

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\
 Data File : VL040016.D
 Acq On : 13 Dec 2022 22:11
 Operator : SY/MD
 Sample : N5971-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 03:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1164132	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	3202617	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.458	117	2807342	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2128553	9.927	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	177842m	2.350	ppbv	
13) Ethanol	3.227	45	294468	50.971	ppbv	95
15) Acetone	3.455	43	1457114	9.437	ppbv	98
20) Methylene Chloride	3.922	84	34028	0.455	ppbv #	92
26) Hexane	5.198	57	42275	0.341	ppbv #	41
36) Benzene	6.359	78	50500	0.186	ppbv #	94
53) Toluene	9.208	91	60570m	0.195	ppbv	

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

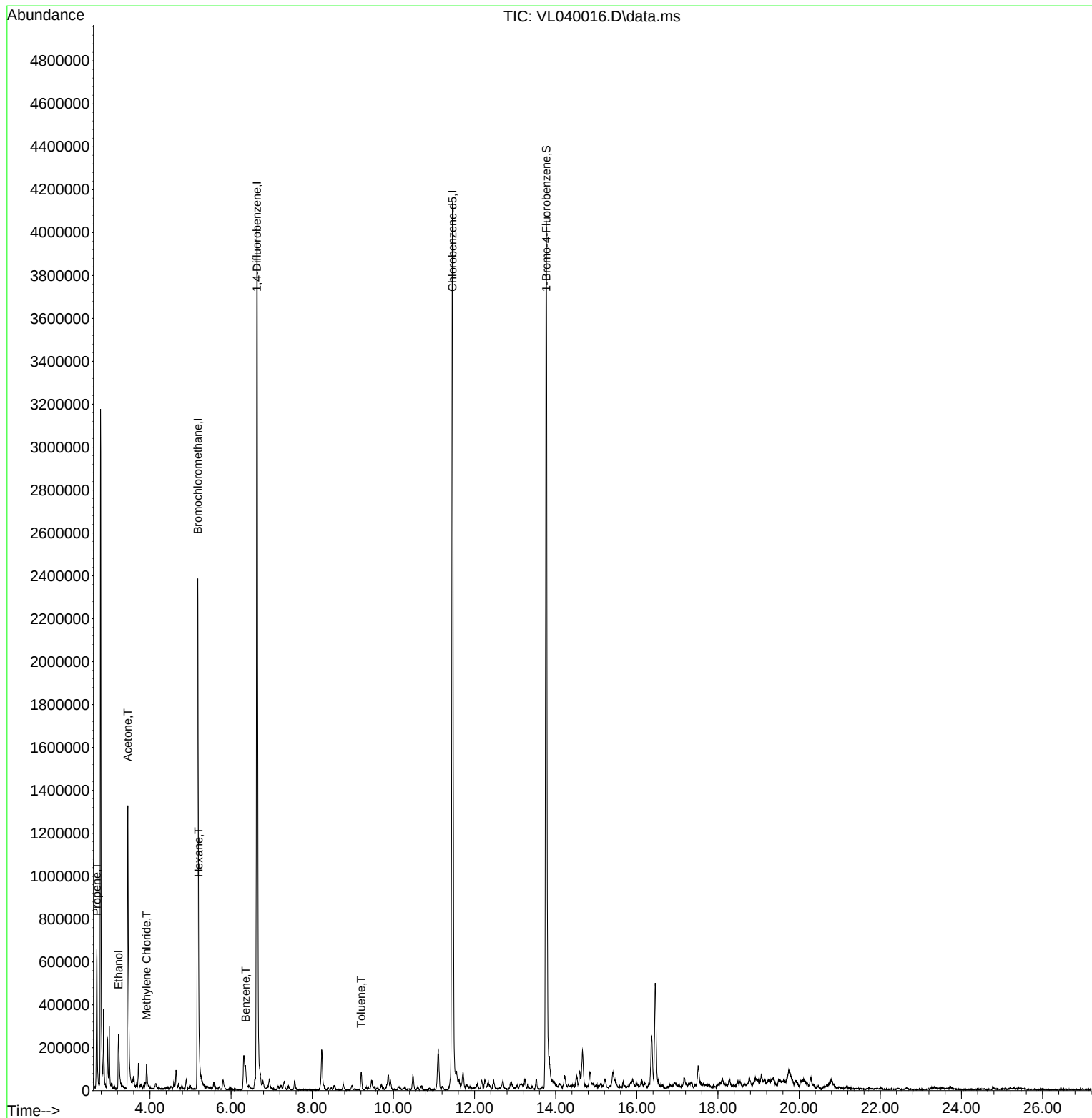
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121322\
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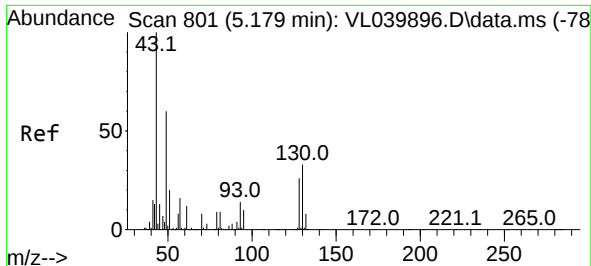
Instrument :
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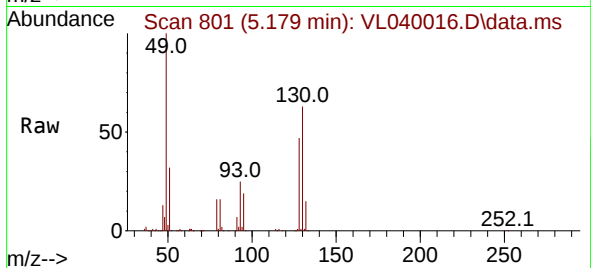
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.023 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11

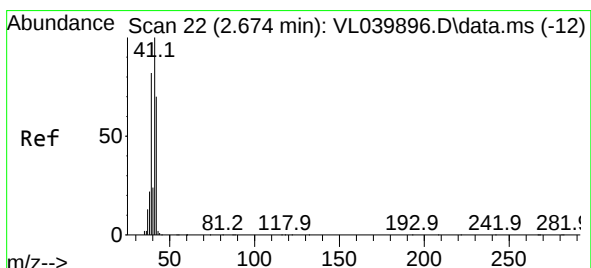
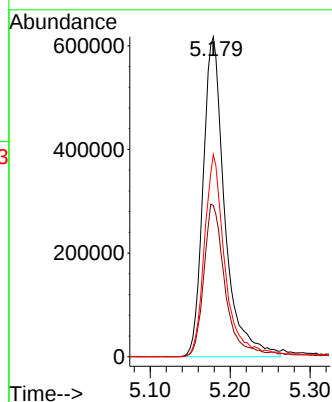
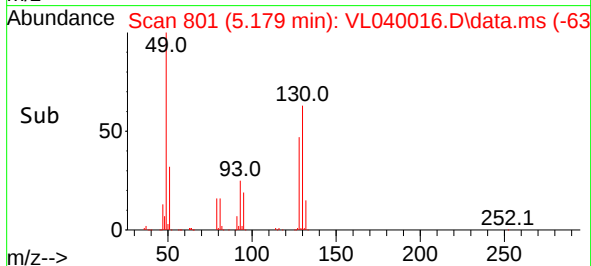
Instrument :
MSVOA_L
ClientSampleId :
SS-4DL



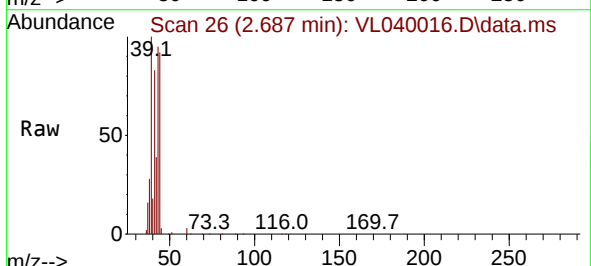
Tgt Ion: 49 Resp: 116413
Ion Ratio Lower Upper
49 100
128 48.7 22.1 66.3
130 61.8 27.7 83.1

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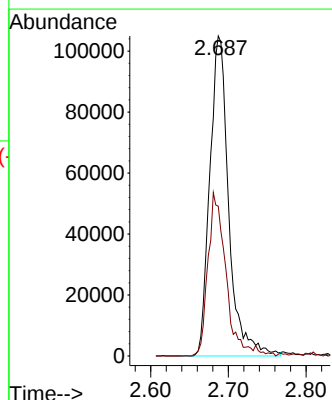
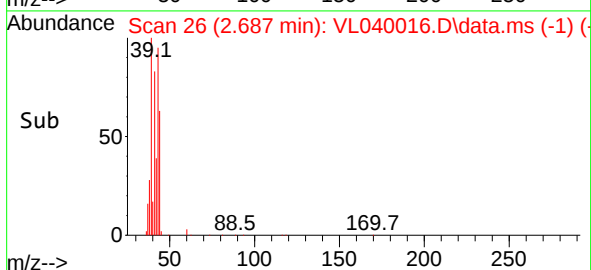
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

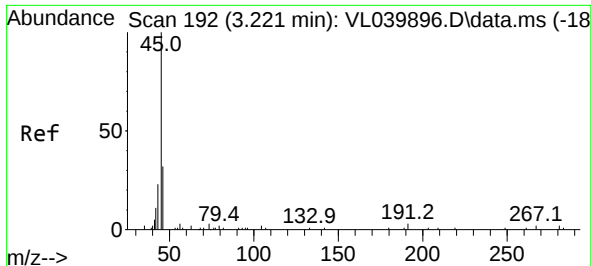


#9
Propene
Concen: 2.350 ppbv m
RT: 2.687 min Scan# 26
Delta R.T. 0.026 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11



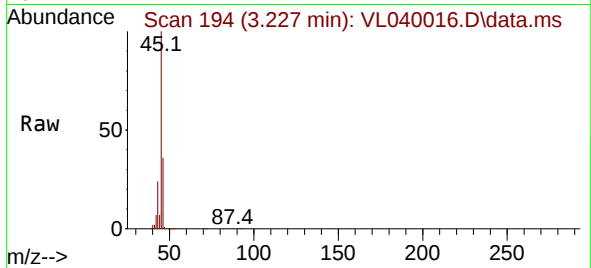
Tgt Ion: 41 Resp: 177842
Ion Ratio Lower Upper
41 100
42 35.4 55.8 83.6





#13
Ethanol
Concen: 50.971 ppbv
RT: 3.227 min Scan# 192
Delta R.T. 0.013 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11

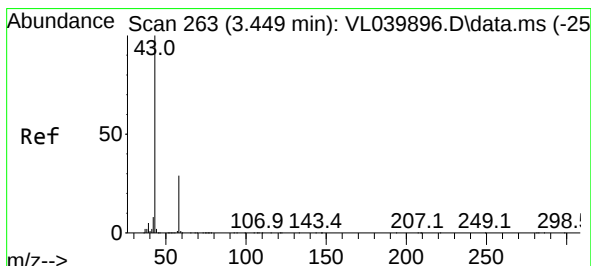
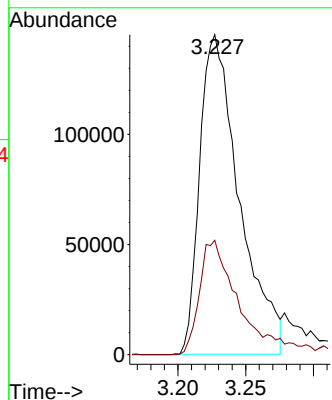
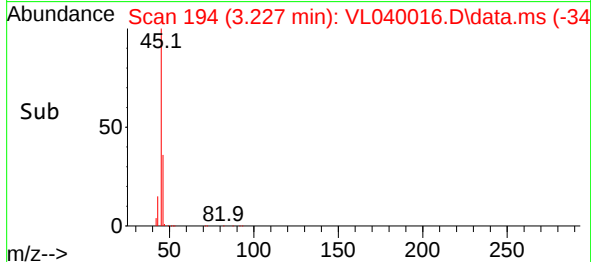
Instrument :
MSVOA_L
ClientSampleId :
SS-4DL



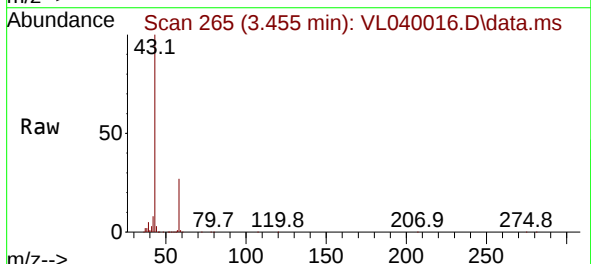
Tgt Ion: 45 Resp: 294468
Ion Ratio Lower Upper
45 100
46 39.2 14.6 58.2

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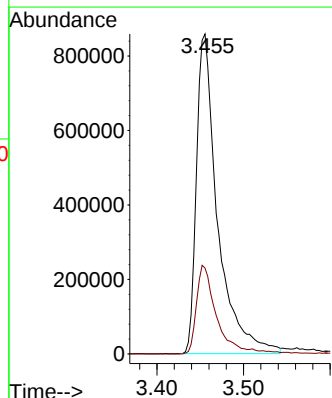
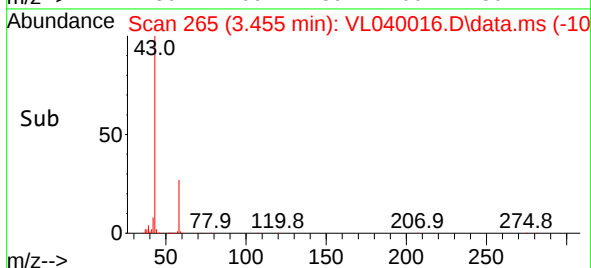
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

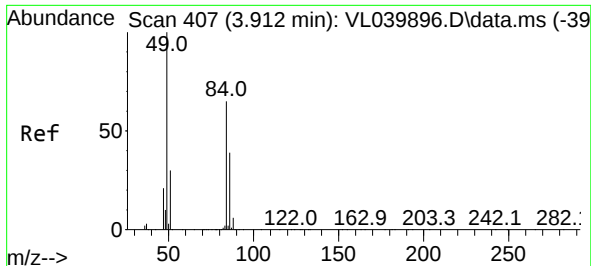


#15
Acetone
Concen: 9.437 ppbv
RT: 3.455 min Scan# 265
Delta R.T. 0.023 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11



Tgt Ion: 43 Resp: 1457114
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3





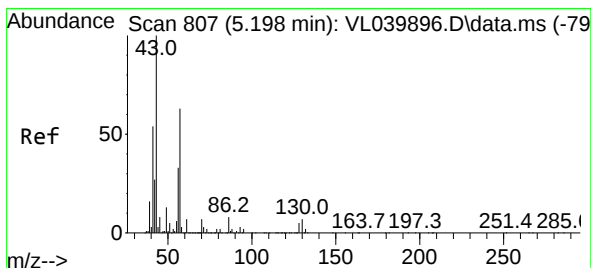
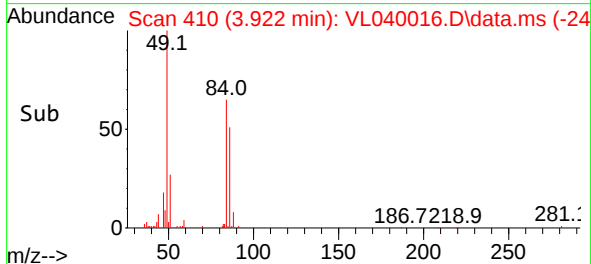
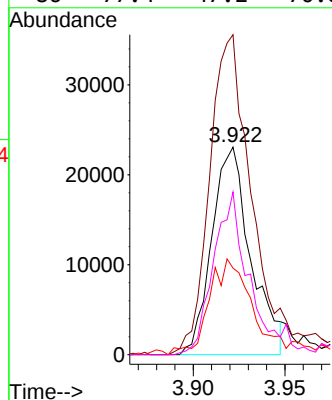
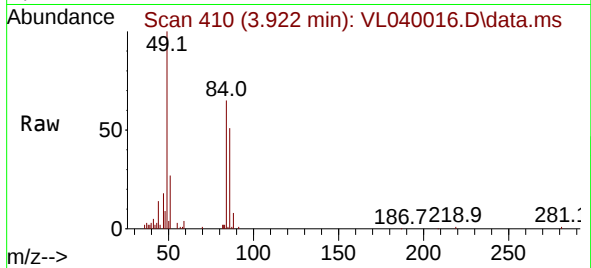
#20
Methylene Chloride
Concen: 0.455 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.026 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11

Instrument :
MSVOA_L
ClientSampleId :
SS-4DL

Tgt Ion: 84 Resp: 34028
Ion Ratio Lower Upper
84 100
49 151.2 122.2 183.4
51 38.8 36.3 54.5
86 77.4 47.2 70.8#

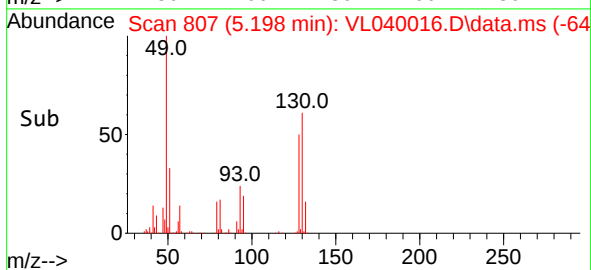
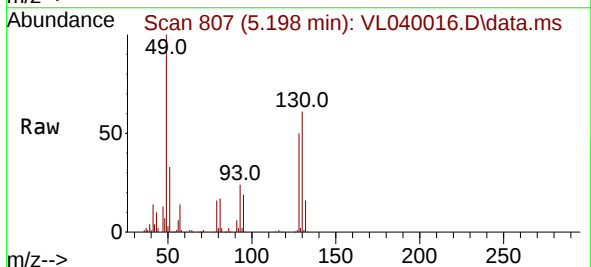
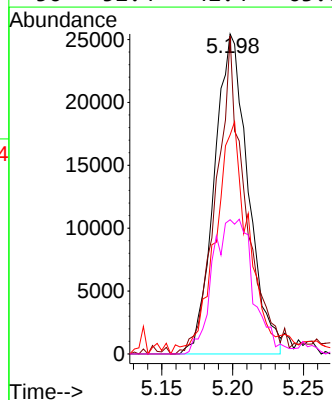
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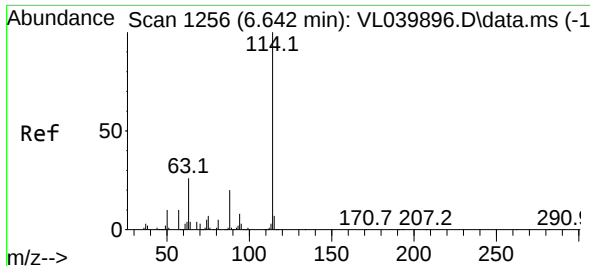
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#26
Hexane
Concen: 0.341 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.023 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11

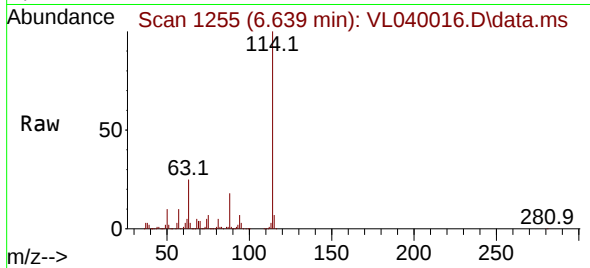
Tgt Ion: 57 Resp: 42275
Ion Ratio Lower Upper
57 100
41 88.6 72.3 108.5
43 78.7 188.7 283.1#
56 52.4 42.4 63.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1167
Delta R.T. 0.019 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11

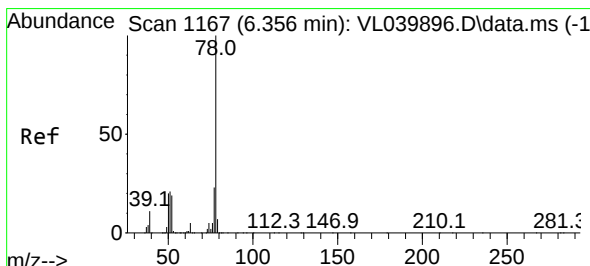
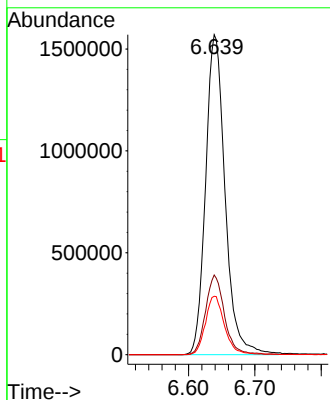
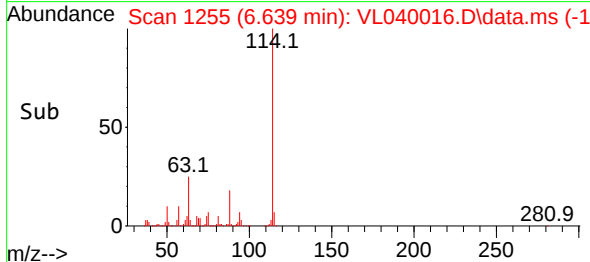
Instrument :
MSVOA_L
ClientSampleId :
SS-4DL



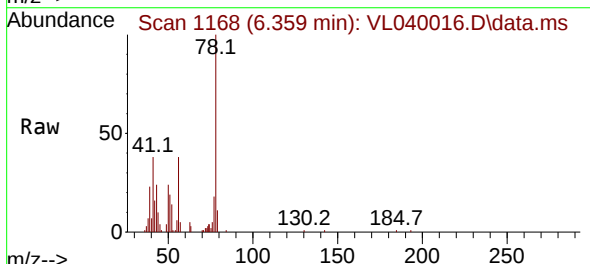
Tgt Ion:114 Resp: 320261
Ion Ratio Lower Upper
114 100
63 24.4 21.4 32.0
88 18.0 15.3 22.9

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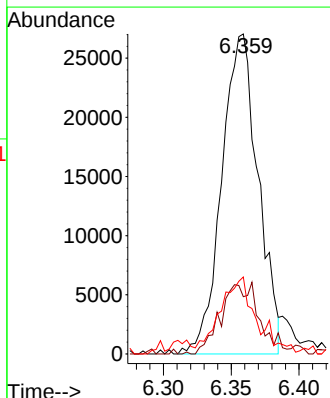
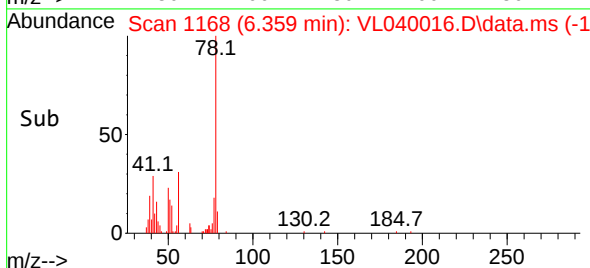
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

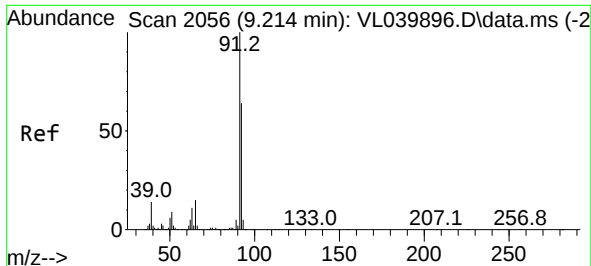


#36
Benzene
Concen: 0.186 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.026 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11



Tgt Ion: 78 Resp: 50500
Ion Ratio Lower Upper
78 100
77 18.1 18.2 27.2#
50 20.9 15.8 23.8





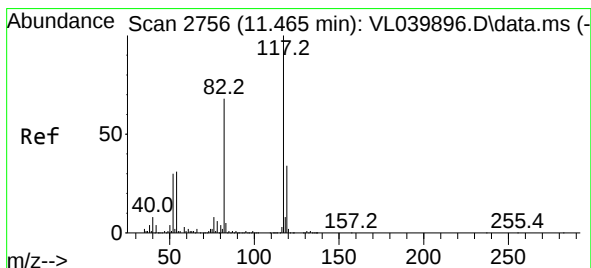
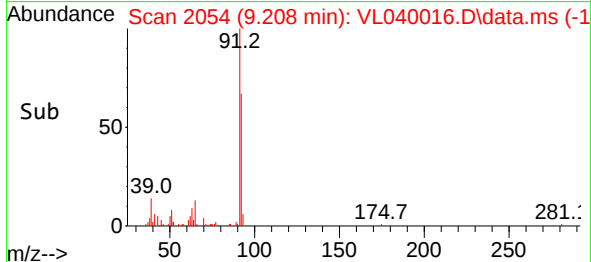
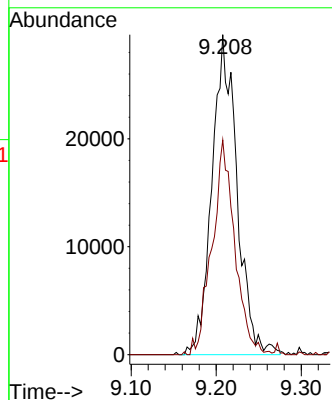
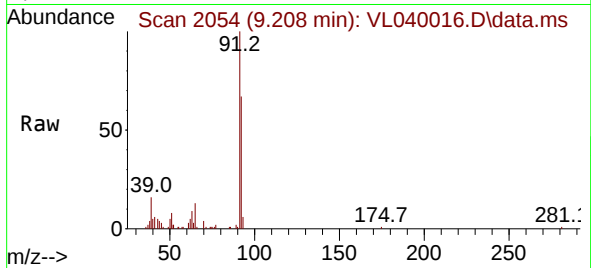
#53
Toluene
Concen: 0.195 ppbv m
RT: 9.208 min Scan# 2056
Delta R.T. 0.023 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11

Instrument :
MSVOA_L
ClientSampleId :
SS-4DL

Tgt Ion: 91 Resp: 60570
Ion Ratio Lower Upper
91 100
92 61.6 49.8 74.6

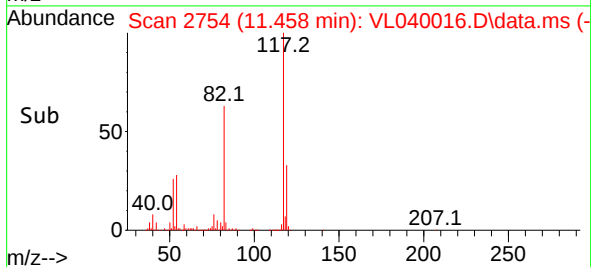
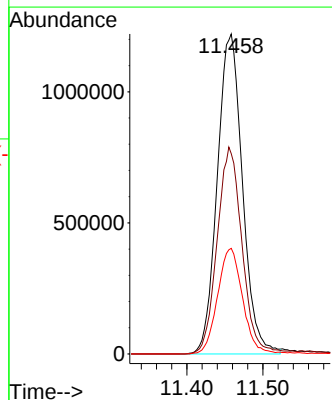
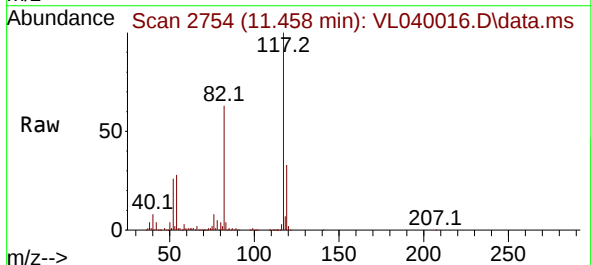
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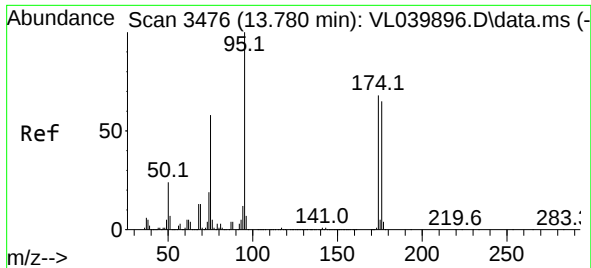
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.026 min
Lab File: VL040016.D
Acq: 13 Dec 2022 22:11

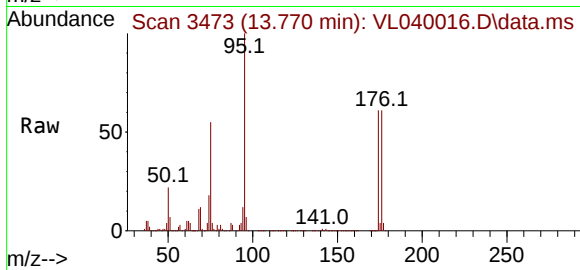
Tgt Ion:117 Resp: 2807342
Ion Ratio Lower Upper
117 100
82 64.0 52.3 78.5
119 33.0 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.927 ppbv
 RT: 13.770 min Scan# 3476
 Delta R.T. 0.029 min
 Lab File: VL040016.D
 Acq: 13 Dec 2022 22:11

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4DL



Tgt Ion: 95 Resp: 212855
 Ion Ratio Lower Upper
 95 100
 174 64.0 53.7 80.5
 175 4.5 4.0 6.0

Manual Integrations
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