

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040800.D
 Acq On : 25 Oct 2023 14:57
 Operator : SY/MD
 Sample : 05024-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 03:52:23 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	919034	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2459706	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2210439	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1721341	10.583	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.751	85	19160	0.118	ppbv #	88
4) Chloromethane	2.832	50	6510	0.122	ppbv #	80
9) Propene	2.723	41	9848	0.196	ppbv	87
11) Trichlorofluoromethane	3.571	101	8144	0.065	ppbv #	77
13) Ethanol	3.256	45	101691m	8.980	ppbv	
15) Acetone	3.485	43	156484	1.647	ppbv	97
19) Isopropyl Alcohol	3.600	45	79284	1.296	ppbv #	43
20) Methylene Chloride	3.941	84	409020	10.335	ppbv	95
26) Hexane	5.211	57	184542	1.940	ppbv #	43
52) Tetrachloroethene	10.613	164	3510m	0.046	ppbv	
53) Toluene	9.211	91	15179	0.067	ppbv	91

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

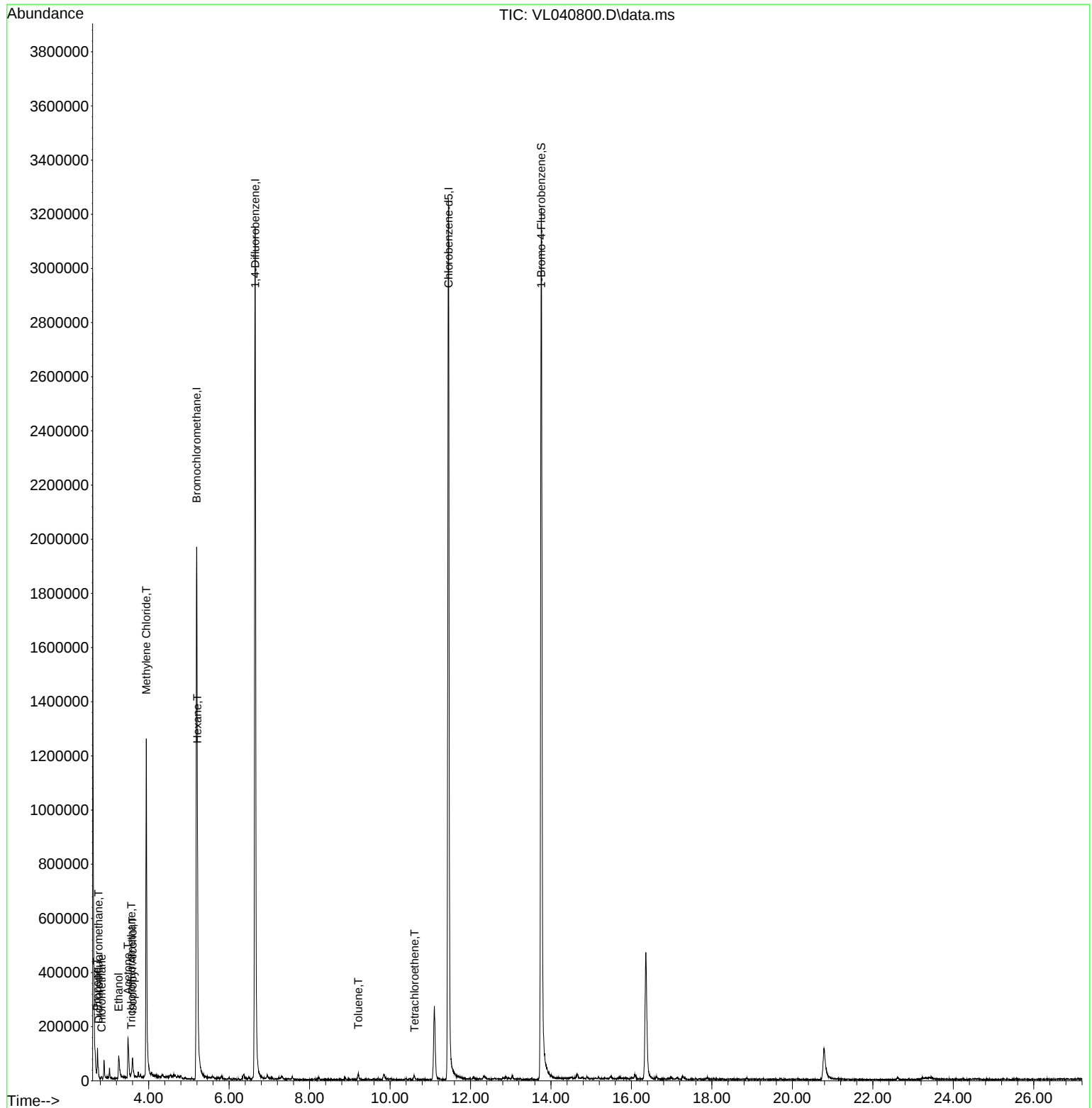
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
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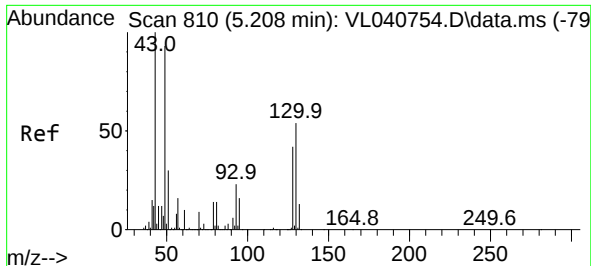
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Quant Time: Oct 26 03:52:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

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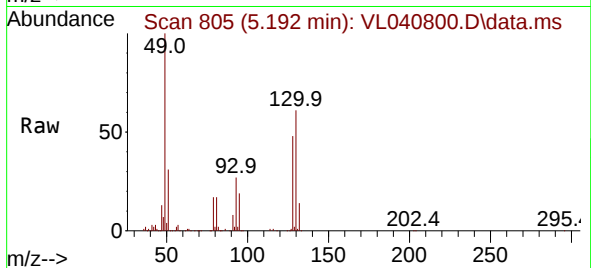
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

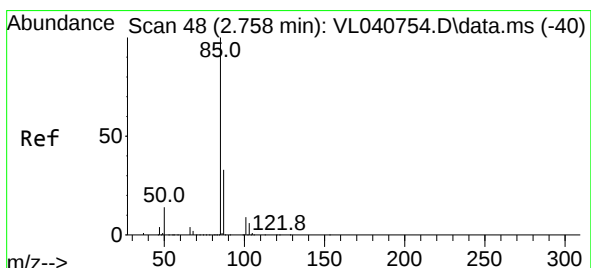
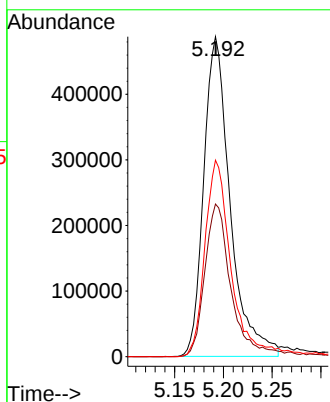
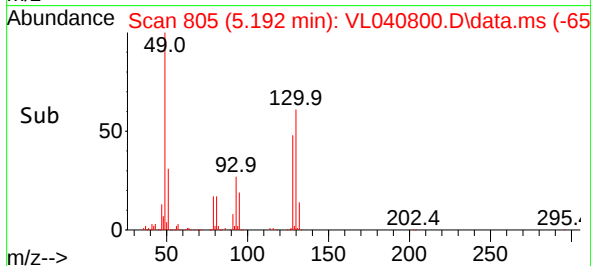
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 49 Resp: 919034
Ion Ratio Lower Upper
49 100
128 49.0 23.9 71.7
130 63.0 30.7 92.1

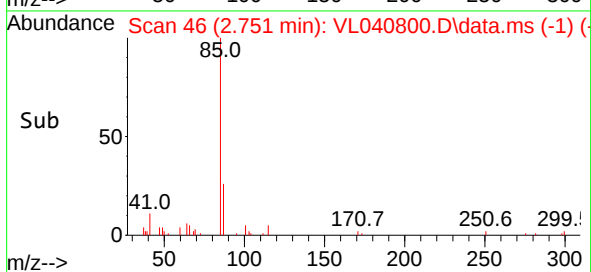
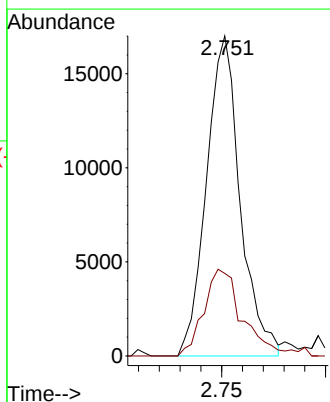
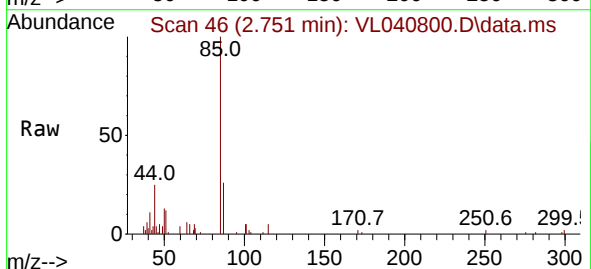
Manual Integrations
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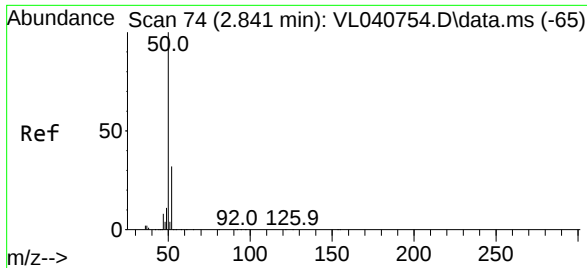
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#2
Dichlorodifluoromethane
Concen: 0.118 ppbv
RT: 2.751 min Scan# 46
Delta R.T. -0.006 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

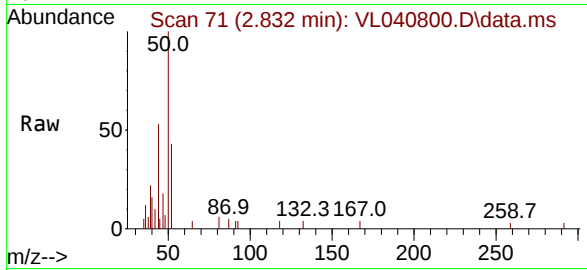
Tgt Ion: 85 Resp: 19160
Ion Ratio Lower Upper
85 100
87 25.8 26.0 39.0#





#4
Chloromethane
Concen: 0.122 ppbv
RT: 2.832 min Scan# 74
Delta R.T. -0.010 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

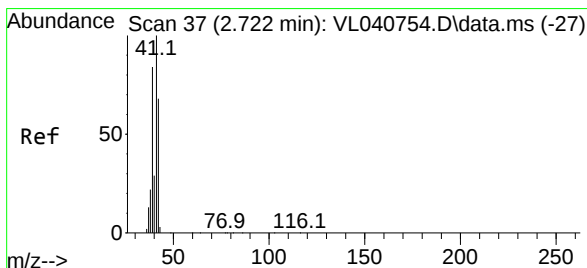
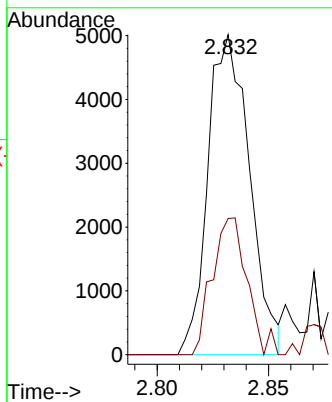
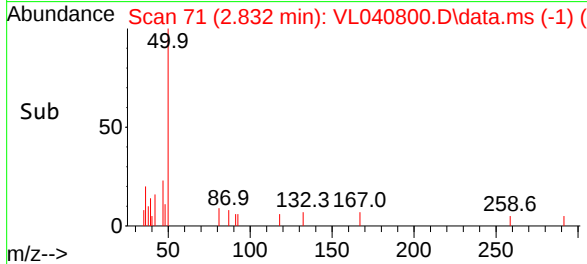
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 50 Resp: 6510
Ion Ratio Lower Upper
50 100
52 42.5 25.3 37.9

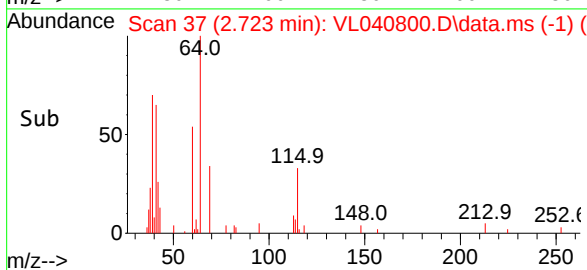
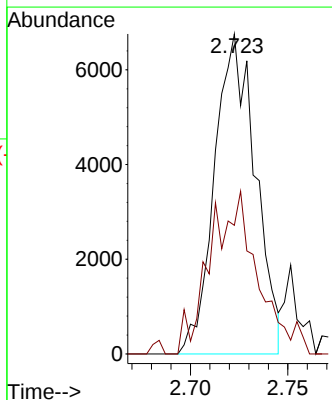
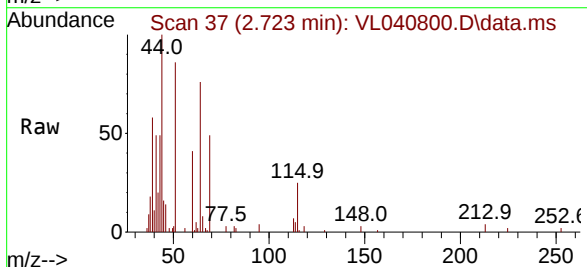
Manual Integrations
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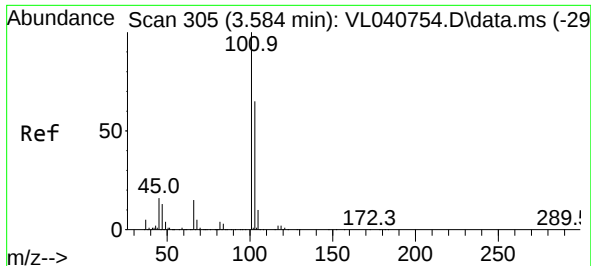
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#9
Propene
Concen: 0.196 ppbv
RT: 2.723 min Scan# 37
Delta R.T. 0.000 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

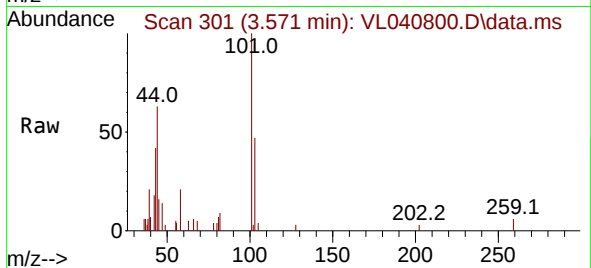
Tgt Ion: 41 Resp: 9848
Ion Ratio Lower Upper
41 100
42 60.5 57.1 85.7





#11
 Trichlorofluoromethane
 Concen: 0.065 ppbv
 RT: 3.571 min Scan# 305
 Delta R.T. -0.013 min
 Lab File: VL040800.D
 Acq: 25 Oct 2023 14:57

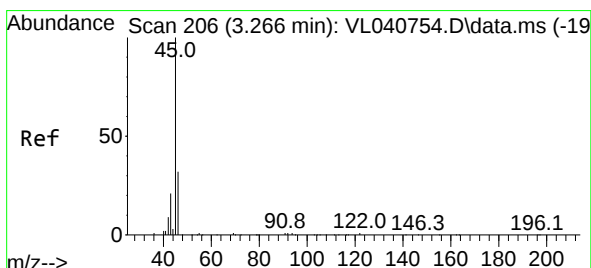
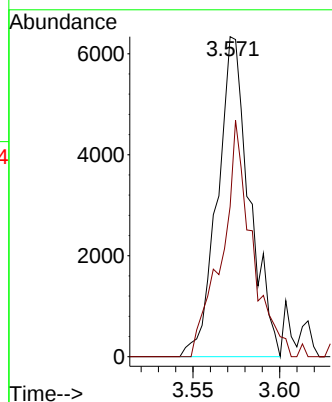
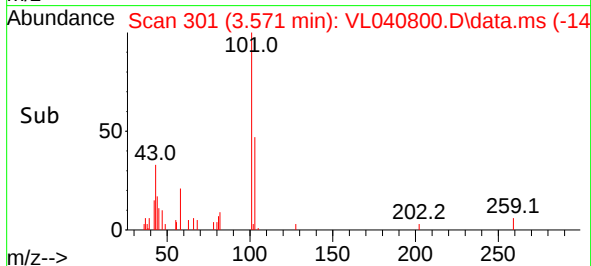
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL



Tgt Ion: 101 Resp: 8144
 Ion Ratio Lower Upper
 101 100
 103 46.9 52.2 78.2

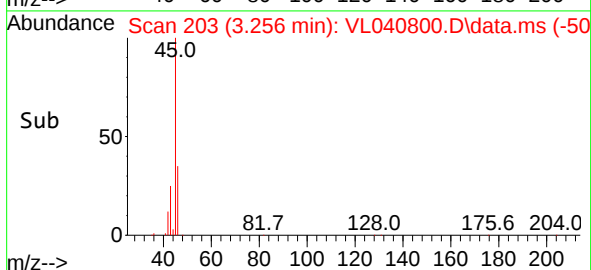
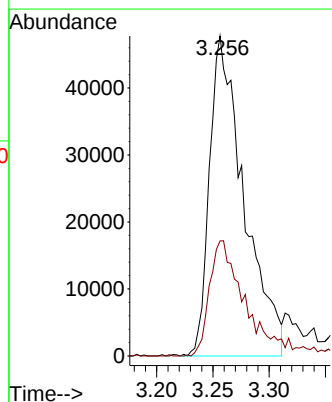
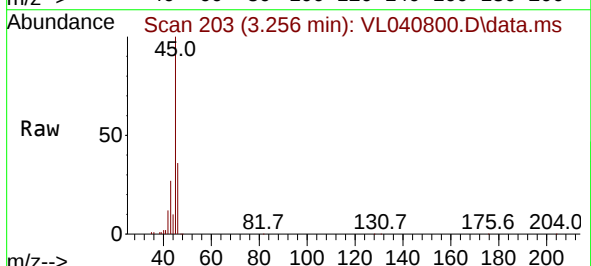
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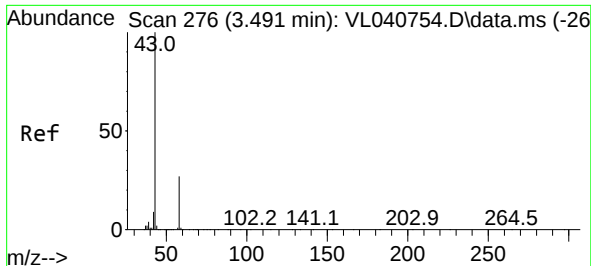
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#13
 Ethanol
 Concen: 8.980 ppbv m
 RT: 3.256 min Scan# 203
 Delta R.T. -0.010 min
 Lab File: VL040800.D
 Acq: 25 Oct 2023 14:57

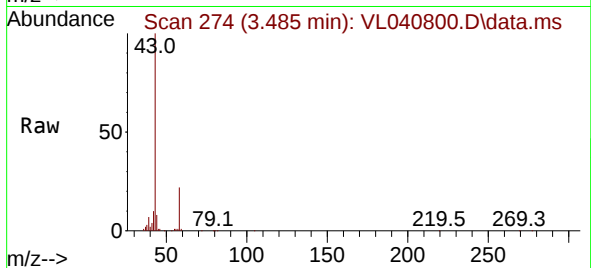
Tgt Ion: 45 Resp: 101691
 Ion Ratio Lower Upper
 45 100
 46 38.9 14.6 58.2





#15
Acetone
Concen: 1.647 ppbv
RT: 3.485 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

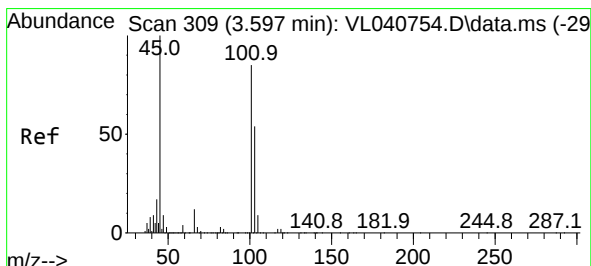
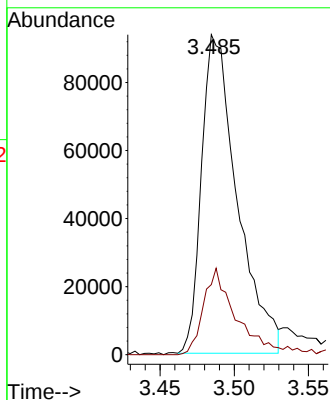
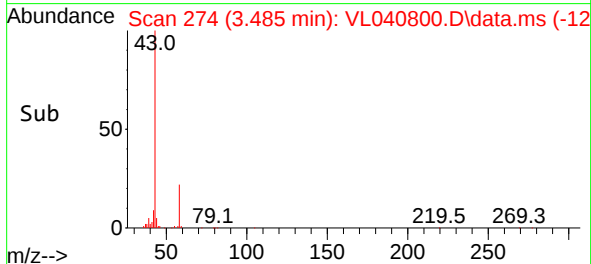
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 43 Resp: 156484
Ion Ratio Lower Upper
43 100
58 28.6 21.6 32.4

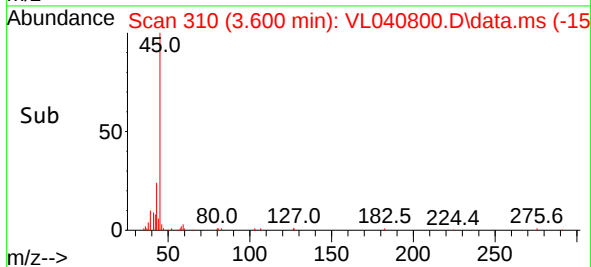
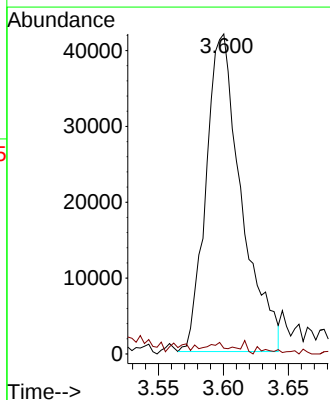
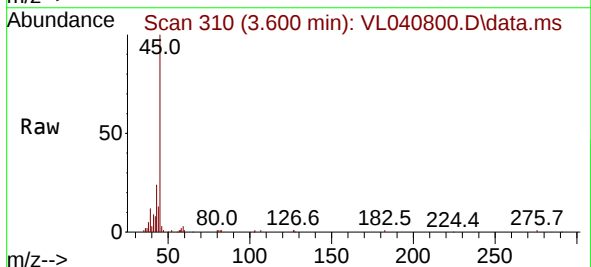
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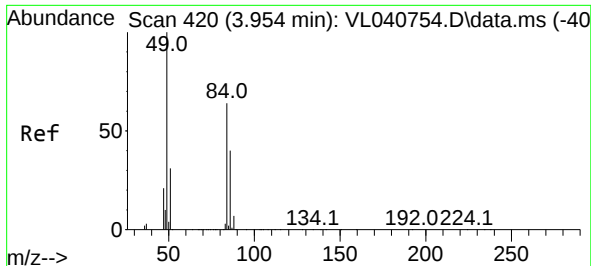
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#19
Isopropyl Alcohol
Concen: 1.296 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.003 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

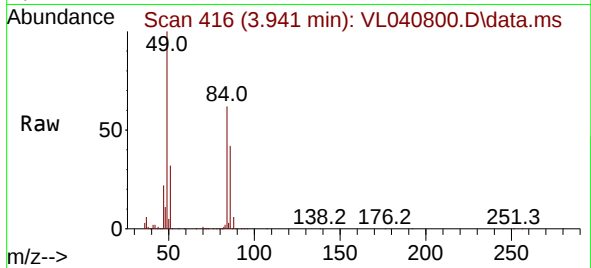
Tgt Ion: 45 Resp: 79284
Ion Ratio Lower Upper
45 100
58 3.8 30.3 45.5#





#20
Methylene Chloride
Concen: 10.335 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.013 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

Instrument :
MSVOA_L
Client Sample Id :
IA-1DL

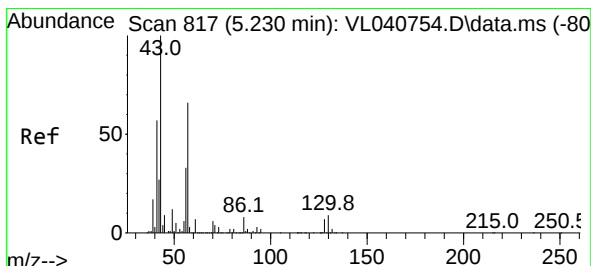
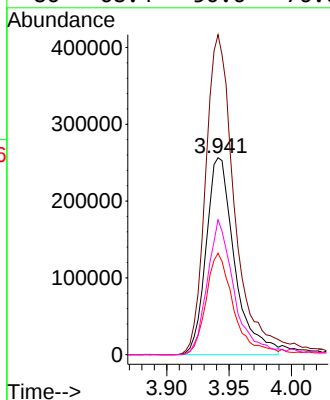
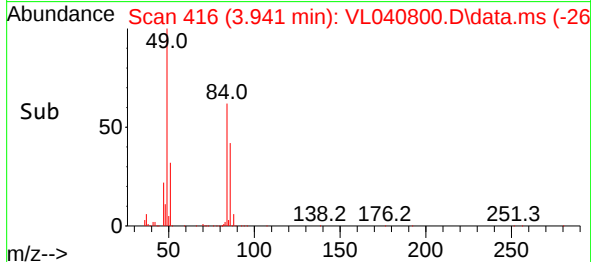


Tgt Ion: 84 Resp: 409020

Ion	Ratio	Lower	Upper
84	100		
49	162.3	125.6	188.4
51	51.4	38.9	58.3
86	68.4	50.6	76.0

Manual Integrations
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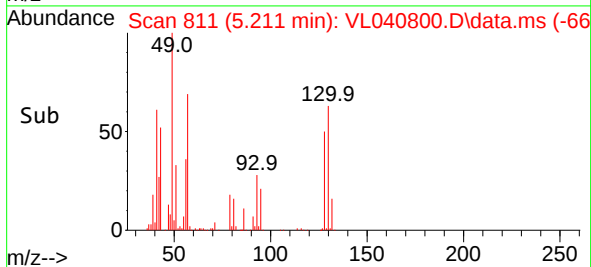
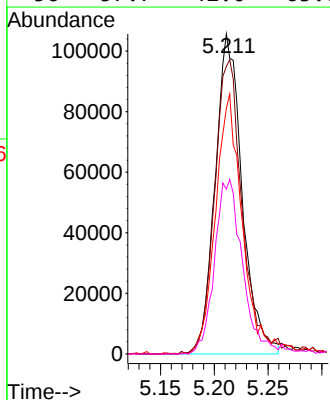
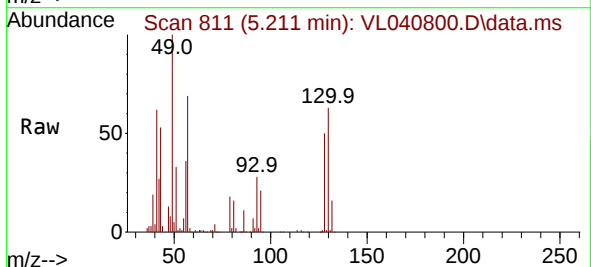
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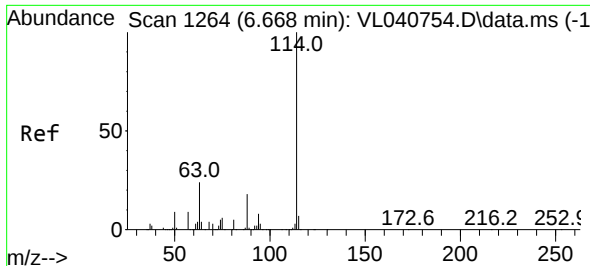


#26
Hexane
Concen: 1.940 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.019 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

Tgt Ion: 57 Resp: 184542

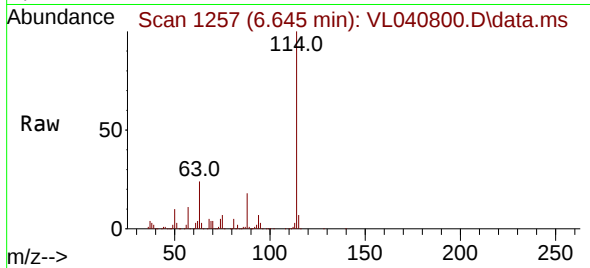
Ion	Ratio	Lower	Upper
57	100		
41	97.1	71.4	107.2
43	82.7	182.3	273.5#
56	57.7	42.0	63.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.022 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

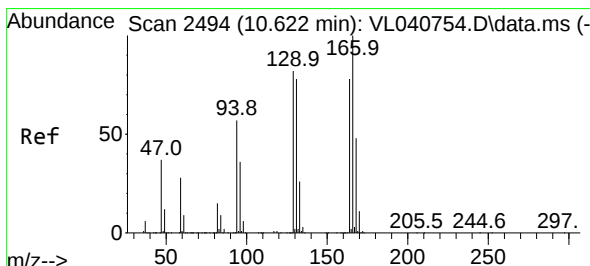
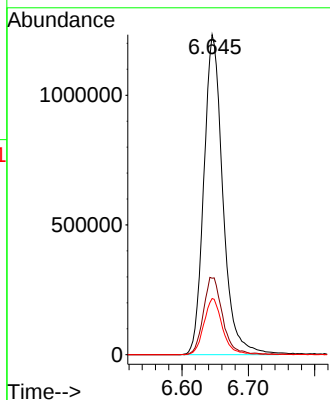
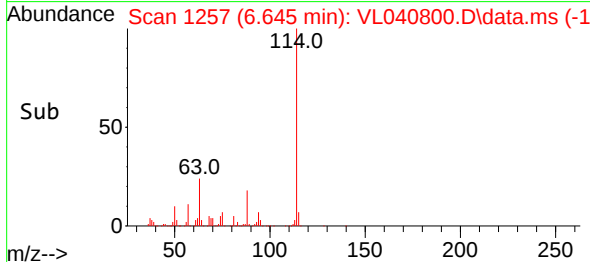
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion:114 Resp: 2459700
Ion Ratio Lower Upper
114 100
63 24.7 19.8 29.6
88 17.1 14.2 21.2

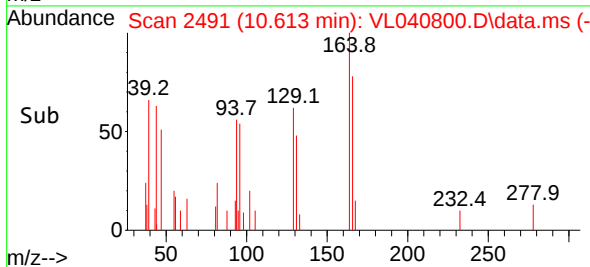
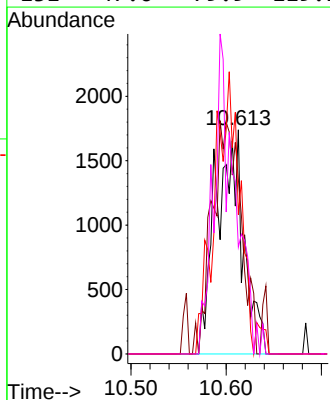
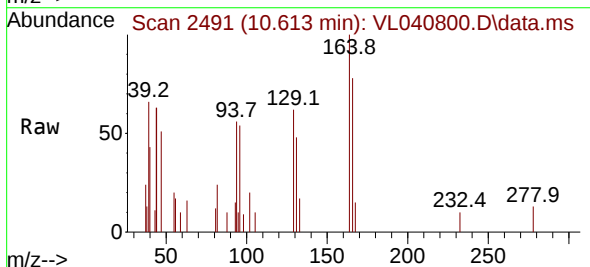
Manual Integrations
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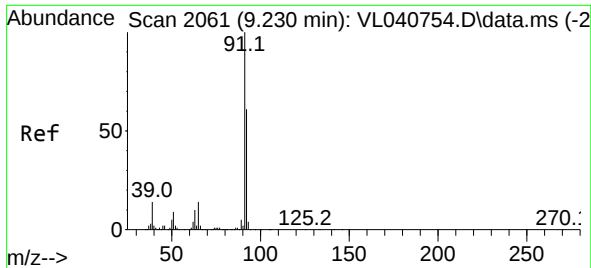
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Tetrachloroethene
Concen: 0.046 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.009 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

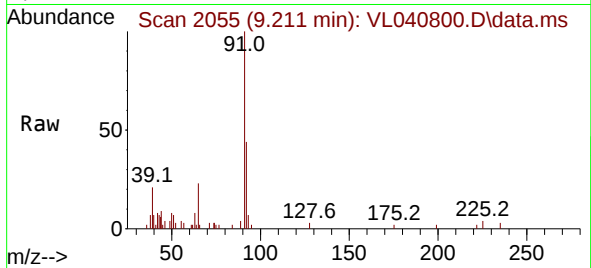
Tgt Ion:164 Resp: 3510
Ion Ratio Lower Upper
164 100
166 77.8 102.4 153.6#
129 62.2 84.2 126.4#
131 47.6 79.9 119.9#





#53
Toluene
Concen: 0.067 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57

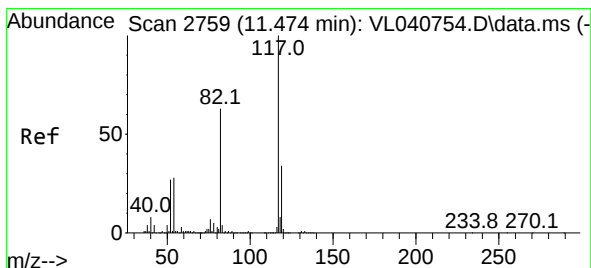
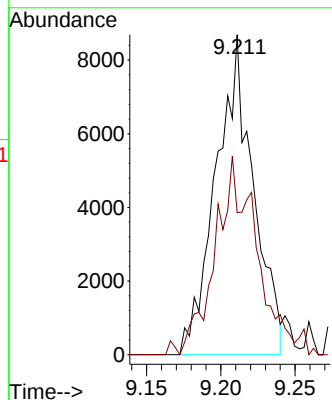
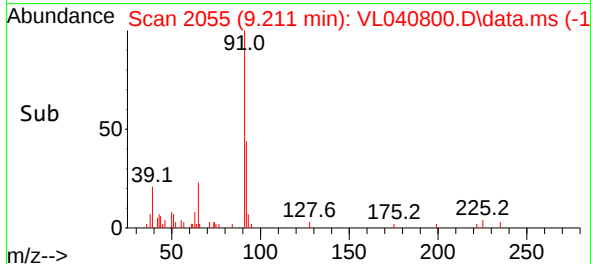
Instrument :
MSVOA_L
Client Sample Id :
IA-1DL



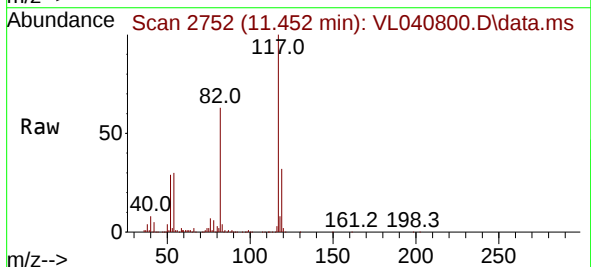
Tgt Ion: 91 Resp: 15179
Ion Ratio Lower Upper
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92 70.0 50.2 75.2

Manual Integrations
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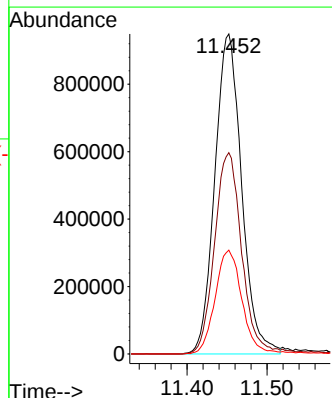
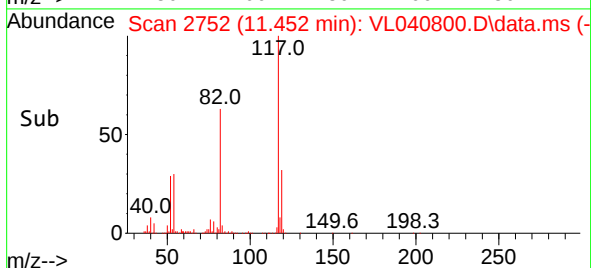
Reviewed By :Semsettin Yesilyurt 10/26/2023
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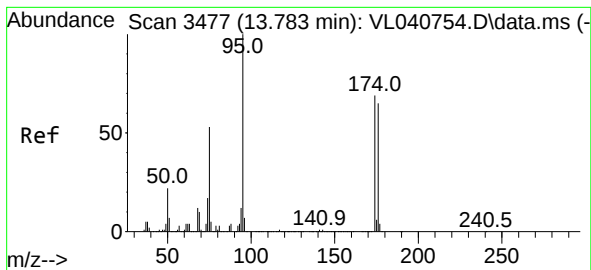


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.022 min
Lab File: VL040800.D
Acq: 25 Oct 2023 14:57



Tgt Ion:117 Resp: 2210439
Ion Ratio Lower Upper
117 100
82 65.2 46.6 70.0
119 33.0 26.0 39.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.583 ppbv
 RT: 13.761 min Scan# 34
 Delta R.T. -0.022 min
 Lab File: VL040800.D
 Acq: 25 Oct 2023 14:57

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Tgt Ion: 95 Resp: 172134
 Ion Ratio Lower Upper
 95 100
 174 64.0 54.7 82.1
 175 4.7 4.2 6.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

