

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040414.D
 Acq On : 12 May 2023 9:01
 Operator : SY/MD
 Sample : 02761-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-03-20230511DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023

Quant Time: May 12 15:57:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1148766	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.639	114	3008386	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2650417	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2065215	9.423	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds						
					Qvalue	
9) Propene	2.674	41	68068	1.148	ppbv	97
11) Trichlorofluoromethane	3.542	101	12845m	0.061	ppbv	
13) Ethanol	3.234	45	46977	9.489	ppbv	91
15) Acetone	3.449	43	810936	4.984	ppbv #	68
34) 2-Butanone	4.774	43	588494	3.628	ppbv	98
53) Toluene	9.214	91	22104m	0.085	ppbv	

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

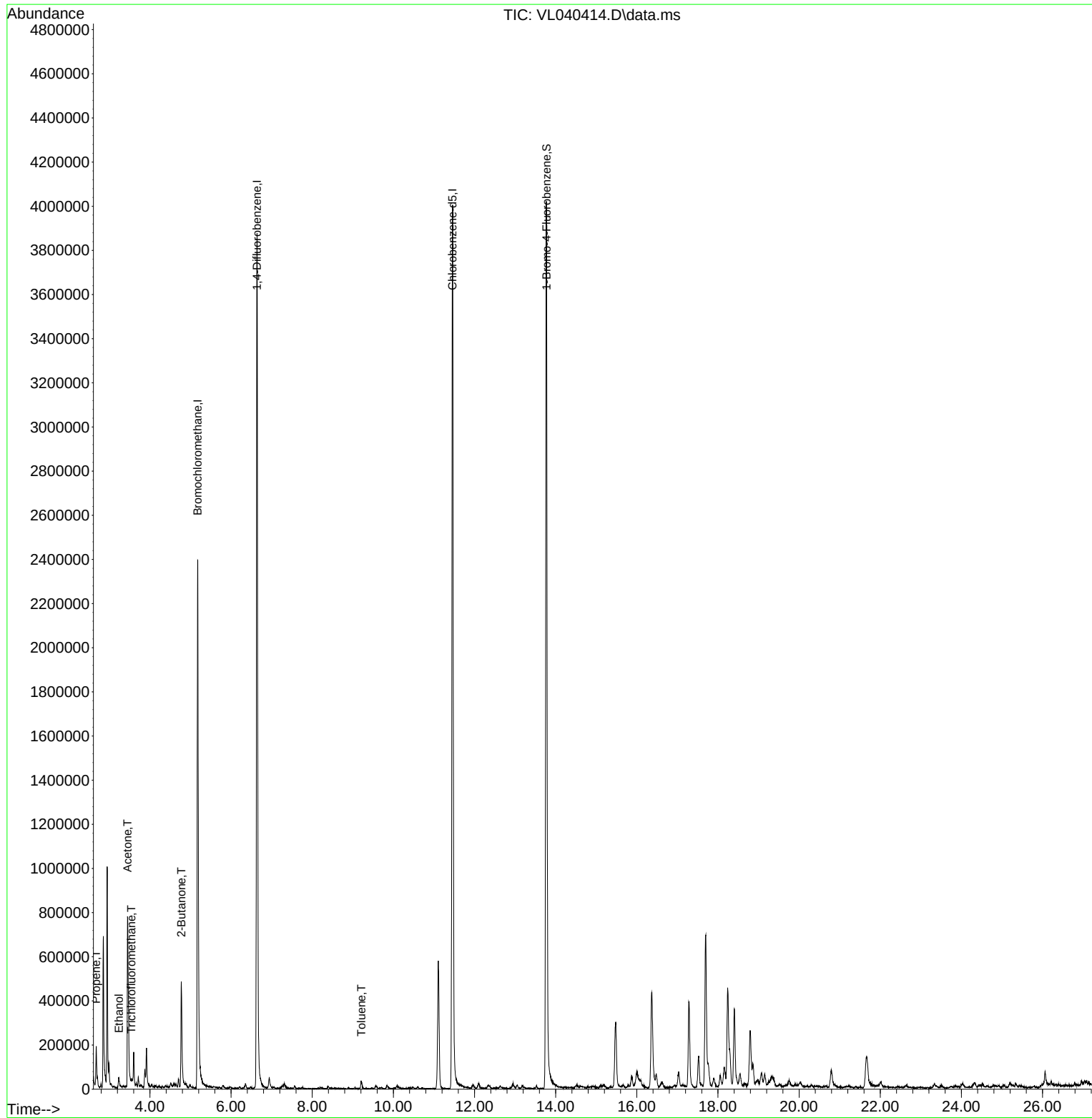
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
Data File : VL040414.D
Acq On : 12 May 2023 9:01
Operator : SY/MD
Sample : 02761-01DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

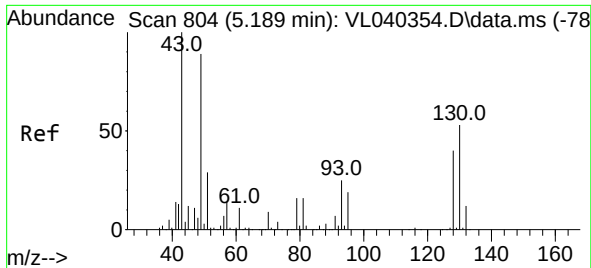
Instrument :
MSVOA_L
ClientSampleId :
SV-03-20230511DL

Quant Time: May 12 15:57:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

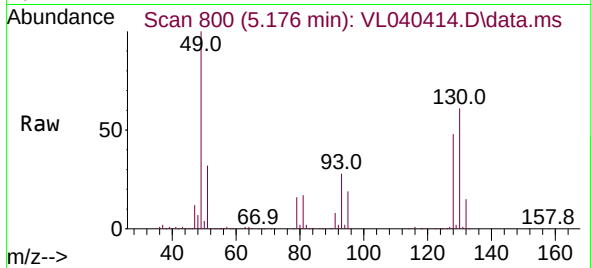
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

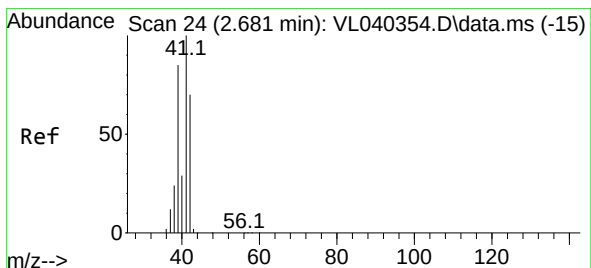
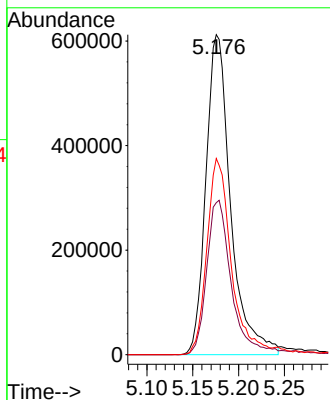
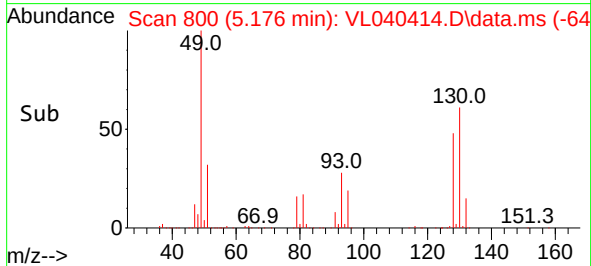
Instrument :
MSVOA_L
ClientSampleId :
SV-03-20230511DL



Tgt Ion: 49 Resp: 114876
Ion Ratio Lower Upper
49 100
128 49.2 23.7 71.1
130 63.0 29.9 89.8

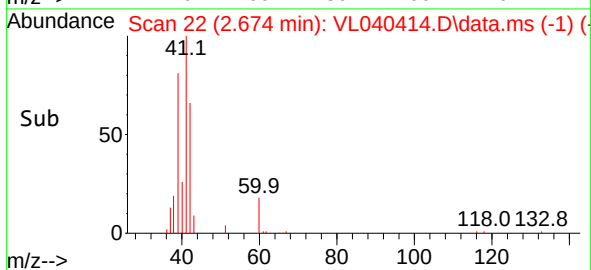
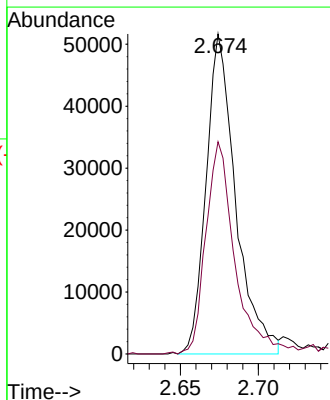
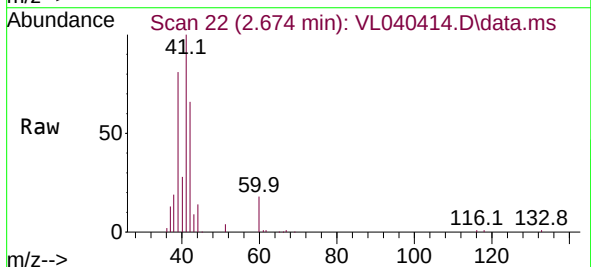
Manual Integrations
APPROVED

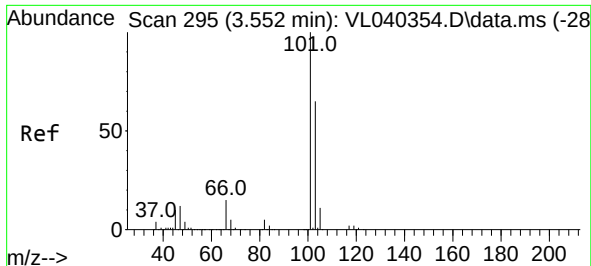
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#9
Propene
Concen: 1.148 ppbv
RT: 2.674 min Scan# 22
Delta R.T. -0.007 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

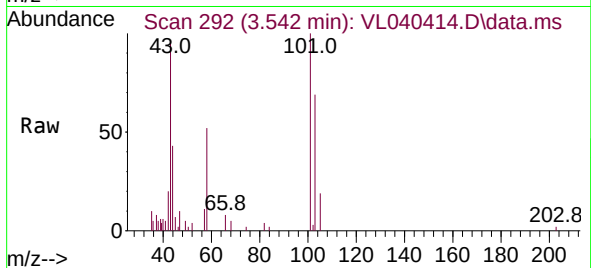
Tgt Ion: 41 Resp: 68068
Ion Ratio Lower Upper
41 100
42 68.2 56.5 84.7





#11
Trichlorofluoromethane
Concen: 0.061 ppbv m
RT: 3.542 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

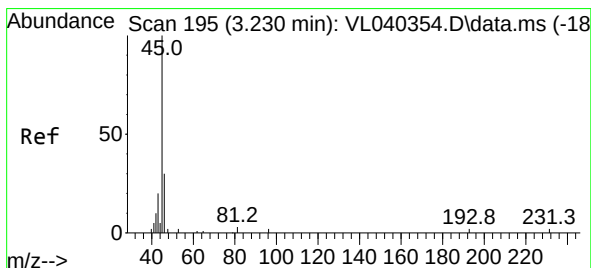
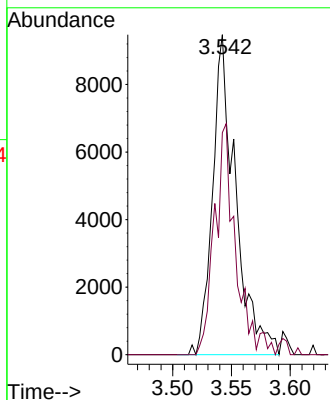
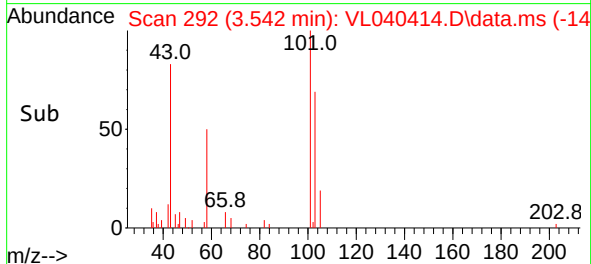
Instrument :
MSVOA_L
ClientSampleId :
SV-03-20230511DL



Tgt Ion: 101 Resp: 1284
Ion Ratio Lower Upper
101 100
103 69.4 52.2 78.4

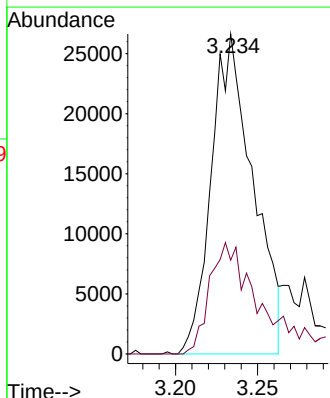
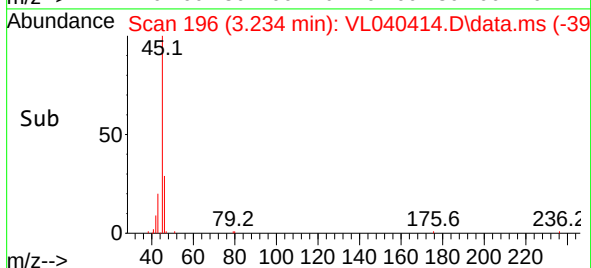
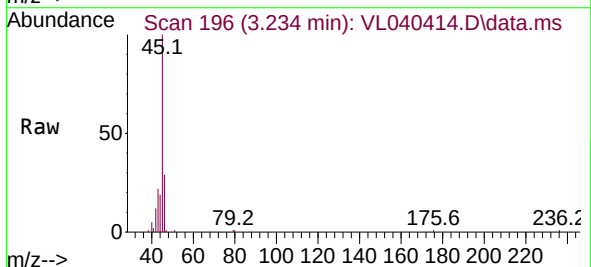
Manual Integrations
APPROVED

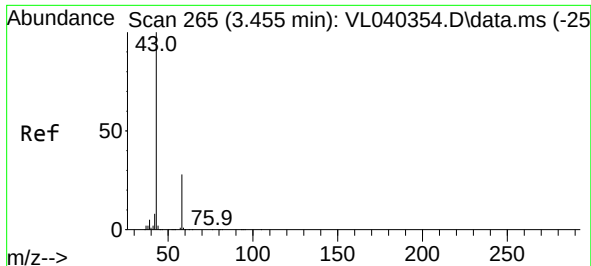
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#13
Ethanol
Concen: 9.489 ppbv
RT: 3.234 min Scan# 196
Delta R.T. 0.004 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

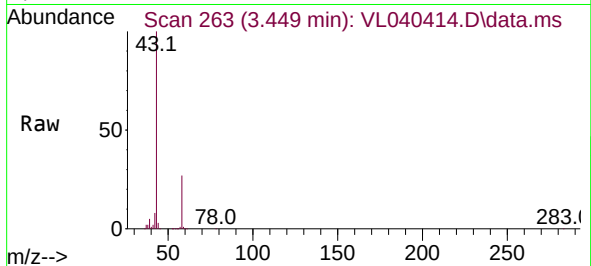
Tgt Ion: 45 Resp: 46977
Ion Ratio Lower Upper
45 100
46 43.9 15.3 61.3





#15
Acetone
Concen: 4.984 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

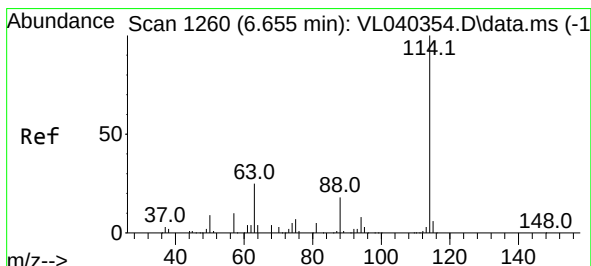
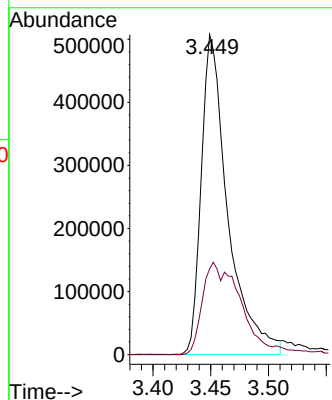
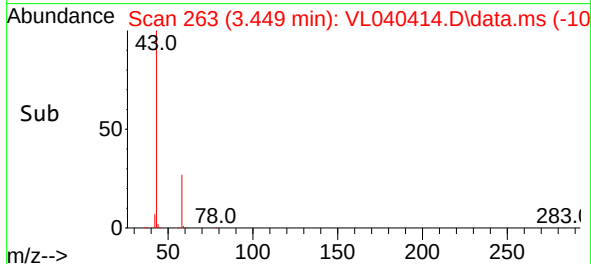
Instrument :
MSVOA_L
ClientSampleId :
SV-03-20230511DL



Tgt Ion: 43 Resp: 810930
Ion Ratio Lower Upper
43 100
58 44.4 22.2 33.2

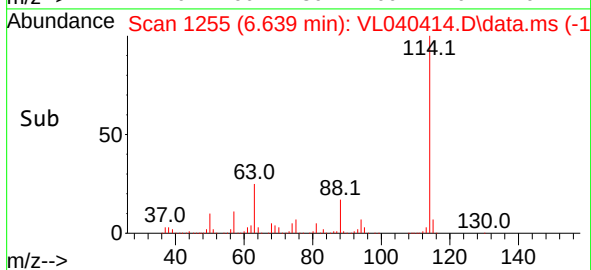
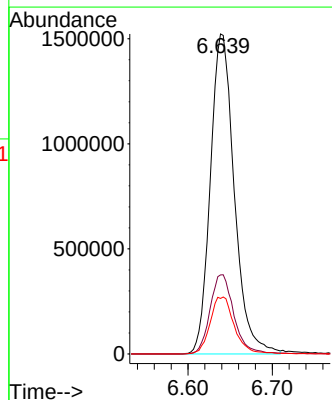
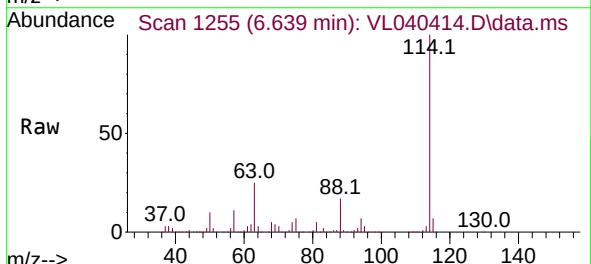
Manual Integrations
APPROVED

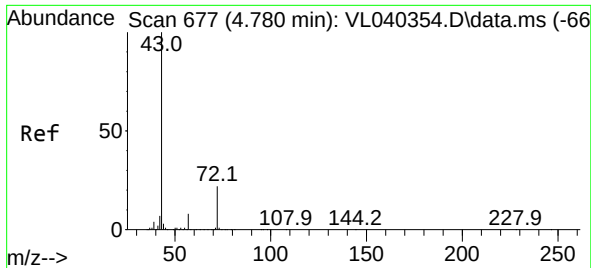
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

Tgt Ion:114 Resp: 3008386
Ion Ratio Lower Upper
114 100
63 24.9 21.4 32.0
88 18.2 14.6 22.0





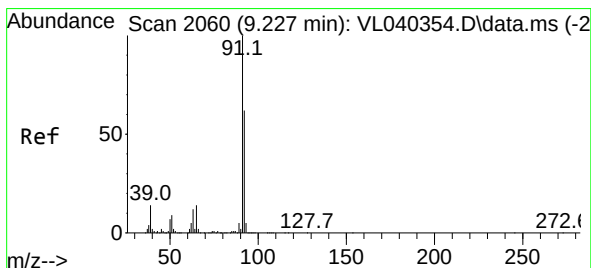
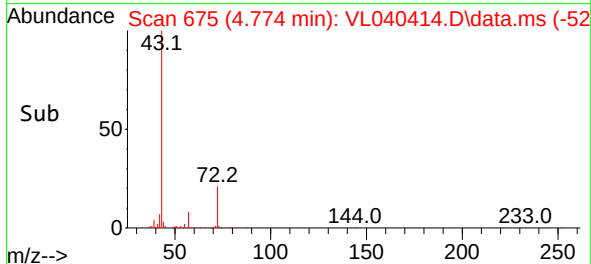
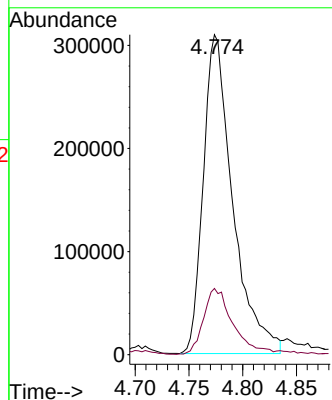
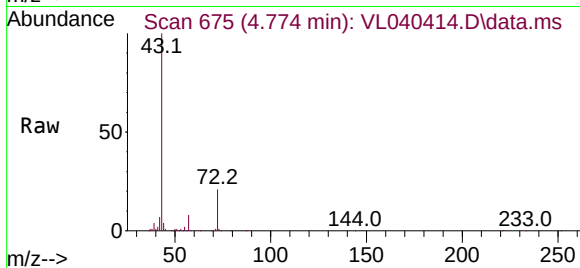
#34
2-Butanone
Concen: 3.628 ppbv
RT: 4.774 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

Instrument :
MSVOA_L
ClientSampleId :
SV-03-20230511DL

Tgt Ion: 43 Resp: 588494
Ion Ratio Lower Upper
43 100
72 21.9 18.4 27.6

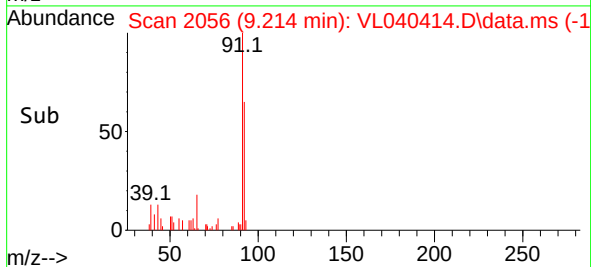
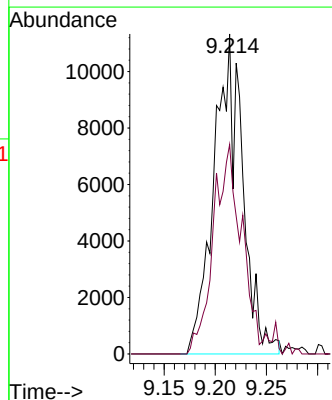
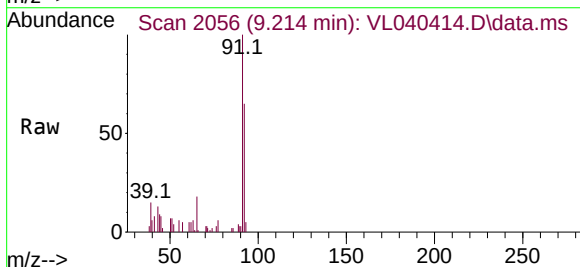
Manual Integrations
APPROVED

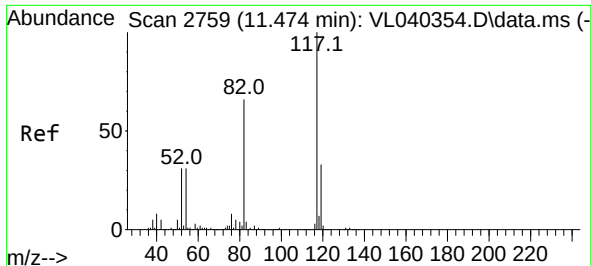
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#53
Toluene
Concen: 0.085 ppbv m
RT: 9.214 min Scan# 2056
Delta R.T. -0.013 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

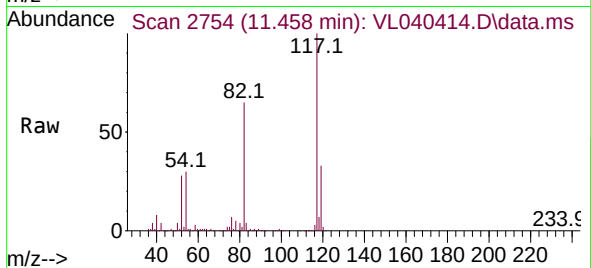
Tgt Ion: 91 Resp: 22104
Ion Ratio Lower Upper
91 100
92 0.0 48.9 73.3#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

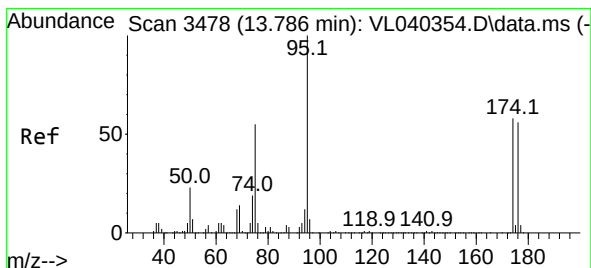
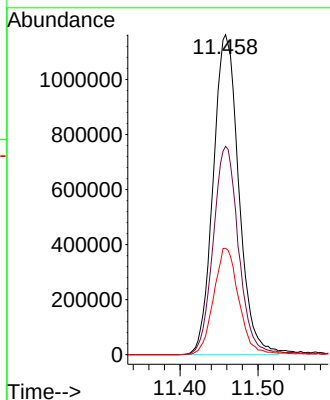
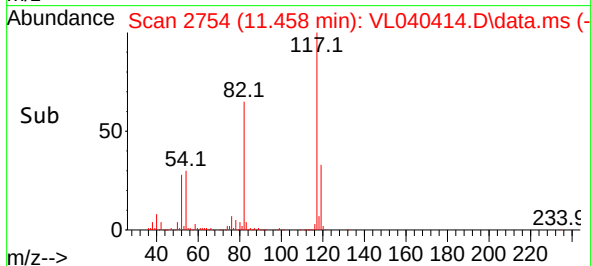
Instrument :
MSVOA_L
ClientSampleId :
SV-03-20230511DL



Tgt Ion: 117 Resp: 265041
Ion Ratio Lower Upper
117 100
82 65.6 52.5 78.7
119 33.2 24.3 36.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.423 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.013 min
Lab File: VL040414.D
Acq: 12 May 2023 9:01

Tgt Ion: 95 Resp: 2065215
Ion Ratio Lower Upper
95 100
174 61.9 47.2 70.8
175 4.4 3.5 5.3

