

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040660.D
 Acq On : 5 Sep 2023 23:47
 Operator : SY/MD
 Sample : 04281-04DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 02:08:45 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-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	769571	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2032994	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	1812983	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1451331	10.066	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
2) Dichlorodifluoromethane	2.716	85	41672	0.251	ppbv	97
4) Chloromethane	2.803	50	6507	0.132	ppbv	97
9) Propene	2.693	41	5835	0.149	ppbv	85
11) Trichlorofluoromethane	3.549	101	90019	0.673	ppbv	90
13) Ethanol	3.237	45	42225	3.864	ppbv	89
15) Acetone	3.459	43	171600	1.823	ppbv	95
20) Methylene Chloride	3.922	84	335350	7.290	ppbv	98
26) Hexane	5.205	57	158690	1.855	ppbv #	38
34) 2-Butanone	4.793	43	10162m	0.099	ppbv	

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

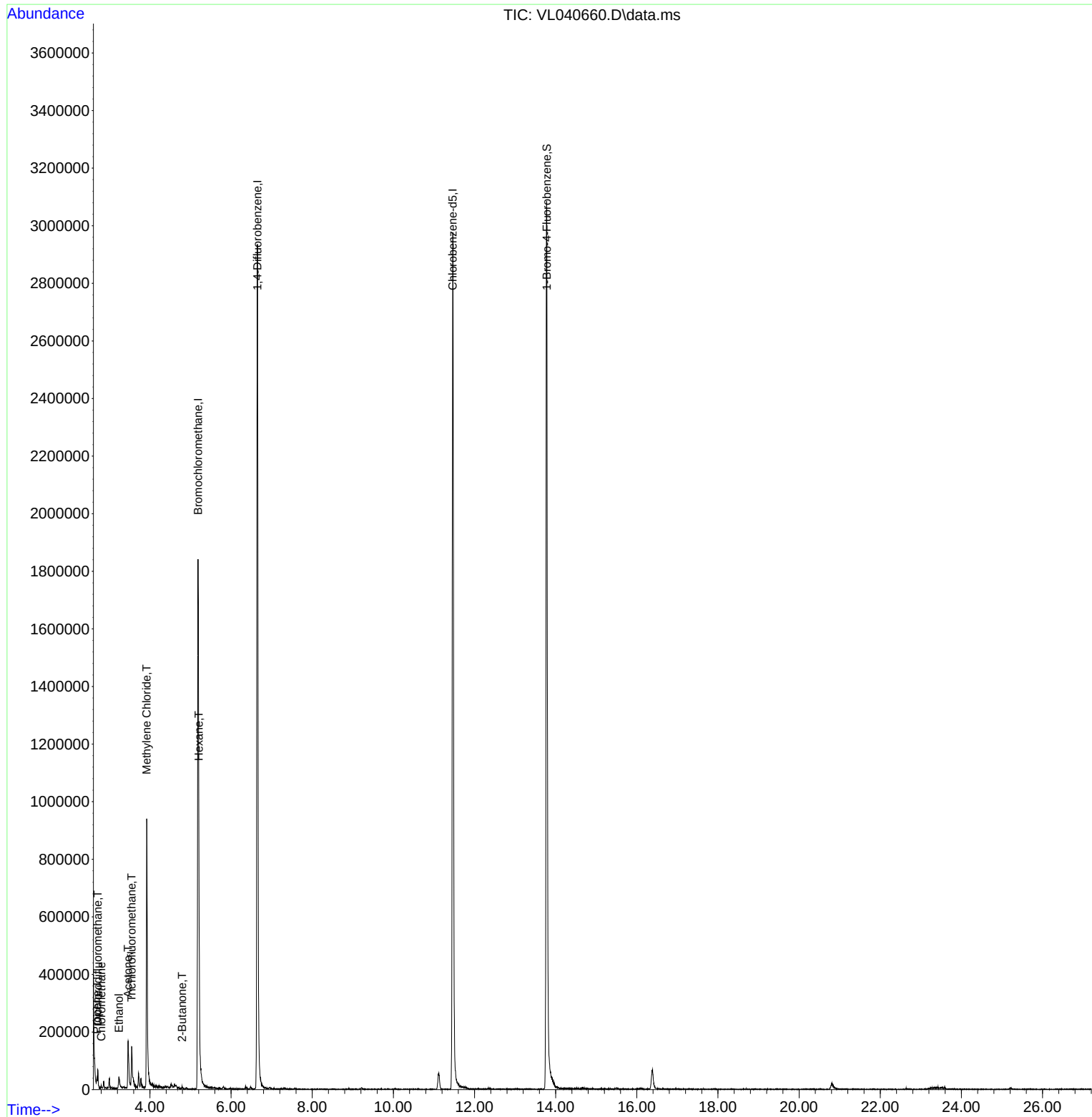
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
Data File : VL040660.D
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Misc : 400mL/MSVOA_L
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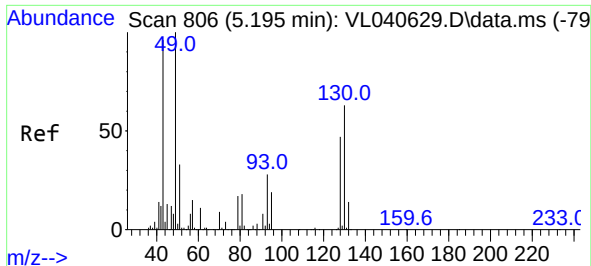
Instrument :
MSVOA_L
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Quant Time: Sep 06 02:08:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

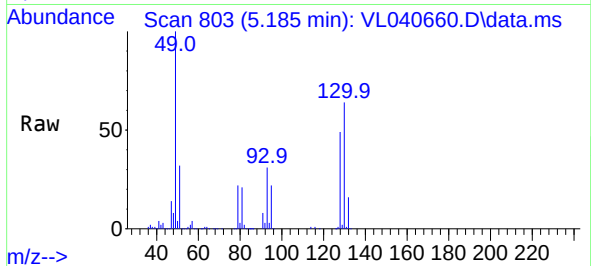
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

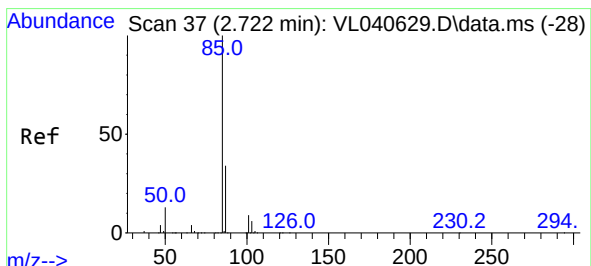
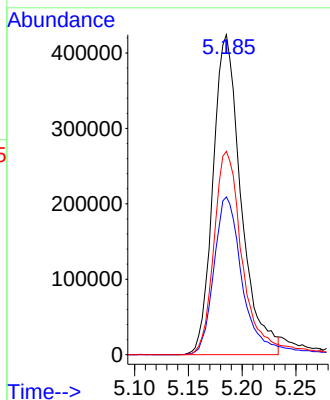
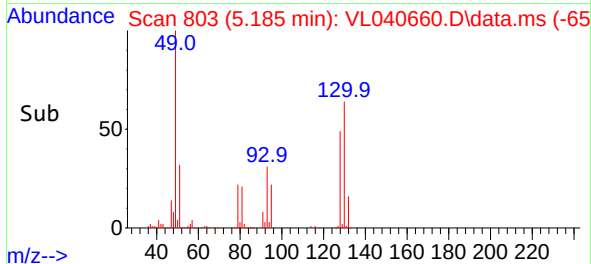
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 49 Resp: 76957
Ion Ratio Lower Upper
49 100
128 52.4 24.9 74.7
130 67.2 32.2 96.6

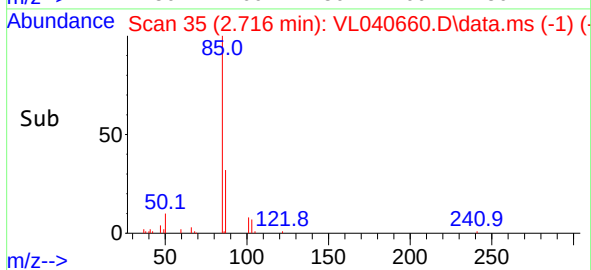
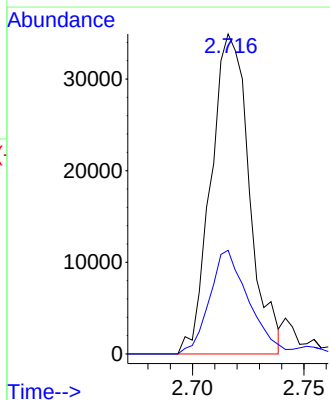
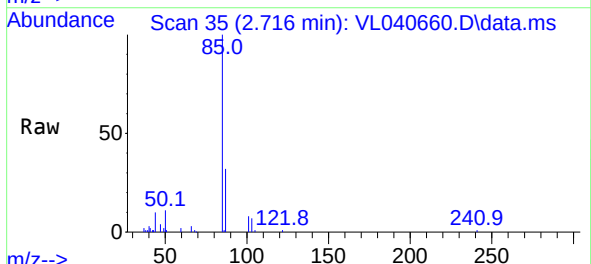
Manual Integrations
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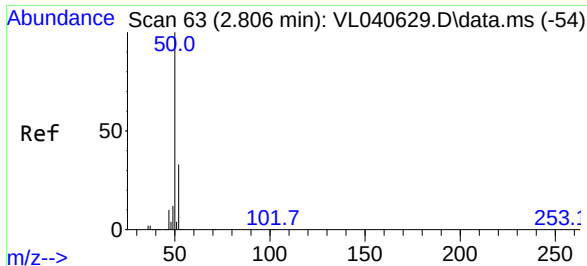
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#2
Dichlorodifluoromethane
Concen: 0.251 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.007 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

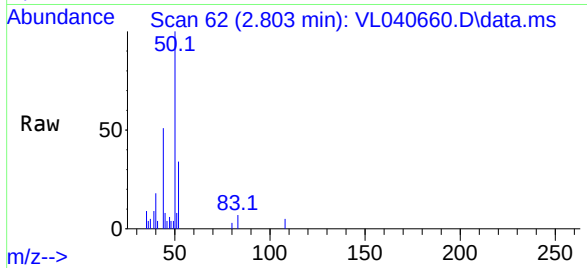
Tgt Ion: 85 Resp: 41672
Ion Ratio Lower Upper
85 100
87 32.4 27.5 41.3





#4
Chloromethane
Concen: 0.132 ppbv
RT: 2.803 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

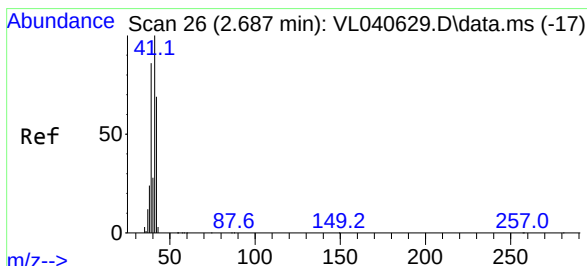
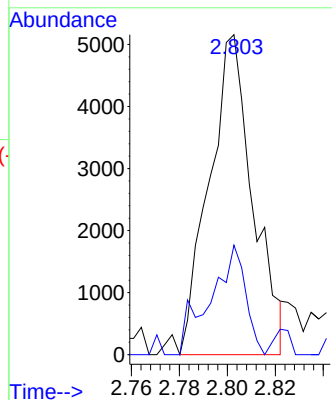
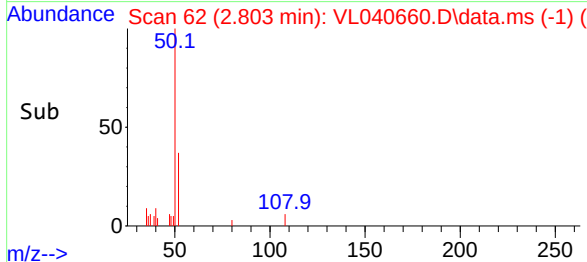
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



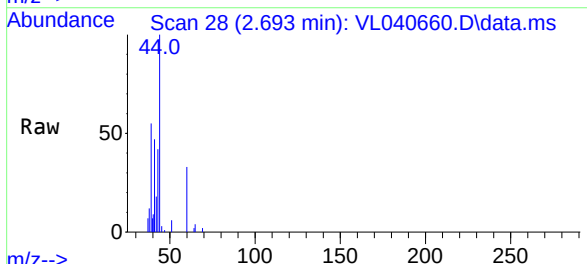
Tgt Ion: 50 Resp: 650
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.2

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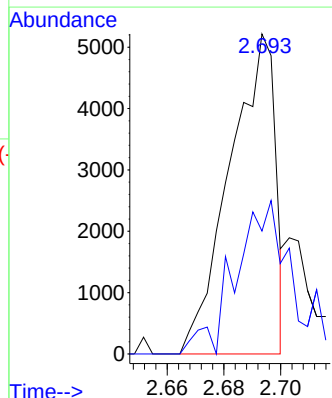
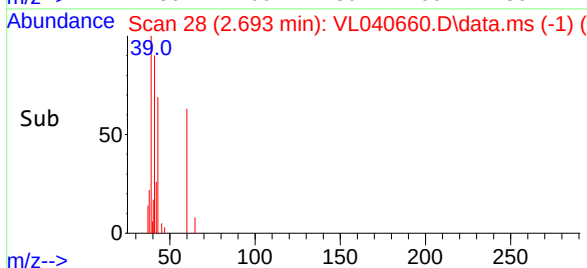
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

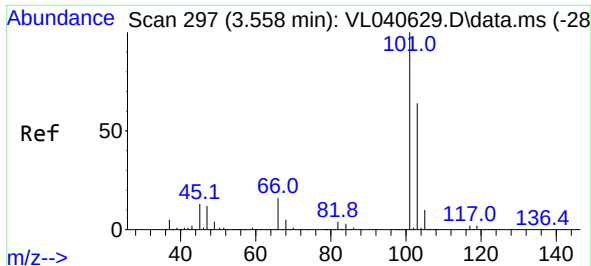


#9
Propene
Concen: 0.149 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.006 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47



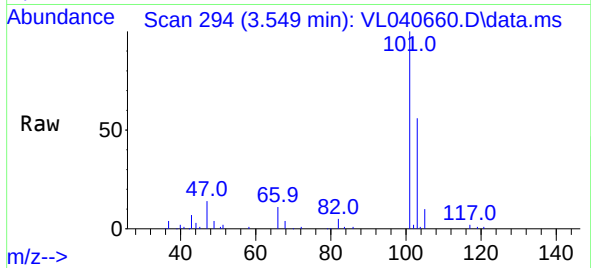
Tgt Ion: 41 Resp: 5835
Ion Ratio Lower Upper
41 100
42 58.6 56.5 84.7





#11
Trichlorofluoromethane
Concen: 0.673 ppbv
RT: 3.549 min Scan# 297
Delta R.T. -0.010 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

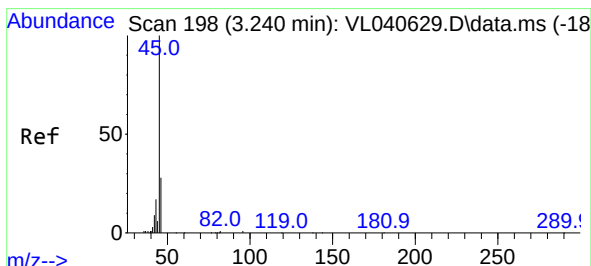
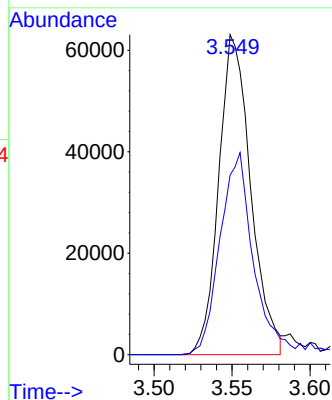
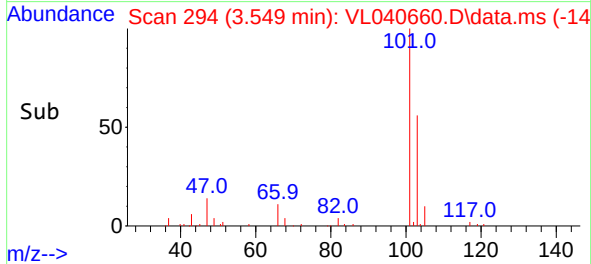
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



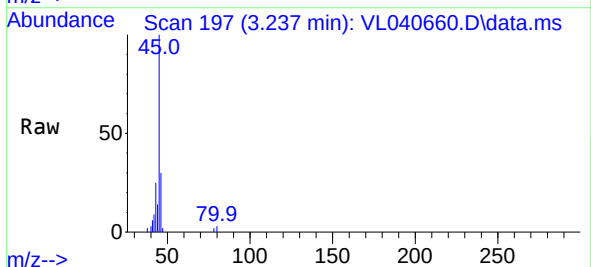
Tgt Ion:101 Resp: 90019
Ion Ratio Lower Upper
101 100
103 56.2 51.1 76.7

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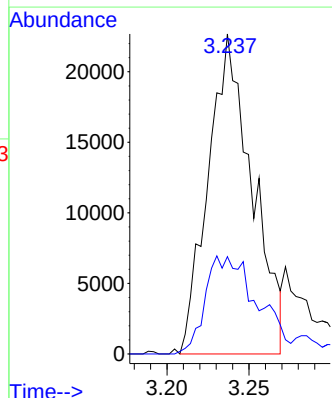
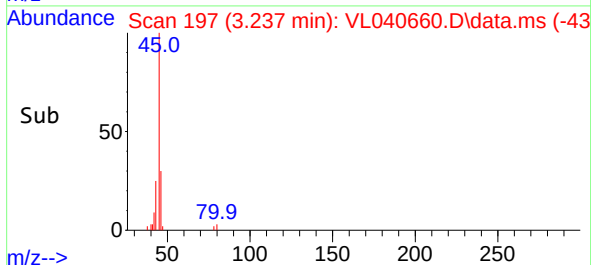
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023

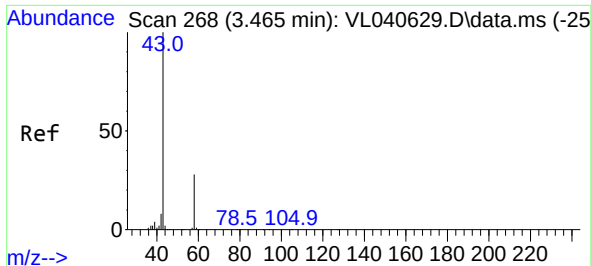


#13
Ethanol
Concen: 3.864 ppbv
RT: 3.237 min Scan# 197
Delta R.T. -0.003 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47



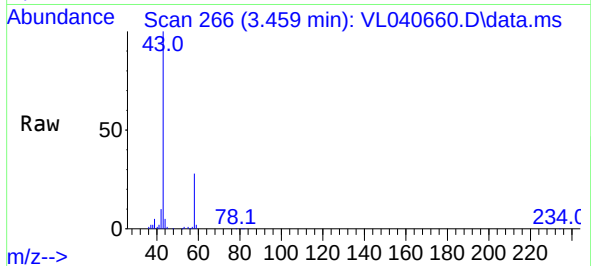
Tgt Ion: 45 Resp: 42225
Ion Ratio Lower Upper
45 100
46 41.7 14.2 56.6





#15
Acetone
Concen: 1.823 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

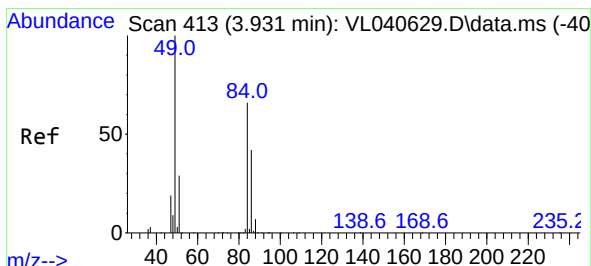
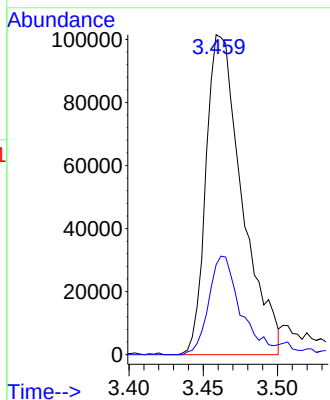
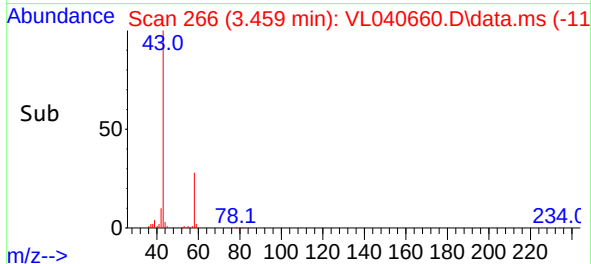
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 43 Resp: 171600
Ion Ratio Lower Upper
43 100
58 30.6 22.4 33.6

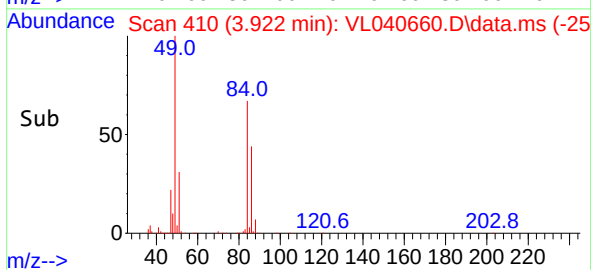
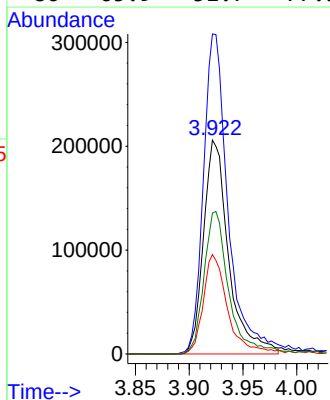
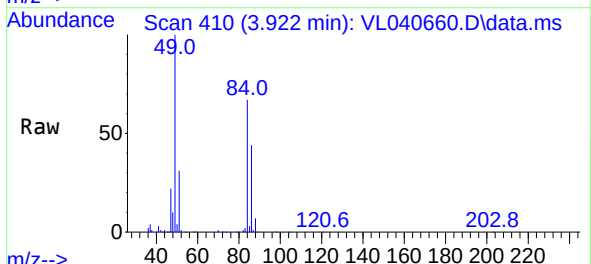
Manual Integrations
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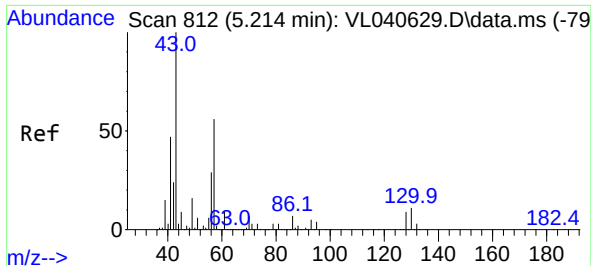
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#20
Methylene Chloride
Concen: 7.290 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.010 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

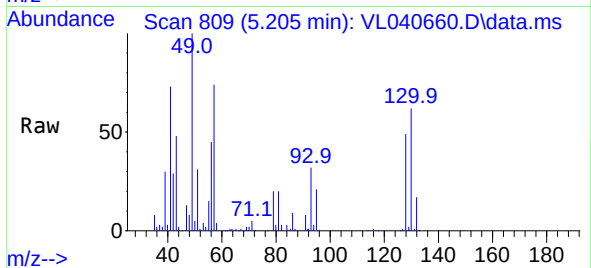
Tgt Ion: 84 Resp: 335350
Ion Ratio Lower Upper
84 100
49 149.4 122.1 183.1
51 46.2 35.4 53.2
86 65.9 51.7 77.5





#26
Hexane
Concen: 1.855 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

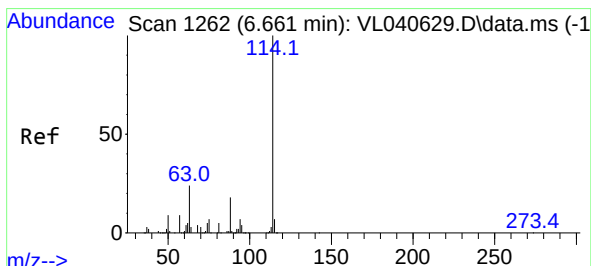
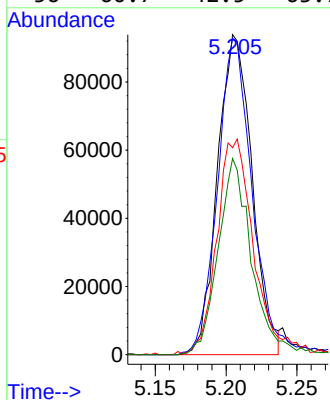
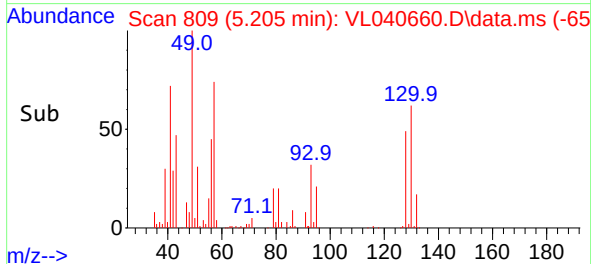
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 57 Resp: 158690
Ion Ratio Lower Upper
57 100
41 102.3 69.3 103.9
43 73.4 177.9 266.9
56 60.7 42.5 63.7

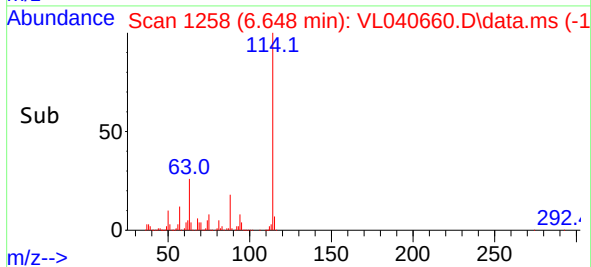
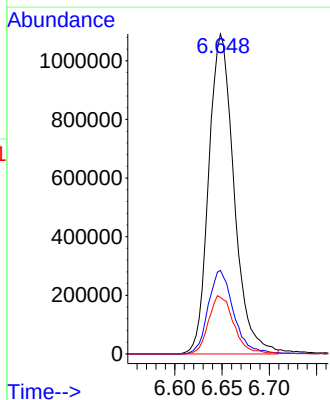
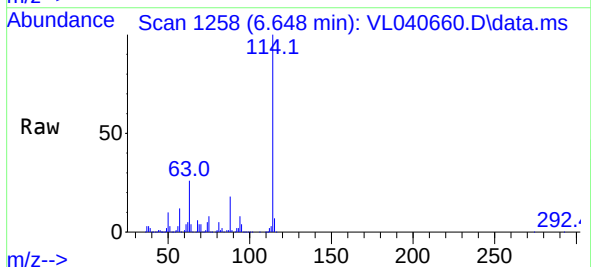
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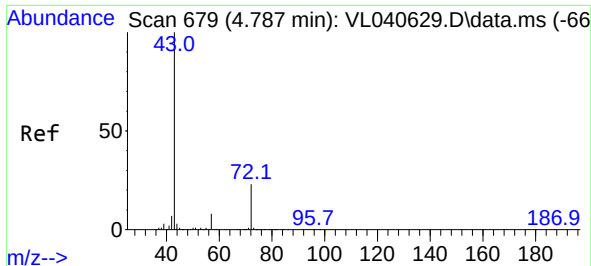
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

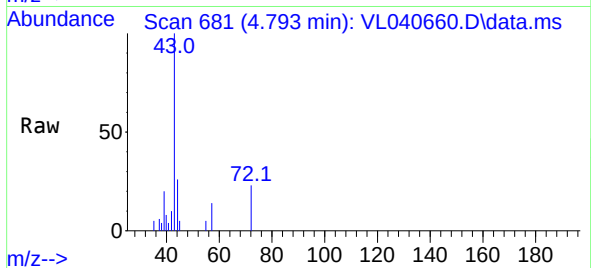
Tgt Ion:114 Resp: 2032994
Ion Ratio Lower Upper
114 100
63 26.5 20.2 30.2
88 18.4 14.1 21.1





#34
2-Butanone
Concen: 0.099 ppbv m
RT: 4.793 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

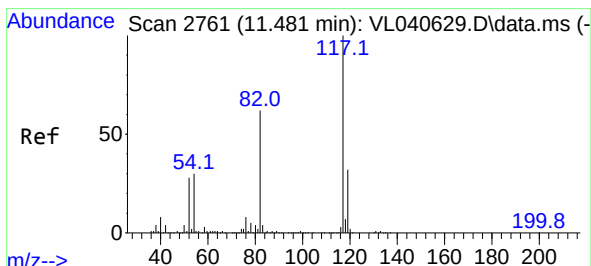
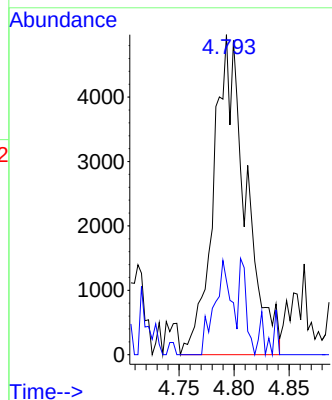
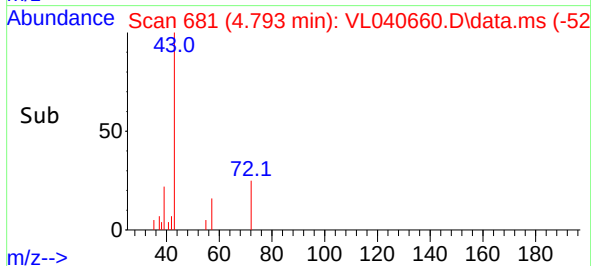
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 43 Resp: 10162
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8

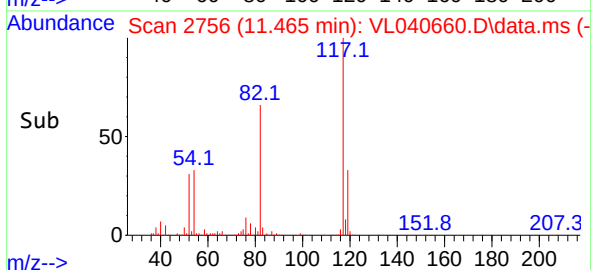
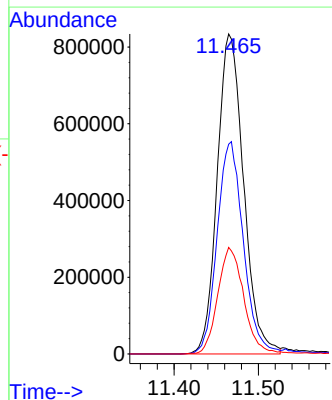
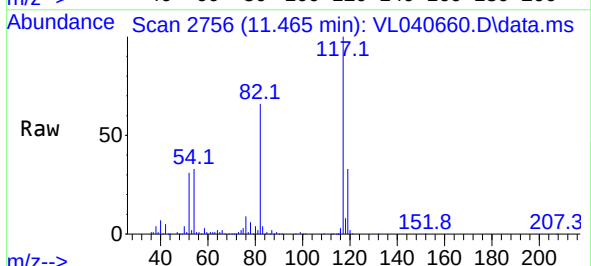
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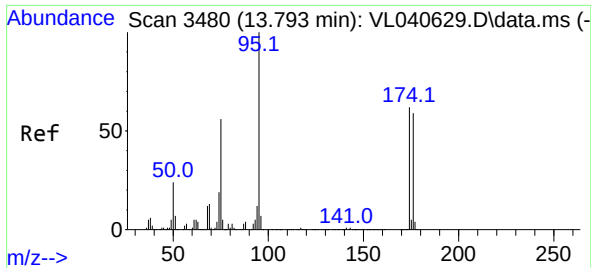
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.016 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

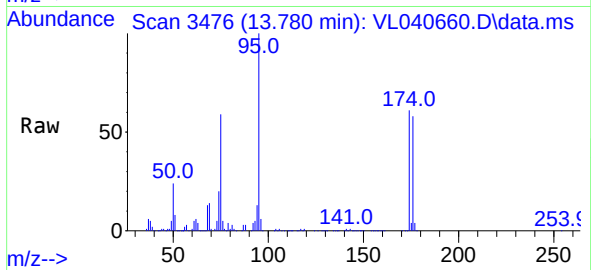
Tgt Ion:117 Resp: 1812983
Ion Ratio Lower Upper
117 100
82 67.1 49.5 74.3
119 33.2 24.5 36.7





#68
1-Bromo-4-Fluorobenzene
Concen: 10.066 ppbv
RT: 13.780 min Scan# 34
Delta R.T. -0.013 min
Lab File: VL040660.D
Acq: 5 Sep 2023 23:47

Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 95 Resp: 145133
Ion Ratio Lower Upper
95 100
174 63.2 49.1 73.7
175 4.5 3.7 5.5

Manual Integrations
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