

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039313.D
 Acq On : 16 Jun 2022 2:44
 Operator : SY/AP
 Sample : N3338-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:39:57 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.655	49	1188905	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	3340285	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	3006304	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2322753	9.346	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.044	85	21819	0.104	ppbv	100
3) Chlorodifluoromethane	2.980	51	24304m	0.161	ppbv	
4) Chloromethane	3.134	50	10416m	0.134	ppbv	
9) Propene	3.009	41	23273m	0.353	ppbv	
13) Ethanol	3.597	45	91607m	25.466	ppbv	
15) Acetone	3.845	43	290772m	2.348	ppbv	
19) Isopropyl Alcohol	3.973	45	38056m	0.655	ppbv	
20) Methylene Chloride	4.333	84	52179	1.000	ppbv	96
26) Hexane	5.681	57	62668	0.511	ppbv #	41
34) 2-Butanone	5.250	43	21853m	0.120	ppbv	
53) Toluene	9.783	91	61234m	0.196	ppbv	

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

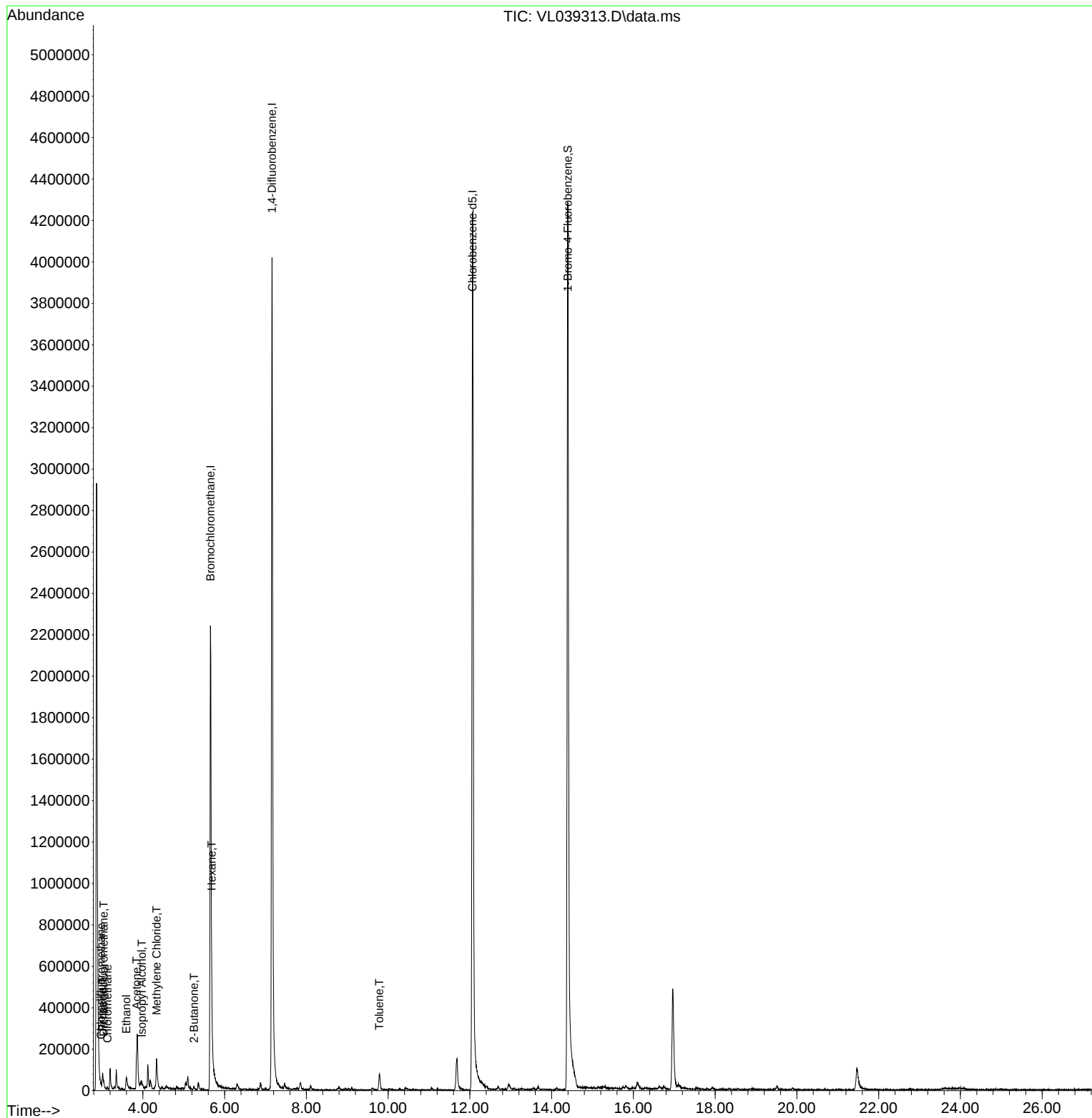
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
Data File : VL039313.D
Acq On : 16 Jun 2022 2:44
Operator : SY/AP
Sample : N3338-03DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

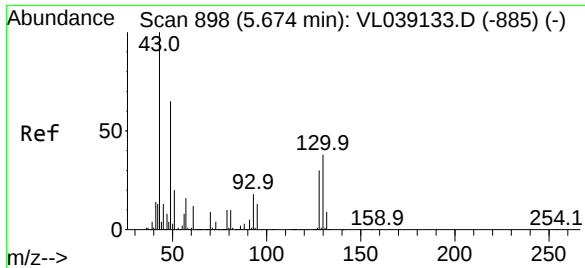
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
Supervised By : Mahesh Dadoda 06/17/2022

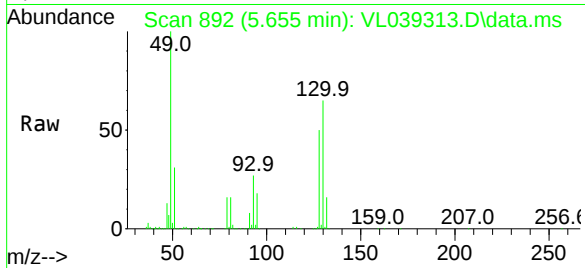
Quant Time: Jun 16 04:39:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

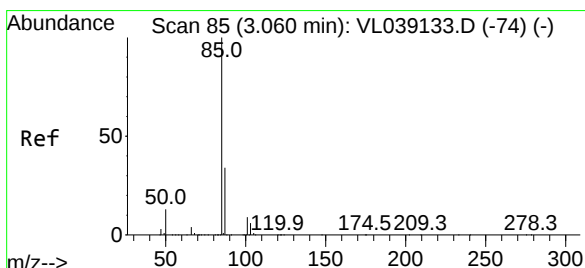
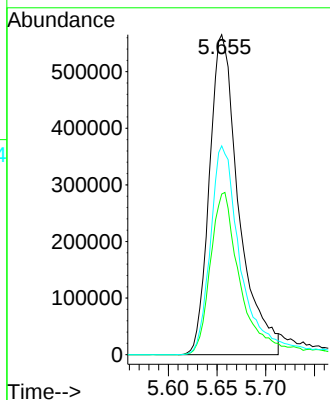
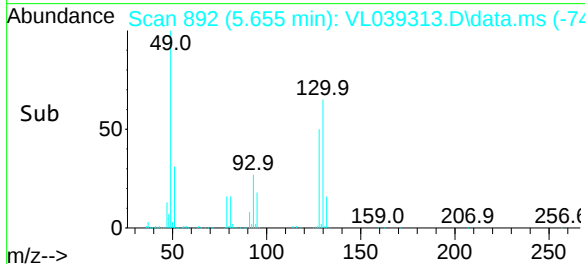
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 118890
Ion Ratio Lower Upper
49 100
128 54.3 24.7 74.1
130 70.2 31.4 94.0

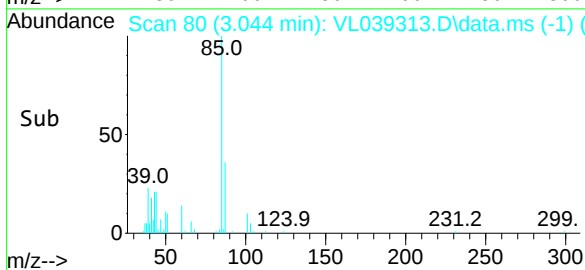
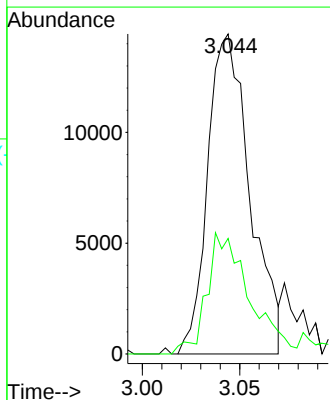
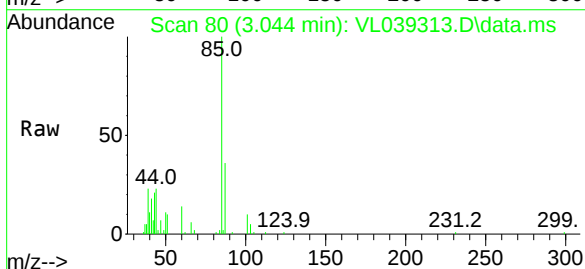
Manual Integrations
APPROVED

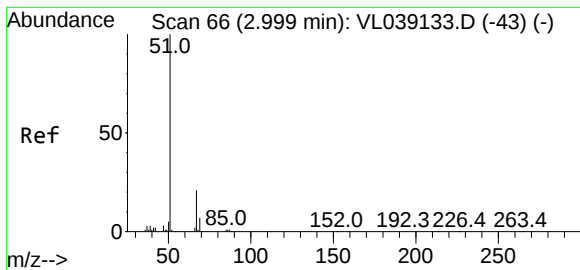
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#2
Dichlorodifluoromethane
Concen: 0.104 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Tgt Ion: 85 Resp: 21819
Ion Ratio Lower Upper
85 100
87 33.7 26.9 40.3





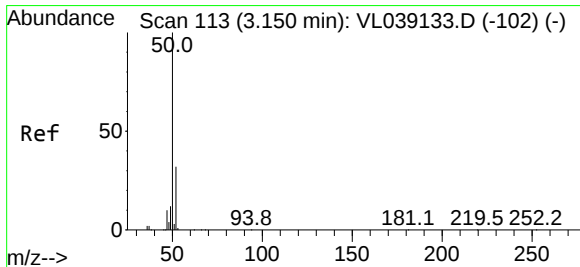
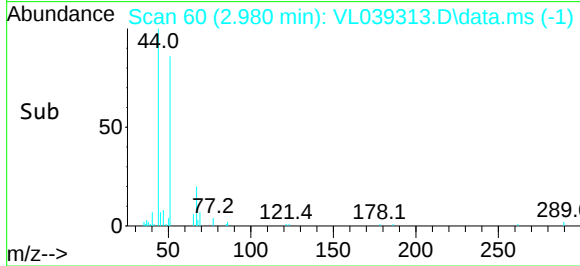
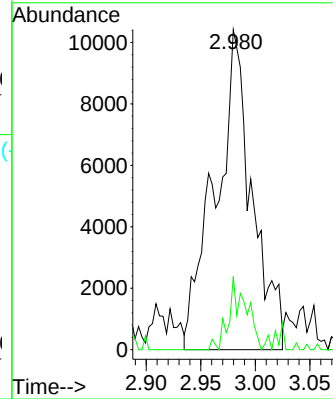
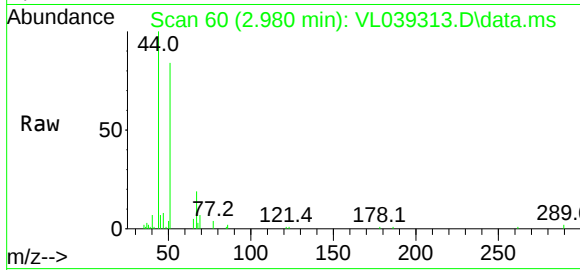
#3
Chlorodifluoromethane
Concen: 0.161 ppbv m
RT: 2.980 min Scan# 60
Delta R.T. -0.019 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 51 Resp: 24304
Ion Ratio Lower Upper
51 100
67 2.4 16.2 24.4

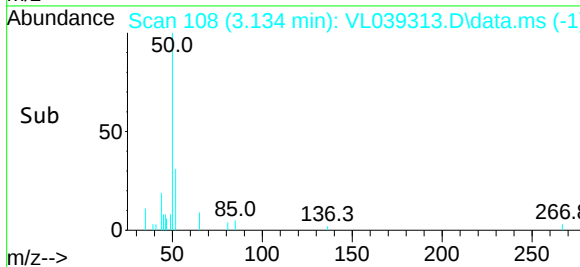
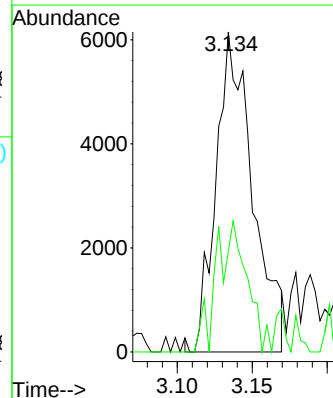
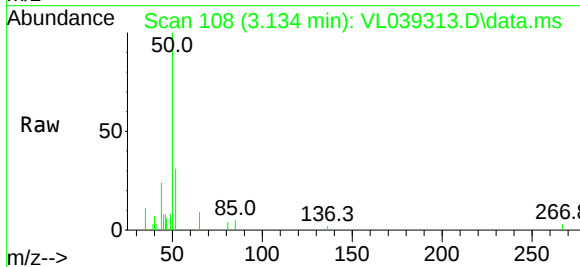
Manual Integrations
APPROVED

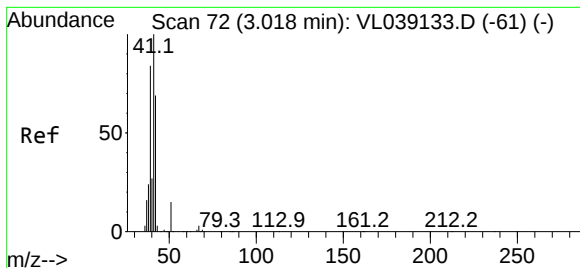
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#4
Chloromethane
Concen: 0.134 ppbv m
RT: 3.134 min Scan# 108
Delta R.T. -0.016 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Tgt Ion: 50 Resp: 10416
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9





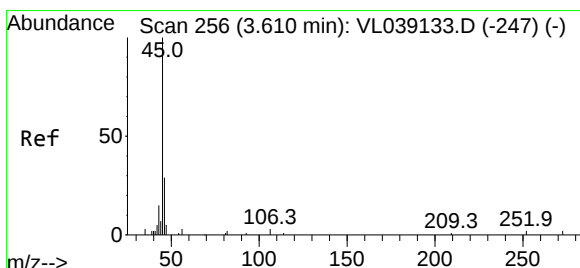
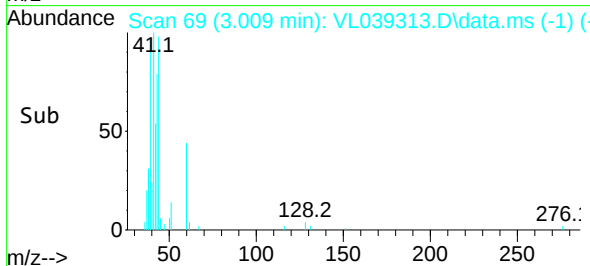
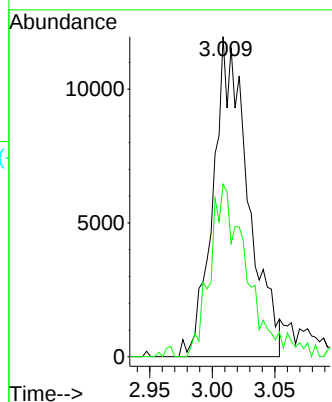
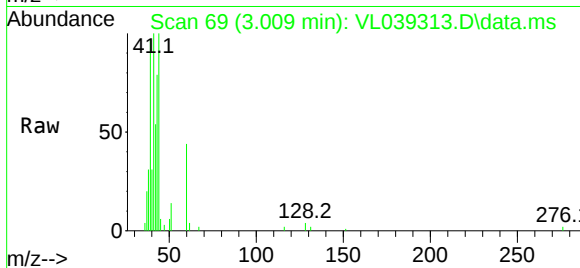
#9
Propene
Concen: 0.353 ppbv m
RT: 3.009 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 41 Resp: 2327
Ion Ratio Lower Upper
41 100
42 58.3 55.4 83.2

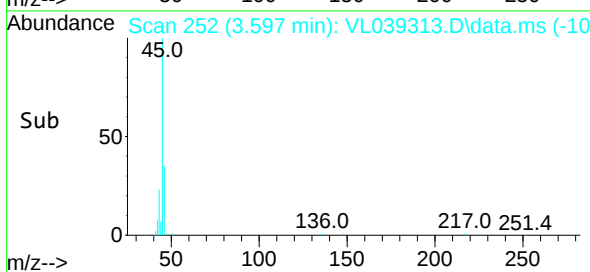
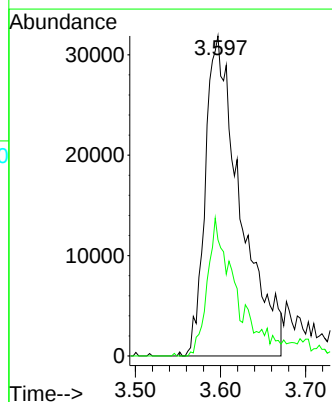
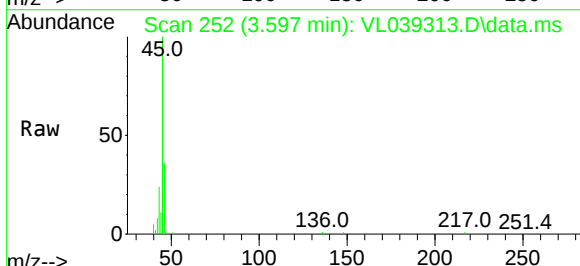
Manual Integrations
APPROVED

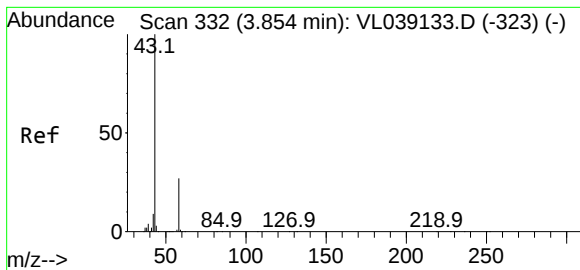
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#13
Ethanol
Concen: 25.466 ppbv m
RT: 3.597 min Scan# 252
Delta R.T. -0.013 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Tgt Ion: 45 Resp: 91607
Ion Ratio Lower Upper
45 100
46 40.0 0.0 0.0#





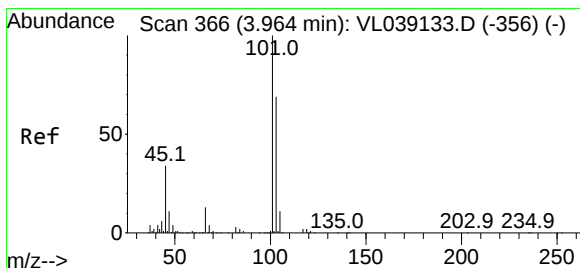
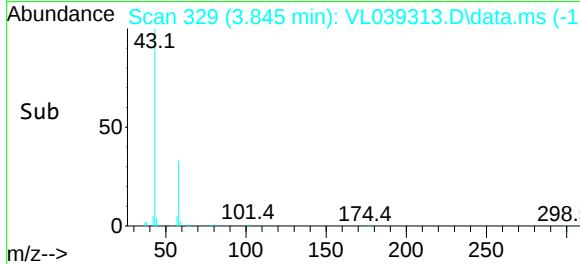
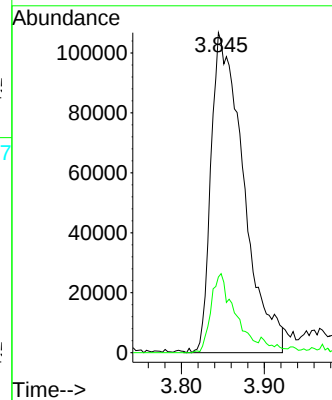
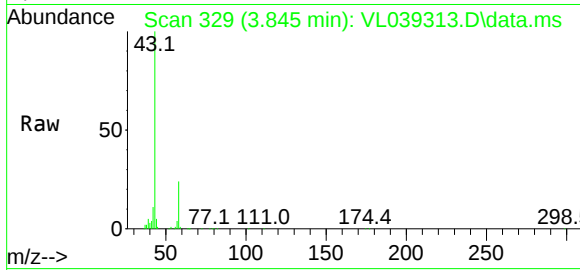
#15
Acetone
Concen: 2.348 ppbv m
RT: 3.845 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 290772
Ion Ratio Lower Upper
43 100
58 20.5 22.5 33.7

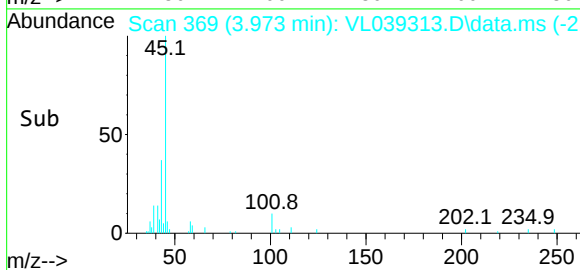
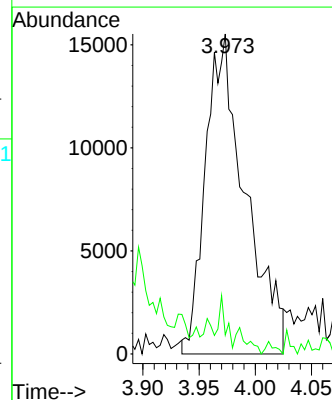
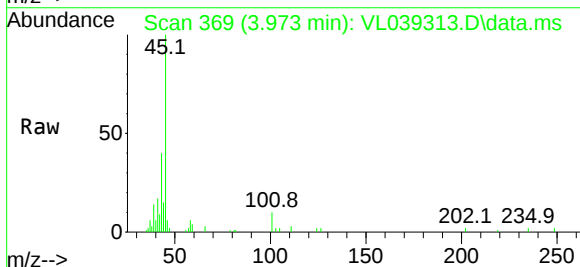
Manual Integrations
APPROVED

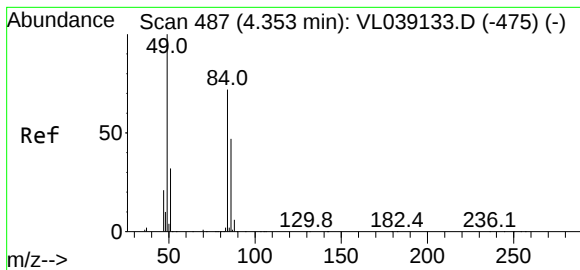
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#19
Isopropyl Alcohol
Concen: 0.655 ppbv m
RT: 3.973 min Scan# 369
Delta R.T. 0.010 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Tgt Ion: 45 Resp: 38056
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8





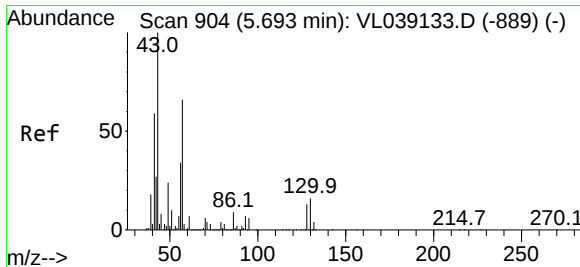
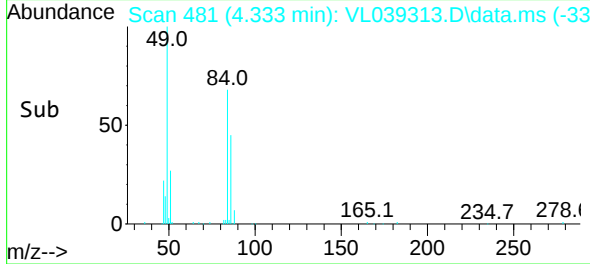
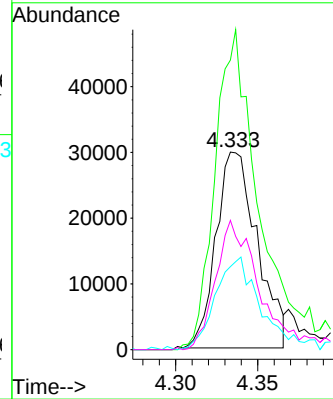
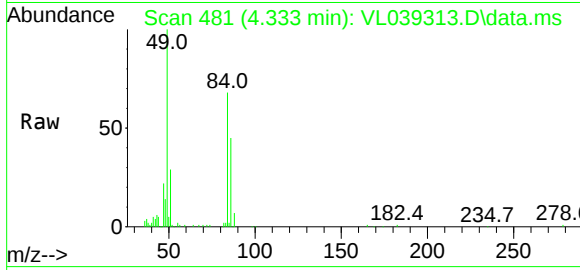
#20
Methylene Chloride
Concen: 1.000 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.019 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 84	Resp: 52179
Ion Ratio	Lower Upper
84 100	
49 145.4	111.1 166.7
51 41.6	35.3 52.9
86 66.1	51.9 77.9

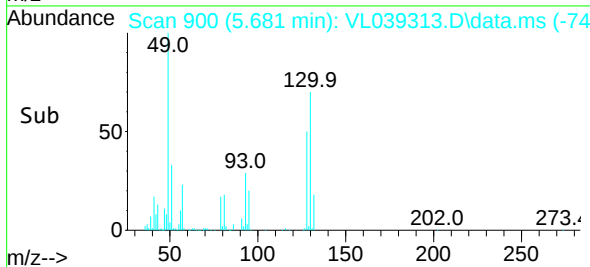
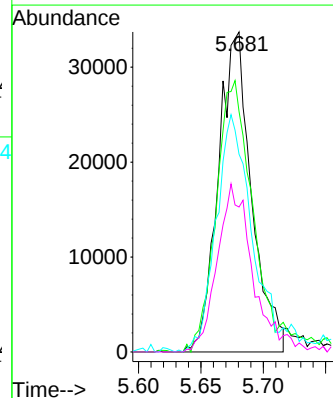
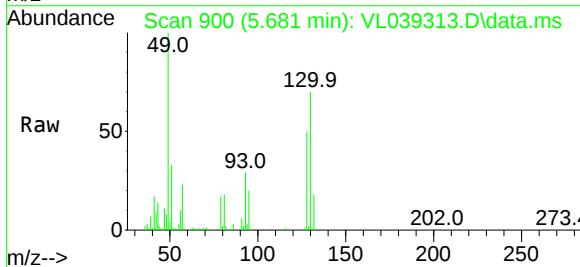
Manual Integrations
APPROVED

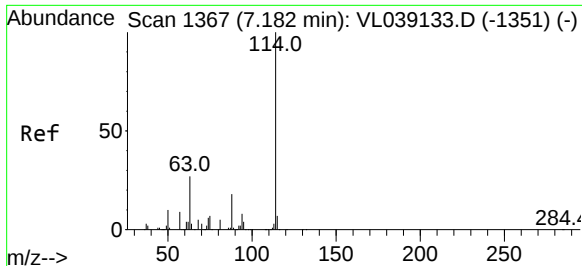
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#26
Hexane
Concen: 0.511 ppbv
RT: 5.681 min Scan# 900
Delta R.T. -0.013 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

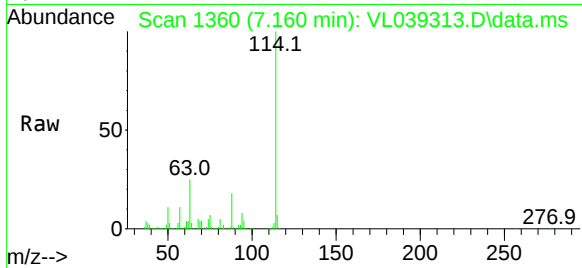
Tgt Ion: 57	Resp: 62668
Ion Ratio	Lower Upper
57 100	
41 99.5	72.4 108.6
43 83.7	187.0 280.6#
56 56.0	41.8 62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

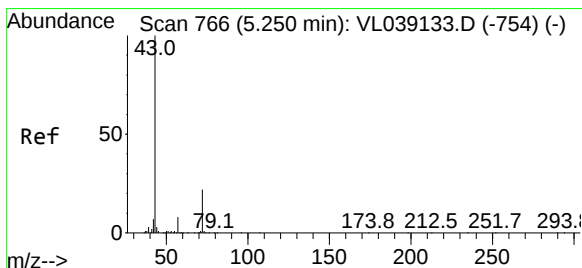
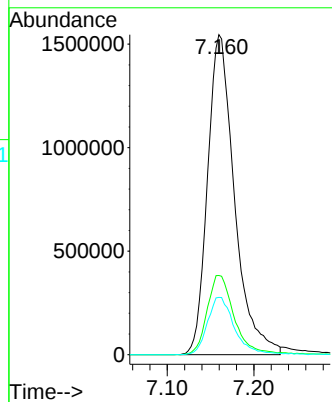
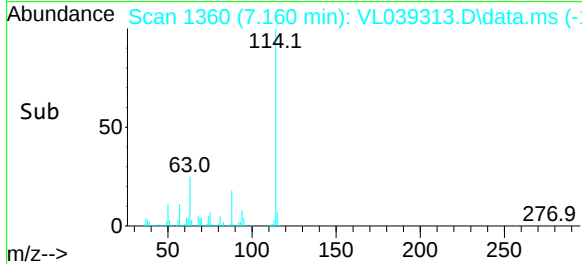
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion:114 Resp: 3340285
Ion Ratio Lower Upper
114 100
63 25.3 21.7 32.5
88 18.3 14.8 22.2

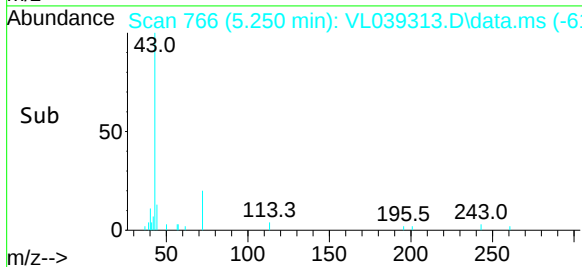
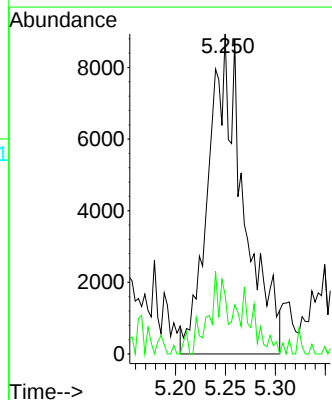
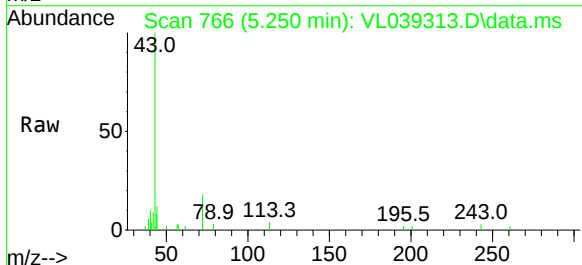
Manual Integrations
APPROVED

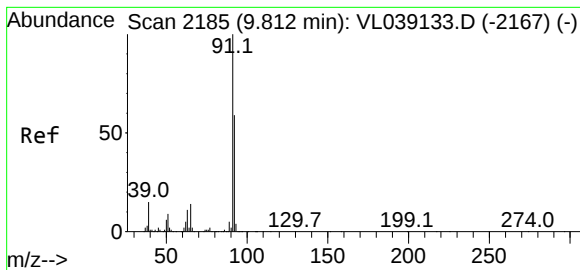
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#34
2-Butanone
Concen: 0.120 ppbv m
RT: 5.250 min Scan# 766
Delta R.T. -0.000 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Tgt Ion: 43 Resp: 21853
Ion Ratio Lower Upper
43 100
72 21.6 18.2 27.2





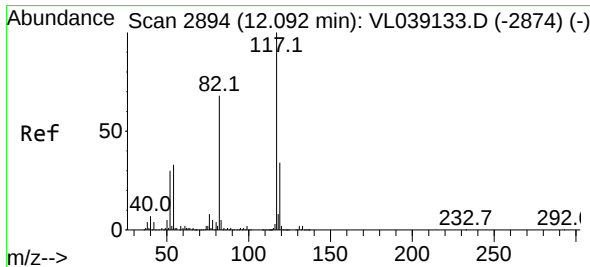
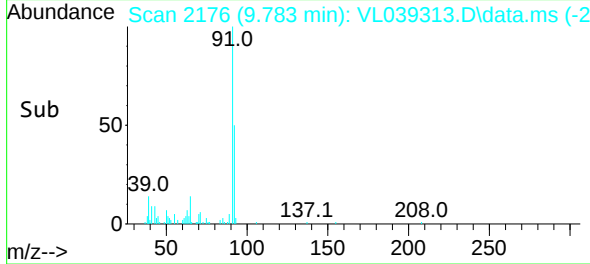
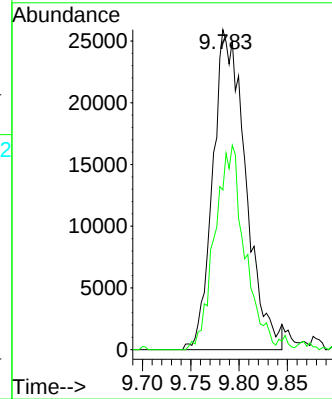
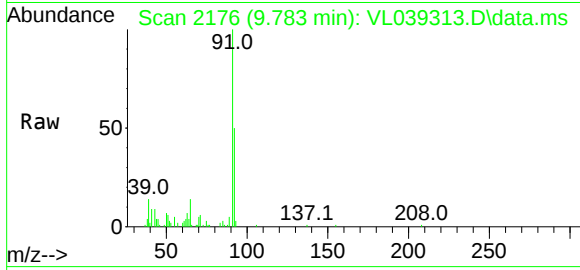
#53
Toluene
Concen: 0.196 ppbv m
RT: 9.783 min Scan# 2185
Delta R.T. -0.029 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 91 Resp: 61234
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1

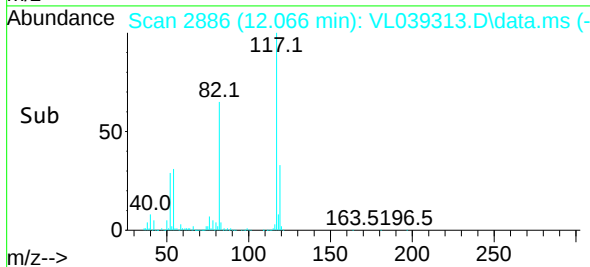
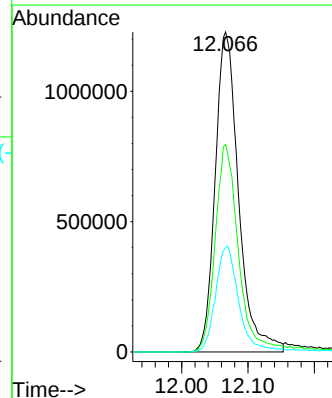
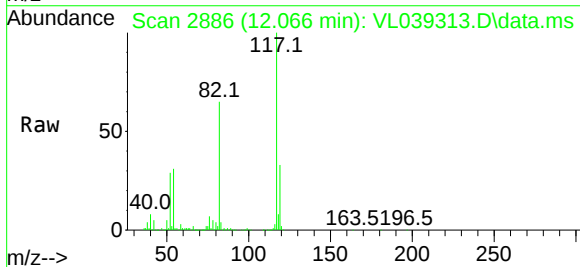
Manual Integrations
APPROVED

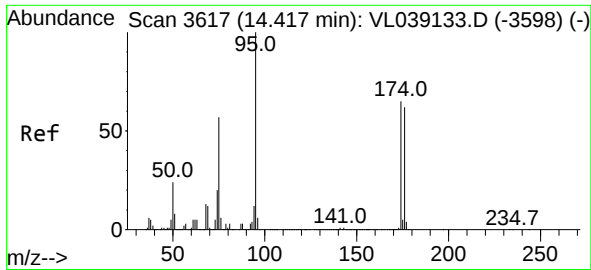
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.026 min
Lab File: VL039133.D
Acq: 16 Jun 2022 2:44

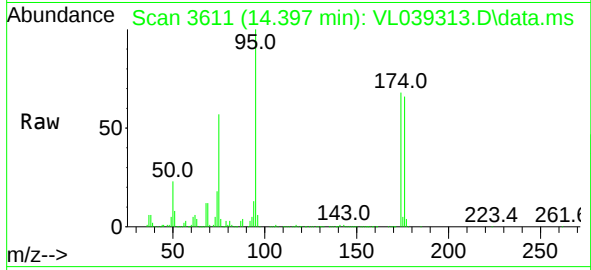
Tgt Ion:117 Resp: 3006304
Ion Ratio Lower Upper
117 100
82 66.7 55.1 82.7
119 34.0 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.346 ppbv
 RT: 14.397 min Scan# 30
 Delta R.T. -0.019 min
 Lab File: VL039313.D
 Acq: 16 Jun 2022 2:44

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL



Tgt Ion: 95 Resp: 232275
 Ion Ratio Lower Upper
 95 100
 174 70.5 53.8 80.8
 175 5.1 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

