

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040944.D
 Acq On : 22 Dec 2023 00:12
 Operator : SY/MD
 Sample : 05848-02DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 03:41:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 21 07:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1234446	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	3258662	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2823282	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1976082	9.502	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.000%
Target Compounds						
					Qvalue	
13) Ethanol	3.292	45	4993m	0.323	ppbv	
15) Acetone	3.510	43	44458	0.300	ppbv #	82
20) Methylene Chloride	3.944	84	17061	0.323	ppbv #	88
26) Hexane	5.211	57	25673	0.226	ppbv #	38
34) 2-Butanone	4.809	43	35248m	0.204	ppbv	
52) Tetrachloroethene	10.584	164	65917m	0.768	ppbv	

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

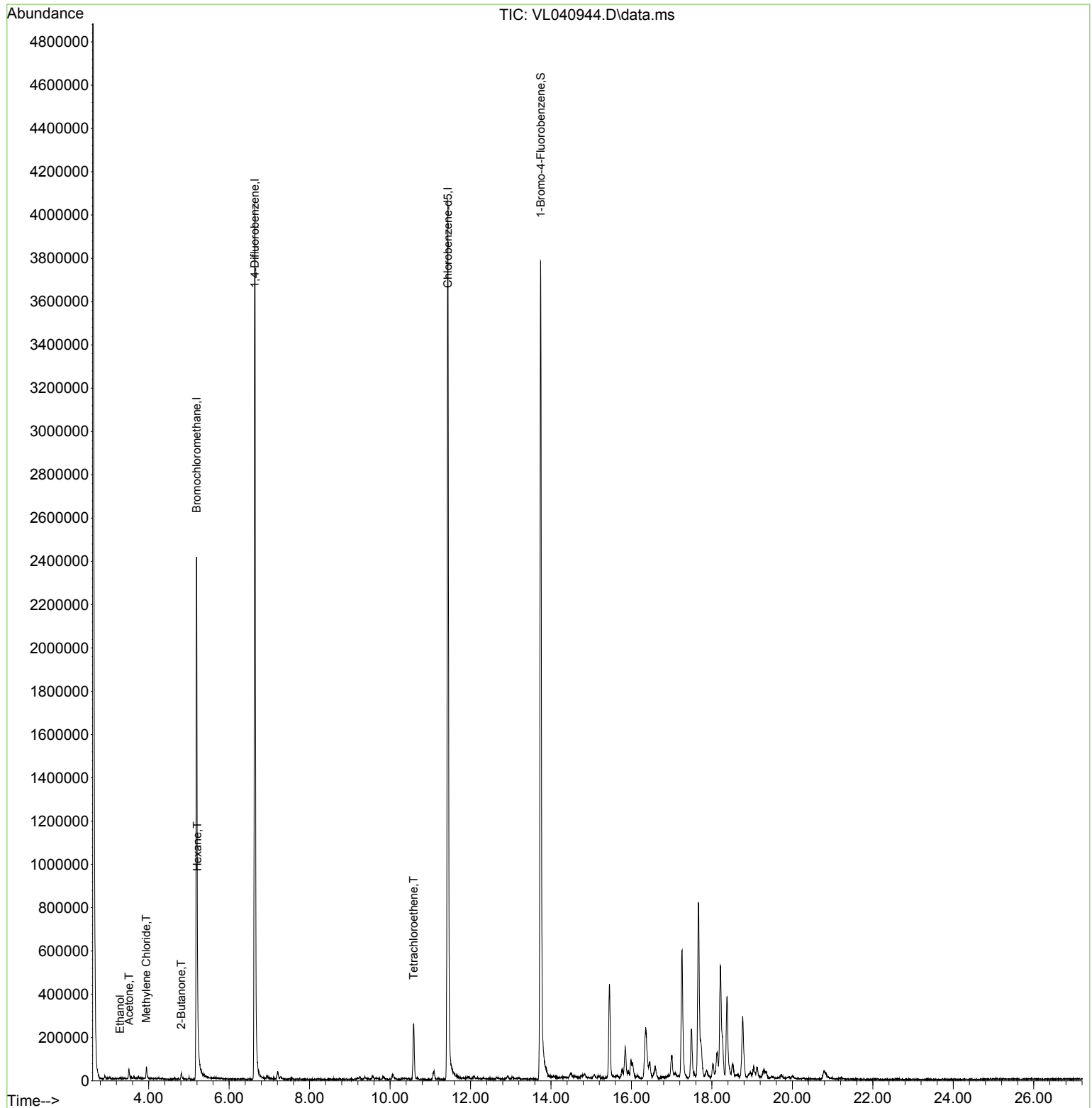
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
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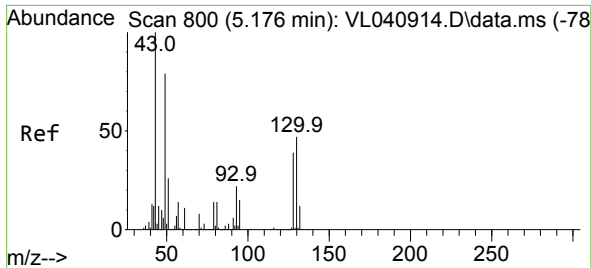
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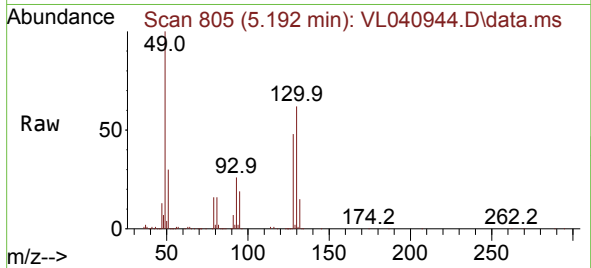
Quant Time: Dec 22 03:41:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Dec 21 07:32:42 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

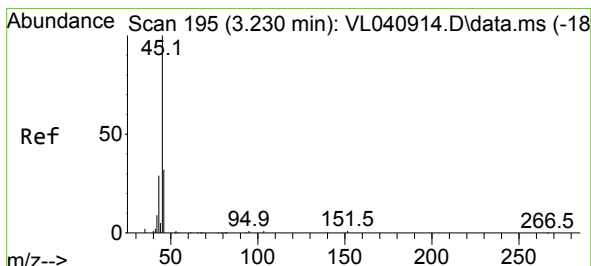
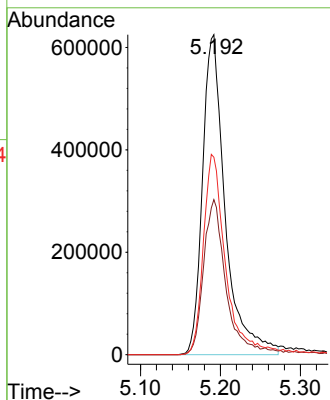
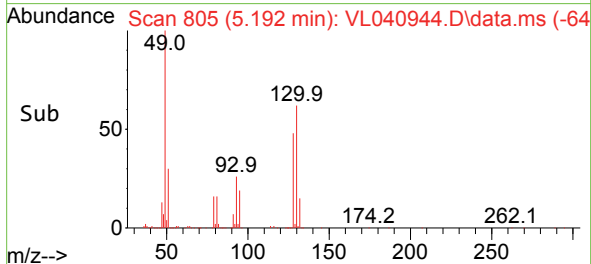
Instrument :
MSVOA_L
ClientSampleId :
SV3DL



Tgt Ion: 49 Resp: 123444
Ion Ratio Lower Upper
49 100
128 49.3 23.8 71.2
130 63.8 30.1 90.5

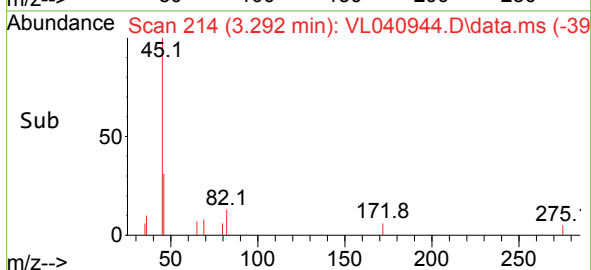
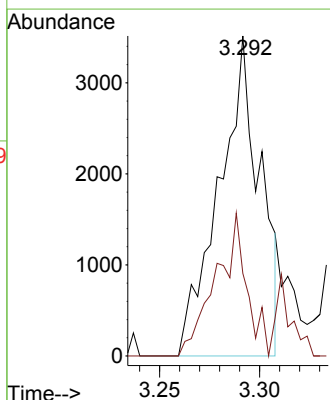
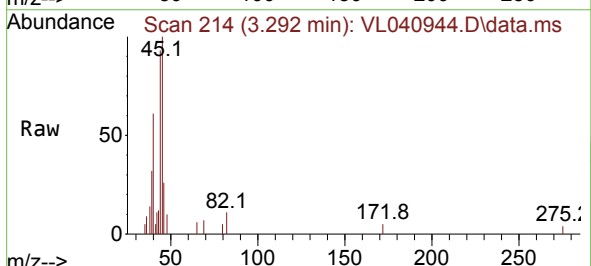
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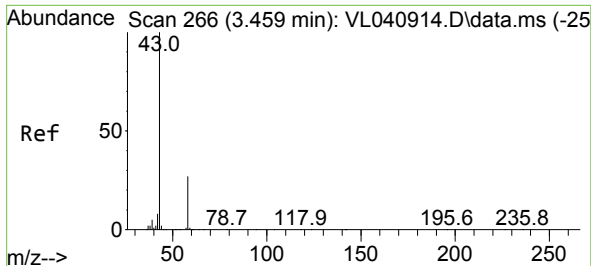
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#13
Ethanol
Concen: 0.323 ppbv m
RT: 3.292 min Scan# 214
Delta R.T. 0.061 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

Tgt Ion: 45 Resp: 4993
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0#





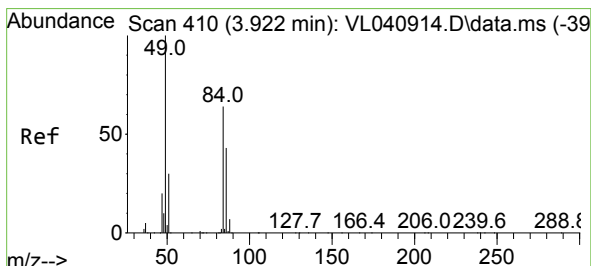
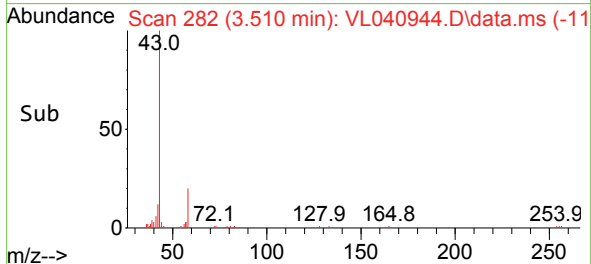
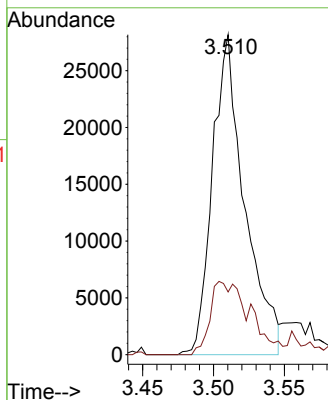
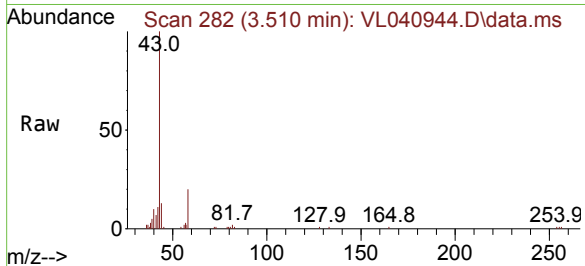
#15
Acetone
Concen: 0.300 ppbv
RT: 3.510 min Scan# 21
Delta R.T. 0.052 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

Instrument :
MSVOA_L
ClientSampleId :
SV3DL

Tgt Ion: 43 Resp: 44458
Ion Ratio Lower Upper
43 100
58 34.7 20.6 30.8

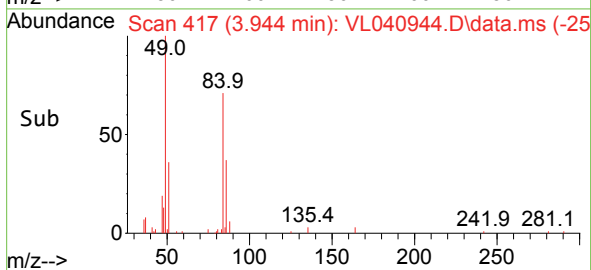
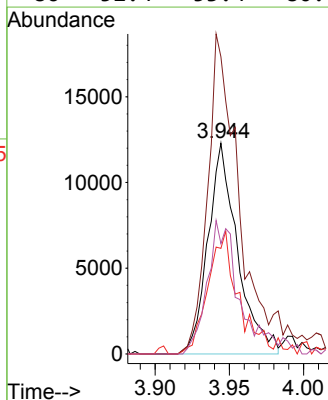
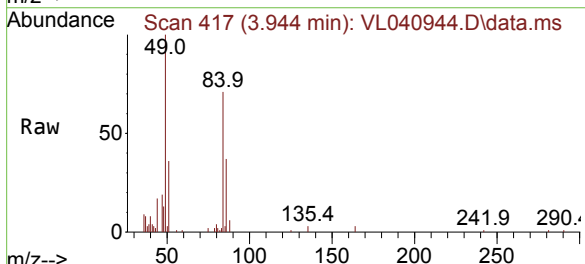
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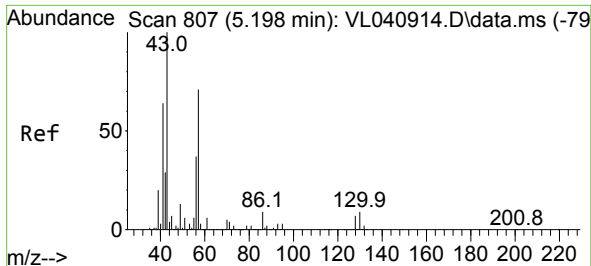
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#20
Methylene Chloride
Concen: 0.323 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.023 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

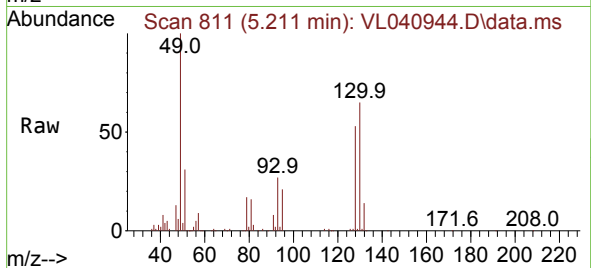
Tgt Ion: 84 Resp: 17061
Ion Ratio Lower Upper
84 100
49 141.0 124.6 187.0
51 50.1 37.2 55.8
86 52.4 53.4 80.0





#26
Hexane
Concen: 0.226 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

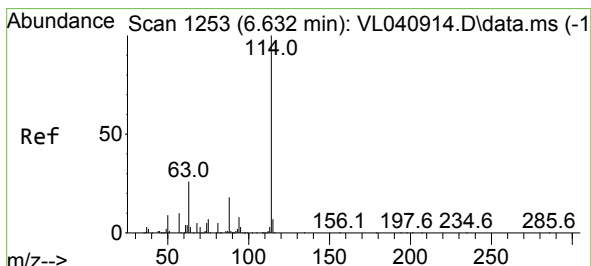
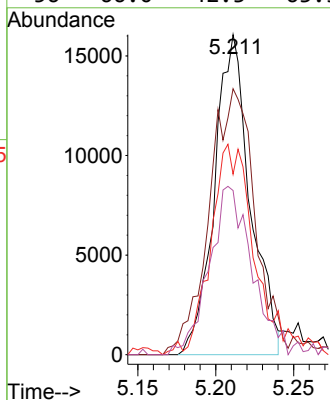
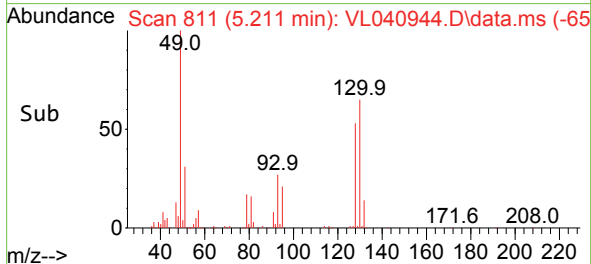
Instrument :
MSVOA_L
ClientSampleId :
SV3DL



Tgt Ion: 57 Resp: 2567
Ion Ratio Lower Upper
57 100
41 109.7 75.2 112.8
43 83.8 188.0 282.0
56 66.0 42.3 63.5#

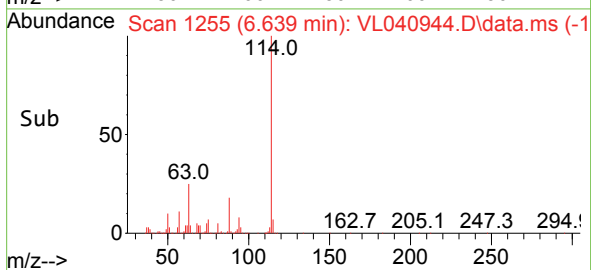
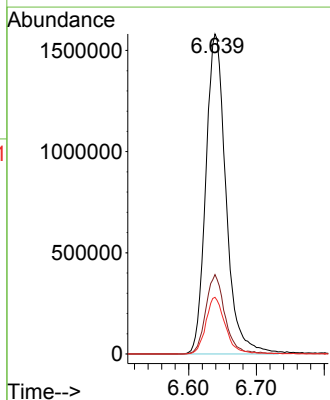
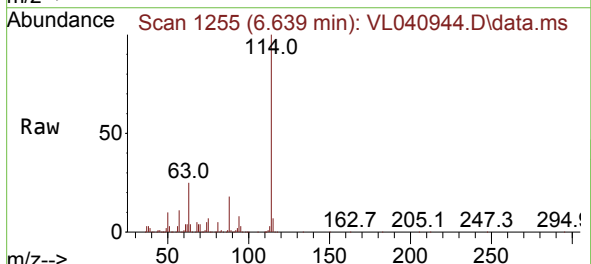
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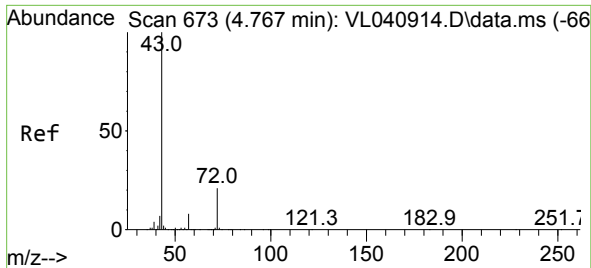
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.007 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

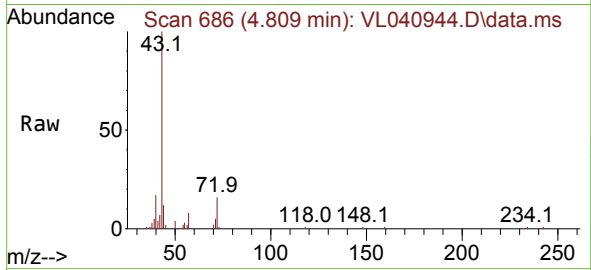
Tgt Ion:114 Resp: 3258662
Ion Ratio Lower Upper
114 100
63 24.0 21.0 31.6
88 17.3 14.3 21.5





#34
2-Butanone
Concen: 0.204 ppbv m
RT: 4.809 min Scan# 61
Delta R.T. 0.042 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

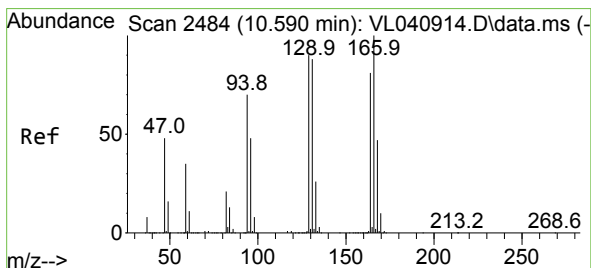
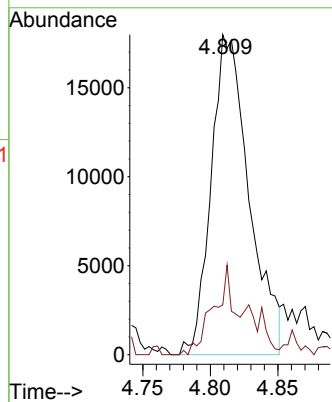
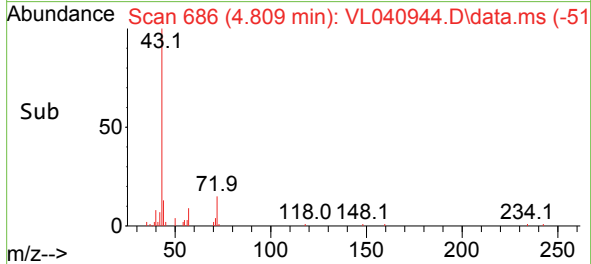
Instrument :
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ClientSampleId :
SV3DL



Tgt Ion: 43 Resp: 3524
Ion Ratio Lower Upper
43 100
72 1.5 17.2 25.8

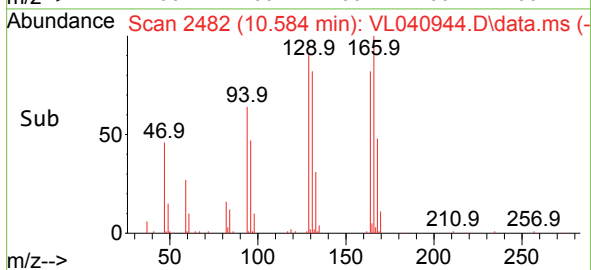
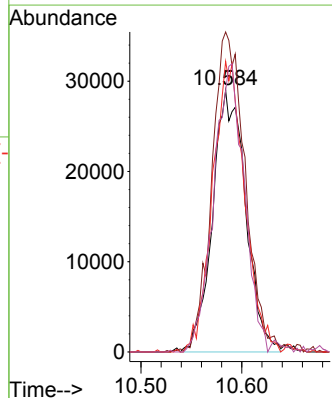
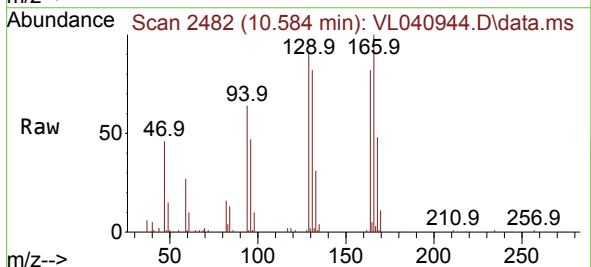
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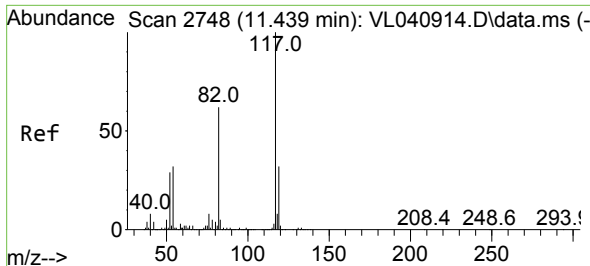
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#52
Tetrachloroethene
Concen: 0.768 ppbv m
RT: 10.584 min Scan# 2482
Delta R.T. -0.006 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

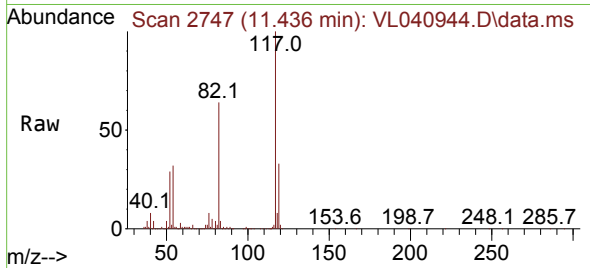
Tgt Ion:164 Resp: 65917
Ion Ratio Lower Upper
164 100
166 122.2 98.9 148.3
129 111.0 88.7 133.1
131 99.8 87.1 130.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

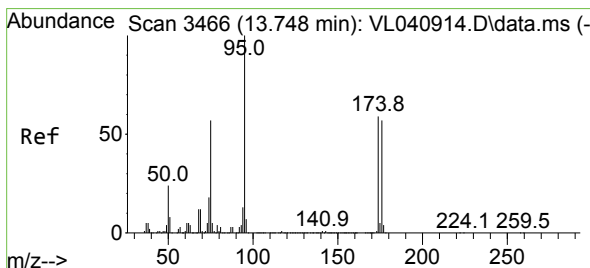
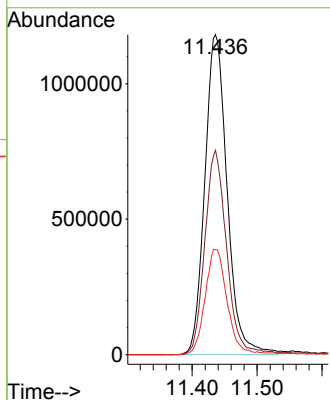
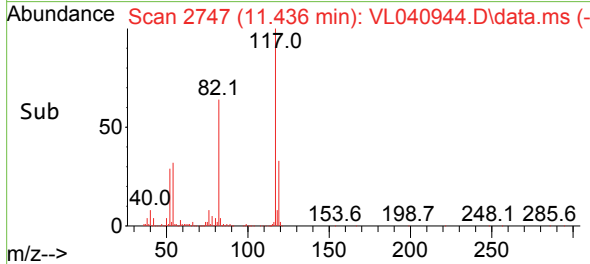
Instrument :
MSVOA_L
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Tgt Ion:117 Resp: 282328
Ion Ratio Lower Upper
117 100
82 63.3 49.6 74.4
119 33.0 23.4 35.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.502 ppbv
RT: 13.745 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL040944.D
Acq: 22 Dec 2023 00:12

Tgt Ion: 95 Resp: 1976082
Ion Ratio Lower Upper
95 100
174 65.7 48.0 72.0
175 4.9 3.7 5.5

