

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040649.D
 Acq On : 5 Sep 2023 16:08
 Operator : SY/MD
 Sample : 04281-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Quant Time: Sep 06 02:06:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/06/2023
 Supervised By : Mahesh Dadoda 09/06/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	916247	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2430346	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2136952	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1748013	10.285	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.726	85	26551	0.135	ppbv	90
3) Chlorodifluoromethane	2.671	51	12570	0.084	ppbv	99
9) Propene	2.697	41	9112	0.195	ppbv #	80
11) Trichlorofluoromethane	3.555	101	43999	0.276	ppbv	89
13) Ethanol	3.240	45	18603m	1.430	ppbv	
15) Acetone	3.465	43	516399	4.608	ppbv	95
17) tert-Butyl alcohol	3.896	59	15881	0.134	ppbv #	89
20) Methylene Chloride	3.928	84	401162	7.325	ppbv	98
26) Hexane	5.211	57	281308	2.762	ppbv #	39
34) 2-Butanone	4.793	43	48827	0.398	ppbv	93
53) Toluene	9.227	91	27251m	0.133	ppbv	

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

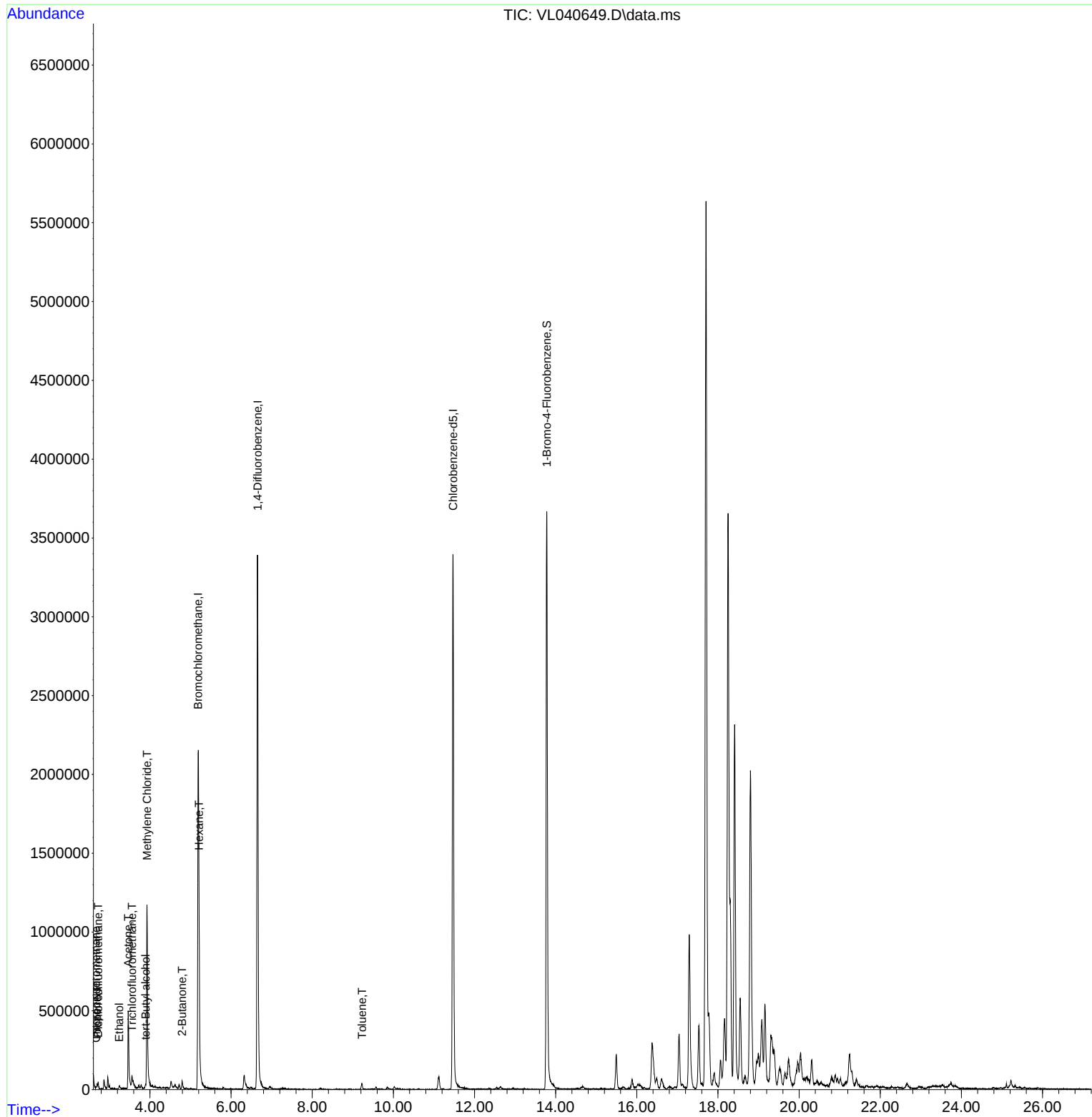
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
Data File : VL040649.D
Acq On : 5 Sep 2023 16:08
Operator : SY/MD
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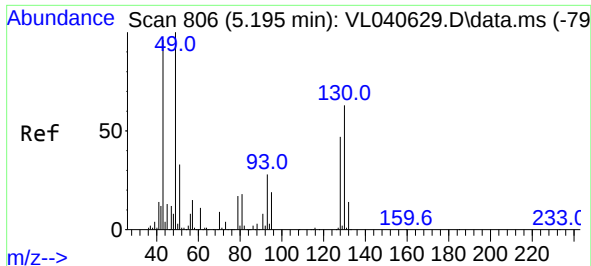
Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Sep 06 02:06:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

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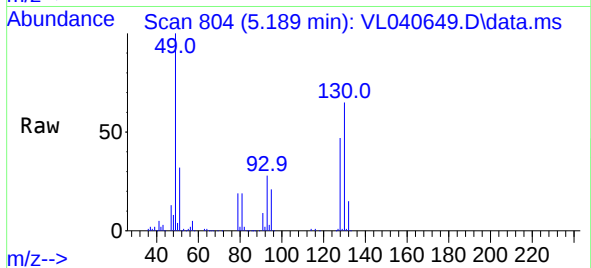
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08

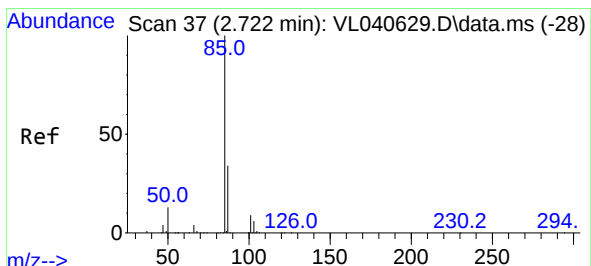
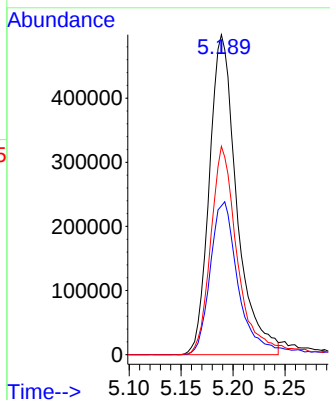
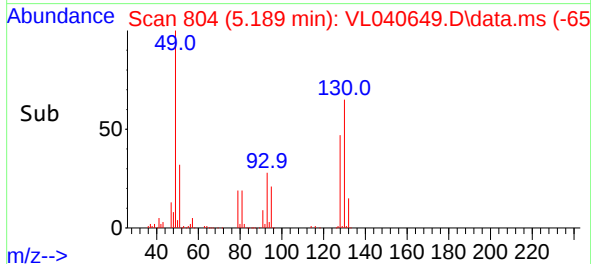
Instrument :
MSVOA_L
ClientSampleId :
SV2



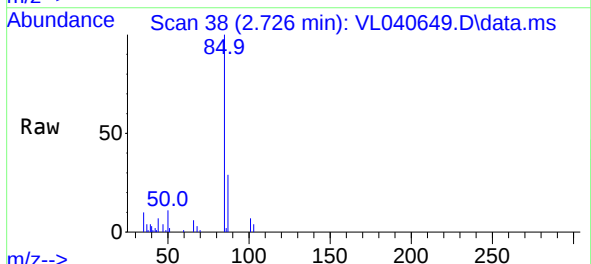
Tgt Ion: 49 Resp: 91624
Ion Ratio Lower Upper
49 100
128 50.9 24.9 74.7
130 66.1 32.2 96.6

Manual Integrations
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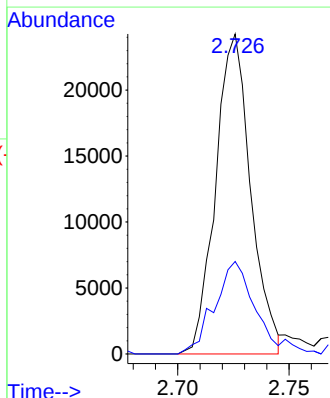
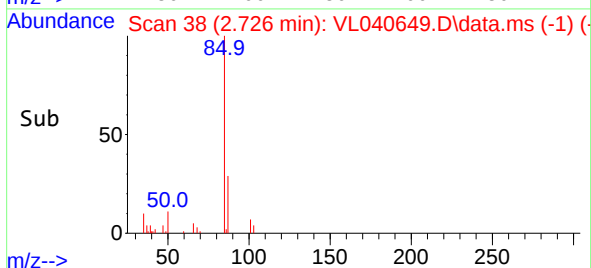
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Supervised By :Mahesh Dadoda 09/06/2023

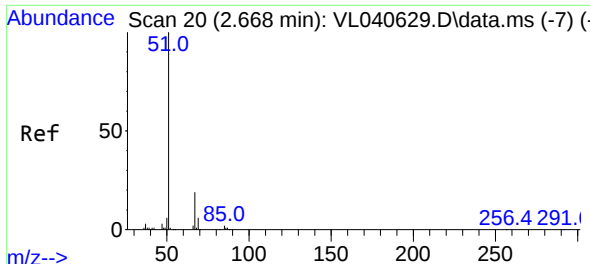


#2
Dichlorodifluoromethane
Concen: 0.135 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.003 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08



Tgt Ion: 85 Resp: 26551
Ion Ratio Lower Upper
85 100
87 28.9 27.5 41.3





#3

Chlorodifluoromethane

Concen: 0.084 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040649.D

Acq: 5 Sep 2023 16:08

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tgt Ion: 51 Resp: 12570

Ion Ratio Lower Upper

51 100

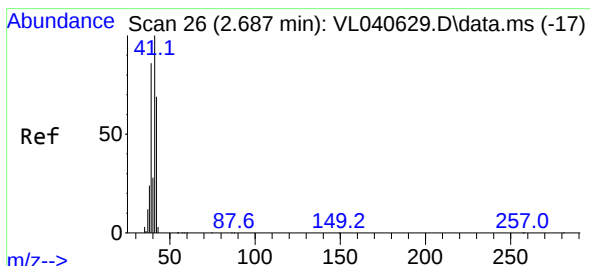
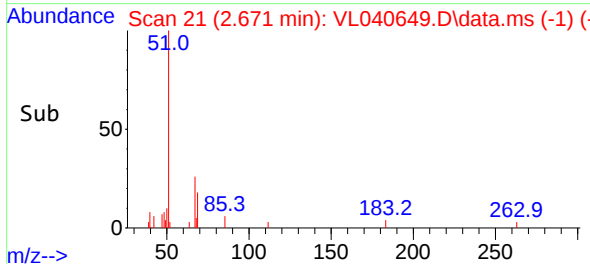
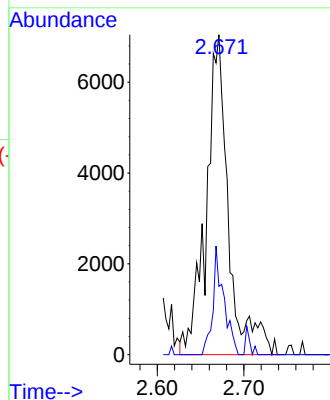
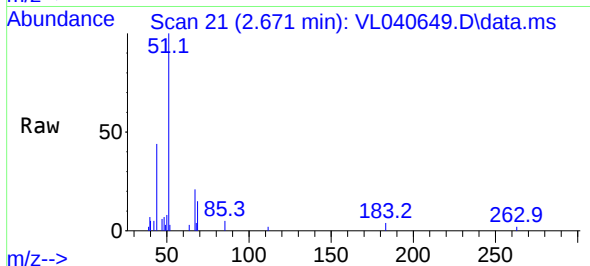
67 18.4 15.0 22.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023



#9

Propene

Concen: 0.195 ppbv

RT: 2.697 min Scan# 29

Delta R.T. 0.010 min

Lab File: VL040649.D

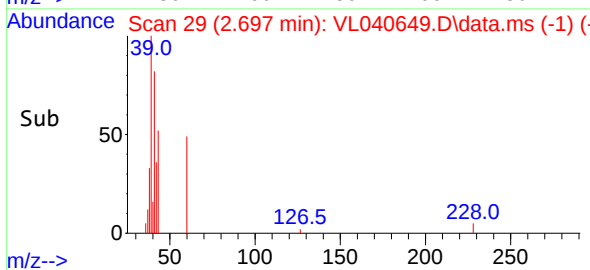
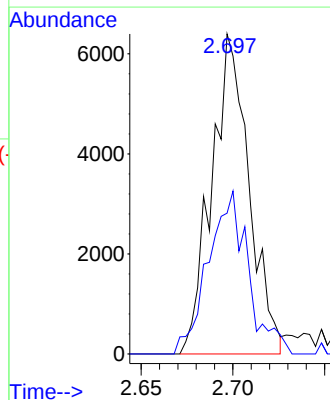
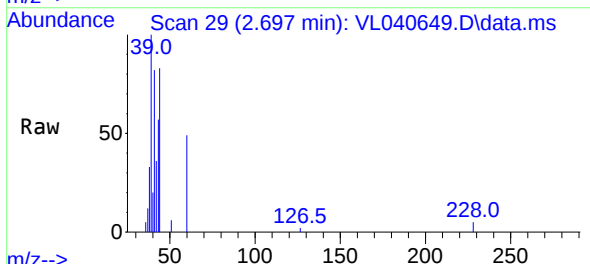
Acq: 5 Sep 2023 16:08

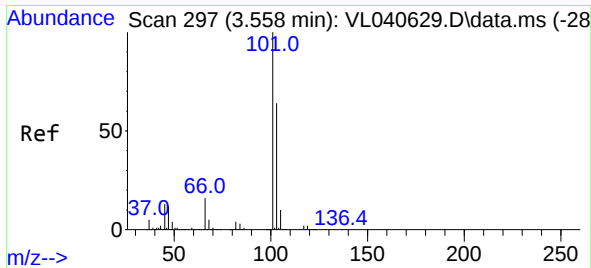
Tgt Ion: 41 Resp: 9112

Ion Ratio Lower Upper

41 100

42 53.9 56.5 84.7#





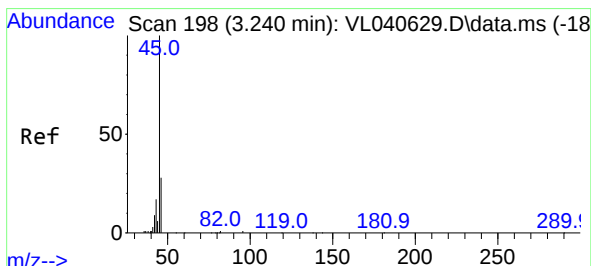
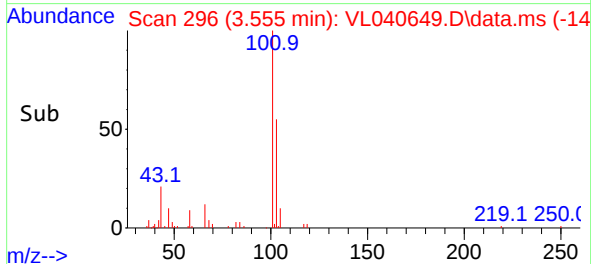
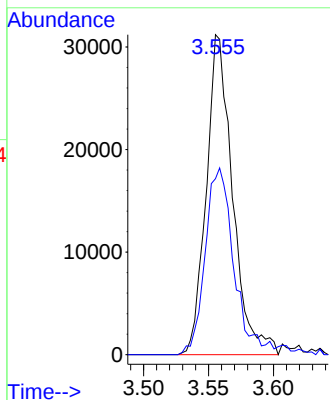
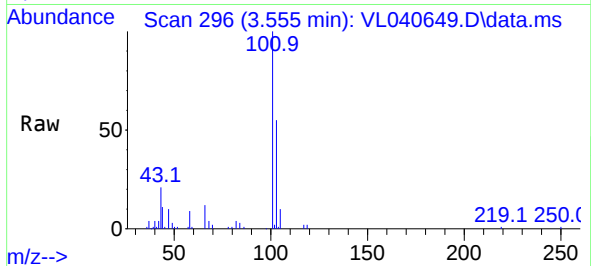
#11
Trichlorofluoromethane
Concen: 0.276 ppbv
RT: 3.555 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion:101 Resp: 43995
Ion Ratio Lower Upper
101 100
103 55.0 51.1 76.7

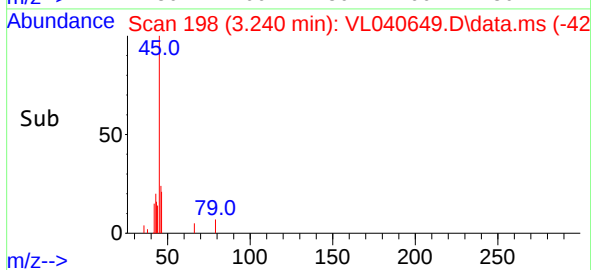
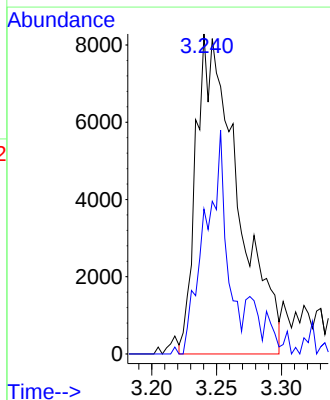
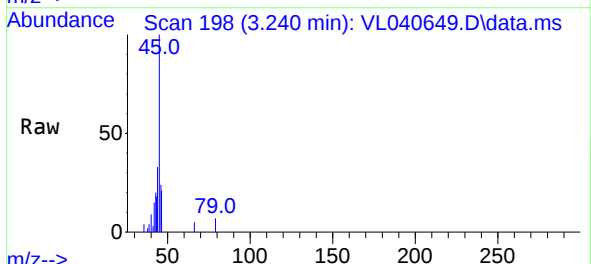
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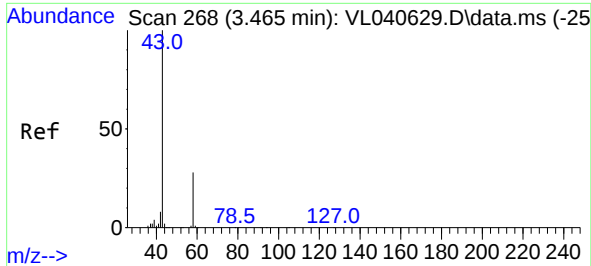
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#13
Ethanol
Concen: 1.430 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. 0.000 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08

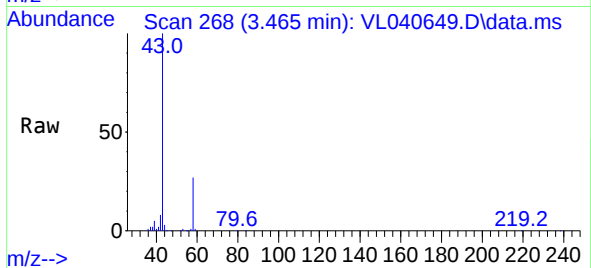
Tgt Ion: 45 Resp: 18603
Ion Ratio Lower Upper
45 100
46 0.0 14.2 56.6#





#15
Acetone
Concen: 4.608 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08

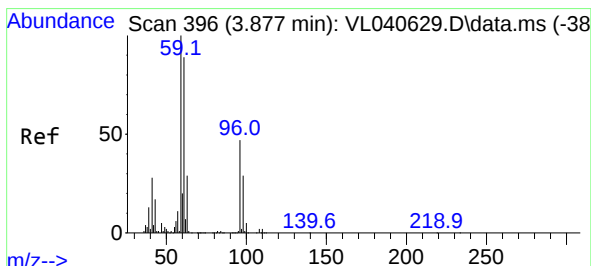
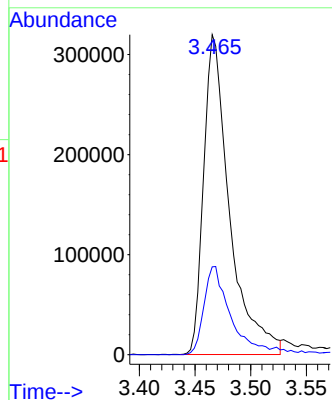
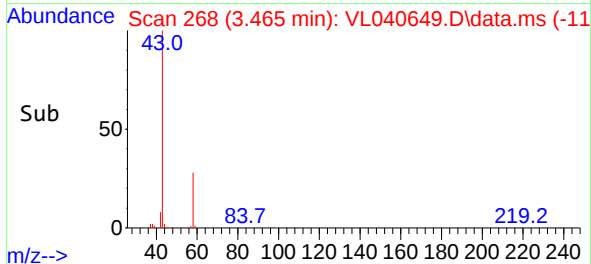
Instrument :
MSVOA_L
ClientSampleId :
SV2



Tgt Ion: 43 Resp: 516399
Ion Ratio Lower Upper
43 100
58 30.8 22.4 33.6

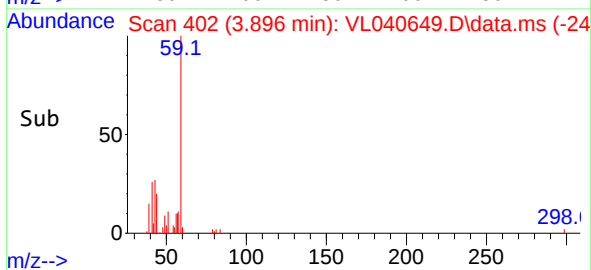
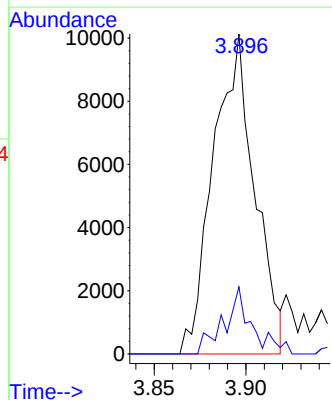
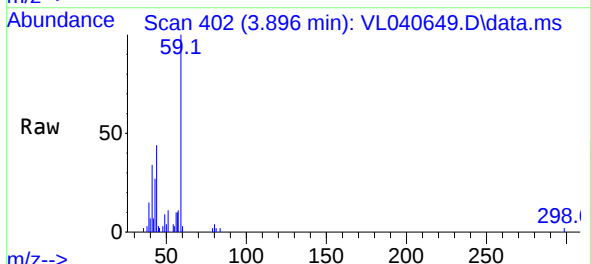
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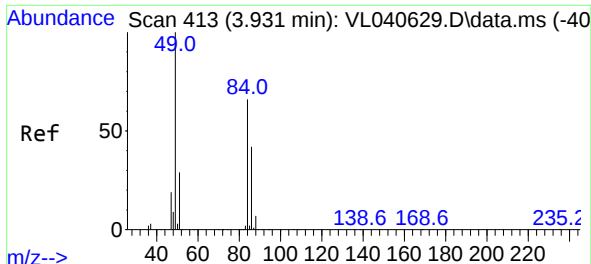
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#17
tert-Butyl alcohol
Concen: 0.134 ppbv
RT: 3.896 min Scan# 402
Delta R.T. 0.019 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08

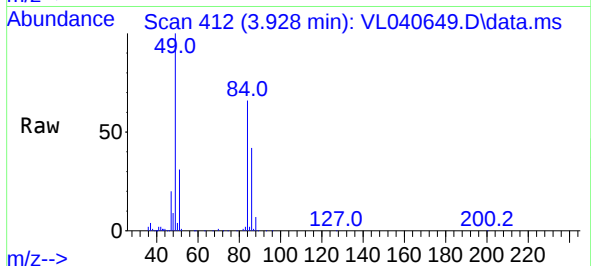
Tgt Ion: 59 Resp: 15881
Ion Ratio Lower Upper
59 100
57 14.7 8.4 12.6#





#20
Methylene Chloride
Concen: 7.325 ppbv
RT: 3.928 min Scan# 413
Delta R.T. -0.003 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08

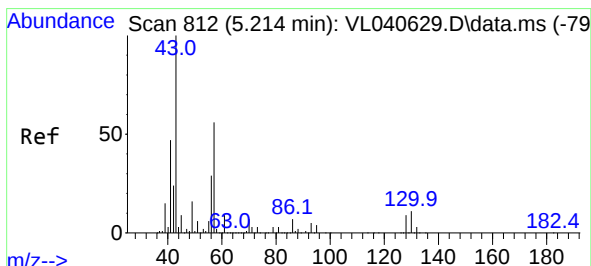
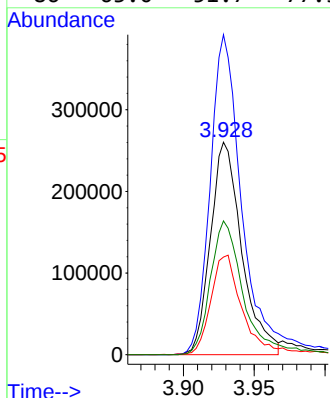
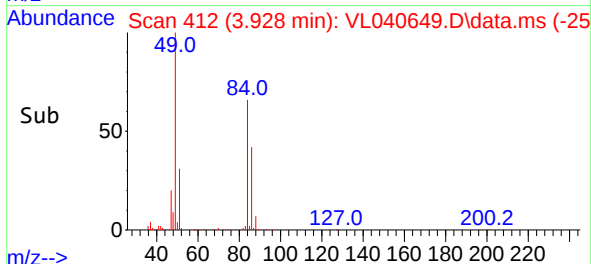
Instrument :
MSVOA_L
ClientSampleId :
SV2



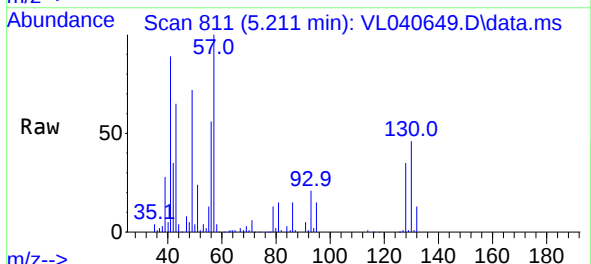
Tgt Ion: 84 Resp: 401162
Ion Ratio Lower Upper
84 100
49 150.3 122.1 183.1
51 45.6 35.4 53.2
86 63.0 51.7 77.5

Manual Integrations
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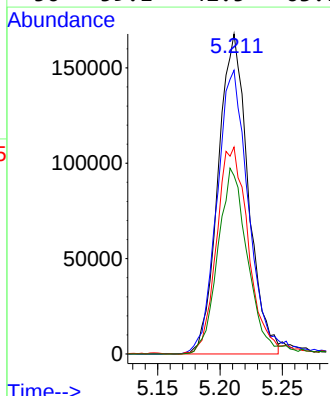
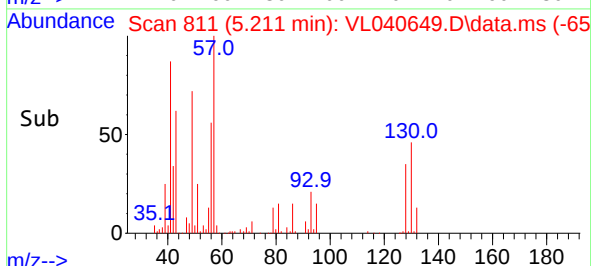
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

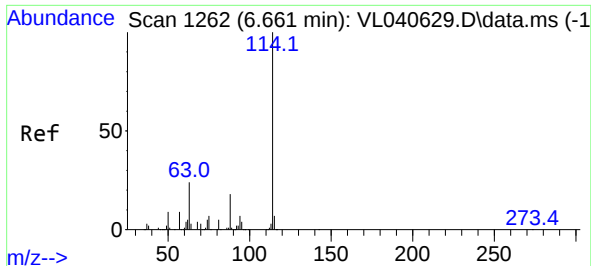


#26
Hexane
Concen: 2.762 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08



Tgt Ion: 57 Resp: 281308
Ion Ratio Lower Upper
57 100
41 95.3 69.3 103.9
43 70.5 177.9 266.9#
56 59.1 42.5 63.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040649.D

Acq: 5 Sep 2023 16:08

Instrument :

MSVOA_L

ClientSampleId :

SV2

Tgt Ion:114 Resp: 243034

Ion Ratio Lower Upper

114 100

63 26.1 20.2 30.2

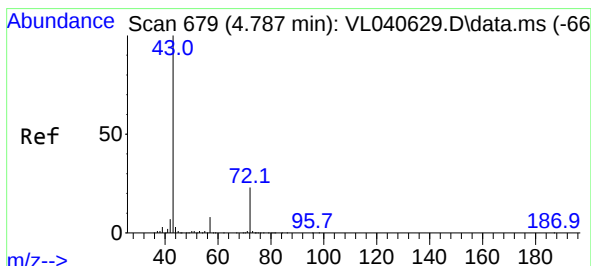
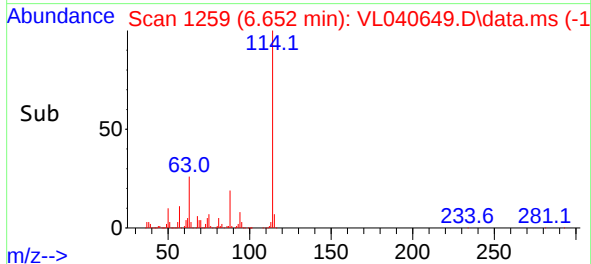
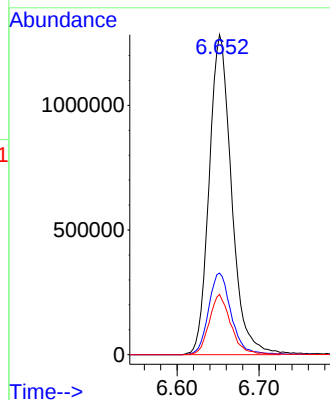
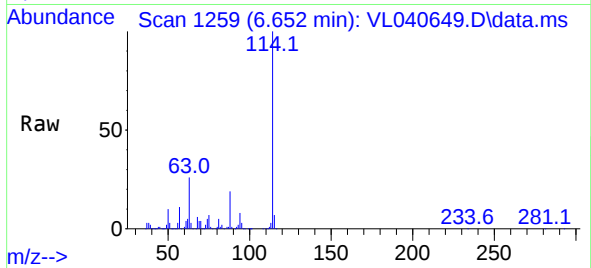
88 18.4 14.1 21.1

Manual Integrations

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#34

2-Butanone

Concen: 0.398 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.007 min

Lab File: VL040649.D

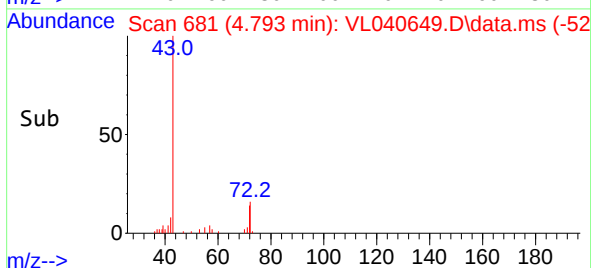
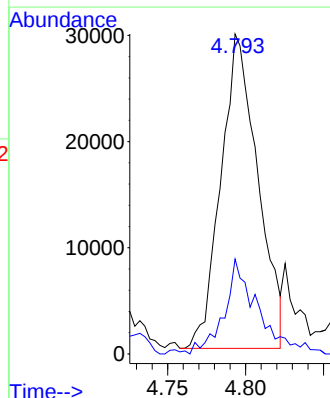
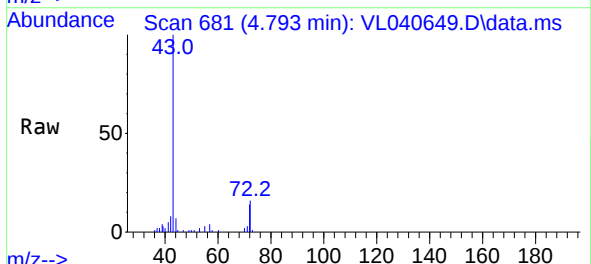
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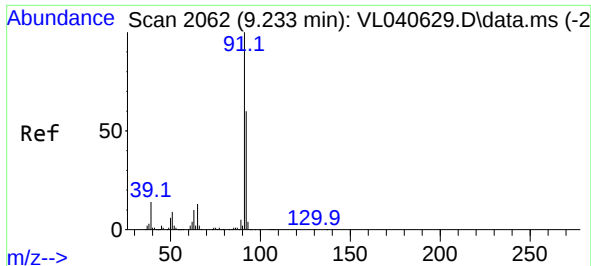
Tgt Ion: 43 Resp: 48827

Ion Ratio Lower Upper

43 100

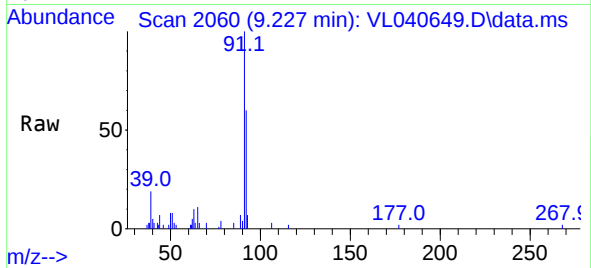
72 27.6 19.2 28.8





#53
Toluene
Concen: 0.133 ppbv m
RT: 9.227 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08

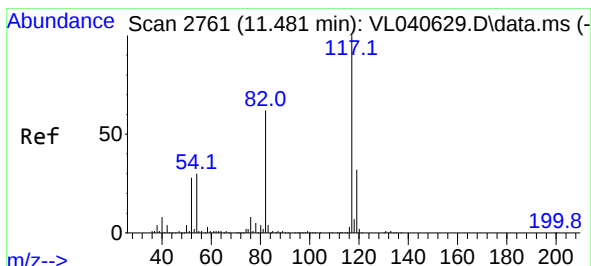
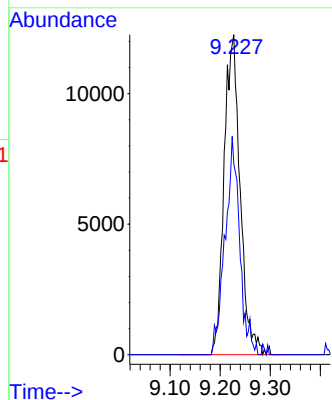
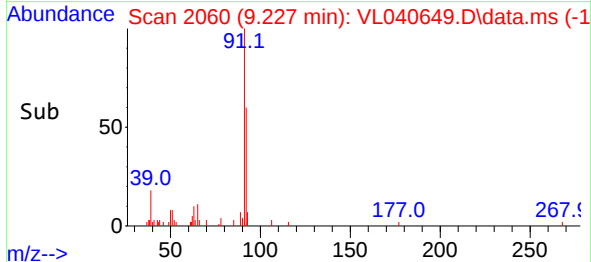
Instrument :
MSVOA_L
ClientSampleId :
SV2



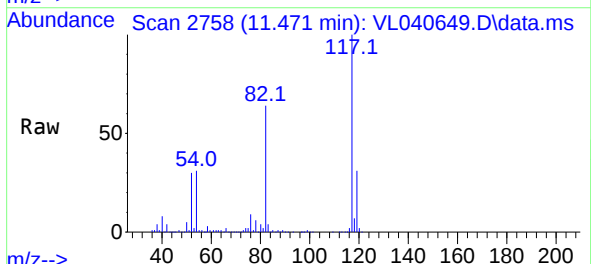
Tgt Ion: 91 Resp: 2725
Ion Ratio Lower Upper
91 100
92 62.3 48.0 72.0

Manual Integrations
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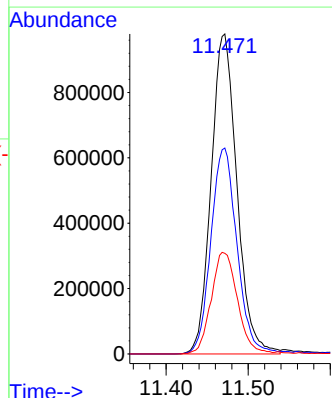
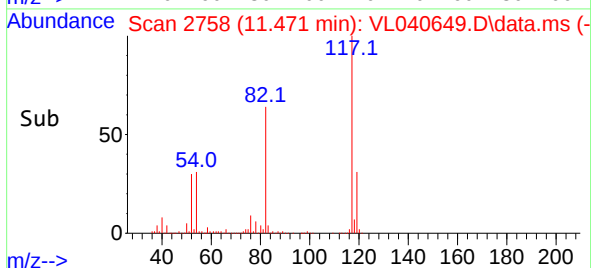
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

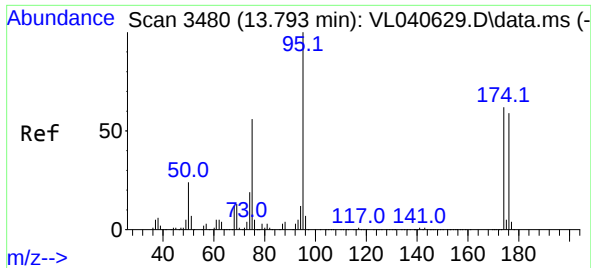


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.010 min
Lab File: VL040649.D
Acq: 5 Sep 2023 16:08



Tgt Ion:117 Resp: 2136952
Ion Ratio Lower Upper
117 100
82 65.7 49.5 74.3
119 33.1 24.5 36.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.285 ppbv
 RT: 13.780 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL040649.D
 Acq: 5 Sep 2023 16:08

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Tgt Ion: 95 Resp: 174801
 Ion Ratio Lower Upper
 95 100
 174 61.3 49.1 73.7
 175 4.1 3.7 5.5

Manual Integrations
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 Supervised By :Mahesh Dadoda 09/06/2023

