

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
 Data File : VL040253.D
 Acq On : 8 Mar 2023 14:19
 Operator : SY/MD
 Sample : 01836-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-IADL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 04:12:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	921468	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2255323	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	1956413	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1561468	9.706	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.716	85	20546	0.120	ppbv	91
3) Chlorodifluoromethane	2.664	51	44753	0.407	ppbv	97
4) Chloromethane	2.803	50	7194	0.104	ppbv #	82
9) Propene	2.697	41	13727m	0.306	ppbv	
13) Ethanol	3.234	45	50356	12.190	ppbv	89
15) Acetone	3.452	43	2366348	21.330	ppbv	99
20) Methylene Chloride	3.922	84	419463	7.263	ppbv	95
26) Hexane	5.201	57	311412	3.517	ppbv #	37
52) Tetrachloroethene	10.606	164	13942m	0.254	ppbv	

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

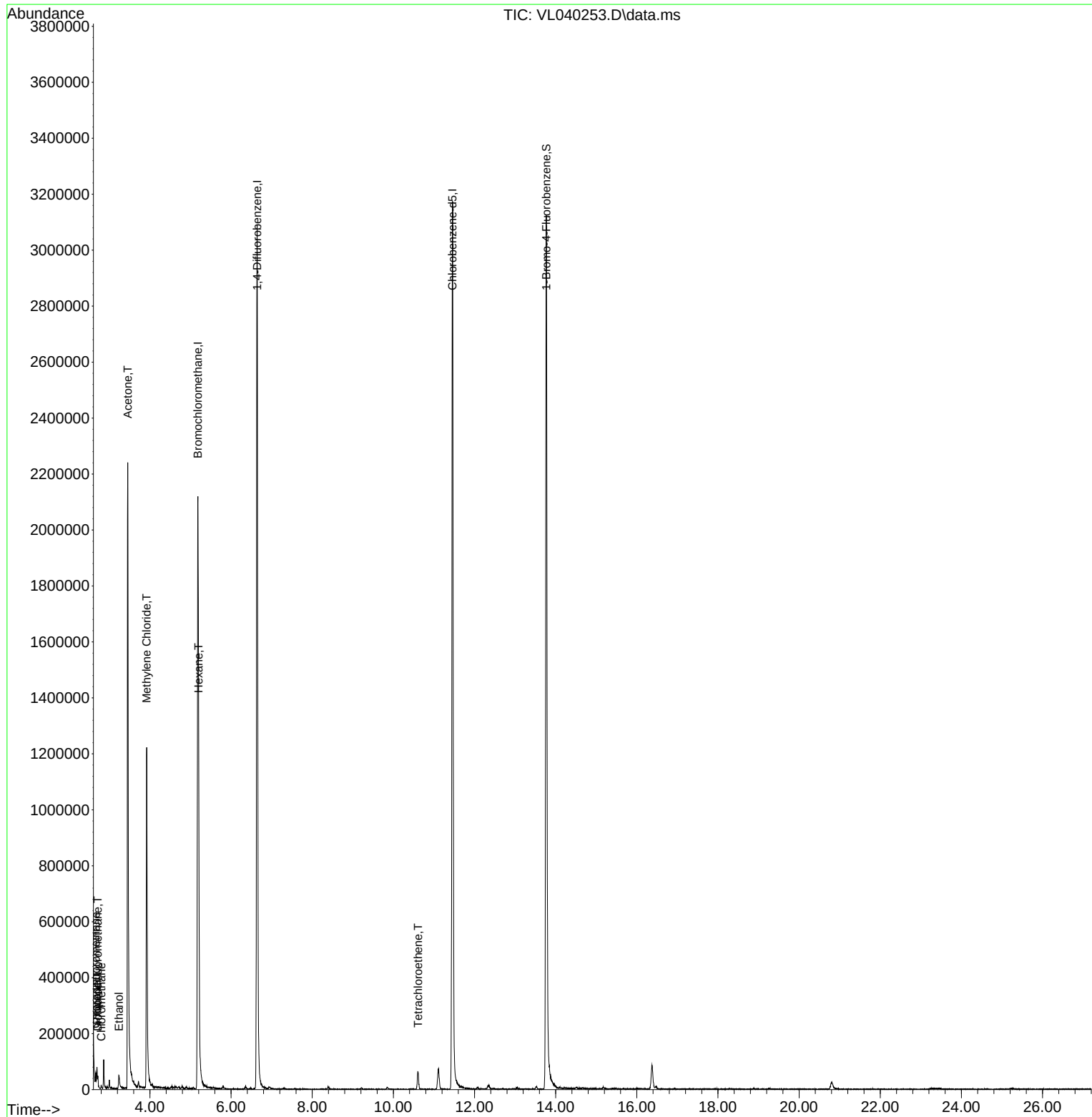
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030823\
Data File : VL040253.D
Acq On : 8 Mar 2023 14:19
Operator : SY/MD
Sample : 01836-02DL 4X
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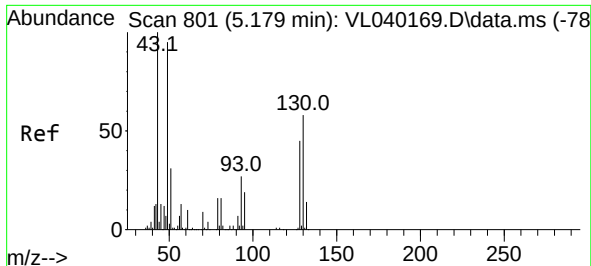
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL

Quant Time: Mar 09 04:12:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 01 04:21:39 2023
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023





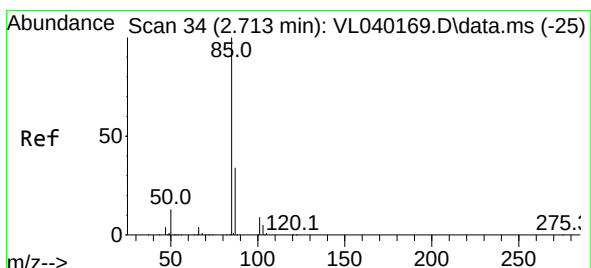
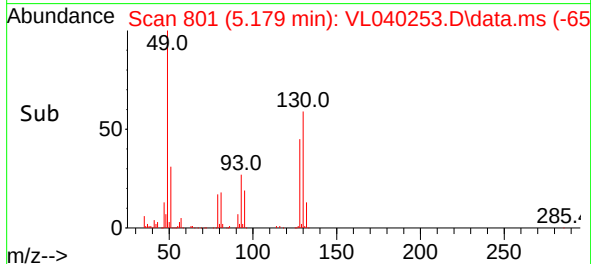
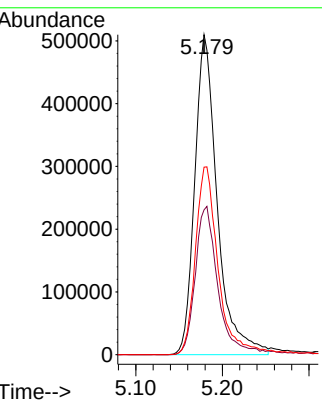
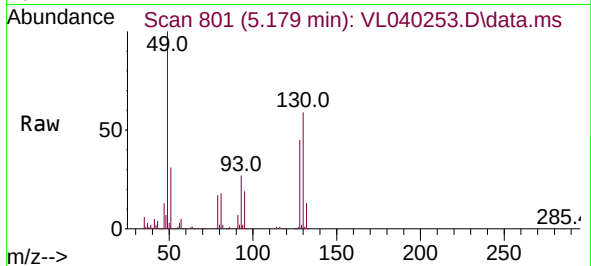
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.022 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL

Tgt Ion: 49 Resp: 921468
Ion Ratio Lower Upper
49 100
128 47.3 24.1 72.3
130 60.5 30.9 92.8

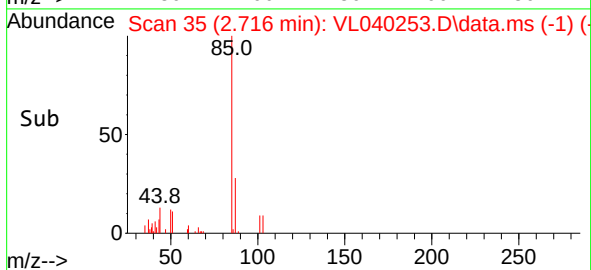
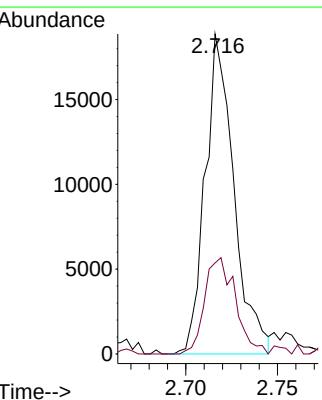
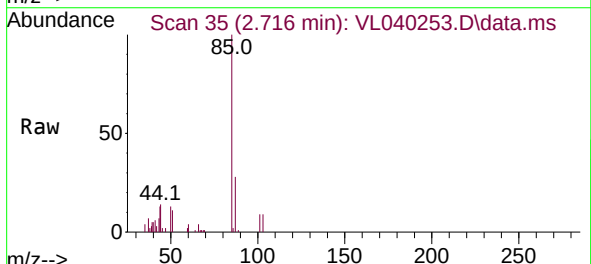
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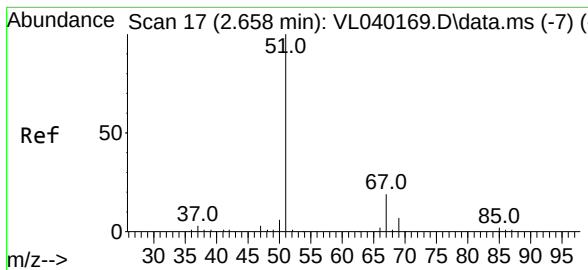
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#2
Dichlorodifluoromethane
Concen: 0.120 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.010 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

Tgt Ion: 85 Resp: 20546
Ion Ratio Lower Upper
85 100
87 28.4 27.0 40.6





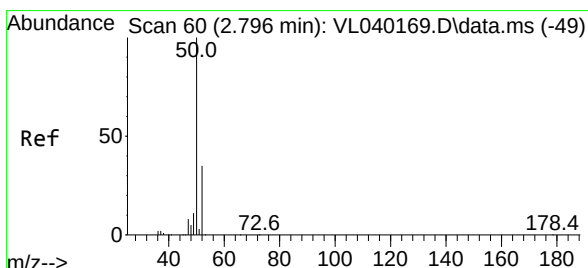
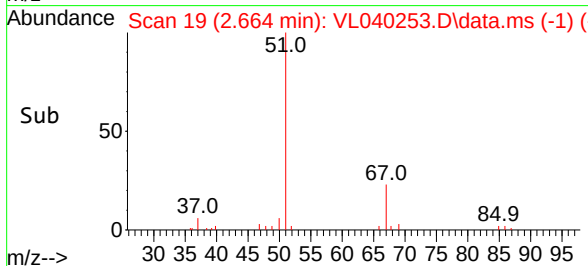
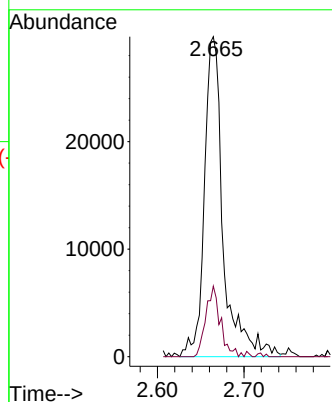
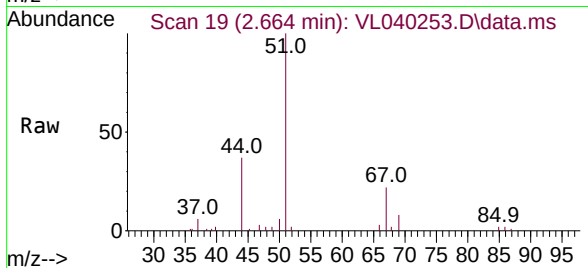
#3
Chlorodifluoromethane
Concen: 0.407 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL

Tgt Ion: 51 Resp: 4475
Ion Ratio Lower Upper
51 100
67 17.7 15.4 23.2

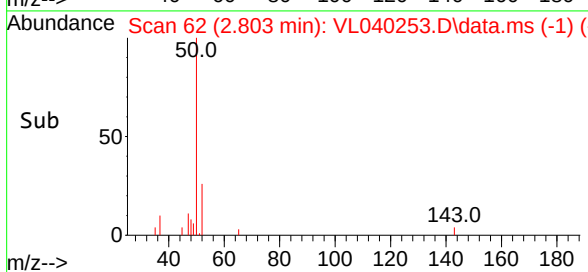
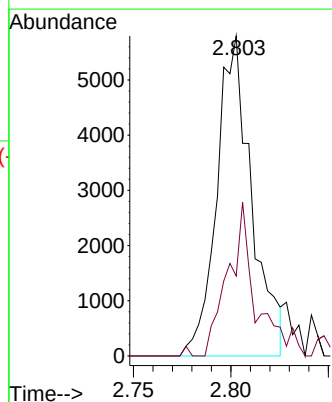
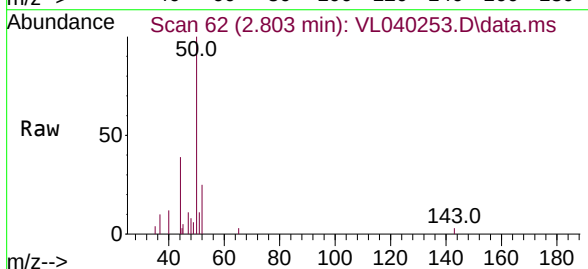
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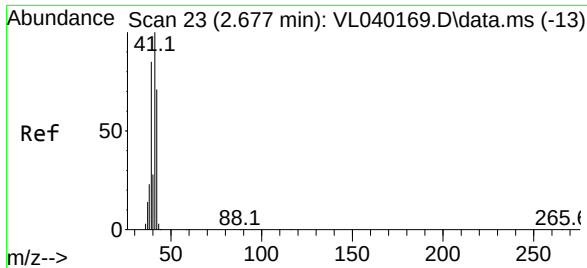
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#4
Chloromethane
Concen: 0.104 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.010 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

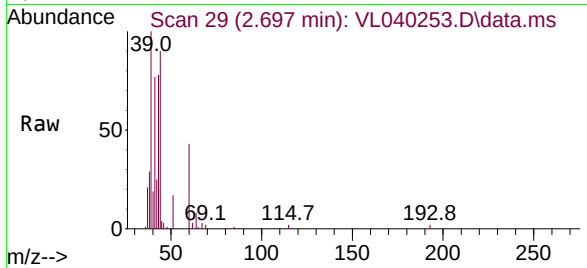
Tgt Ion: 50 Resp: 7194
Ion Ratio Lower Upper
50 100
52 25.0 28.3 42.5#





#9
 Propene
 Concen: 0.306 ppbv m
 RT: 2.697 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VL040253.D
 Acq: 8 Mar 2023 14:19

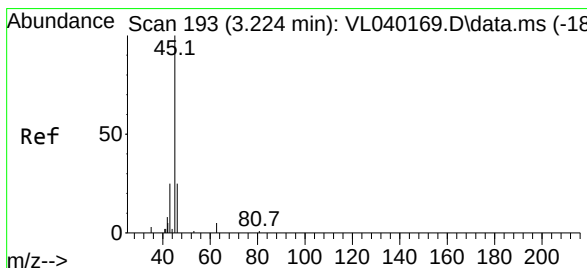
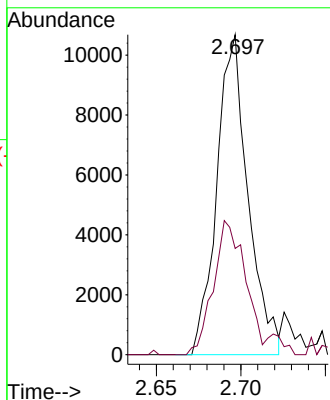
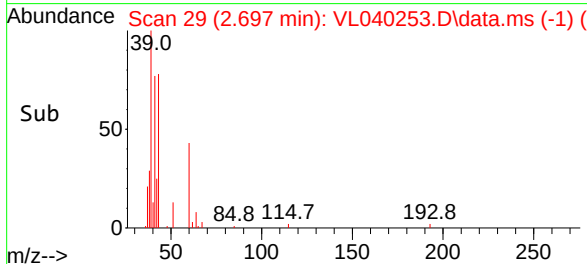
Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-IADL



Tgt Ion: 41 Resp: 1372
 Ion Ratio Lower Upper
 41 100
 42 127.7 56.9 85.3

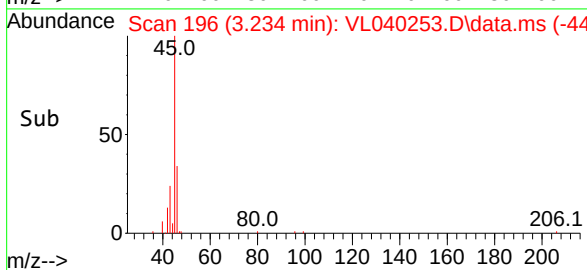
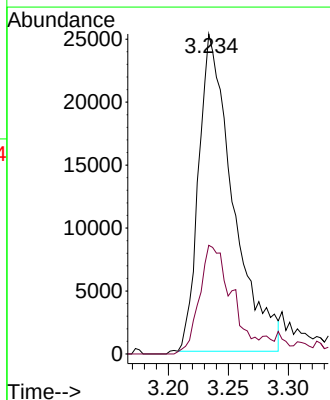
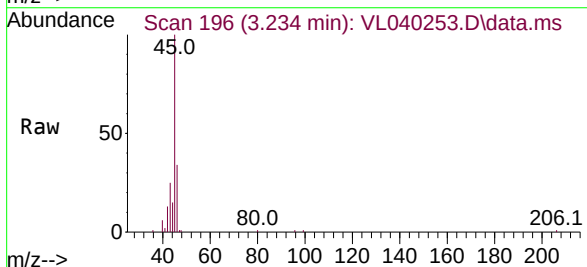
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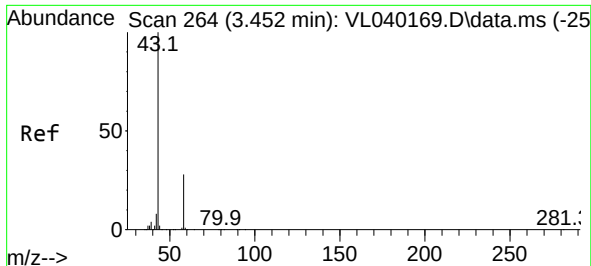
Reviewed By :Semsettin Yesilyurt 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#13
 Ethanol
 Concen: 12.190 ppbv
 RT: 3.234 min Scan# 196
 Delta R.T. -0.013 min
 Lab File: VL040253.D
 Acq: 8 Mar 2023 14:19

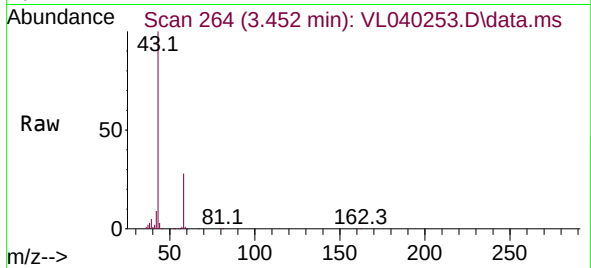
Tgt Ion: 45 Resp: 50356
 Ion Ratio Lower Upper
 45 100
 46 39.2 13.3 53.1





#15
Acetone
Concen: 21.330 ppbv
RT: 3.452 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

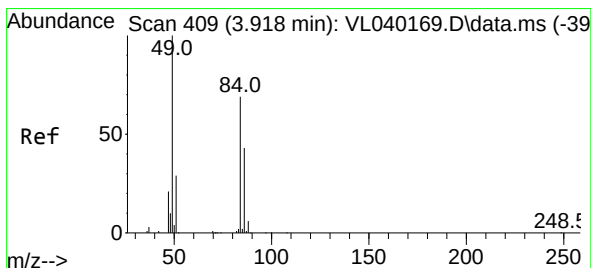
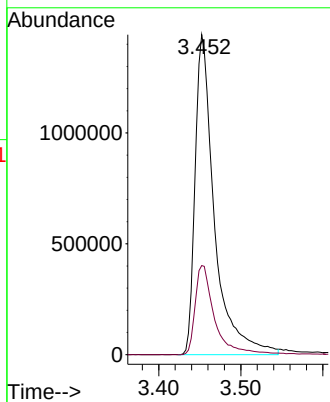
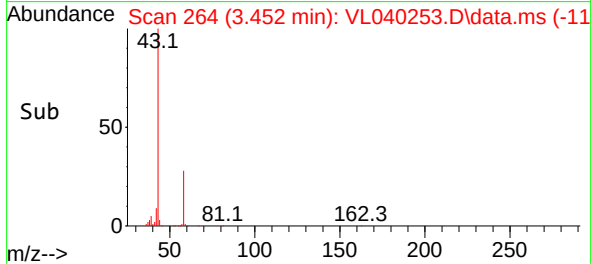
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL



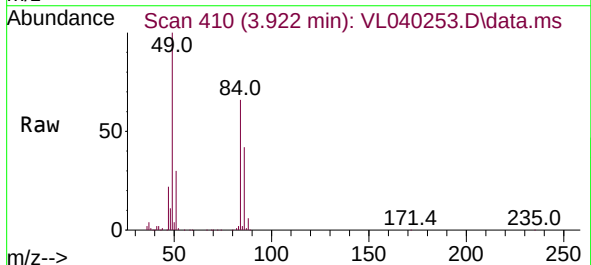
Tgt Ion: 43 Resp: 2366348
Ion Ratio Lower Upper
43 100
58 28.6 22.4 33.6

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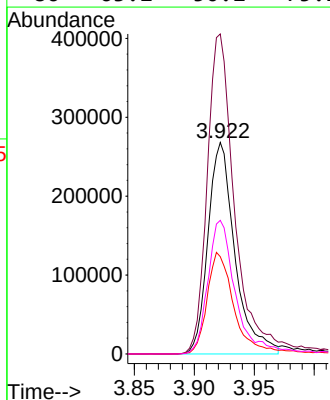
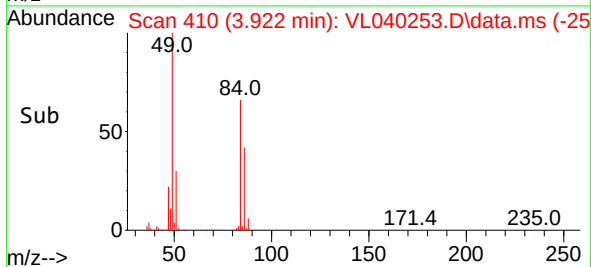
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

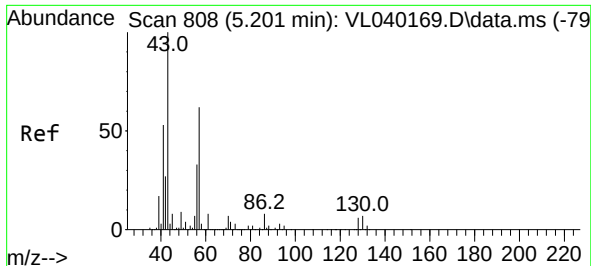


#20
Methylene Chloride
Concen: 7.263 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19



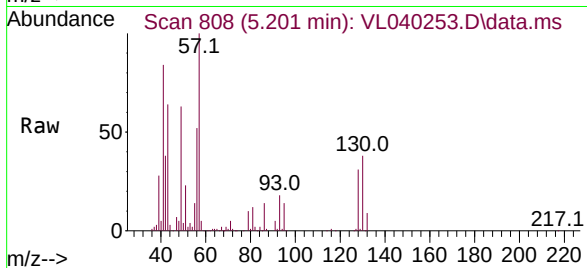
Tgt Ion: 84 Resp: 419463
Ion Ratio Lower Upper
84 100
49 151.3 115.5 173.3
51 45.9 33.1 49.7
86 63.2 50.2 75.2





#26
Hexane
Concen: 3.517 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.022 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

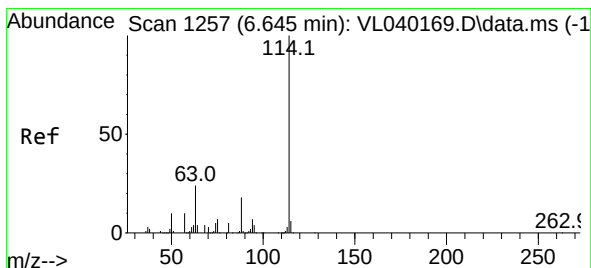
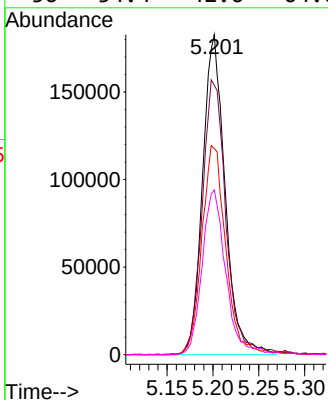
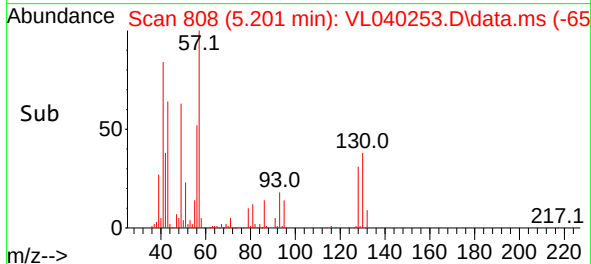
Instrument :
MSVOA_L
Client Sample Id :
LM-3723-IADL



Tgt Ion: 57 Resp: 311412
Ion Ratio Lower Upper
57 100
41 92.2 74.3 111.5
43 70.1 193.0 289.4
56 54.4 42.6 64.0

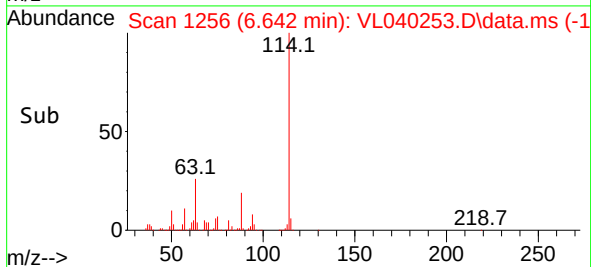
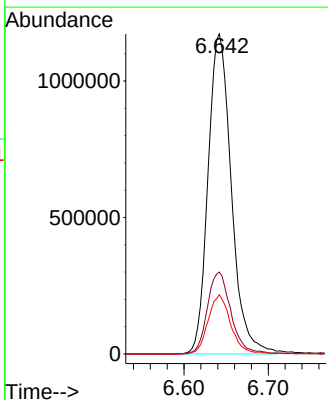
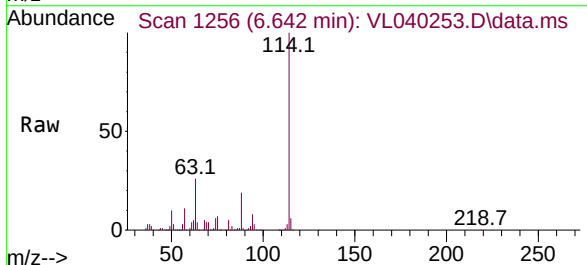
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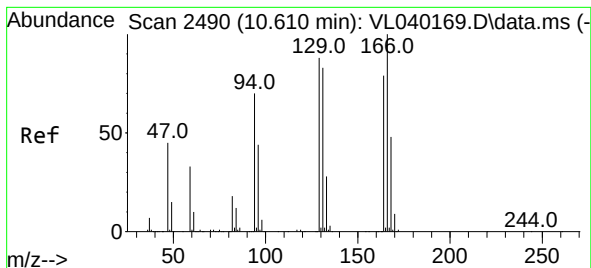
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.022 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

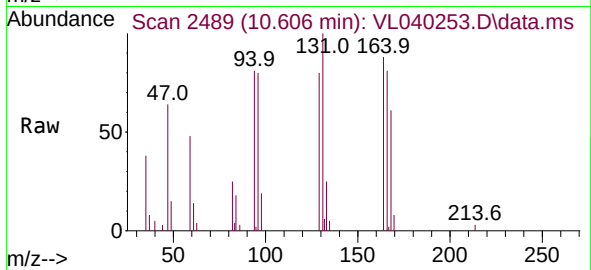
Tgt Ion:114 Resp: 2255323
Ion Ratio Lower Upper
114 100
63 26.1 20.4 30.6
88 18.1 14.3 21.5





#52
Tetrachloroethene
Concen: 0.254 ppbv m
RT: 10.606 min Scan# 2490
Delta R.T. -0.029 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

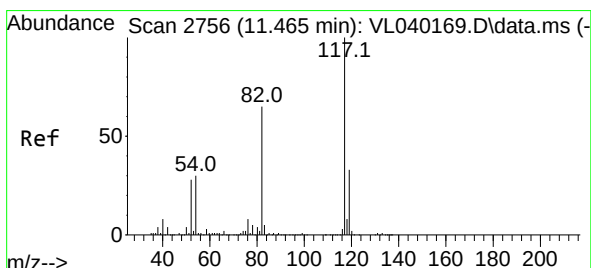
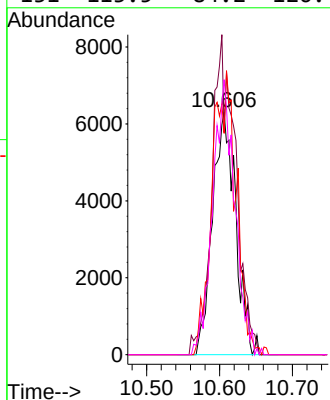
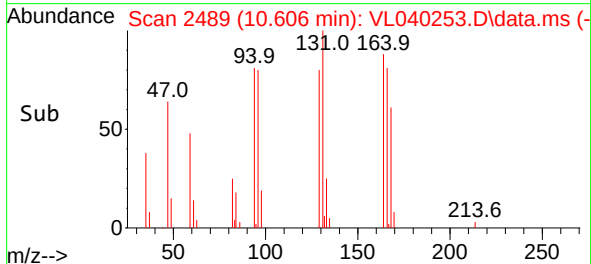
Instrument :
MSVOA_L
ClientSampleId :
LM-3723-IADL



Tgt Ion:164 Resp: 13942
Ion Ratio Lower Upper
164 100
166 91.9 101.5 152.3
129 91.3 89.0 133.4
131 113.5 84.2 126.4

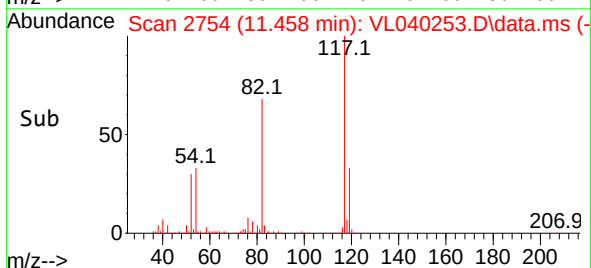
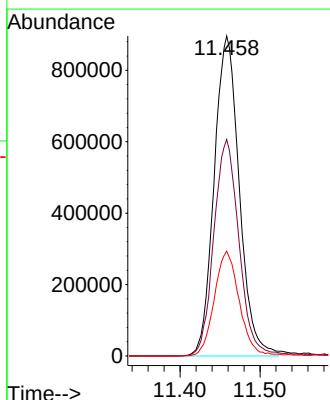
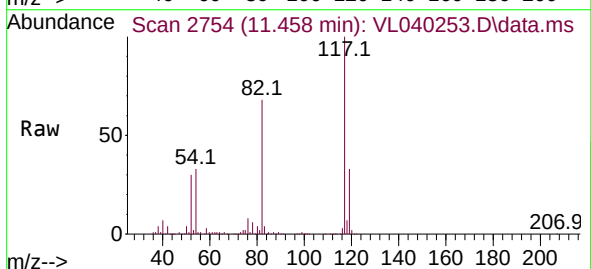
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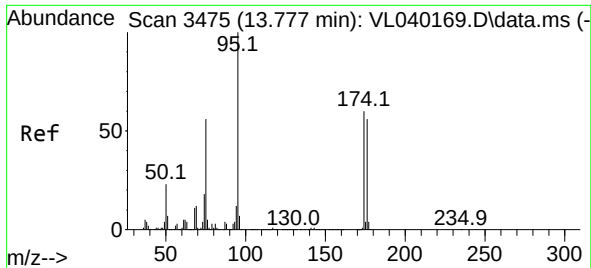
Reviewed By :Semsettin Yesilyurt 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.029 min
Lab File: VL040253.D
Acq: 8 Mar 2023 14:19

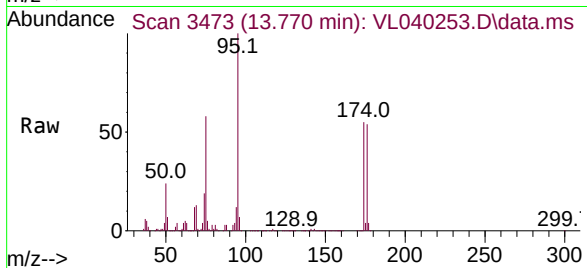
Tgt Ion:117 Resp: 1956413
Ion Ratio Lower Upper
117 100
82 68.9 53.3 79.9
119 32.7 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.706 ppbv
 RT: 13.770 min Scan# 34
 Delta R.T. -0.026 min
 Lab File: VL040253.D
 Acq: 8 Mar 2023 14:19

Instrument :
 MSVOA_L
 ClientSampleId :
 LM-3723-IADL



Tgt Ion: 95 Resp: 1561468
 Ion Ratio Lower Upper
 95 100
 174 58.1 48.2 72.2
 175 3.9 3.4 5.2

Manual Integrations
 APPROVED

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