

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039849.D
 Acq On : 9 Nov 2022 15:36
 Operator : SY/AP
 Sample : N5527-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10053-BASEMENT-BAR

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 03:49:11 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1044497	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2353035	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.432	117	2056218	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1582883	10.285	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.735	85	82955m	0.470	ppbv	
3) Chlorodifluoromethane	2.680	51	8376054	67.266	ppbv #	90
4) Chloromethane	2.815	50	41580	0.536	ppbv	92
9) Propene	2.713	41	755063	11.638	ppbv #	59
11) Trichlorofluoromethane	3.558	101	31411	0.218	ppbv	92
13) Ethanol	3.243	45	4403548	960.364	ppbv	93
15) Acetone	3.462	43	10063196	79.153	ppbv	92
17) tert-Butyl alcohol	3.889	59	27000m	0.223	ppbv	
19) Isopropyl Alcohol	3.581	45	893918	14.206	ppbv #	1
20) Methylene Chloride	3.931	84	218498	4.804	ppbv	90
26) Hexane	5.198	57	277863	2.380	ppbv #	55
29) Chloroform	5.262	83	29203m	0.178	ppbv	
30) Cyclohexane	6.581	84	13786m	0.141	ppbv	
34) 2-Butanone	4.770	43	779327	8.028	ppbv	98
35) Carbon Tetrachloride	6.465	117	4814m	0.035	ppbv	
37) 1,2-Dichloroethane	5.783	62	15176m	0.159	ppbv	
41) Tetrahydrofuran	5.542	42	401496	4.949	ppbv	99

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

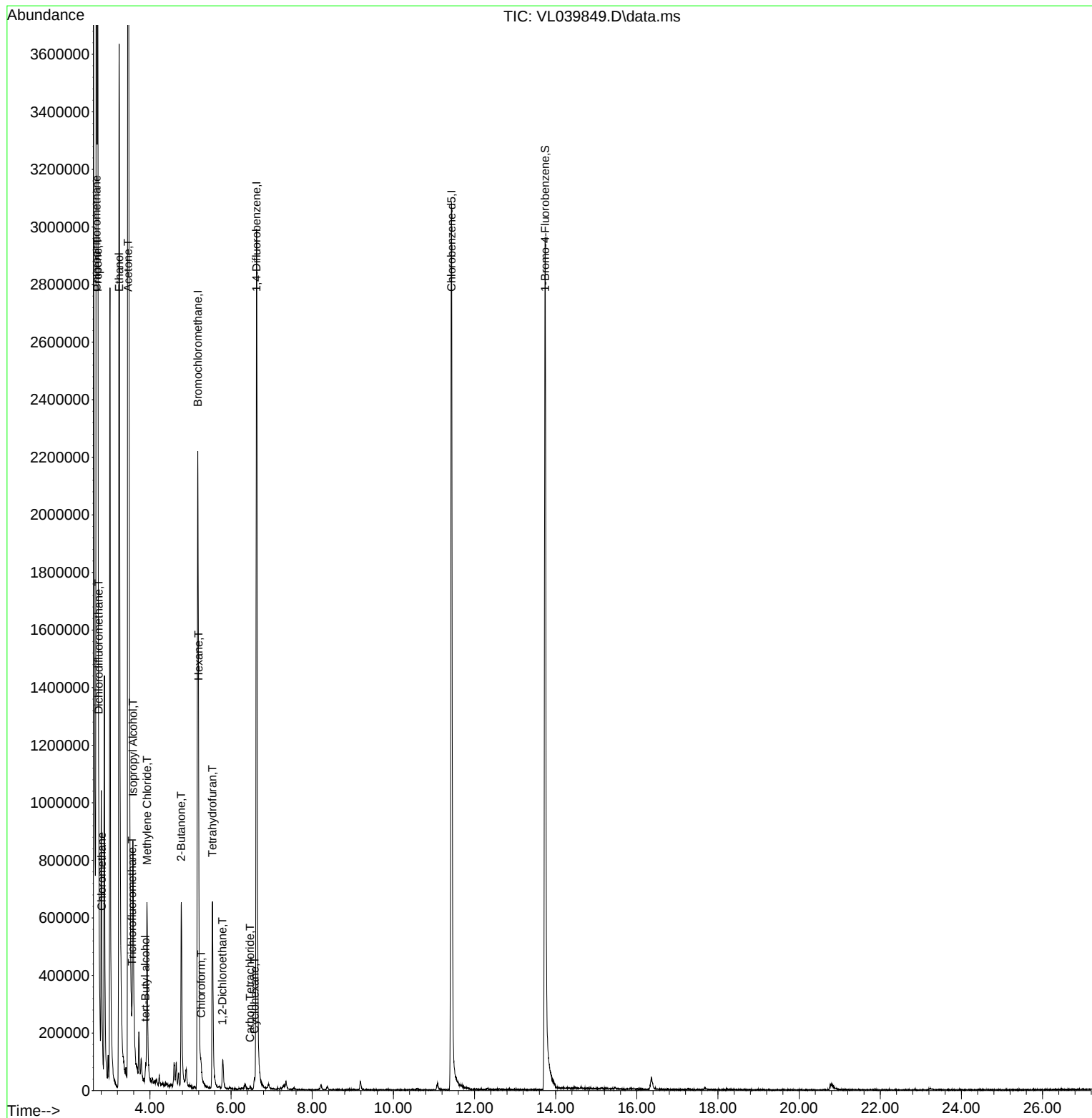
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039849.D
Acq On : 9 Nov 2022 15:36
Operator : SY/AP
Sample : N5527-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

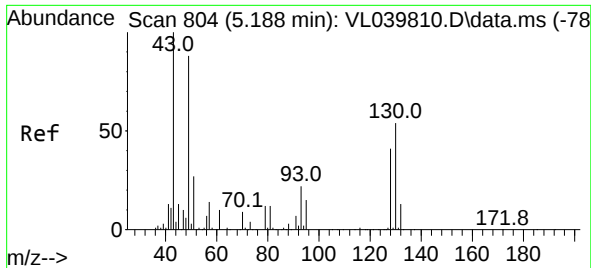
Instrument :
MSVOA_L
ClientSampleId :
10053-BASEMENT-BAR

Quant Time: Nov 10 03:49:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

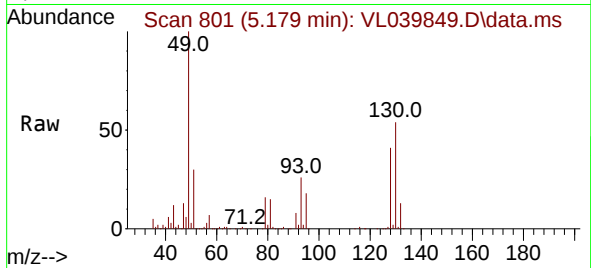
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 804
Delta R.T. -0.009 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

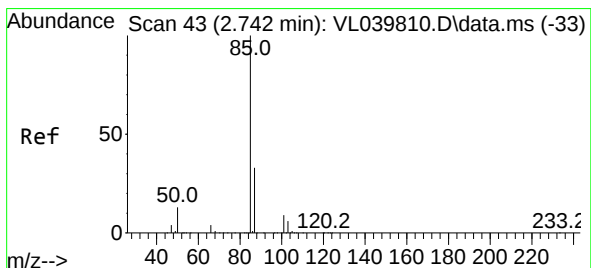
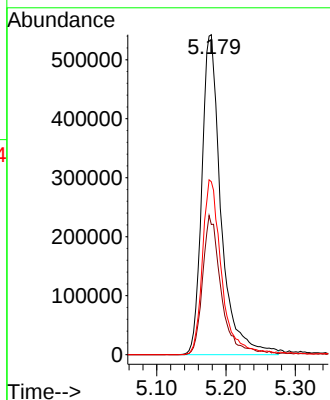
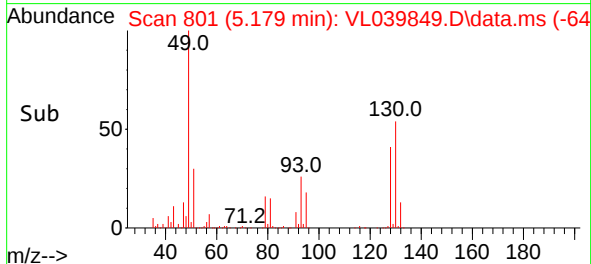
Instrument :
MSVOA_L
ClientSampleId :
10053-BASEMENT-BAR



Tgt Ion: 49 Resp: 104449
Ion Ratio Lower Upper
49 100
128 43.1 24.6 73.6
130 55.5 31.1 93.2

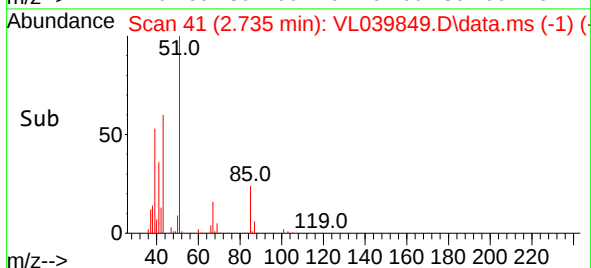
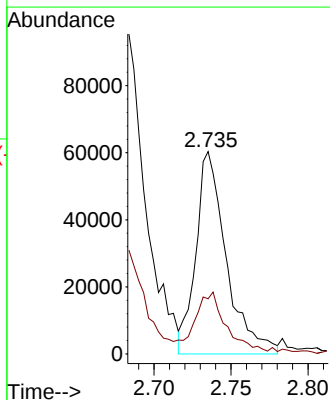
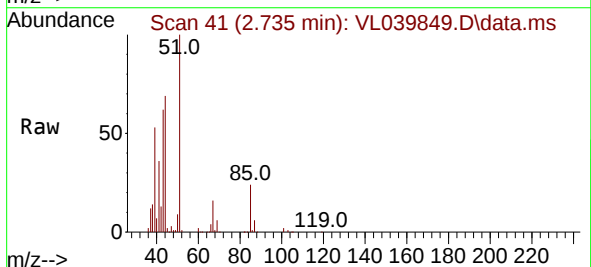
Manual Integrations
APPROVED

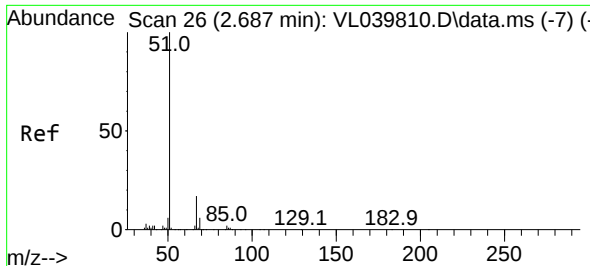
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 0.470 ppbv m
RT: 2.735 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

Tgt Ion: 85 Resp: 82955
Ion Ratio Lower Upper
85 100
87 27.3 26.4 39.6





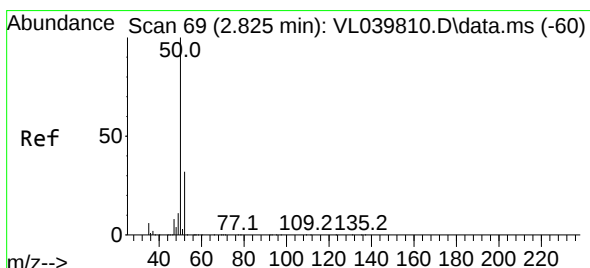
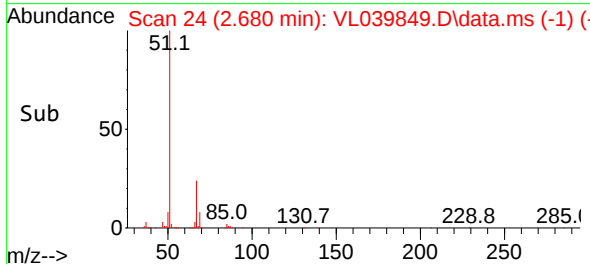
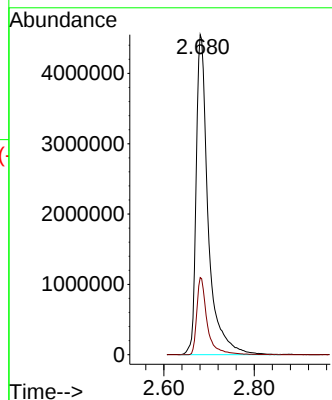
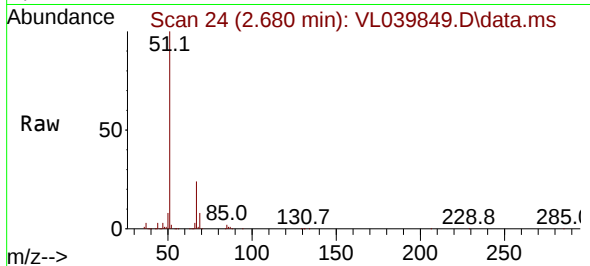
#3
Chlorodifluoromethane
Concen: 67.266 ppbv
RT: 2.680 min Scan# 24
Delta R.T. -0.007 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

Instrument :
MSVOA_L
ClientSampleId :
10053-BASEMENT-BAR

Tgt Ion: 51 Resp: 8376054
Ion Ratio Lower Upper
51 100
67 20.9 13.2 19.8

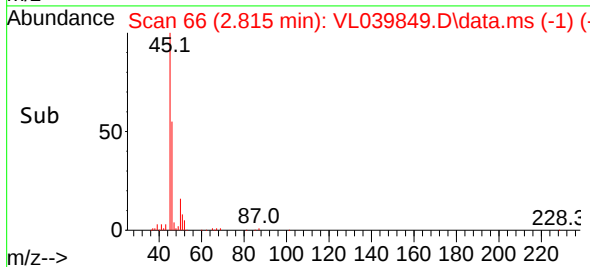
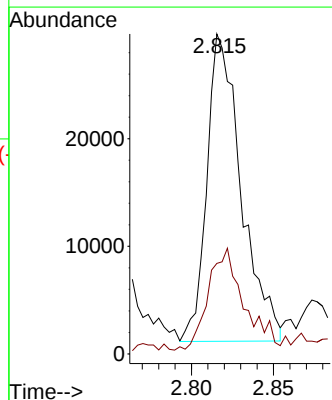
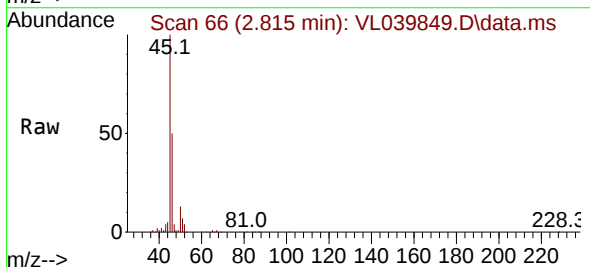
Manual Integrations
APPROVED

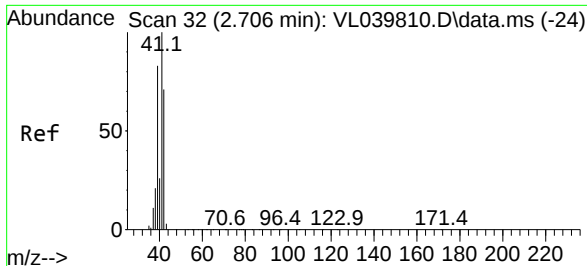
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#4
Chloromethane
Concen: 0.536 ppbv
RT: 2.815 min Scan# 66
Delta R.T. -0.010 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

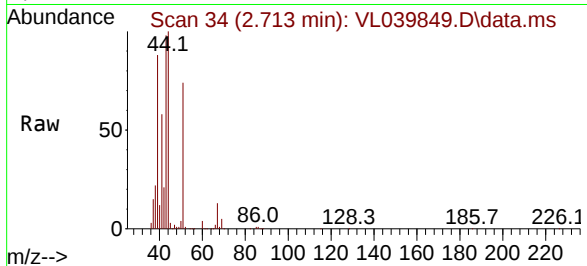
Tgt Ion: 50 Resp: 41580
Ion Ratio Lower Upper
50 100
52 27.2 25.5 38.3





#9
 Propene
 Concen: 11.638 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VL039849.D
 Acq: 9 Nov 2022 15:36

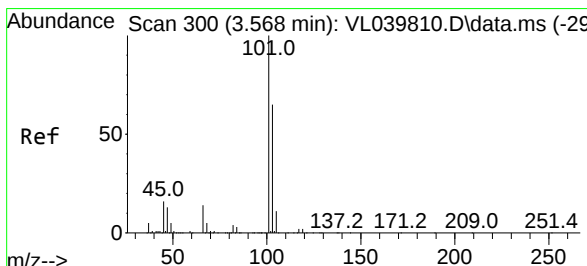
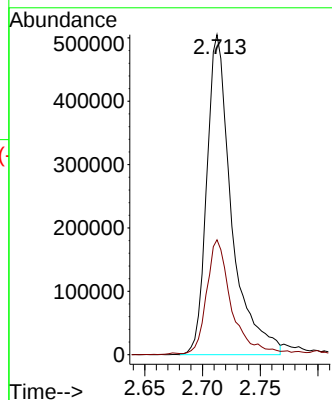
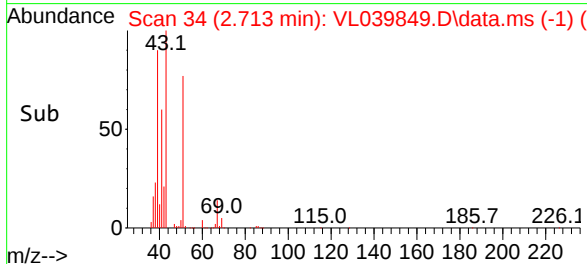
Instrument :
 MSVOA_L
 ClientSampleId :
 10053-BASEMENT-BAR



Tgt Ion: 41 Resp: 75506
 Ion Ratio Lower Upper
 41 100
 42 36.9 56.3 84.5

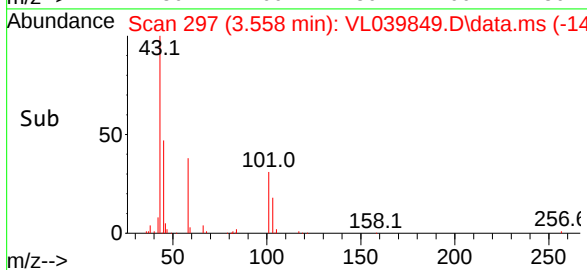
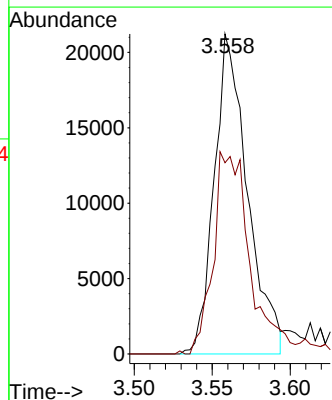
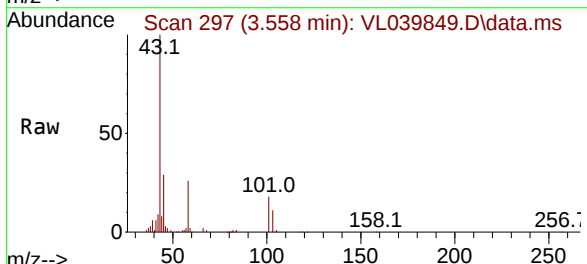
Manual Integrations
 APPROVED

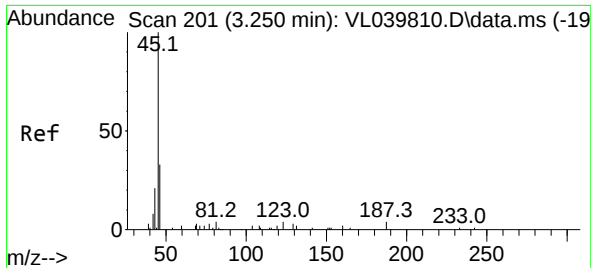
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#11
 Trichlorofluoromethane
 Concen: 0.218 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.010 min
 Lab File: VL039849.D
 Acq: 9 Nov 2022 15:36

Tgt Ion:101 Resp: 31411
 Ion Ratio Lower Upper
 101 100
 103 58.8 52.2 78.2





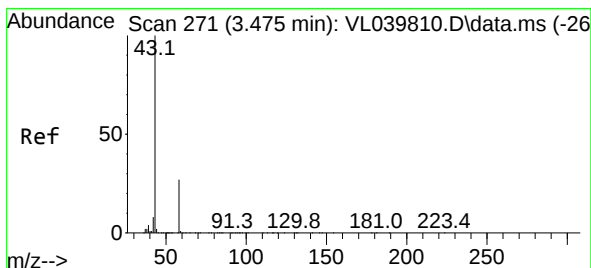
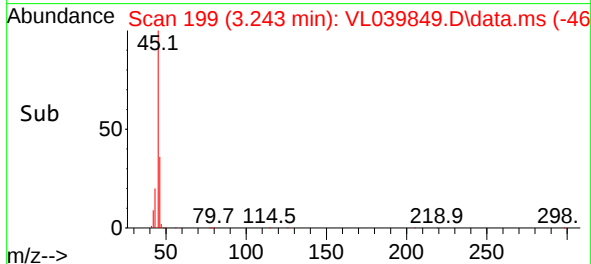
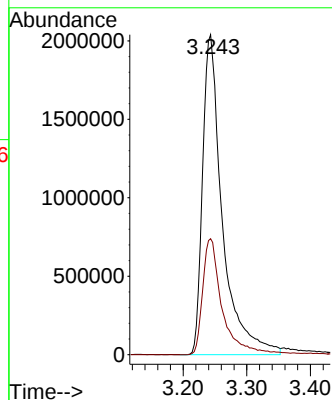
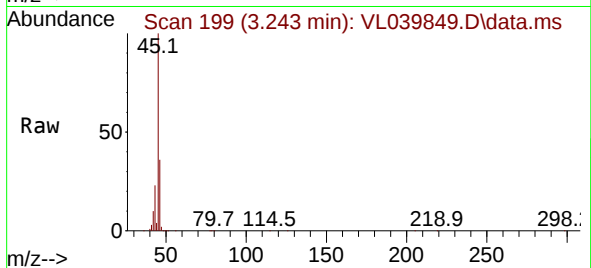
#13
Ethanol
Concen: 960.364 ppbv
RT: 3.243 min Scan# 199
Delta R.T. -0.007 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

Instrument :
MSVOA_L
ClientSampleId :
10053-BASEMENT-BAR

Tgt Ion: 45 Resp: 4403548
Ion Ratio Lower Upper
45 100
46 36.7 16.5 65.9

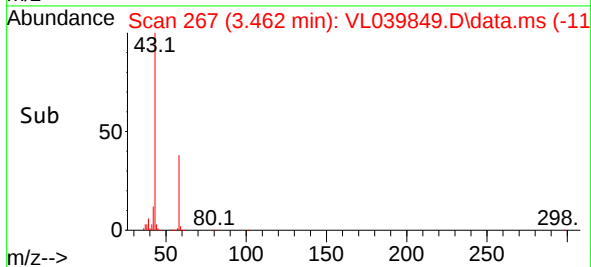
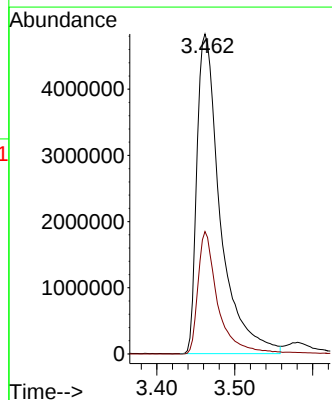
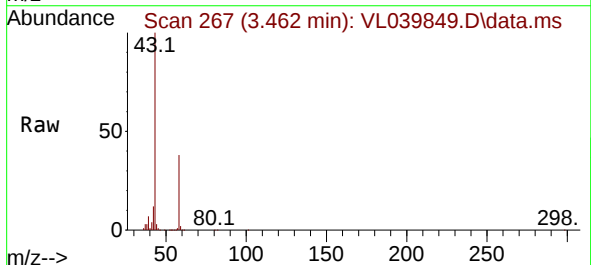
Manual Integrations
APPROVED

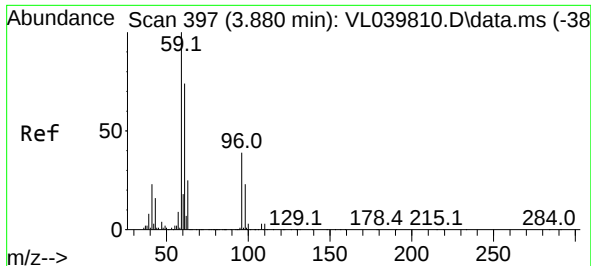
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#15
Acetone
Concen: 79.153 ppbv
RT: 3.462 min Scan# 267
Delta R.T. -0.013 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

Tgt Ion: 43 Resp:10063196
Ion Ratio Lower Upper
43 100
58 33.4 23.2 34.8





#17

tert-Butyl alcohol

Concen: 0.223 ppbv m

RT: 3.889 min Scan# 40

Delta R.T. 0.010 min

Lab File: VL039849.D

Acq: 9 Nov 2022 15:36

Instrument :

MSVOA_L

ClientSampleId :

10053-BASEMENT-BAR

Tgt Ion: 59 Resp: 27000

Ion Ratio Lower Upper

59 100

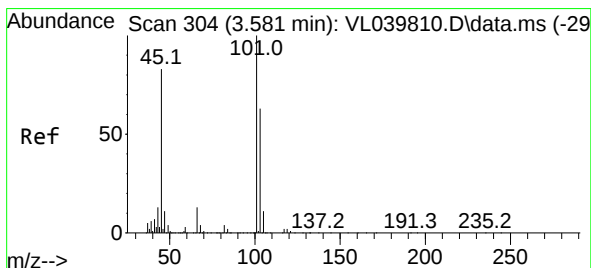
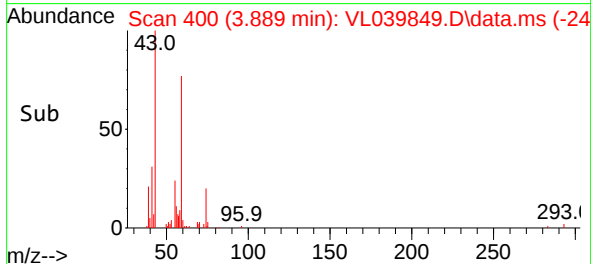
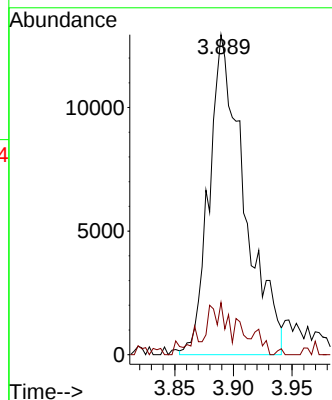
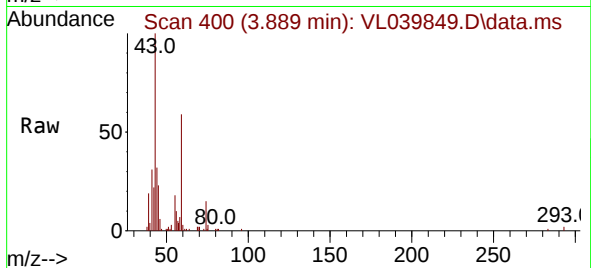
57 0.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#19

Isopropyl Alcohol

Concen: 14.206 ppbv

RT: 3.581 min Scan# 304

Delta R.T. -0.000 min

Lab File: VL039849.D

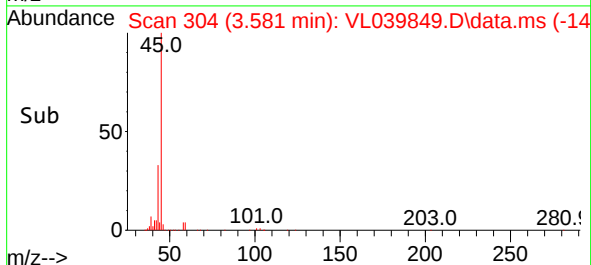
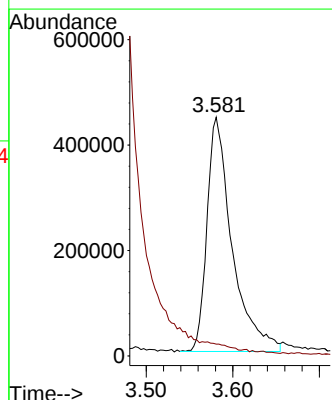
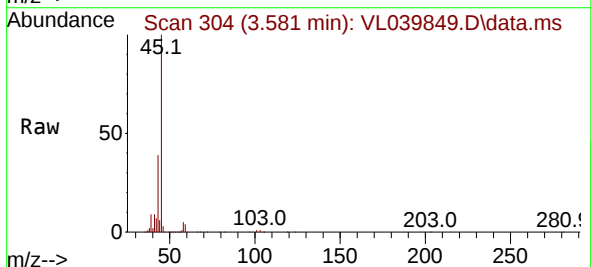
Acq: 9 Nov 2022 15:36

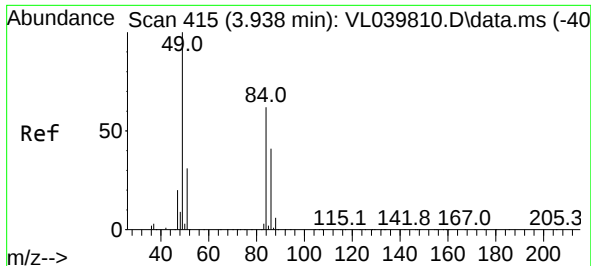
Tgt Ion: 45 Resp: 893918

Ion Ratio Lower Upper

45 100

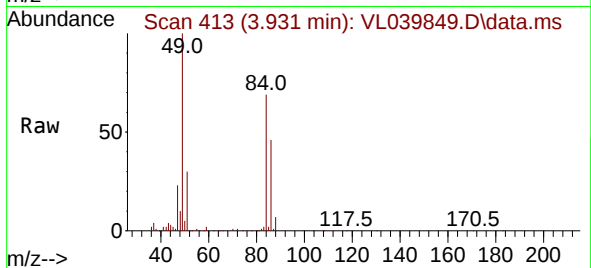
58 375.6 38.3 57.5#





#20
Methylene Chloride
Concen: 4.804 ppbv
RT: 3.931 min Scan# 415
Delta R.T. -0.007 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

Instrument :
MSVOA_L
ClientSampleId :
10053-BASEMENT-BAR

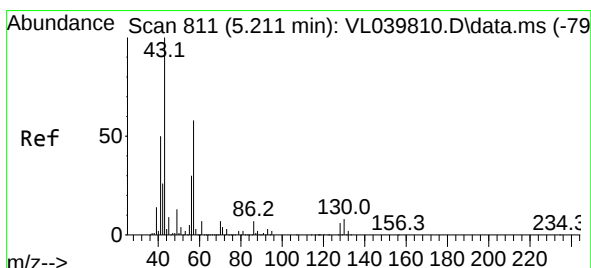
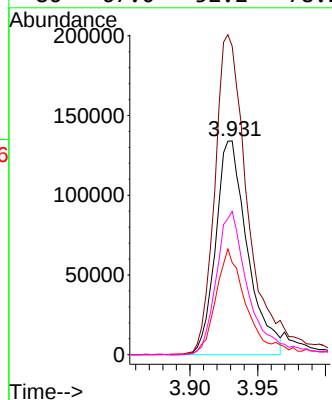
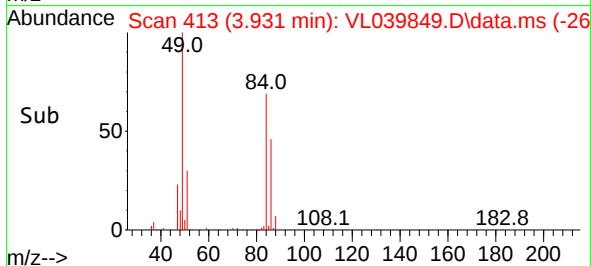


Tgt Ion: 84 Resp: 218498

Ion	Ratio	Lower	Upper
84	100		
49	144.1	128.6	192.8
51	42.7	40.2	60.4
86	67.0	52.2	78.2

Manual Integrations
APPROVED

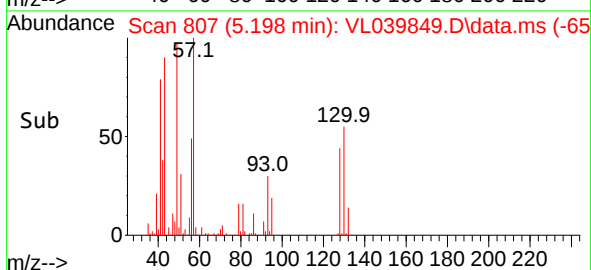
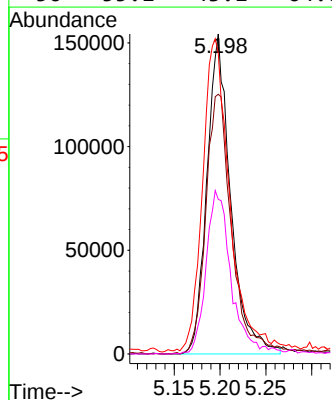
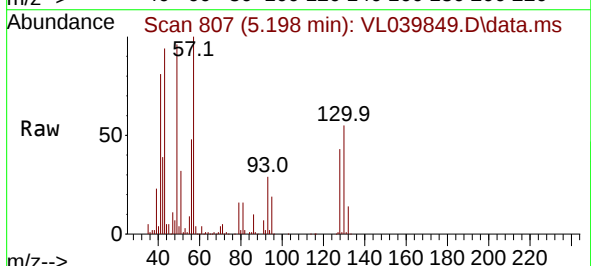
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

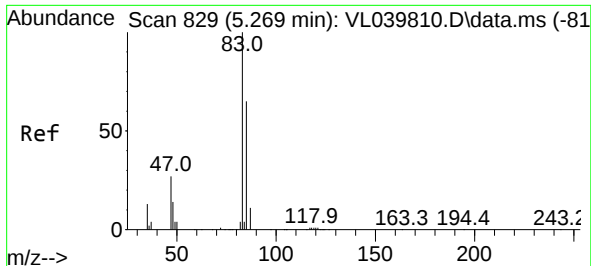


#26
Hexane
Concen: 2.380 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.013 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

Tgt Ion: 57 Resp: 277863

Ion	Ratio	Lower	Upper
57	100		
41	89.8	73.7	110.5
43	116.4	189.8	284.8#
56	55.1	43.1	64.7





#29

Chloroform

Concen: 0.178 ppbv m

RT: 5.262 min Scan# 81

Delta R.T. -0.007 min

Lab File: VL039849.D

Acq: 9 Nov 2022 15:36

Instrument :

MSVOA_L

ClientSampleId :

10053-BASEMENT-BAR

Tgt Ion: 83 Resp: 2920

Ion Ratio Lower Upper

83 100

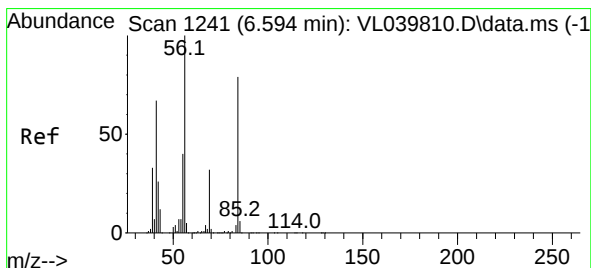
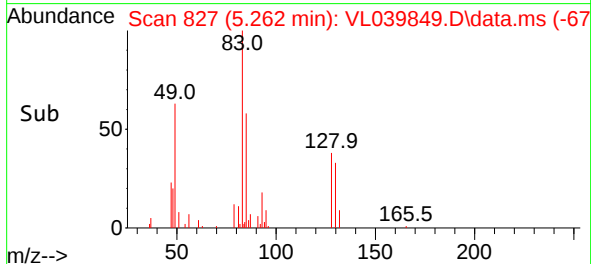
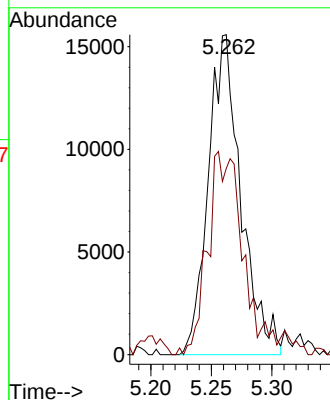
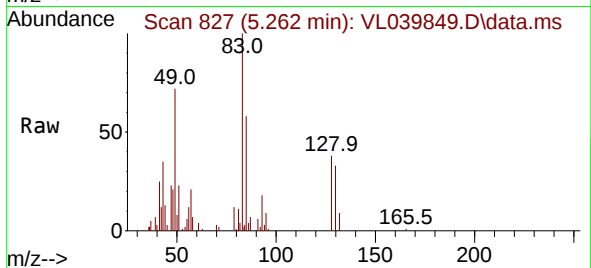
85 58.2 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

Cyclohexane

Concen: 0.141 ppbv m

RT: 6.581 min Scan# 1237

Delta R.T. -0.013 min

Lab File: VL039849.D

Acq: 9 Nov 2022 15:36

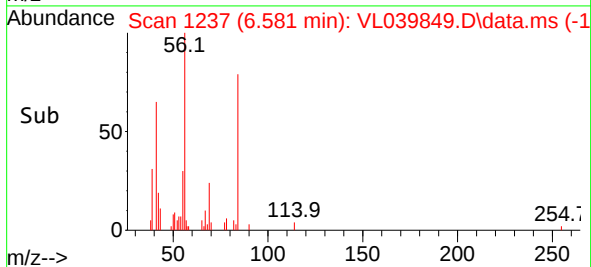
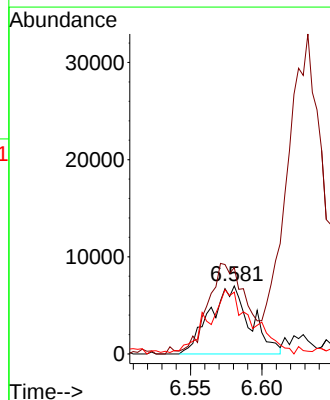
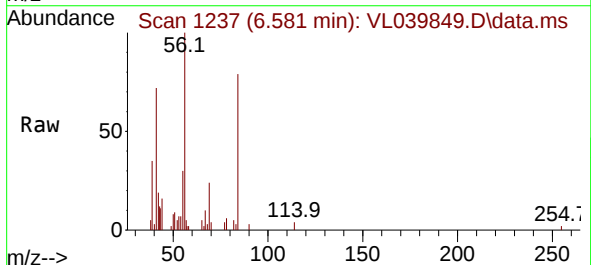
Tgt Ion: 84 Resp: 13786

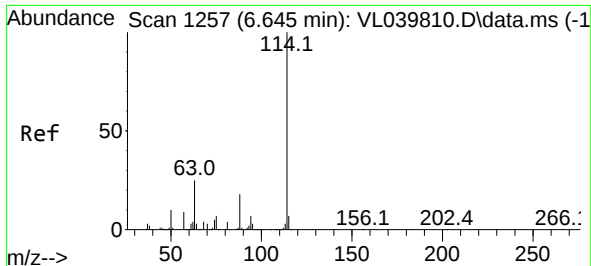
Ion Ratio Lower Upper

84 100

56 122.9 114.8 172.2

41 102.4 68.6 103.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL039849.D

Acq: 9 Nov 2022 15:36

Instrument :

MSVOA_L

ClientSampleId :

10053-BASEMENT-BAR

Tgt Ion:114 Resp: 235303

Ion Ratio Lower Upper

114 100

63 27.1 19.8 29.6

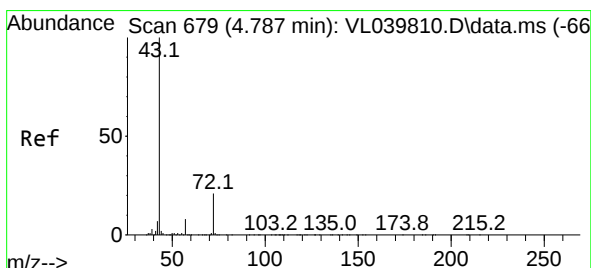
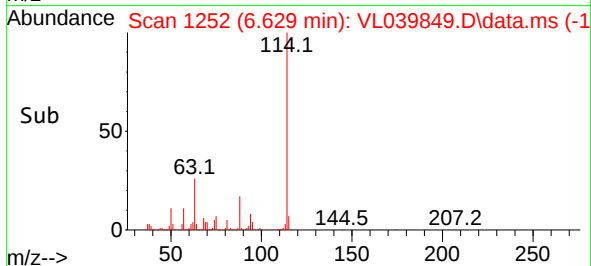
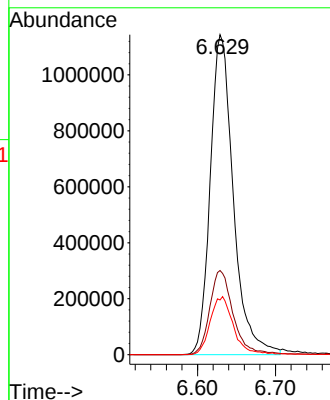
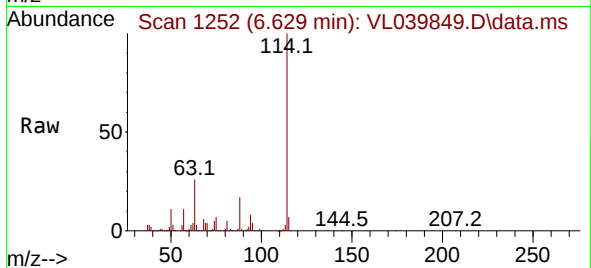
88 18.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#34

2-Butanone

Concen: 8.028 ppbv

RT: 4.770 min Scan# 674

Delta R.T. -0.016 min

Lab File: VL039849.D

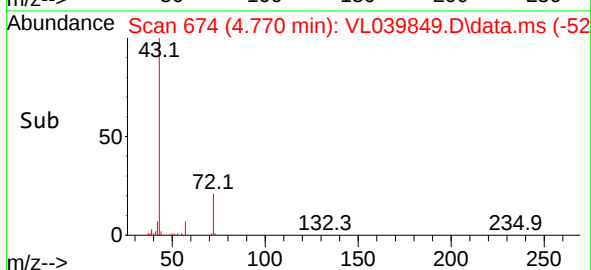
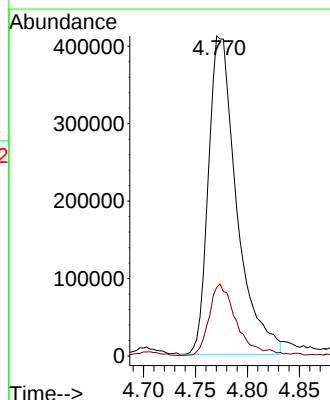
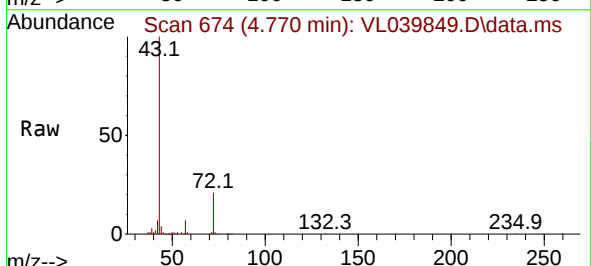
Acq: 9 Nov 2022 15:36

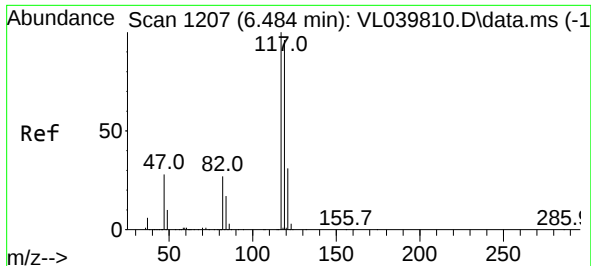
Tgt Ion: 43 Resp: 779327

Ion Ratio Lower Upper

43 100

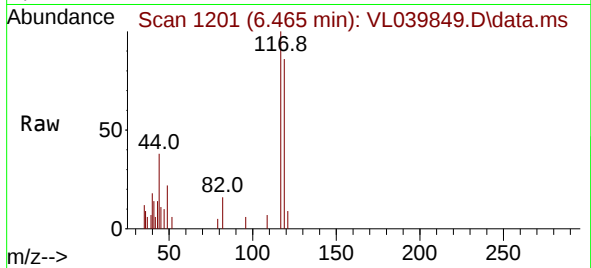
72 22.9 17.5 26.3





#35
Carbon Tetrachloride
Concen: 0.035 ppbv m
RT: 6.465 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

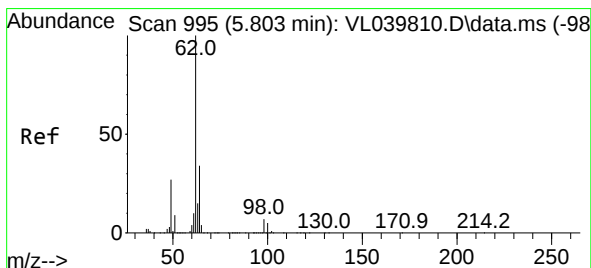
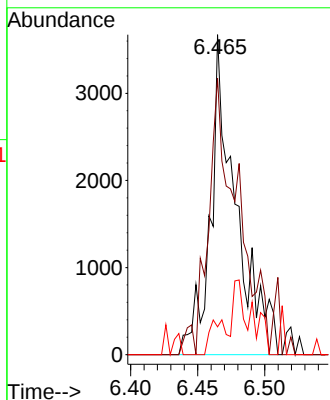
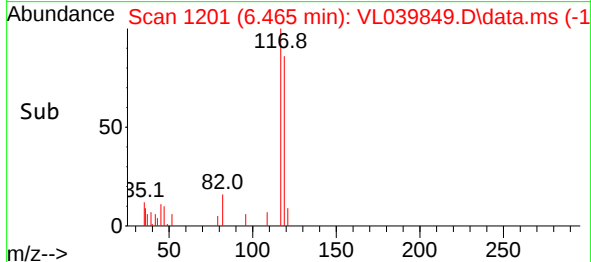
Instrument : MSVOA_L
ClientSampleId : 10053-BASEMENT-BAR



Tgt Ion: 117 Resp: 4814
Ion Ratio Lower Upper
117 100
119 86.5 76.5 114.7
121 8.7 25.2 37.8

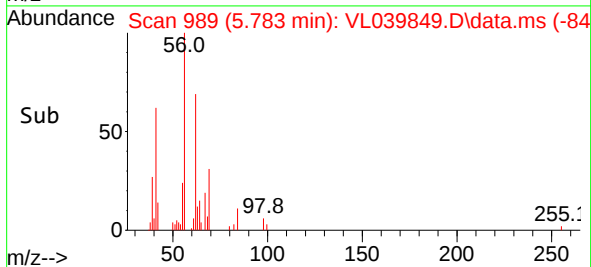
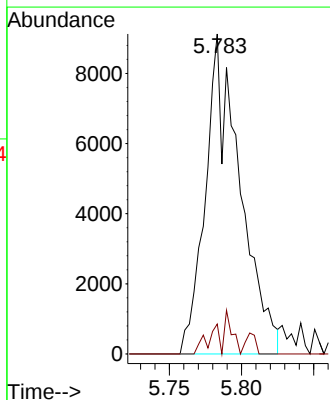
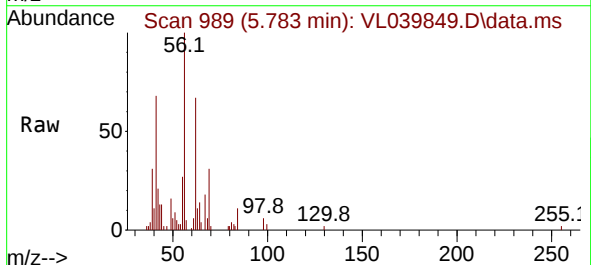
Manual Integrations
APPROVED

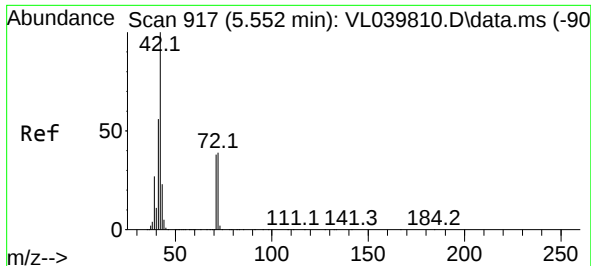
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#37
1,2-Dichloroethane
Concen: 0.159 ppbv m
RT: 5.783 min Scan# 989
Delta R.T. -0.019 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

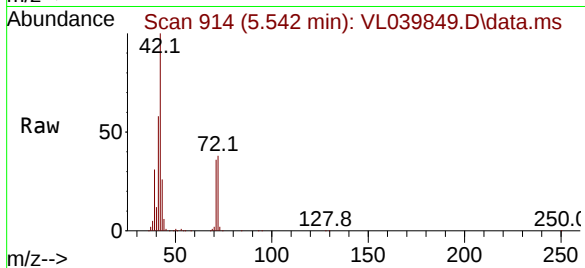
Tgt Ion: 62 Resp: 15176
Ion Ratio Lower Upper
62 100
98 8.0 5.4 8.2





#41
Tetrahydrofuran
Concen: 4.949 ppbv
RT: 5.542 min Scan# 914
Delta R.T. -0.010 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

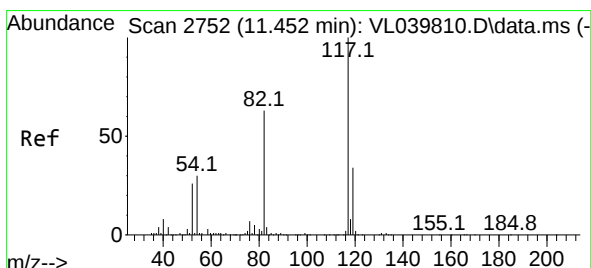
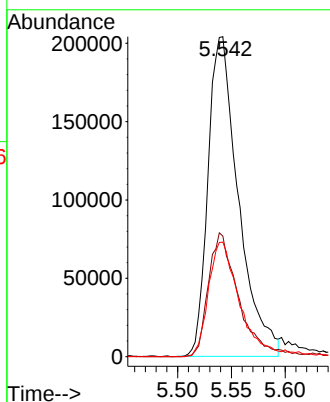
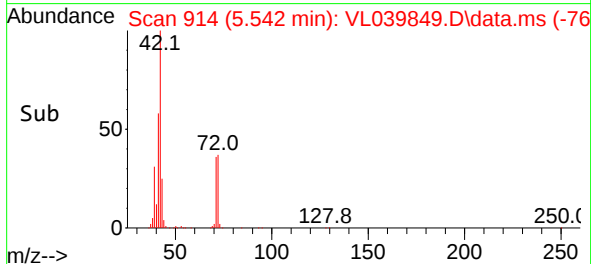
Instrument :
MSVOA_L
ClientSampleId :
10053-BASEMENT-BAR



Tgt Ion: 42 Resp: 401490
Ion Ratio Lower Upper
42 100
72 39.1 31.4 47.2
71 37.9 31.5 47.3

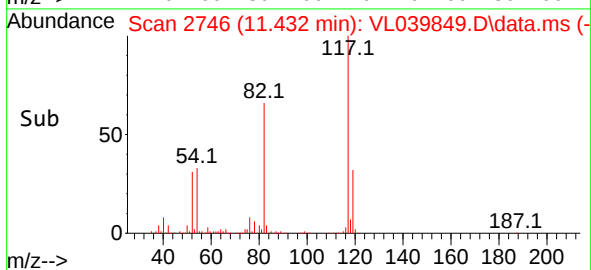
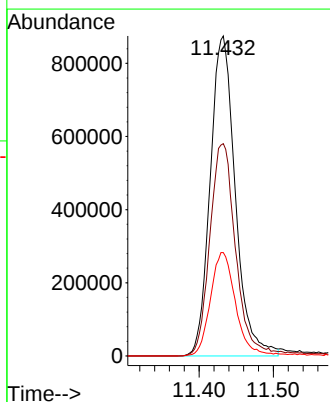
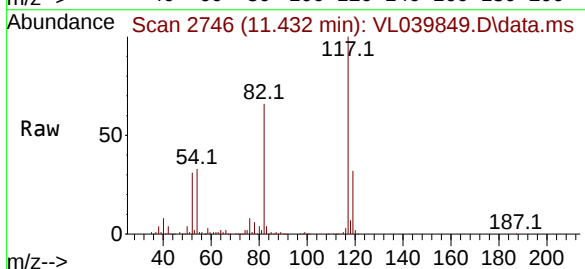
Manual Integrations
APPROVED

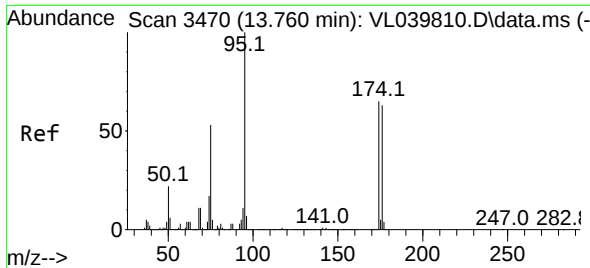
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.432 min Scan# 2746
Delta R.T. -0.019 min
Lab File: VL039849.D
Acq: 9 Nov 2022 15:36

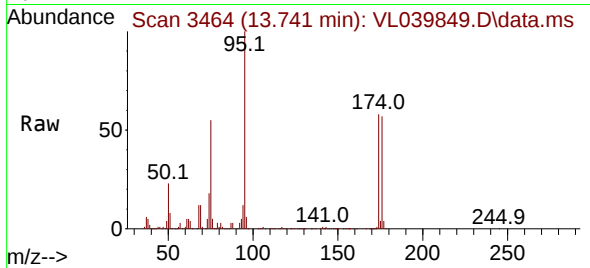
Tgt Ion:117 Resp: 2056218
Ion Ratio Lower Upper
117 100
82 69.7 51.0 76.6
119 33.2 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.285 ppbv
 RT: 13.741 min Scan# 34
 Delta R.T. -0.019 min
 Lab File: VL039849.D
 Acq: 9 Nov 2022 15:36

Instrument :
 MSVOA_L
 ClientSampleId :
 10053-BASEMENT-BAR



Tgt Ion: 95 Resp: 158288
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.4 80.0
 175 4.5 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

