

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040662.D
 Acq On : 6 Sep 2023 1:09
 Operator : SY/MD
 Sample : 04281-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 02:09:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	740648	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2024882	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	1775964	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1439755	10.193	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	22185	0.139	ppbv	95
3) Chlorodifluoromethane	2.665	51	8821m	0.073	ppbv	
4) Chloromethane	2.800	50	7573m	0.160	ppbv	
9) Propene	2.697	41	5435	0.144	ppbv	84
11) Trichlorofluoromethane	3.552	101	11116	0.086	ppbv	95
13) Ethanol	3.240	45	9315m	0.886	ppbv	
15) Acetone	3.468	43	127636	1.409	ppbv	92
20) Methylene Chloride	3.925	84	53810	1.215	ppbv	95
26) Hexane	5.208	57	32564m	0.396	ppbv	

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

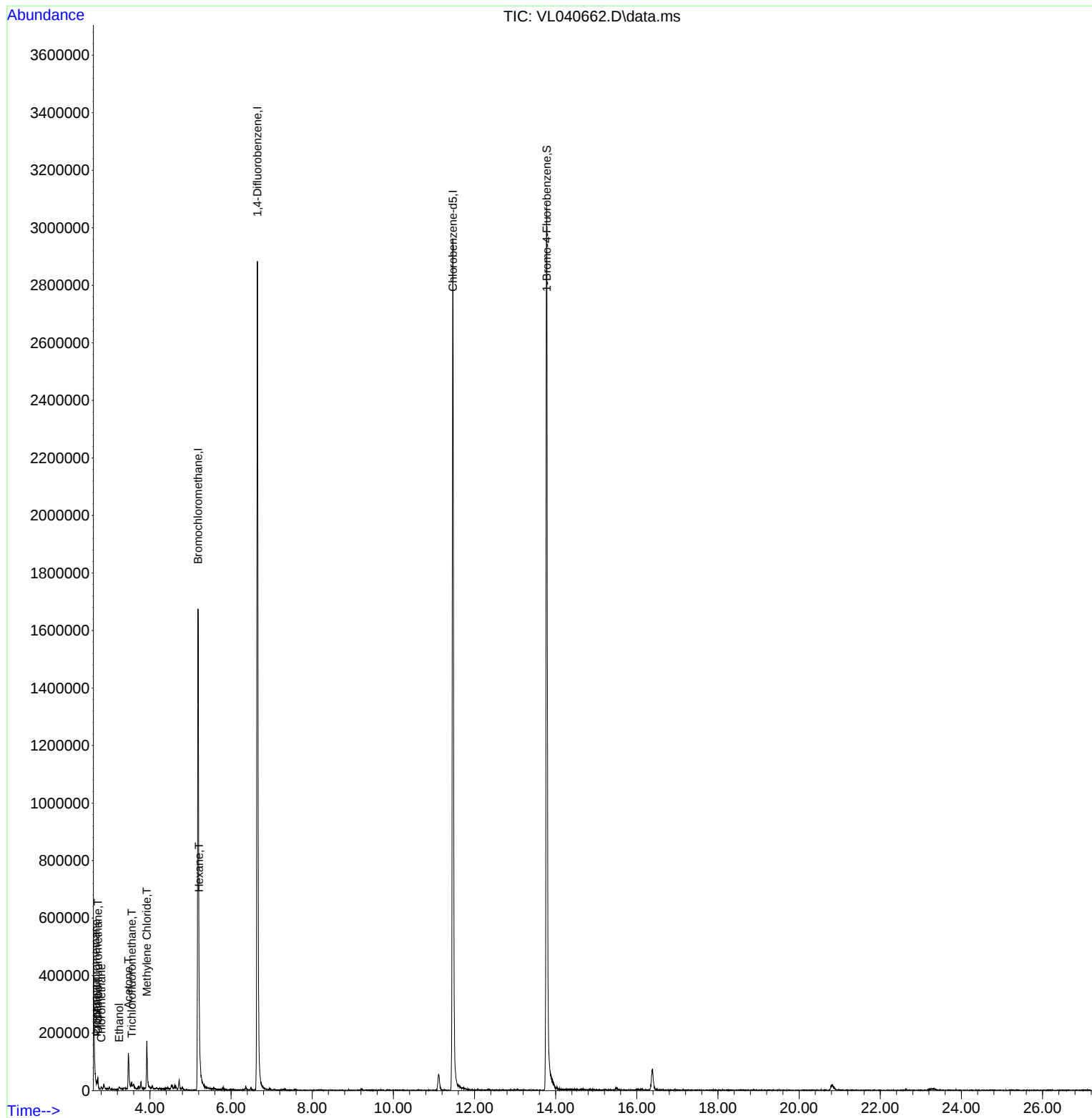
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
Data File : VL040662.D
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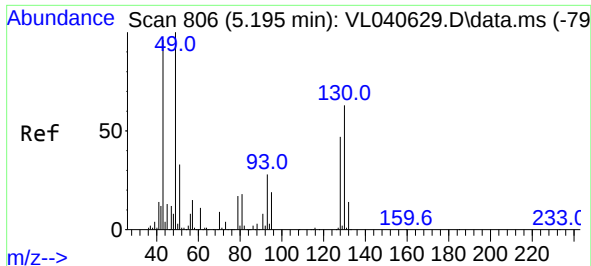
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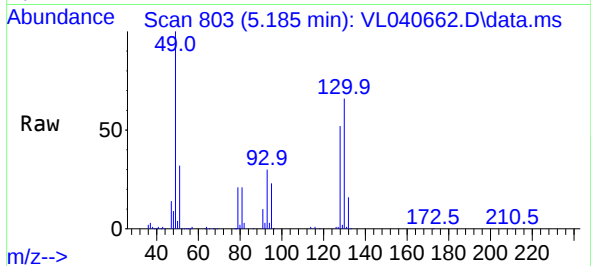
Quant Time: Sep 06 02:09:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09

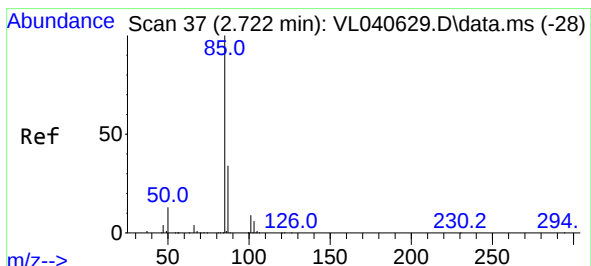
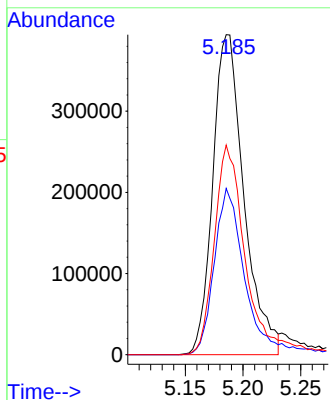
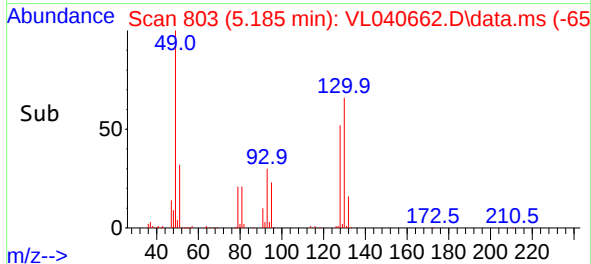
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 740648
Ion Ratio Lower Upper
49 100
128 52.2 24.9 74.7
130 66.9 32.2 96.6

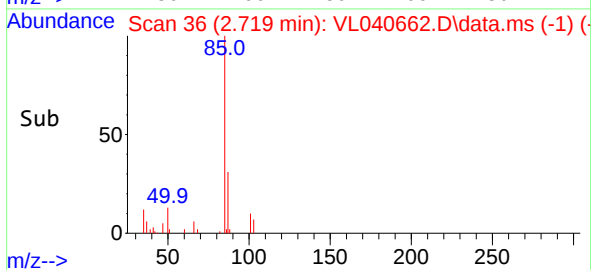
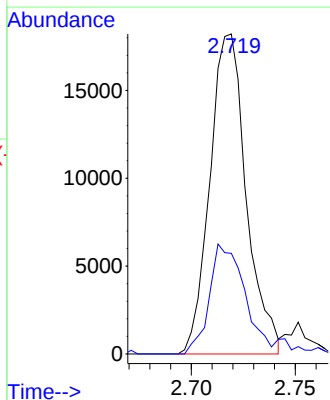
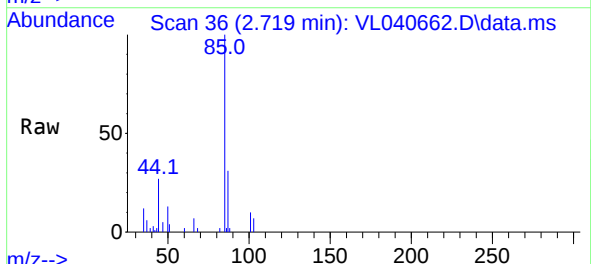
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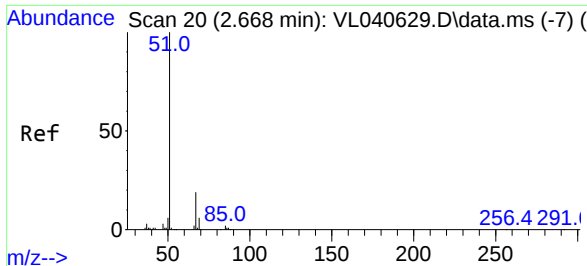
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#2
Dichlorodifluoromethane
Concen: 0.139 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09

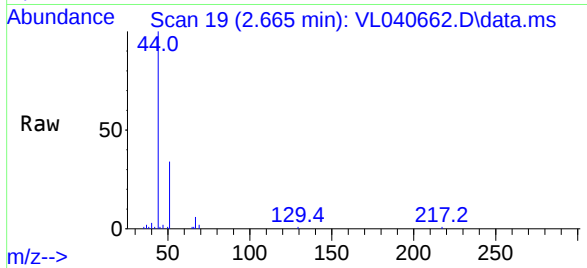
Tgt Ion: 85 Resp: 22185
Ion Ratio Lower Upper
85 100
87 31.5 27.5 41.3





#3
Chlorodifluoromethane
Concen: 0.073 ppbv m
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09

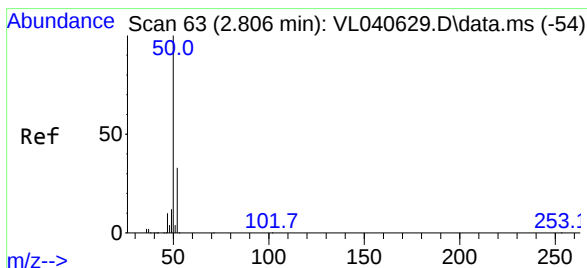
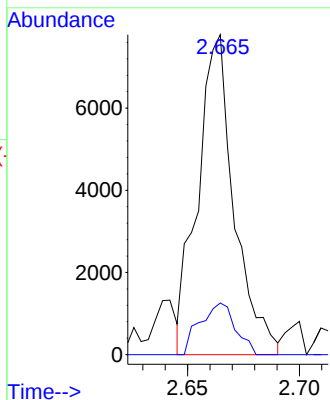
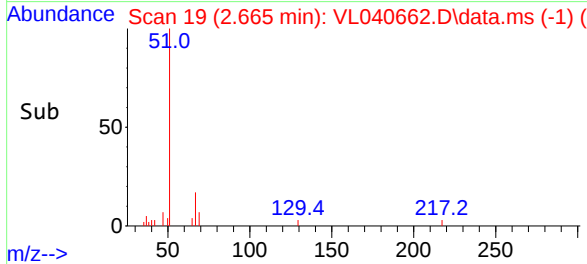
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 51 Resp: 882
Ion Ratio Lower Upper
51 100
67 15.7 15.0 22.6

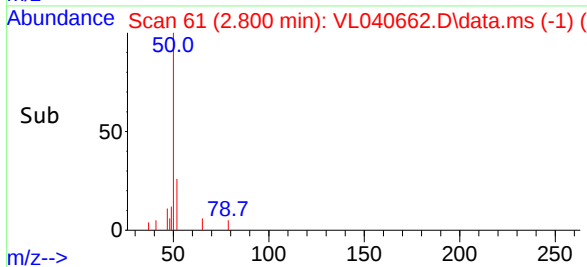
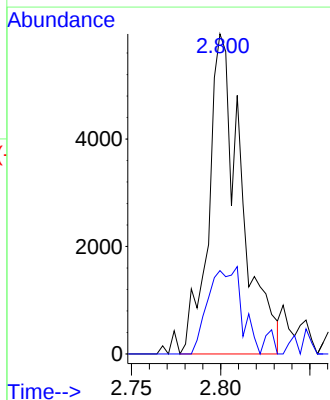
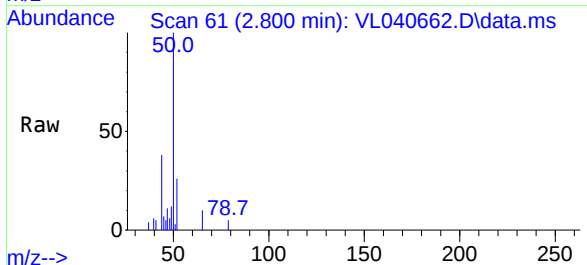
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Supervised By :Mahesh Dadoda 09/06/2023

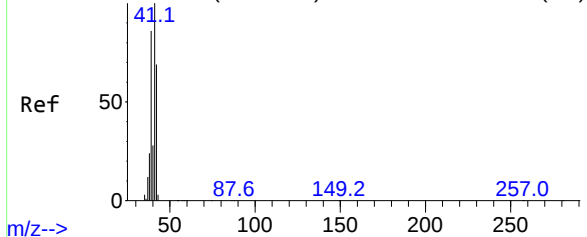


#4
Chloromethane
Concen: 0.160 ppbv m
RT: 2.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09

Tgt Ion: 50 Resp: 7573
Ion Ratio Lower Upper
50 100
52 26.0 26.2 39.2#



Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9

Propene

Concen: 0.144 ppbv

RT: 2.697 min Scan# 29

Delta R.T. 0.010 min

Lab File: VL040662.D

Acq: 6 Sep 2023 1:09

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

Tgt Ion: 41 Resp: 543

Ion Ratio Lower Upper

41 100

42 57.6 56.5 84.7

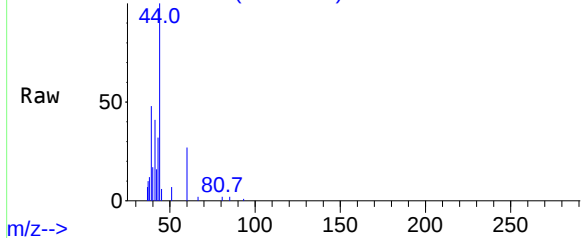
Manual Integrations

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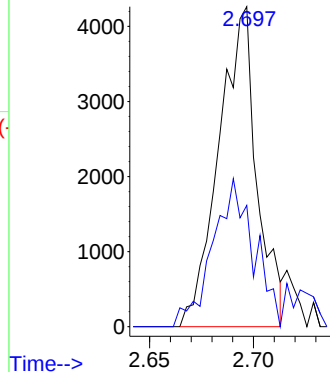
Reviewed By :Semsettin Yesilyurt 09/06/2023

Supervised By :Mahesh Dadoda 09/06/2023

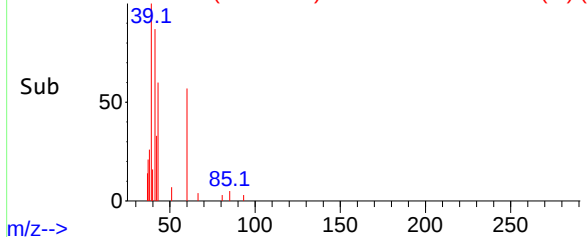
Abundance Scan 29 (2.697 min): VL040662.D\data.ms



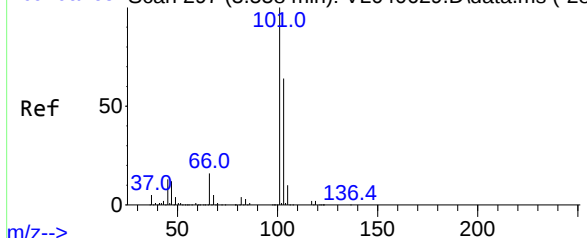
Abundance



Abundance Scan 29 (2.697 min): VL040662.D\data.ms (-1) (-



Abundance Scan 297 (3.558 min): VL040629.D\data.ms (-28



#11

Trichlorofluoromethane

Concen: 0.086 ppbv

RT: 3.552 min Scan# 295

Delta R.T. -0.006 min

Lab File: VL040662.D

Acq: 6 Sep 2023 1:09

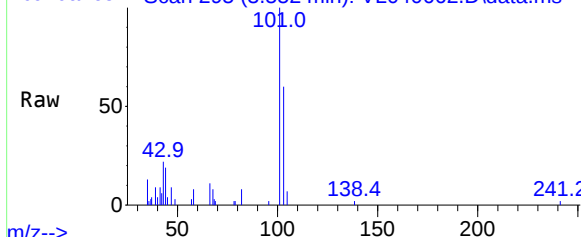
Tgt Ion:101 Resp: 11116

Ion Ratio Lower Upper

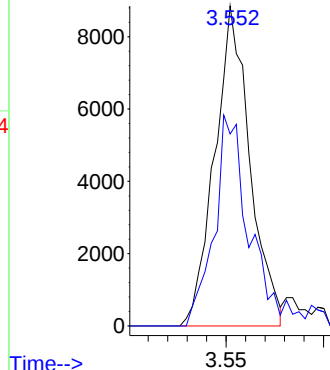
101 100

103 60.0 51.1 76.7

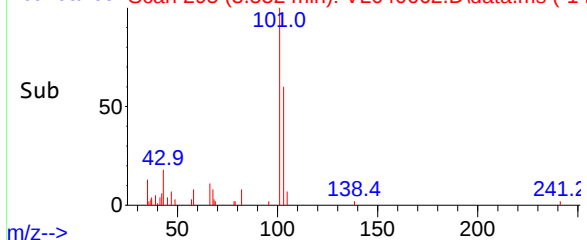
Abundance Scan 295 (3.552 min): VL040662.D\data.ms

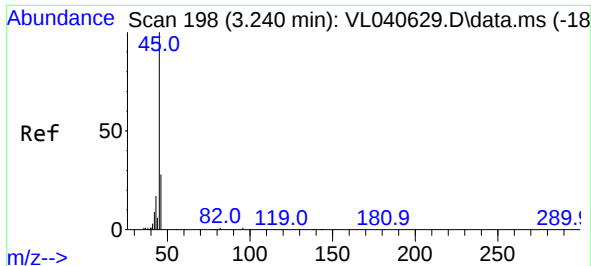


Abundance



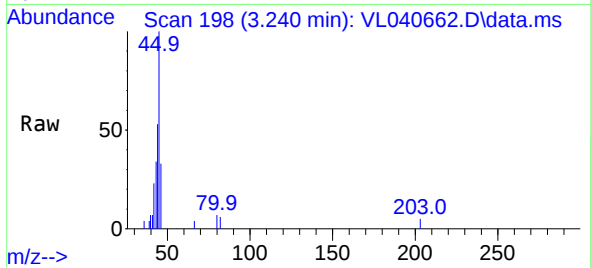
Abundance Scan 295 (3.552 min): VL040662.D\data.ms (-14





#13
Ethanol
Concen: 0.886 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. -0.000 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09

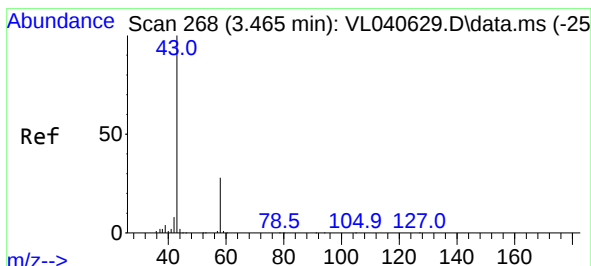
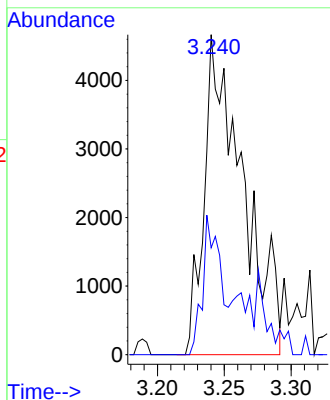
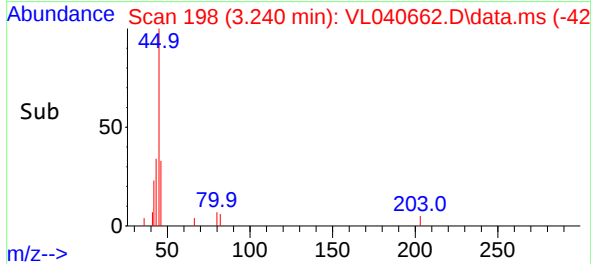
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



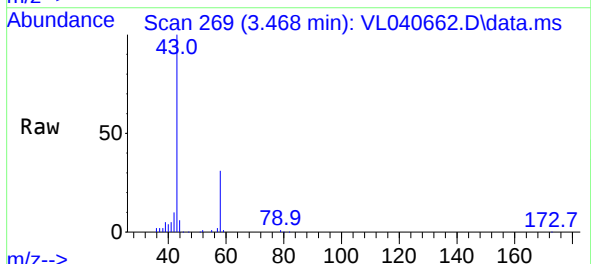
Tgt Ion: 45 Resp: 931
Ion Ratio Lower Upper
45 100
46 26.8 14.2 56.6

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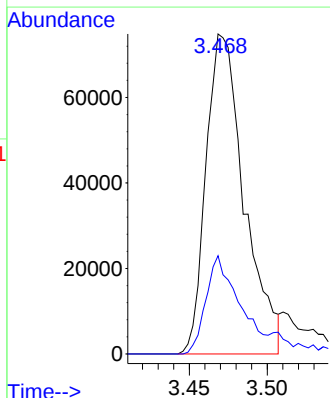
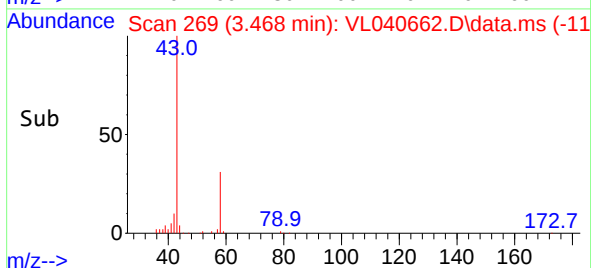
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

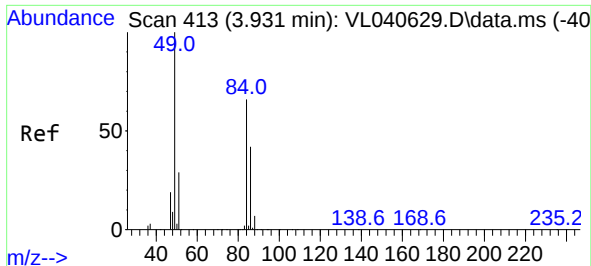


#15
Acetone
Concen: 1.409 ppbv
RT: 3.468 min Scan# 269
Delta R.T. 0.003 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09



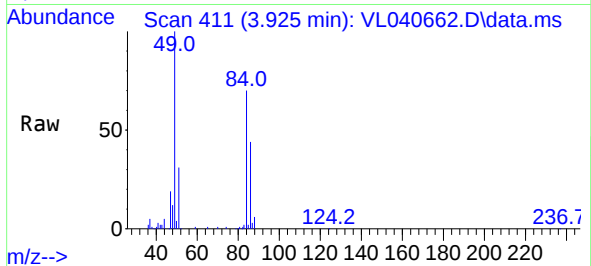
Tgt Ion: 43 Resp: 127636
Ion Ratio Lower Upper
43 100
58 32.4 22.4 33.6





#20
Methylene Chloride
Concen: 1.215 ppbv
RT: 3.925 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09

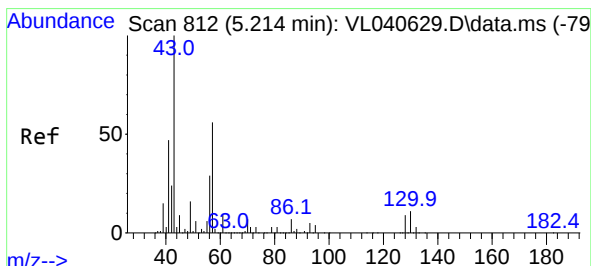
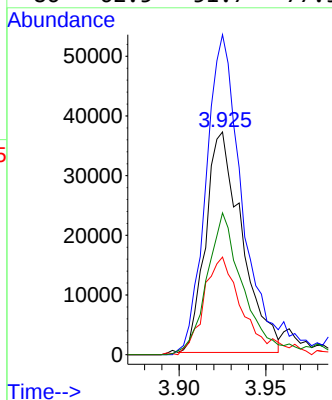
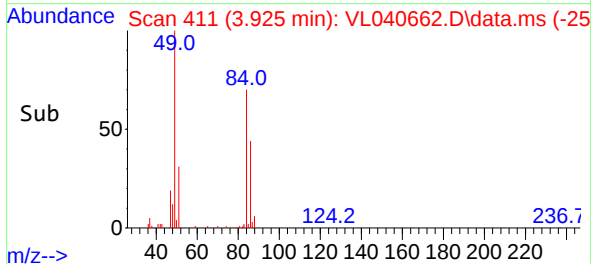
Instrument :
MSVOA_L
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OA1DL



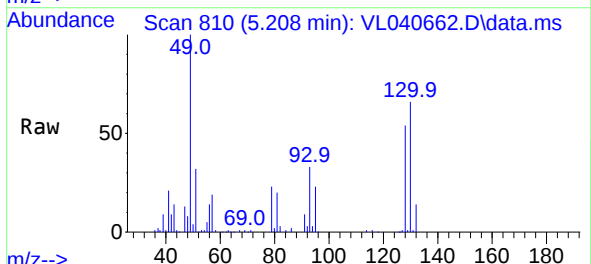
Tgt Ion: 84 Resp: 53810
Ion Ratio Lower Upper
84 100
49 143.0 122.1 183.1
51 44.3 35.4 53.2
86 62.5 51.7 77.5

Manual Integrations
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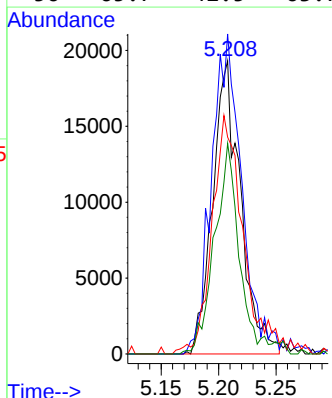
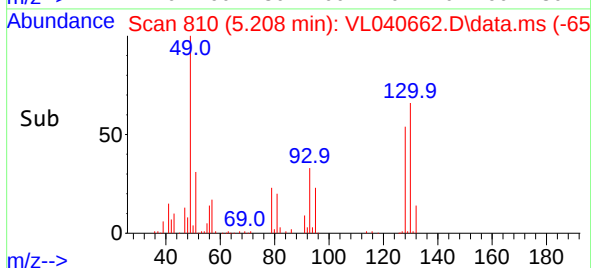
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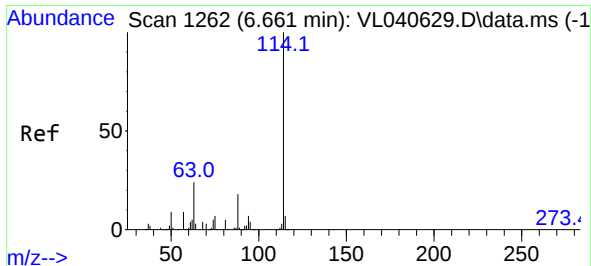


#26
Hexane
Concen: 0.396 ppbv m
RT: 5.208 min Scan# 810
Delta R.T. -0.006 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09



Tgt Ion: 57 Resp: 32564
Ion Ratio Lower Upper
57 100
41 120.2 69.3 103.9#
43 93.2 177.9 266.9#
56 65.7 42.5 63.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040662.D

Acq: 6 Sep 2023 1:09

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

Tgt Ion:114 Resp: 202488

Ion Ratio Lower Upper

114 100

63 26.2 20.2 30.2

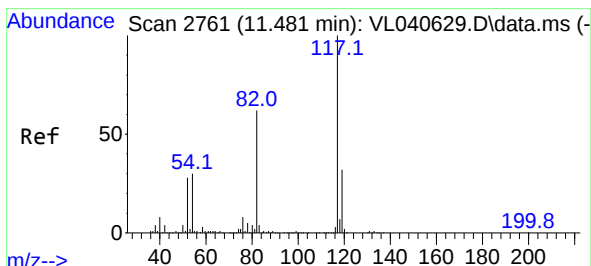
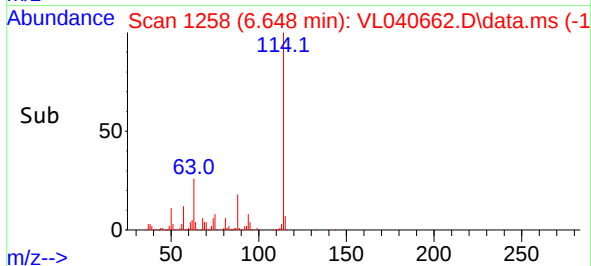
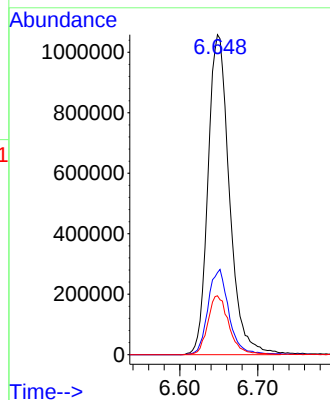
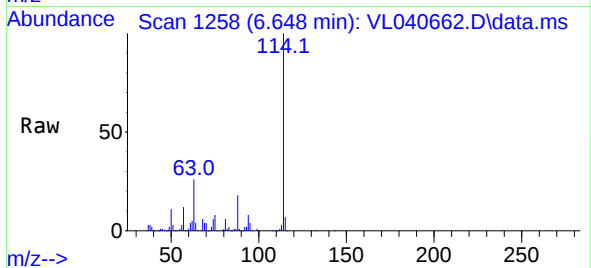
88 18.3 14.1 21.1

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. -0.013 min

Lab File: VL040662.D

Acq: 6 Sep 2023 1:09

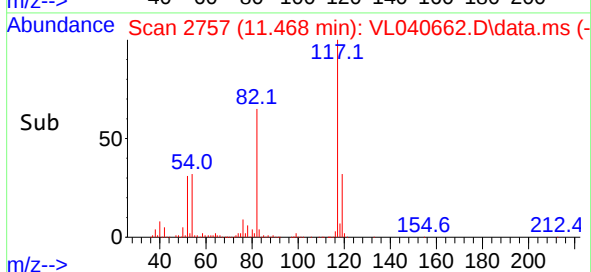
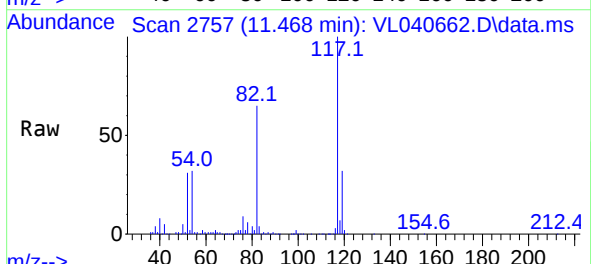
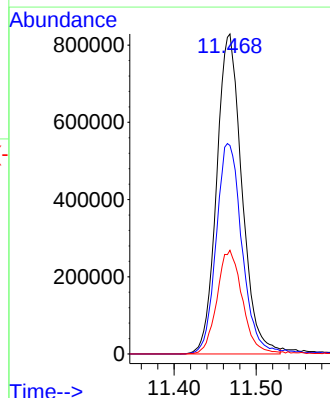
Tgt Ion:117 Resp: 1775964

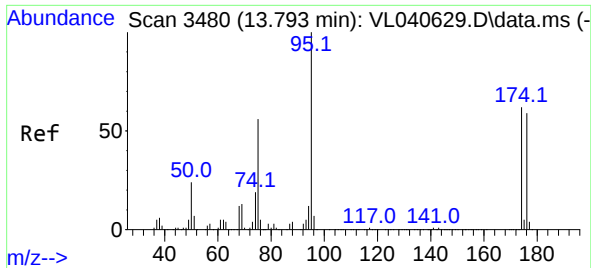
Ion Ratio Lower Upper

117 100

82 67.8 49.5 74.3

119 33.1 24.5 36.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.193 ppbv
RT: 13.780 min Scan# 34
Delta R.T. -0.013 min
Lab File: VL040662.D
Acq: 6 Sep 2023 1:09

Instrument :
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Tgt Ion: 95 Resp: 143975
Ion Ratio Lower Upper
95 100
174 62.5 49.1 73.7
175 4.3 3.7 5.5

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