

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040658.D
 Acq On : 5 Sep 2023 22:25
 Operator : SY/MD
 Sample : 04281-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 02:08:20 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	802448	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2125173	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	1869758	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1517253	10.203	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
2) Dichlorodifluoromethane	2.716	85	69031	0.399	ppbv	91
4) Chloromethane	2.803	50	6385	0.124	ppbv	96
11) Trichlorofluoromethane	3.549	101	188268	1.349	ppbv	96
13) Ethanol	3.234	45	40095	3.519	ppbv	92
15) Acetone	3.462	43	222338	2.265	ppbv	99
19) Isopropyl Alcohol	3.578	45	68775	1.105	ppbv #	86
20) Methylene Chloride	3.925	84	425232	8.866	ppbv	94
26) Hexane	5.205	57	223337	2.504	ppbv #	39
34) 2-Butanone	4.790	43	12805m	0.119	ppbv	

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

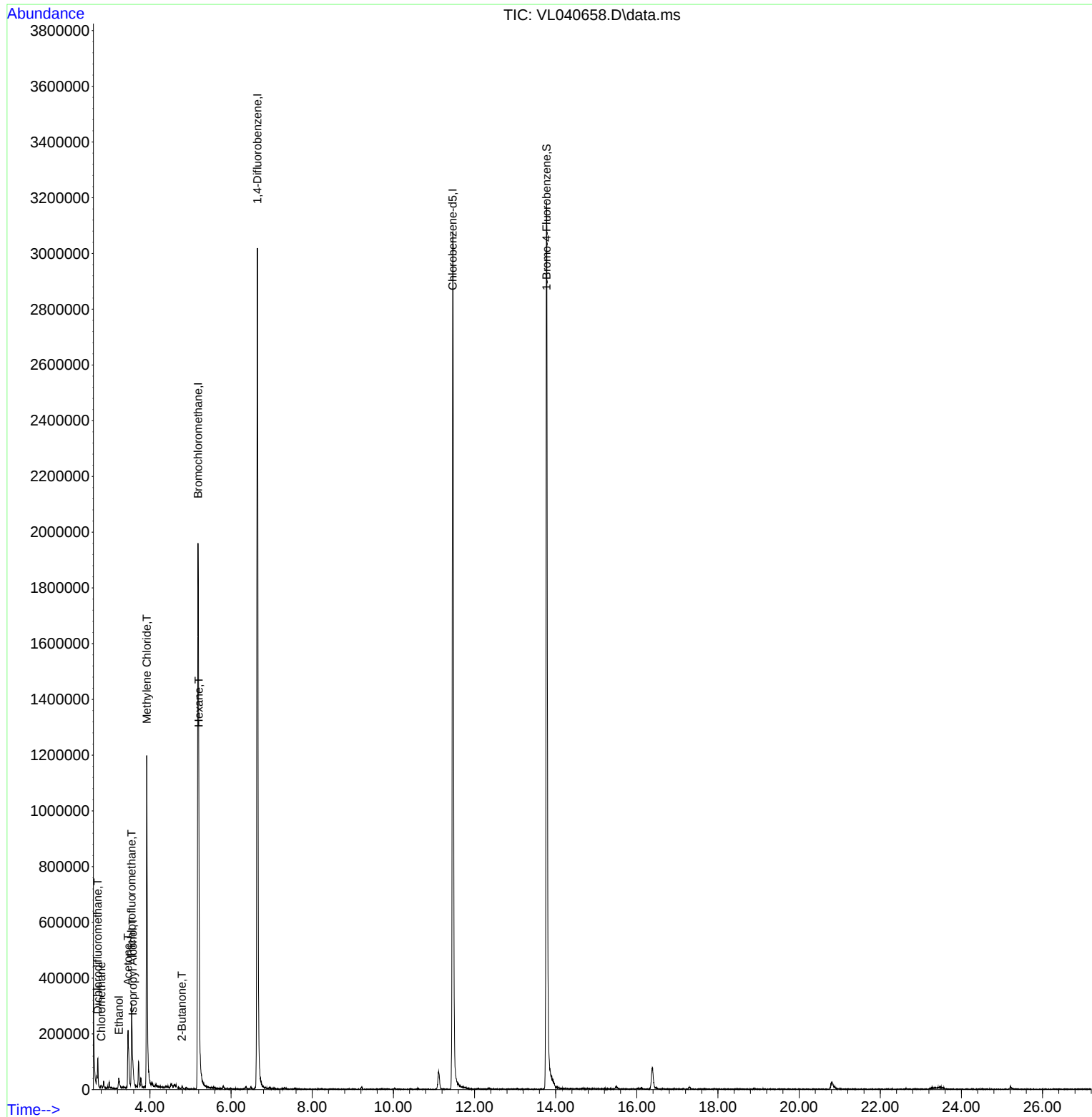
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
Data File : VL040658.D
Acq On : 5 Sep 2023 22:25
Operator : SY/MD
Sample : 04281-03DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

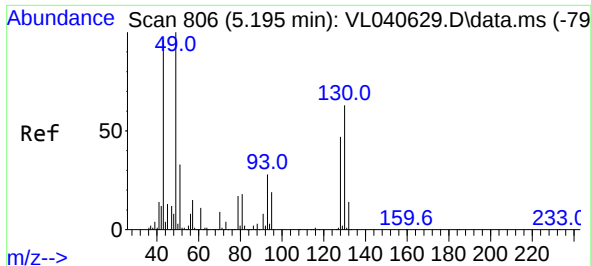
Instrument :
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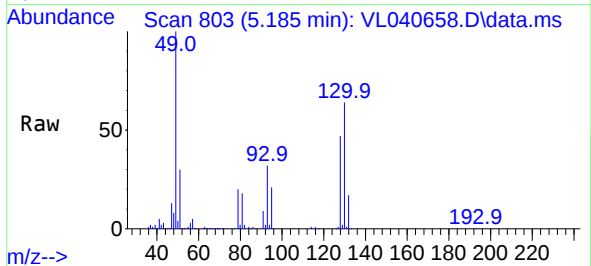
Quant Time: Sep 06 02:08:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

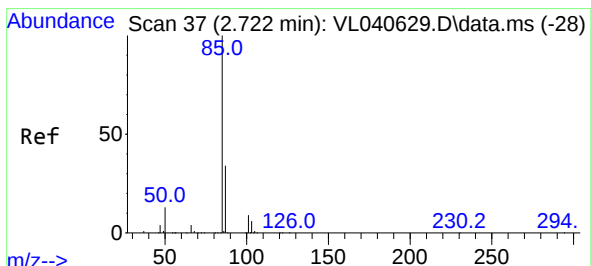
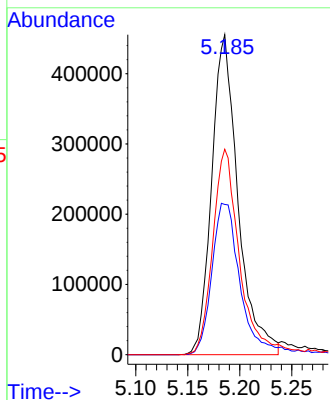
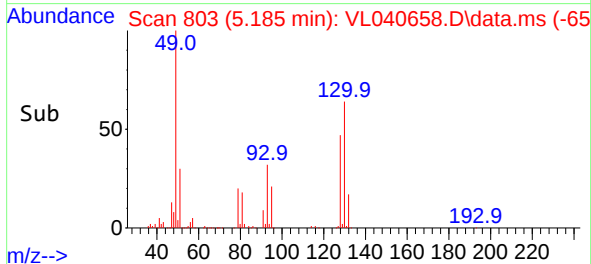
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 802448
Ion Ratio Lower Upper
49 100
128 52.8 24.9 74.7
130 67.4 32.2 96.6

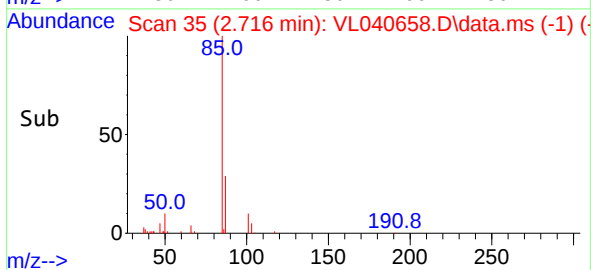
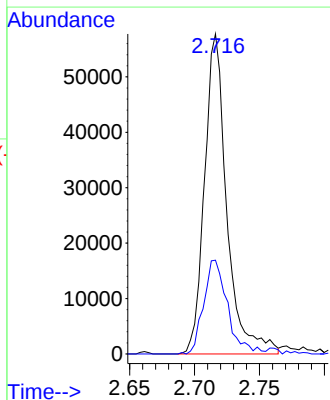
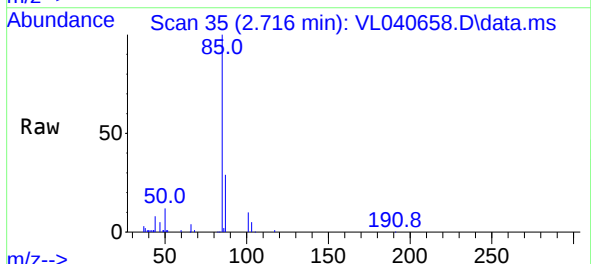
Manual Integrations
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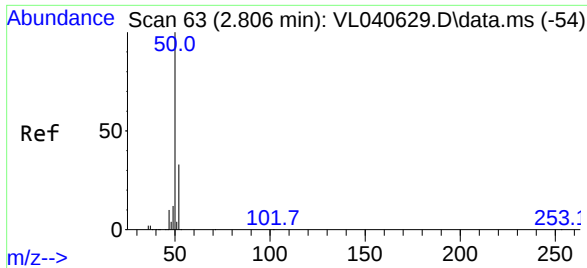
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#2
Dichlorodifluoromethane
Concen: 0.399 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.006 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

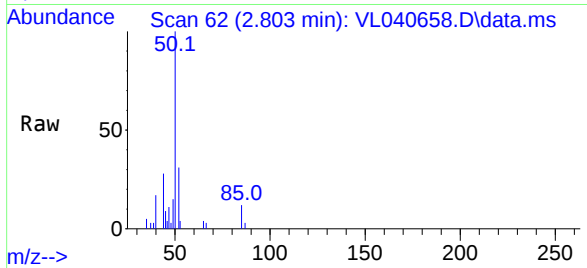
Tgt Ion: 85 Resp: 69031
Ion Ratio Lower Upper
85 100
87 29.3 27.5 41.3





#4
Chloromethane
Concen: 0.124 ppbv
RT: 2.803 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

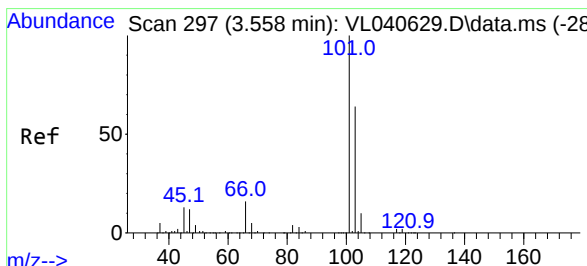
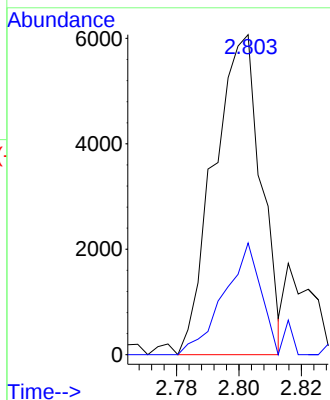
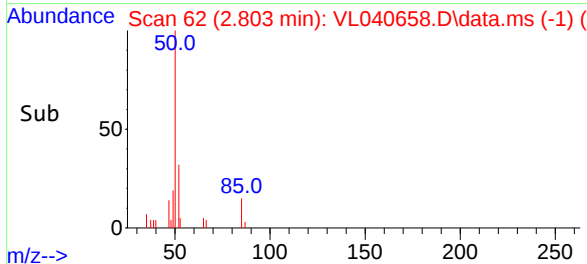
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 50 Resp: 6385
Ion Ratio Lower Upper
50 100
52 34.9 26.2 39.2

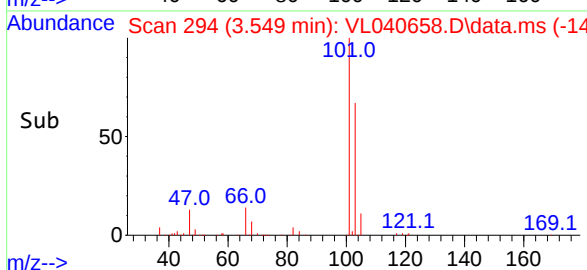
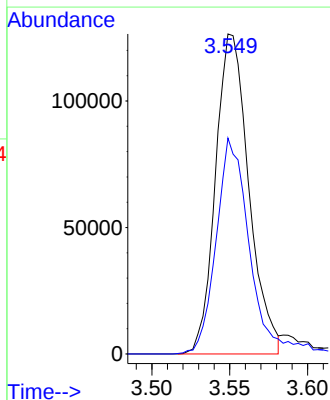
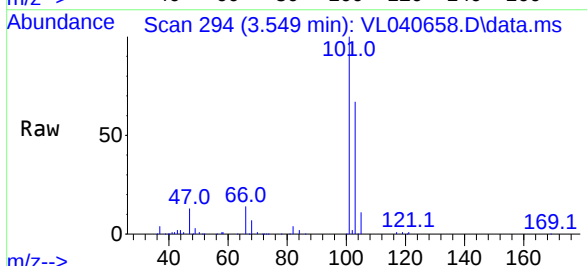
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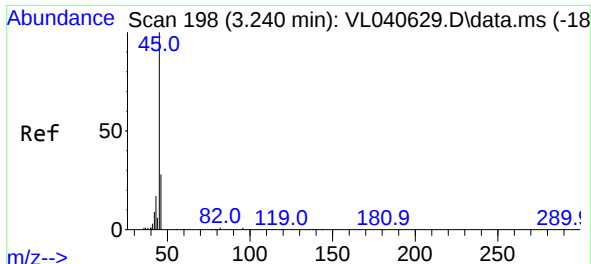
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#11
Trichlorofluoromethane
Concen: 1.349 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.010 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

Tgt Ion:101 Resp: 188268
Ion Ratio Lower Upper
101 100
103 67.3 51.1 76.7





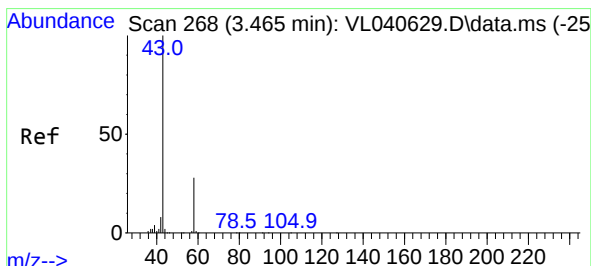
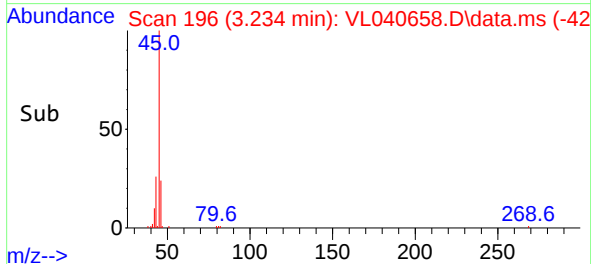
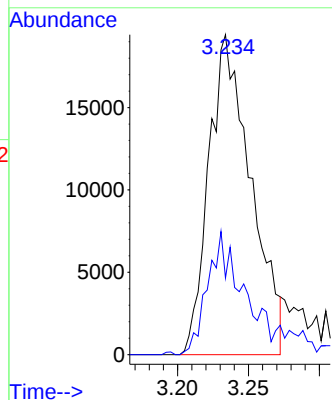
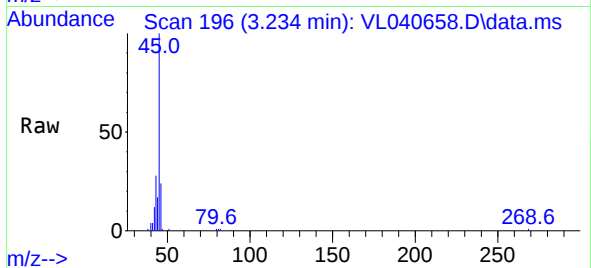
#13
Ethanol
Concen: 3.519 ppbv
RT: 3.234 min Scan# 198
Delta R.T. -0.006 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 45 Resp: 4009
Ion Ratio Lower Upper
45 100
46 40.2 14.2 56.6

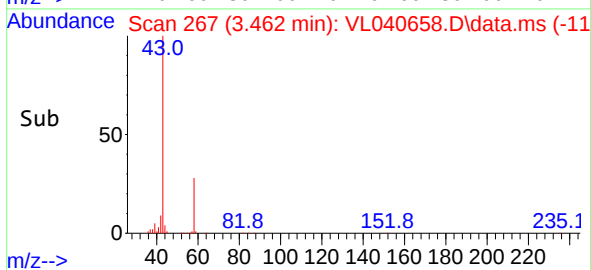
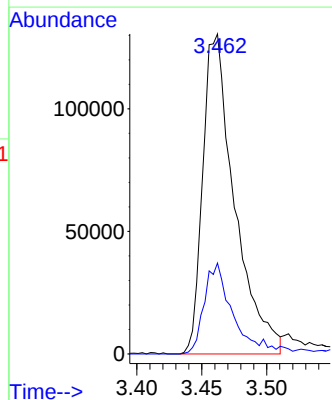
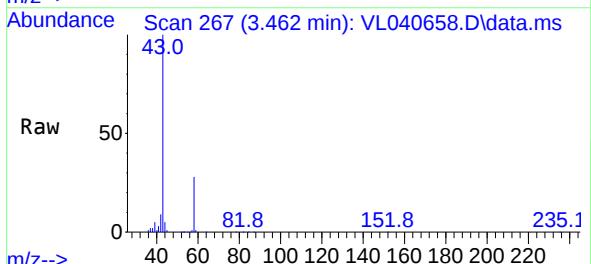
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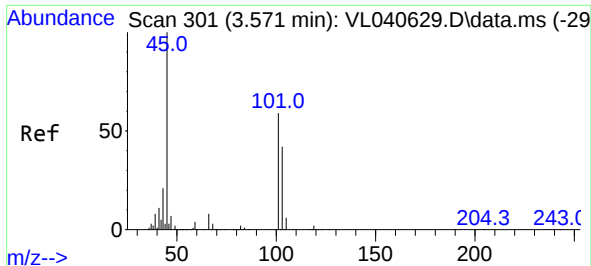
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#15
Acetone
Concen: 2.265 ppbv
RT: 3.462 min Scan# 267
Delta R.T. -0.003 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

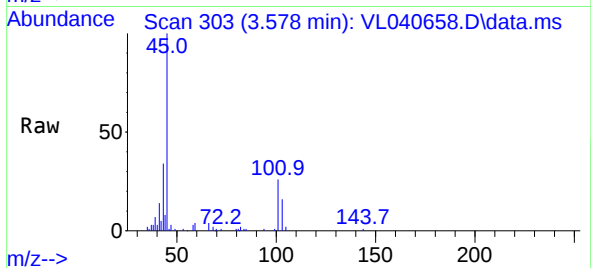
Tgt Ion: 43 Resp: 222338
Ion Ratio Lower Upper
43 100
58 27.5 22.4 33.6





#19
Isopropyl Alcohol
Concen: 1.105 ppbv
RT: 3.578 min Scan# 301
Delta R.T. 0.006 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

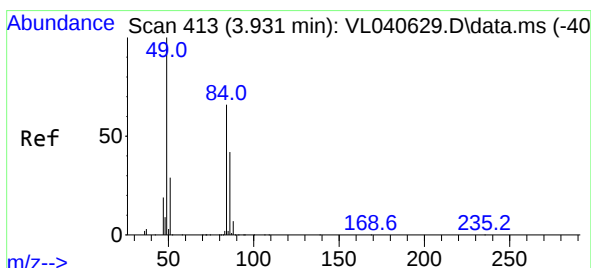
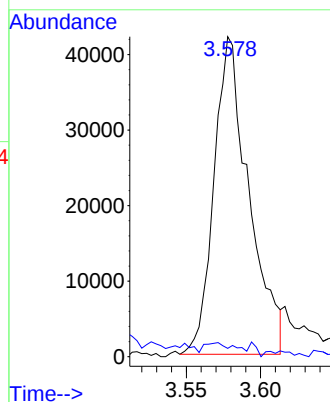
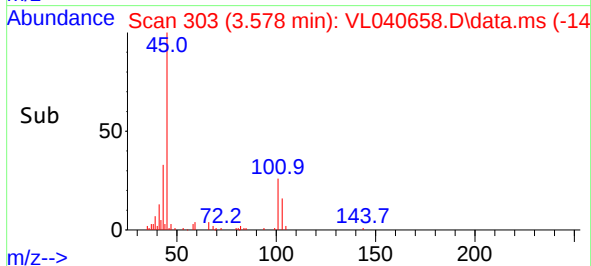
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



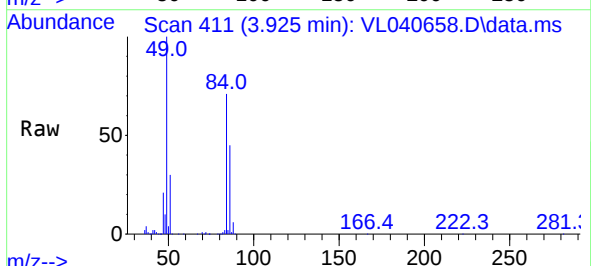
Tgt Ion: 45 Resp: 68775
Ion Ratio Lower Upper
45 100
58 7.1 1.9 2.9

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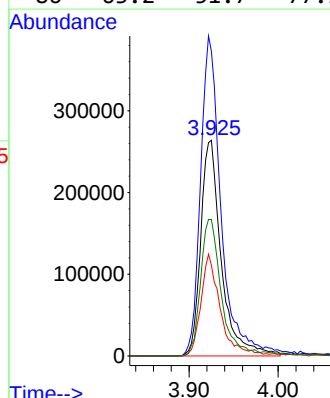
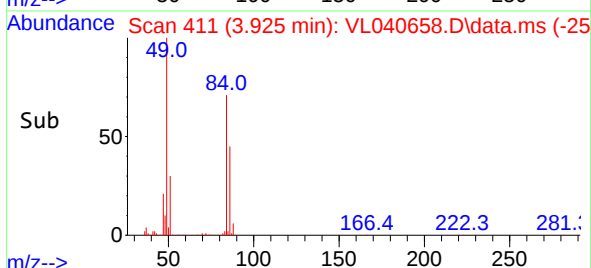
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Supervised By :Mahesh Dadoda 09/06/2023

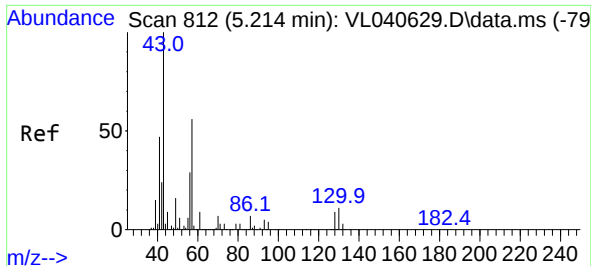


#20
Methylene Chloride
Concen: 8.866 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25



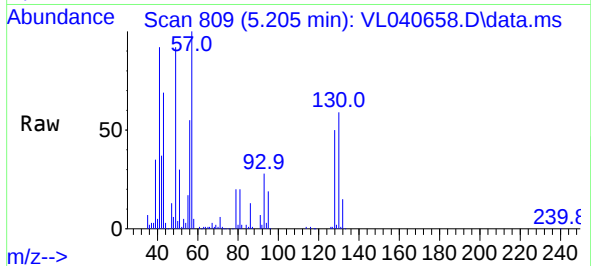
Tgt Ion: 84 Resp: 425232
Ion Ratio Lower Upper
84 100
49 141.1 122.1 183.1
51 42.0 35.4 53.2
86 63.2 51.7 77.5





#26
Hexane
Concen: 2.504 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

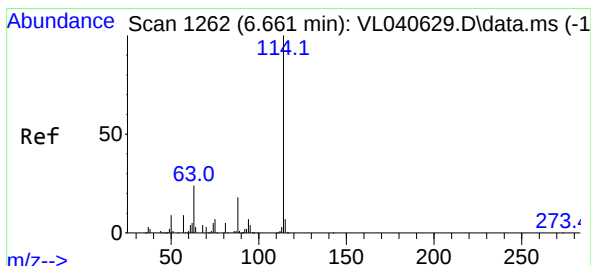
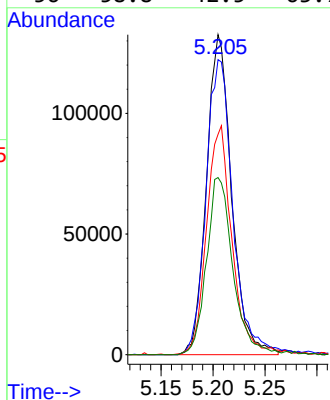
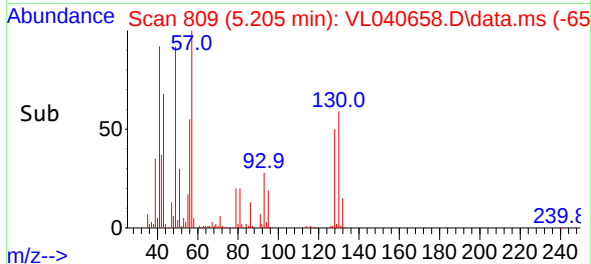
Instrument :
MSVOA_L
Client Sample Id :
IA1DL



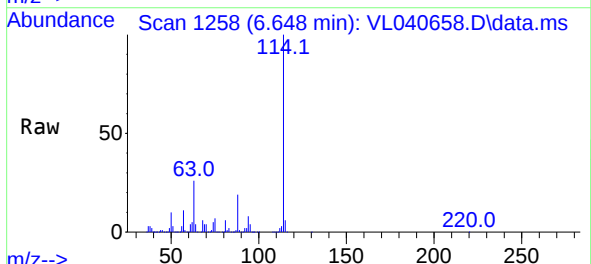
Tgt Ion: 57 Resp: 22333
Ion Ratio Lower Upper
57 100
41 100.1 69.3 103.9
43 72.9 177.9 266.9
56 58.8 42.5 63.7

Manual Integrations
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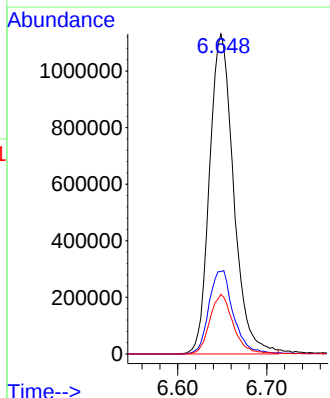
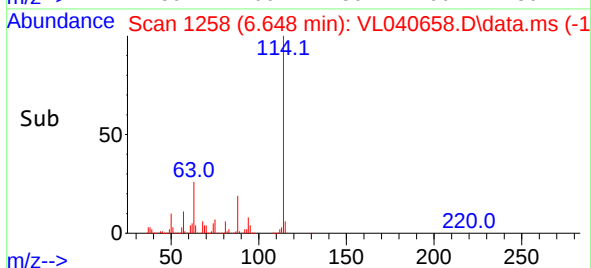
Reviewed By :Semsettin Yesilyurt 09/06/2023
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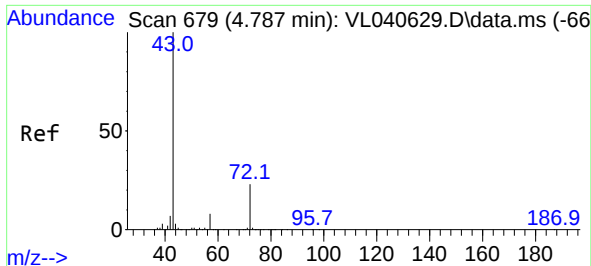


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.013 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25



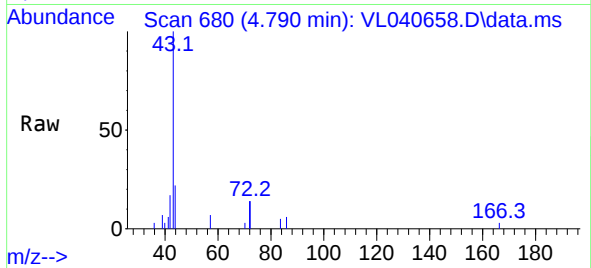
Tgt Ion:114 Resp: 2125173
Ion Ratio Lower Upper
114 100
63 26.7 20.2 30.2
88 18.3 14.1 21.1





#34
2-Butanone
Concen: 0.119 ppbv m
RT: 4.790 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

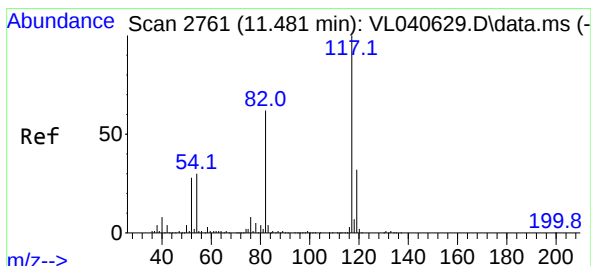
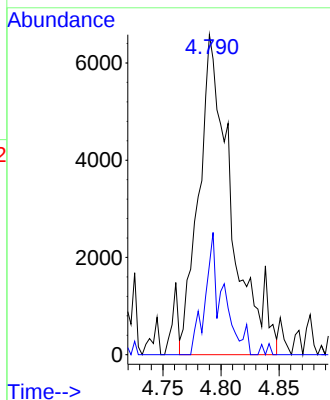
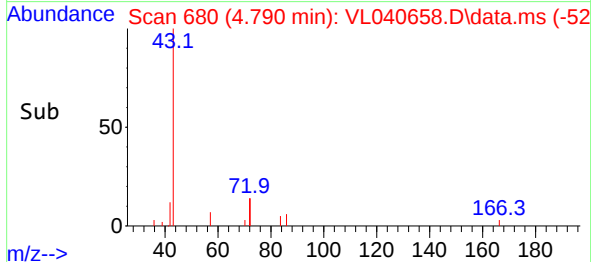
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
72 21.6 19.2 28.8

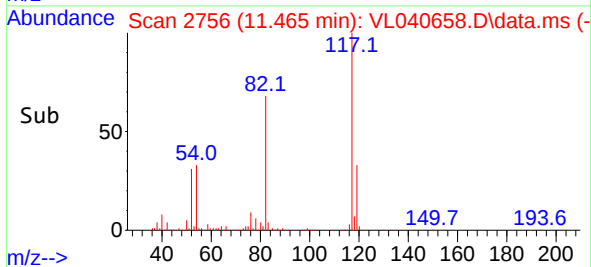
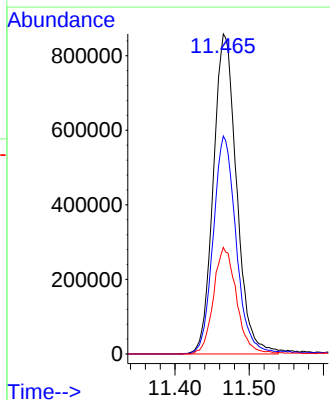
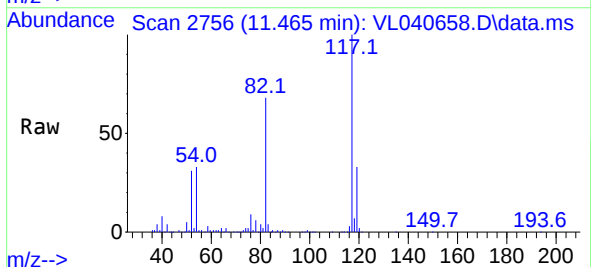
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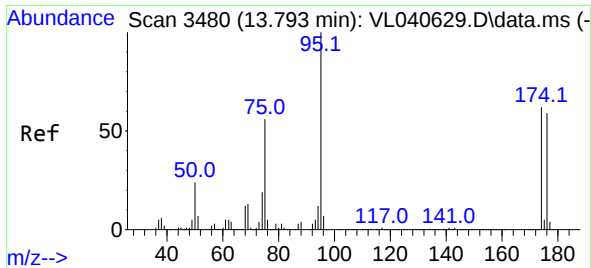
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/06/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.016 min
Lab File: VL040658.D
Acq: 5 Sep 2023 22:25

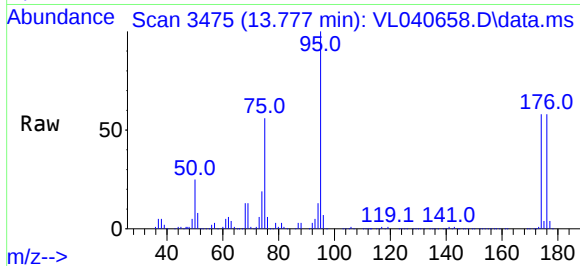
Tgt Ion:117 Resp: 1869758
Ion Ratio Lower Upper
117 100
82 68.1 49.5 74.3
119 33.4 24.5 36.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.203 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. -0.016 min
 Lab File: VL040658.D
 Acq: 5 Sep 2023 22:25

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion: 95 Resp: 151725
 Ion Ratio Lower Upper
 95 100
 174 62.2 49.1 73.7
 175 4.3 3.7 5.5

Manual Integrations
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