

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040037.D
 Acq On : 19 Dec 2022 20:50
 Operator : SY/MD
 Sample : N5971-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-6DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.166	49	1067276	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2929615	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2558755	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1932618	9.888	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
9) Propene	2.681	41	131096m	1.962	ppbv	
10) Heptane	7.562	43	18228m	0.112	ppbv	
13) Ethanol	3.218	45	270779m	43.052	ppbv	
15) Acetone	3.446	43	538662m	3.263	ppbv	
19) Isopropyl Alcohol	3.562	45	22215m	0.273	ppbv	
20) Methylene Chloride	3.912	84	123980	1.767	ppbv	99
26) Hexane	5.189	57	93121	0.775	ppbv #	39
30) Cyclohexane	6.578	84	28768m	0.270	ppbv	
36) Benzene	6.346	78	30721	0.117	ppbv	94
53) Toluene	9.198	91	48638m	0.168	ppbv	

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

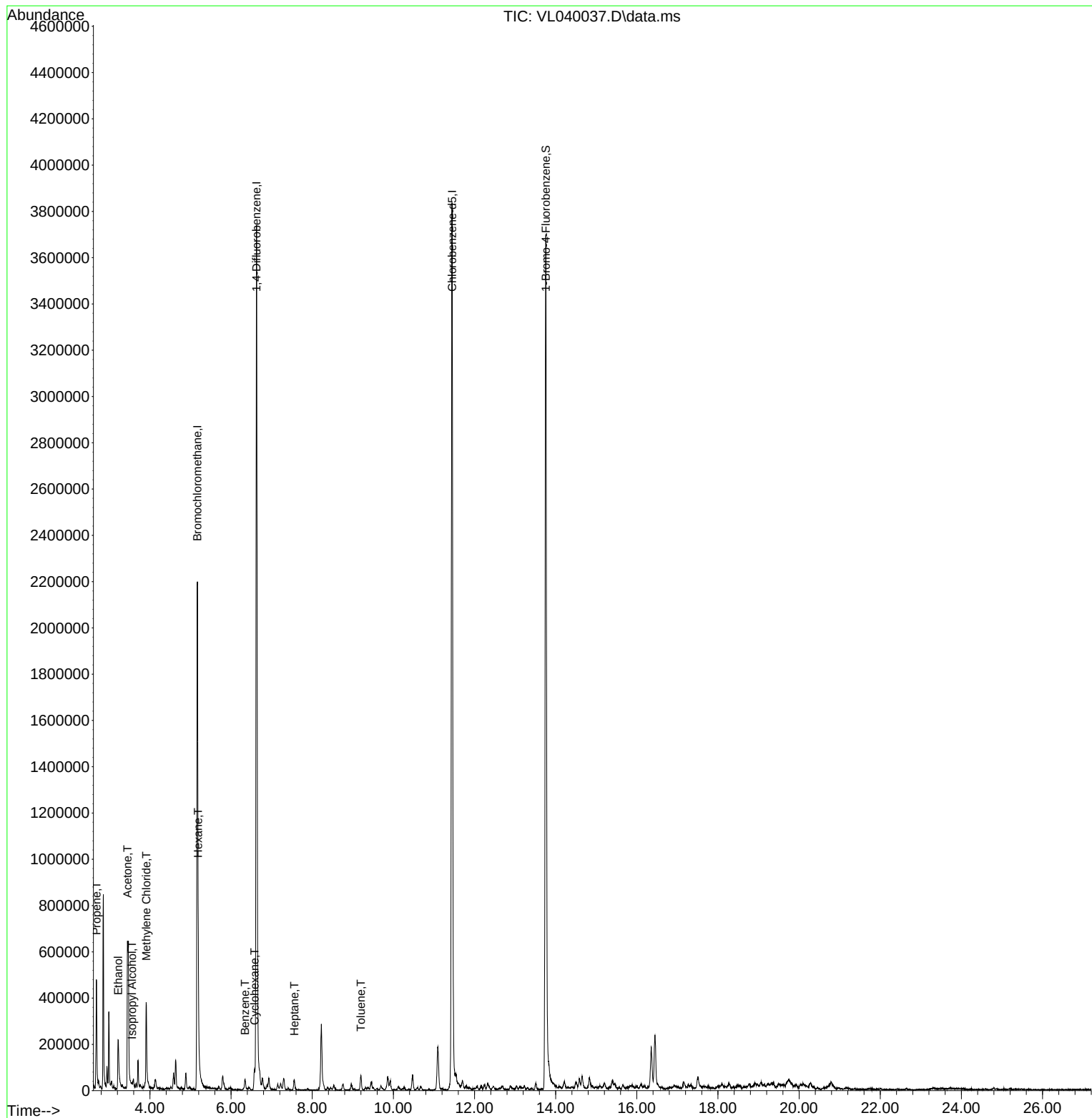
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
Data File : VL040037.D
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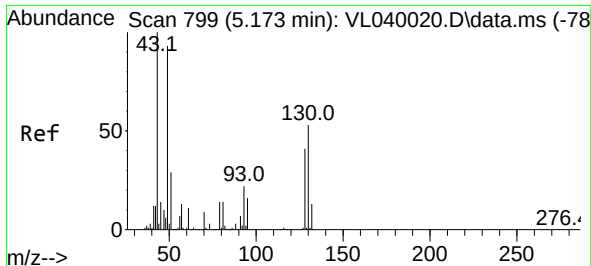
Instrument :
MSVOA_L
ClientSampleId :
SS-6DL

Quant Time: Dec 20 05:15:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Response via : Initial Calibration

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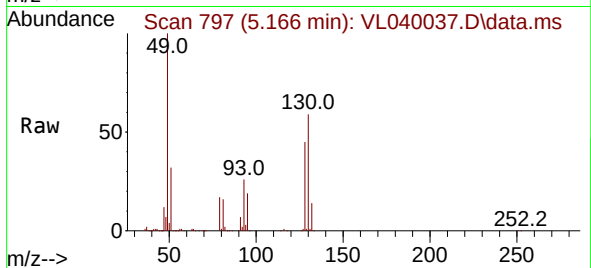
Reviewed By : Semsettin Yesilyurt 12/20/2022
Supervised By : Mahesh Dadoda 12/20/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 799
Delta R.T. -0.007 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

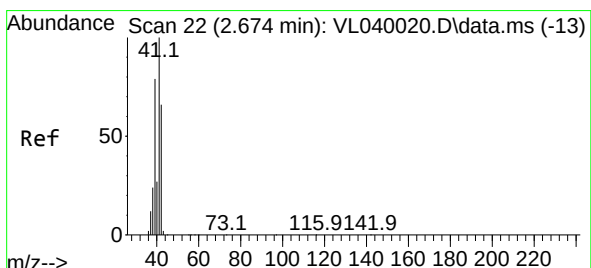
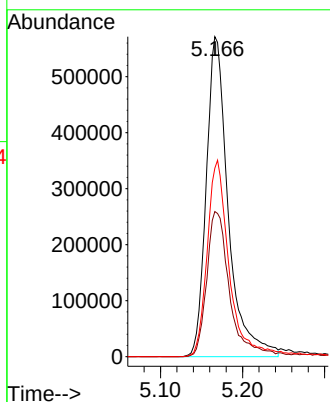
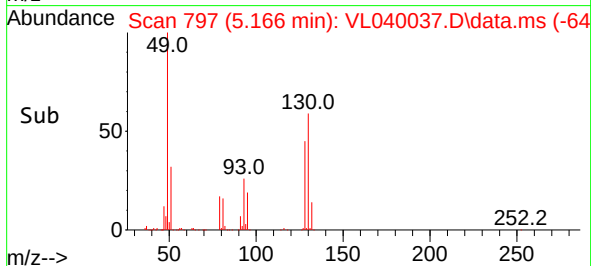
Instrument :
MSVOA_L
ClientSampleId :
SS-6DL



Tgt Ion: 49 Resp: 1067270
Ion Ratio Lower Upper
49 100
128 48.4 22.4 67.3
130 63.0 28.9 86.8

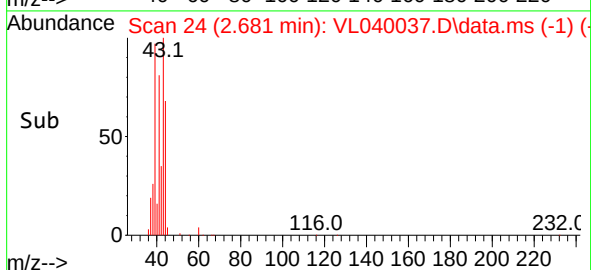
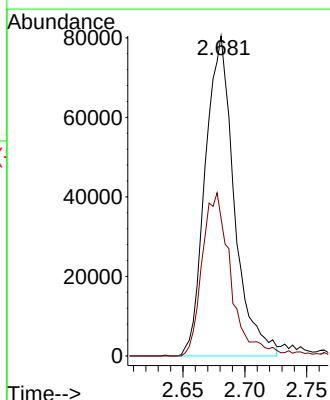
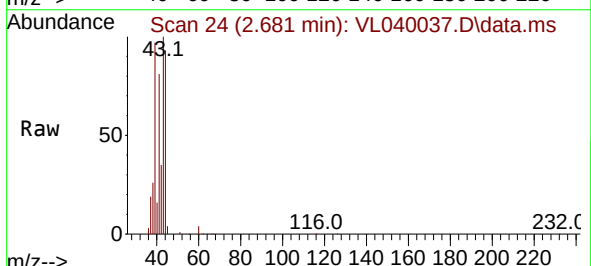
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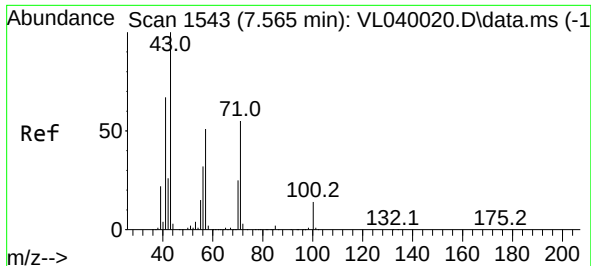
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#9
Propene
Concen: 1.962 ppbv m
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

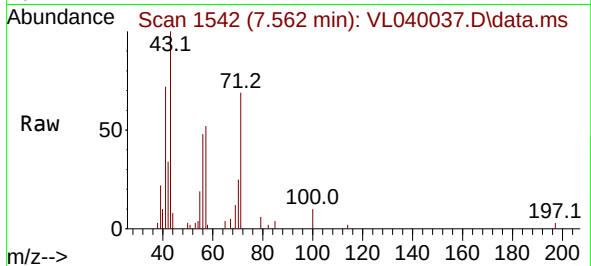
Tgt Ion: 41 Resp: 131096
Ion Ratio Lower Upper
41 100
42 0.0 54.8 82.2#





#10
Heptane
Concen: 0.112 ppbv m
RT: 7.562 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

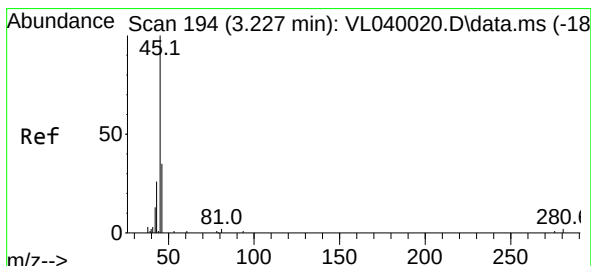
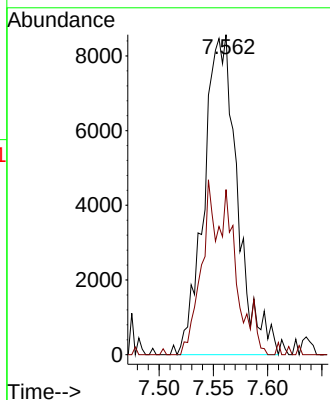
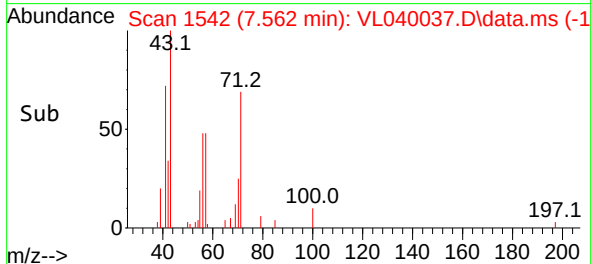
Instrument :
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ClientSampleId :
SS-6DL



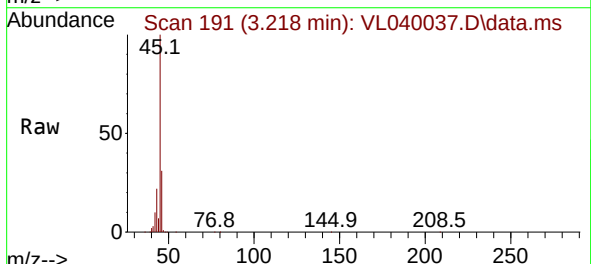
Tgt Ion: 43 Resp: 18228
Ion Ratio Lower Upper
43 100
57 0.0 41.2 61.8

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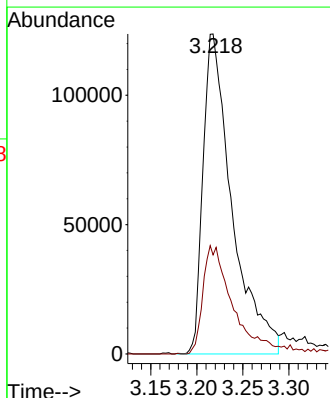
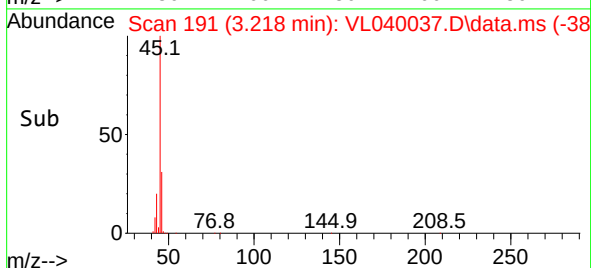
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

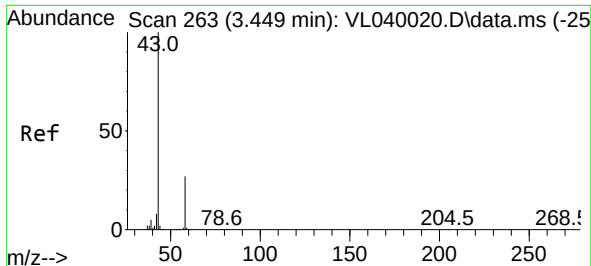


#13
Ethanol
Concen: 43.052 ppbv m
RT: 3.218 min Scan# 191
Delta R.T. -0.010 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50



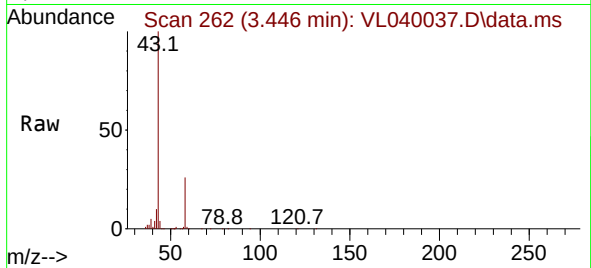
Tgt Ion: 45 Resp: 270779
Ion Ratio Lower Upper
45 100
46 36.8 13.7 54.7





#15
Acetone
Concen: 3.263 ppbv m
RT: 3.446 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

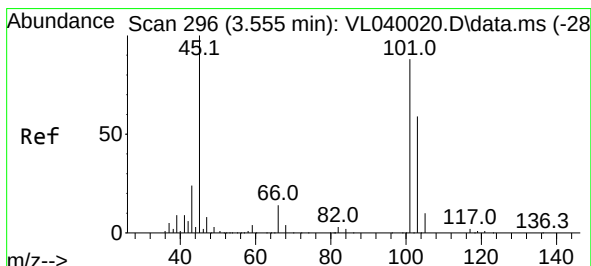
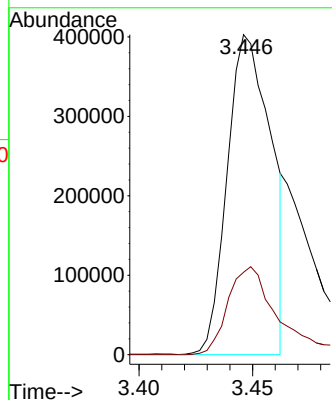
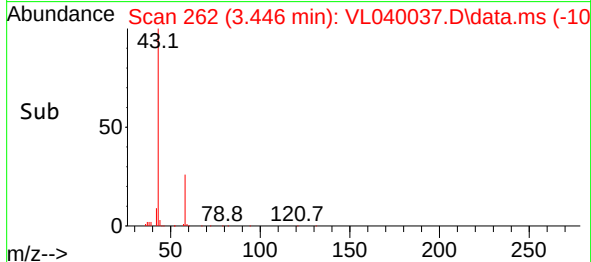
Instrument :
MSVOA_L
ClientSampleId :
SS-6DL



Tgt Ion: 43 Resp: 538662
Ion Ratio Lower Upper
43 100
58 34.9 21.8 32.8

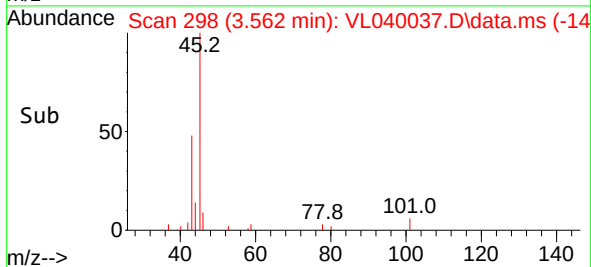
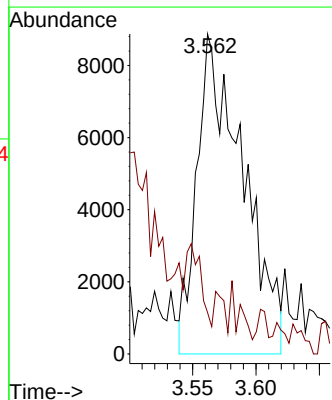
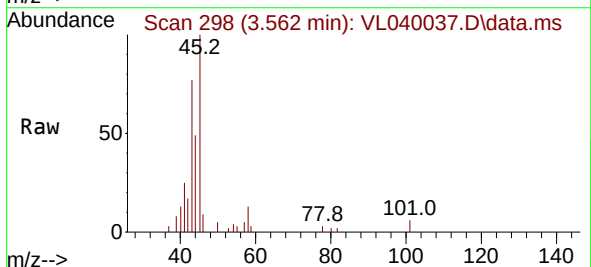
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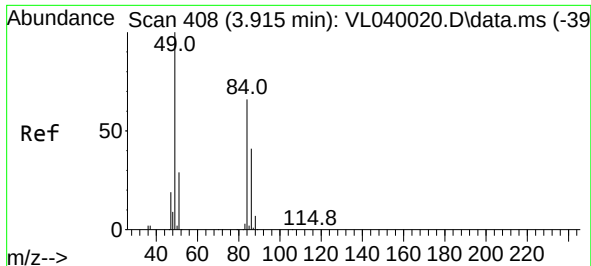
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#19
Isopropyl Alcohol
Concen: 0.273 ppbv m
RT: 3.562 min Scan# 298
Delta R.T. 0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

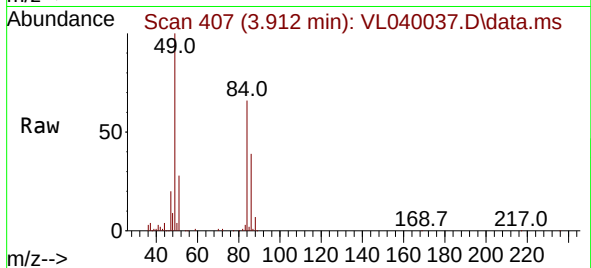
Tgt Ion: 45 Resp: 22215
Ion Ratio Lower Upper
45 100
58 0.0 1.7 2.5





#20
Methylene Chloride
Concen: 1.767 ppbv
RT: 3.912 min Scan# 408
Delta R.T. -0.003 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

Instrument :
MSVOA_L
ClientSampleId :
SS-6DL

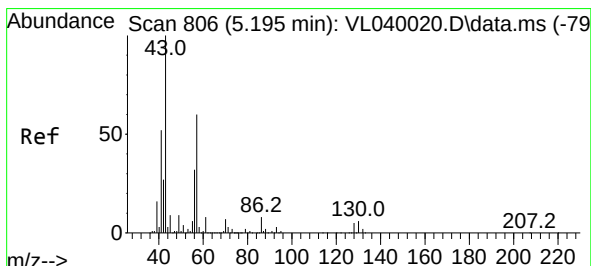
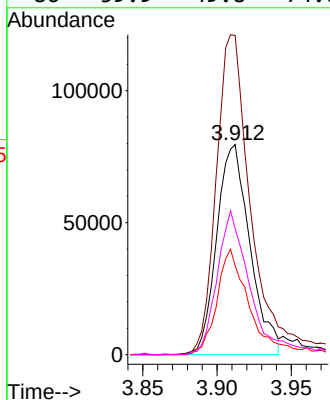
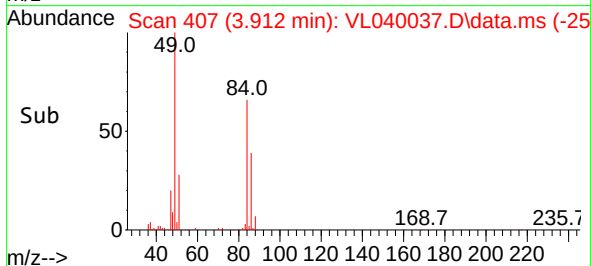


Tgt Ion: 84 Resp: 123980

Ion	Ratio	Lower	Upper
84	100		
49	151.1	120.5	180.7
51	42.0	35.2	52.8
86	59.9	49.8	74.6

Manual Integrations
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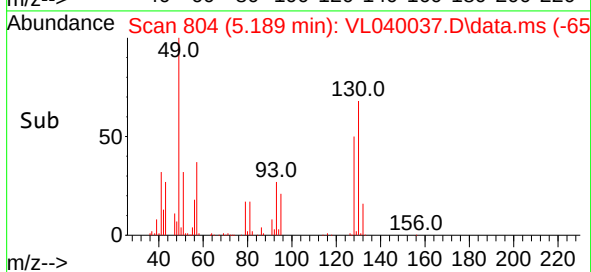
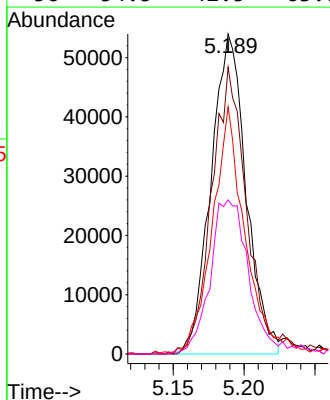
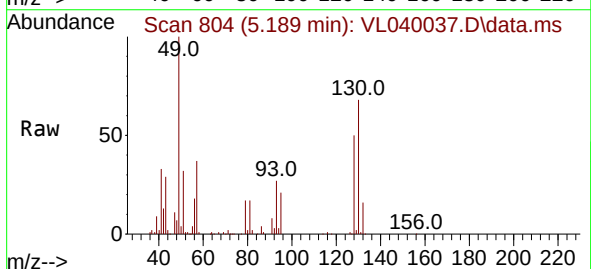
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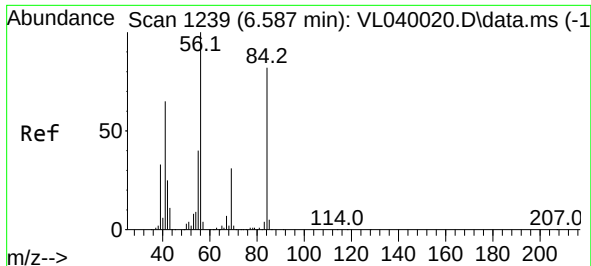


#26
Hexane
Concen: 0.775 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

Tgt Ion: 57 Resp: 93121

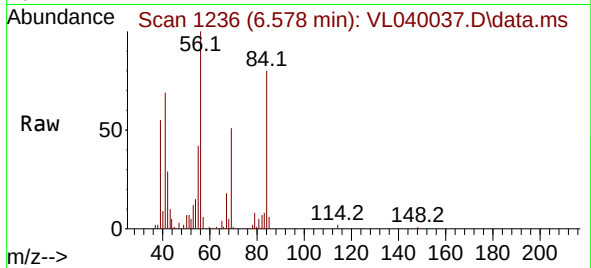
Ion	Ratio	Lower	Upper
57	100		
41	91.1	72.1	108.1
43	74.9	192.1	288.1#
56	54.5	42.5	63.7





#30
Cyclohexane
Concen: 0.270 ppbv m
RT: 6.578 min Scan# 1236
Delta R.T. -0.010 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

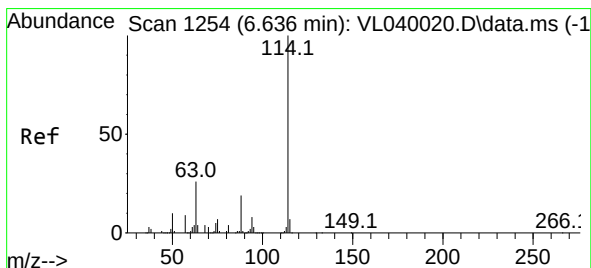
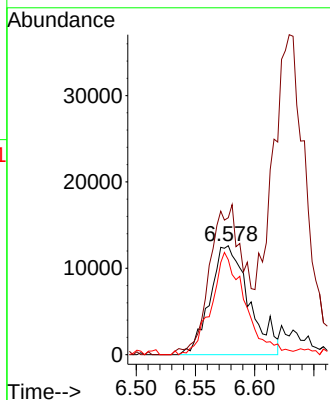
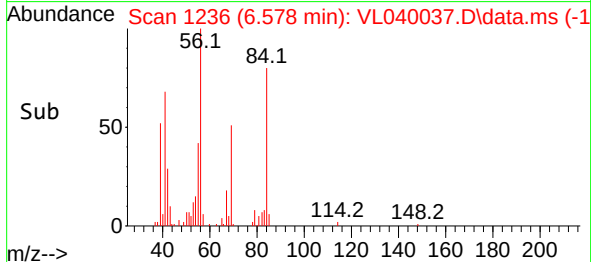
Instrument :
MSVOA_L
ClientSampleId :
SS-6DL



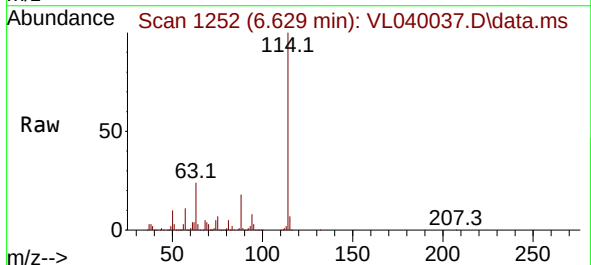
Tgt Ion: 84 Resp: 28768
Ion Ratio Lower Upper
84 100
56 122.0 110.2 165.4
41 83.4 67.8 101.8

Manual Integrations
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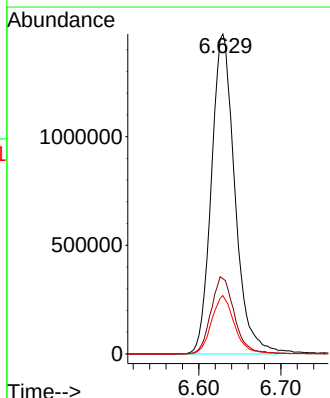
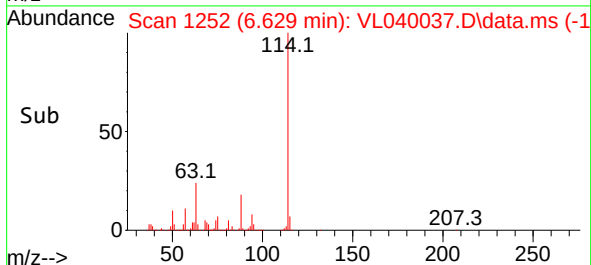
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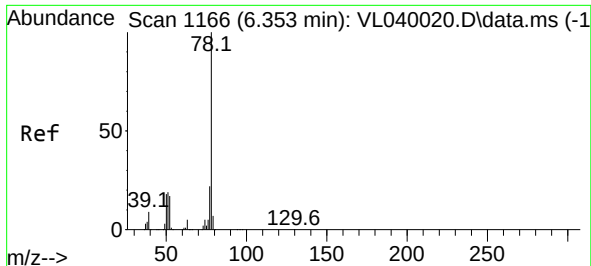


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50



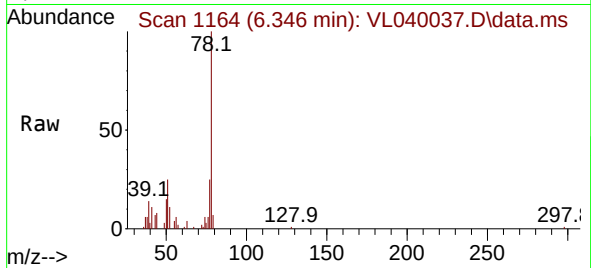
Tgt Ion:114 Resp: 2929615
Ion Ratio Lower Upper
114 100
63 24.4 20.2 30.2
88 18.0 14.6 21.8





#36
Benzene
Concen: 0.117 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

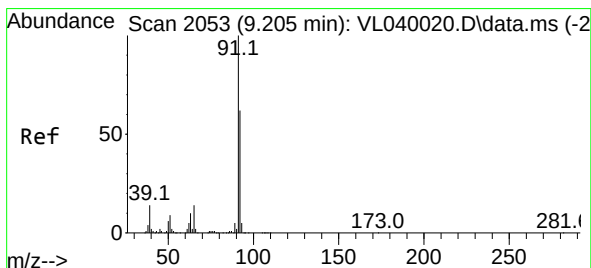
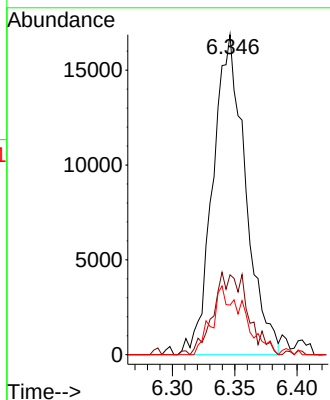
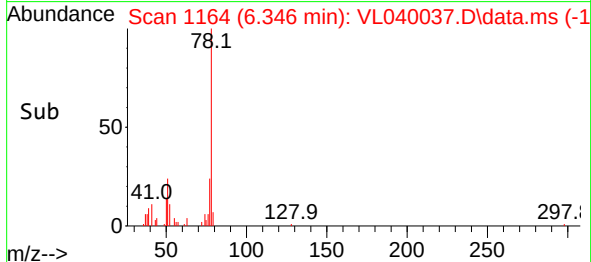
Instrument :
MSVOA_L
ClientSampleId :
SS-6DL



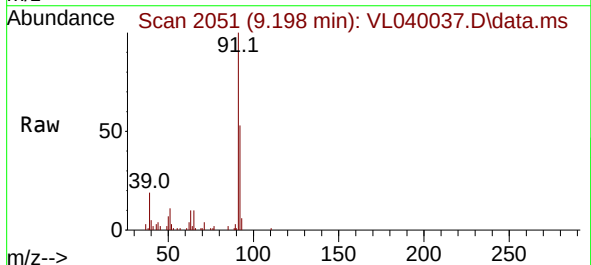
Tgt Ion: 78 Resp: 3072
Ion Ratio Lower Upper
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77 24.9 17.5 26.3
50 15.5 14.2 21.2

Manual Integrations
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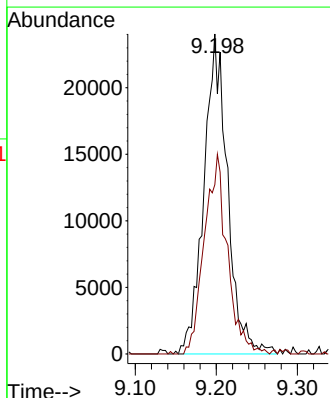
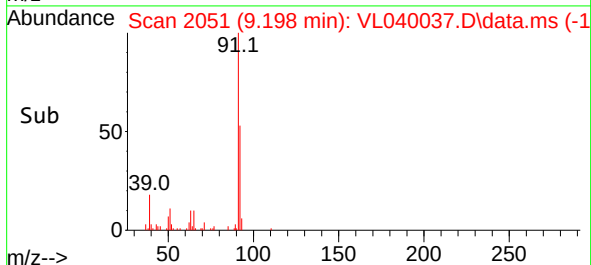
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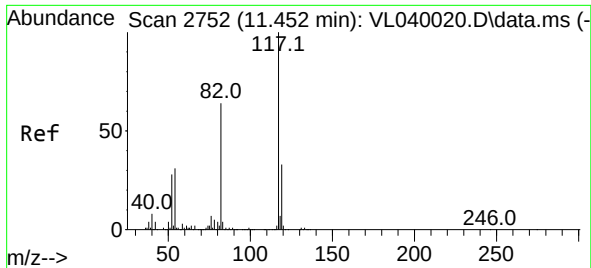


#53
Toluene
Concen: 0.168 ppbv m
RT: 9.198 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50



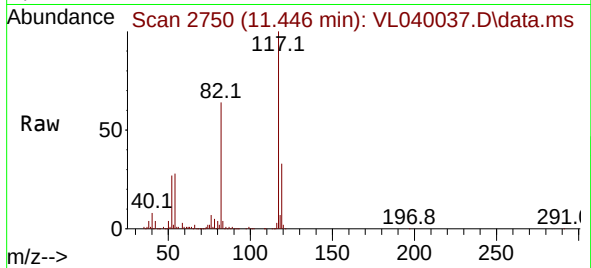
Tgt Ion: 91 Resp: 48638
Ion Ratio Lower Upper
91 100
92 60.7 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

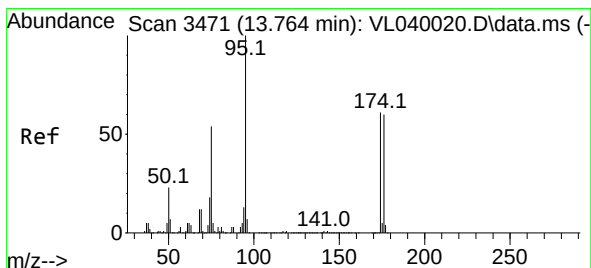
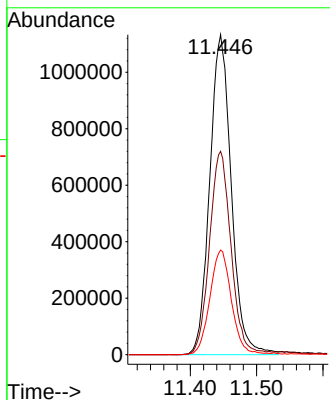
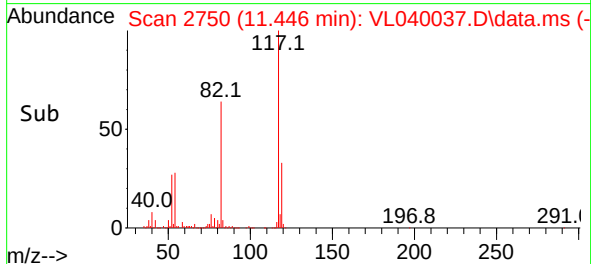
Instrument :
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Tgt Ion:117 Resp: 255875
Ion Ratio Lower Upper
117 100
82 65.1 51.2 76.8
119 32.9 23.2 34.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.888 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL040037.D
Acq: 19 Dec 2022 20:50

Tgt Ion: 95 Resp: 1932618
Ion Ratio Lower Upper
95 100
174 63.2 48.6 73.0
175 4.4 3.4 5.2

