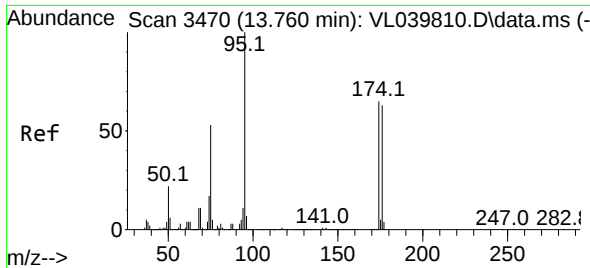
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2746
Delta R.T. -0.019 min
Lab File: VL039851.D
Acq: 9 Nov 2022 16:54

Tgt Ion:117 Resp: 2156564
Ion Ratio Lower Upper
117 100
82 69.7 51.0 76.6
119 32.8 24.7 37.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.371 ppbv

RT: 13.744 min Scan# 34

Delta R.T. -0.016 min

Lab File: VL039851.D

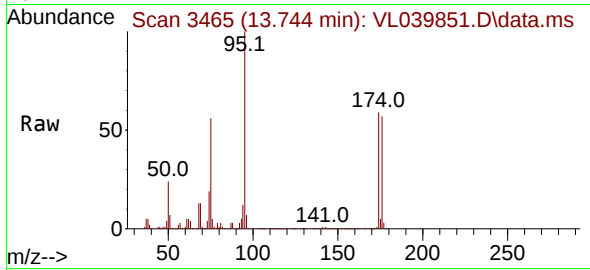
Acq: 9 Nov 2022 16:54

Instrument :

MSVOA_L

ClientSampleId :

10053-BASEMENT-BARDL



Tgt Ion: 95 Resp: 1674059

Ion Ratio Lower Upper

95 100

174 63.7 53.4 80.0

175 4.5 4.1 6.1

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