

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039369.D
 Acq On : 27 Jun 2022 21:46
 Operator : SY/AP
 Sample : N3453-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 02:40:52 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	5.664	49	1172432	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3283153	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	2842254	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2147073	9.137	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.041	85	38647m	0.188	ppbv	
3) Chlorodifluoromethane	2.980	51	76385	0.512	ppbv #	86
4) Chloromethane	3.140	50	17241m	0.225	ppbv	
9) Propene	3.012	41	34129m	0.525	ppbv	
11) Trichlorofluoromethane	3.951	101	43476m	0.233	ppbv	
13) Ethanol	3.600	45	523469	147.565	ppbv #	100
15) Acetone	3.844	43	424816	3.478	ppbv	92
19) Isopropyl Alcohol	3.963	45	28524m	0.498	ppbv	
20) Methylene Chloride	4.336	84	42546	0.827	ppbv	97
23) Vinyl Acetate	5.057	43	118093	1.169	ppbv #	85
26) Hexane	5.687	57	150671m	1.246	ppbv	
34) 2-Butanone	5.246	43	89599	0.502	ppbv	92
35) Carbon Tetrachloride	7.018	117	11375m	0.047	ppbv	
50) 4-Methyl-2-Pentanone	8.757	43	39582m	0.148	ppbv	
52) Tetrachloroethene	11.224	164	5267m	0.051	ppbv	
53) Toluene	9.796	91	350723m	1.143	ppbv	
59) m/p-Xylene	12.966	91	35054m	0.102	ppbv	

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

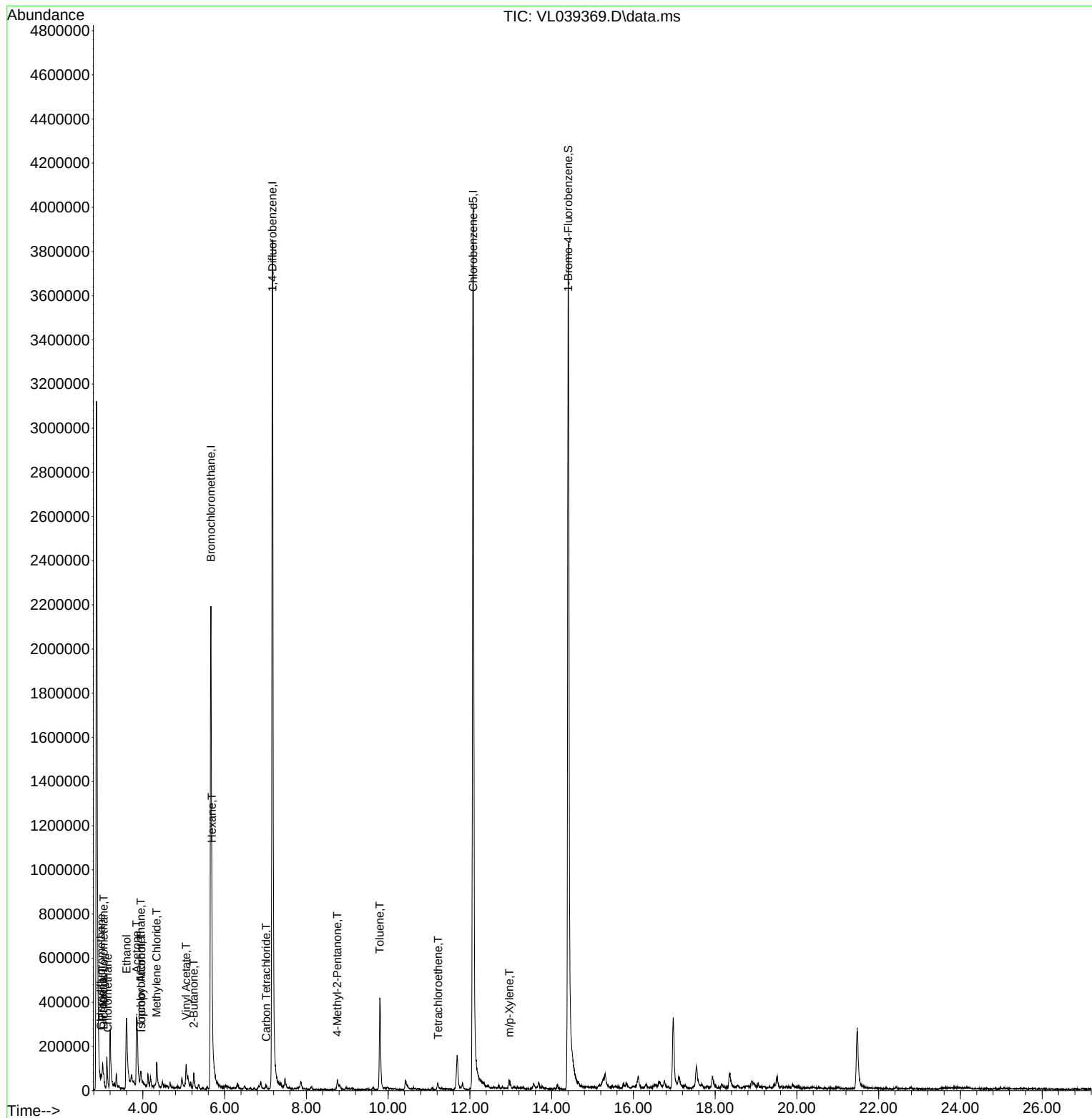
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039369.D
Acq On : 27 Jun 2022 21:46
Operator : SY/AP
Sample : N3453-08
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

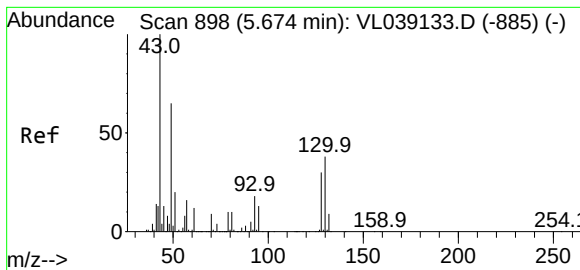
Instrument :
MSVOA_L
ClientSampleId :
IA-2

Quant Time: Jun 28 02:40:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

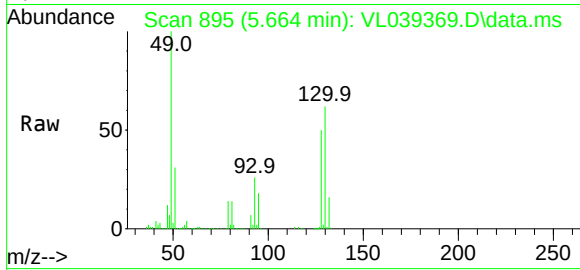
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 89
Delta R.T. -0.010 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

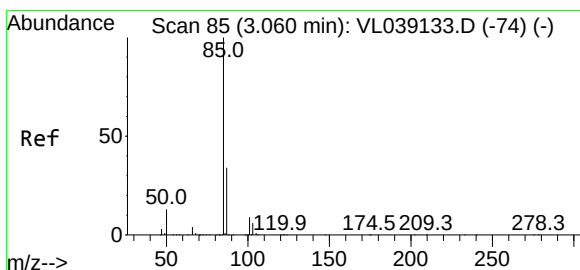
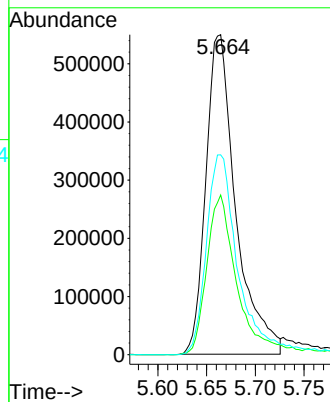
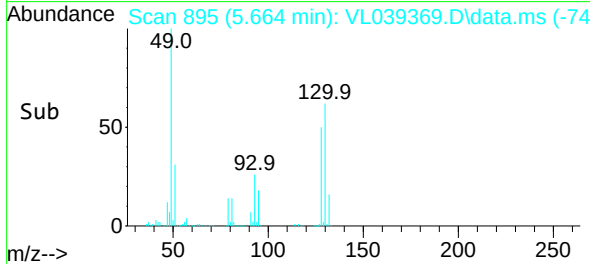
Instrument :
MSVOA_L
ClientSampleId :
IA-2



Tgt Ion: 49 Resp: 117243
Ion Ratio Lower Upper
49 100
128 52.8 24.7 74.1
130 68.9 31.4 94.0

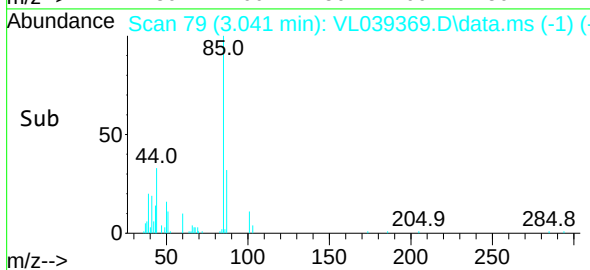
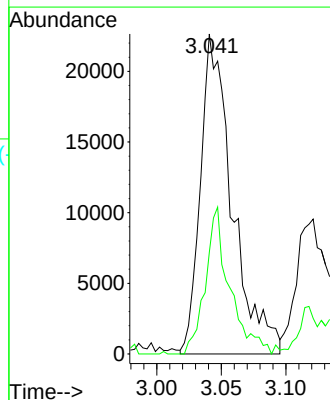
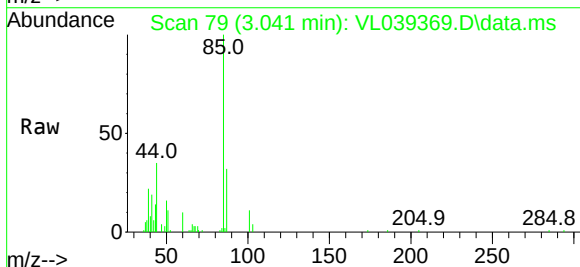
Manual Integrations
APPROVED

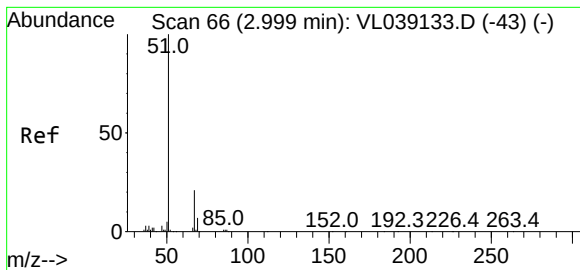
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 0.188 ppbv m
RT: 3.041 min Scan# 79
Delta R.T. -0.019 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

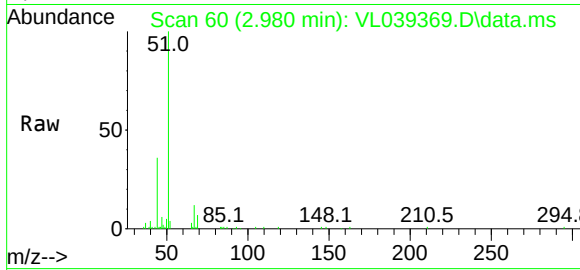
Tgt Ion: 85 Resp: 38647
Ion Ratio Lower Upper
85 100
87 31.7 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.512 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.019 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

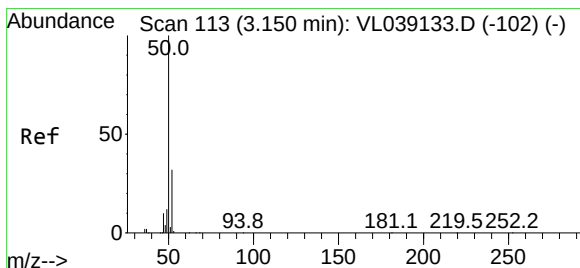
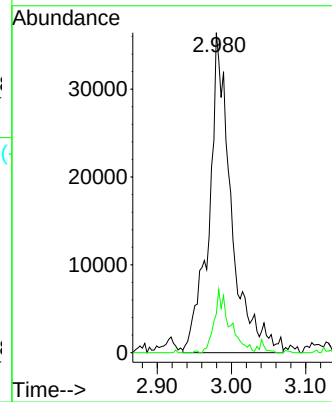
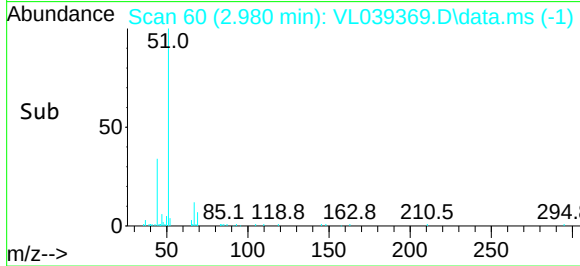
Instrument :
MSVOA_L
ClientSampleId :
IA-2



Tgt Ion: 51 Resp: 7638
Ion Ratio Lower Upper
51 100
67 13.6 16.2 24.4

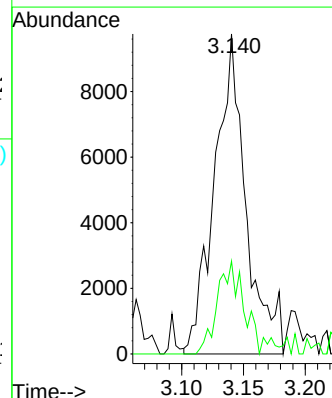
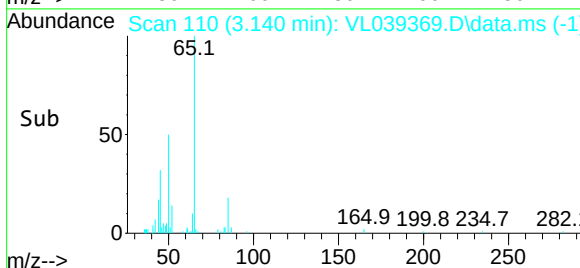
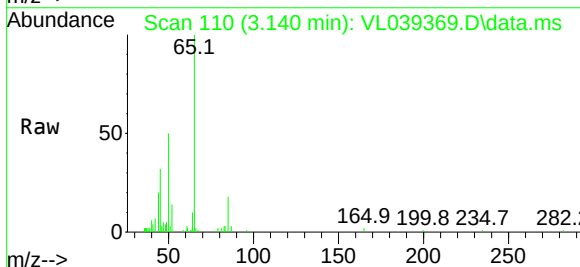
Manual Integrations
APPROVED

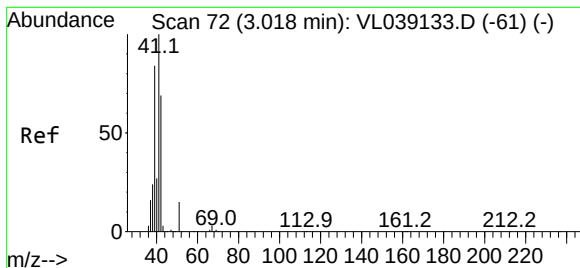
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Chloromethane
Concen: 0.225 ppbv m
RT: 3.140 min Scan# 110
Delta R.T. -0.010 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

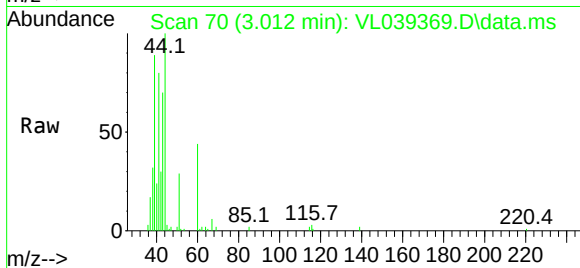
Tgt Ion: 50 Resp: 17241
Ion Ratio Lower Upper
50 100
52 29.0 25.9 38.9





#9
 Propene
 Concen: 0.525 ppbv m
 RT: 3.012 min Scan# 70
 Delta R.T. -0.007 min
 Lab File: VL039369.D
 Acq: 27 Jun 2022 21:46

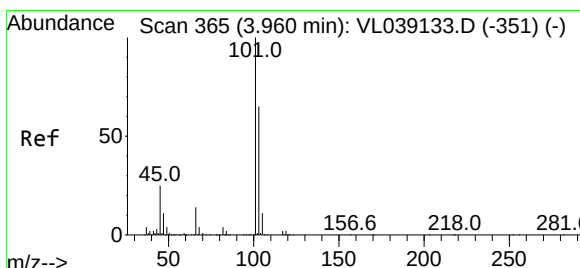
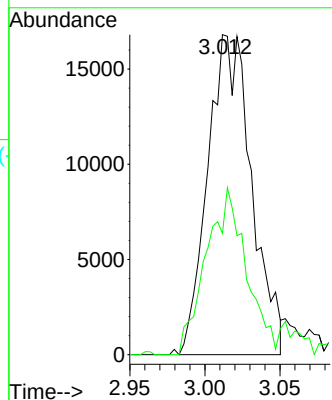
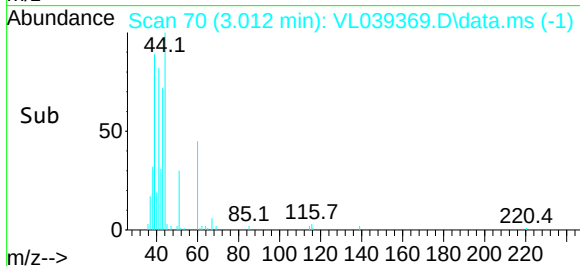
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2



Tgt Ion: 41 Resp: 34129
 Ion Ratio Lower Upper
 41 100
 42 54.2 55.4 83.2

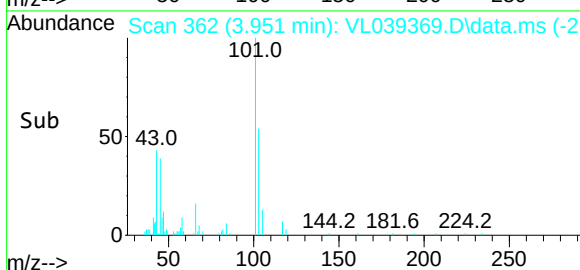
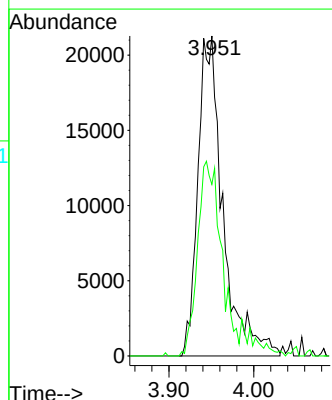
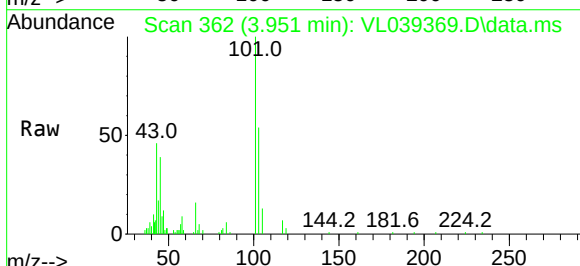
Manual Integrations
 APPROVED

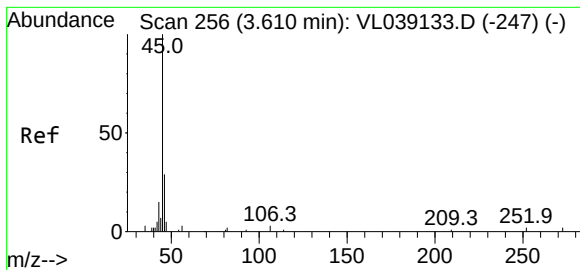
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#11
 Trichlorofluoromethane
 Concen: 0.233 ppbv m
 RT: 3.951 min Scan# 362
 Delta R.T. -0.010 min
 Lab File: VL039369.D
 Acq: 27 Jun 2022 21:46

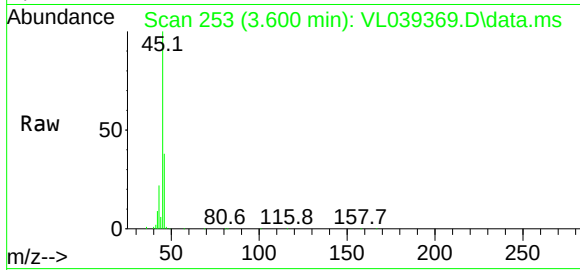
Tgt Ion:101 Resp: 43476
 Ion Ratio Lower Upper
 101 100
 103 53.6 51.7 77.5





#13
Ethanol
Concen: 147.565 ppbv
RT: 3.600 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

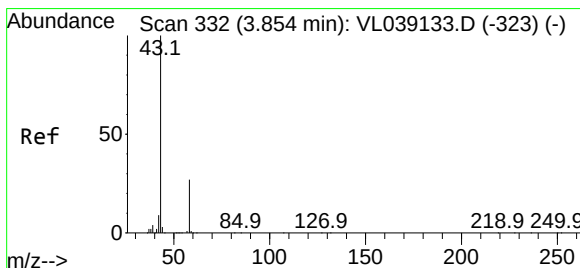
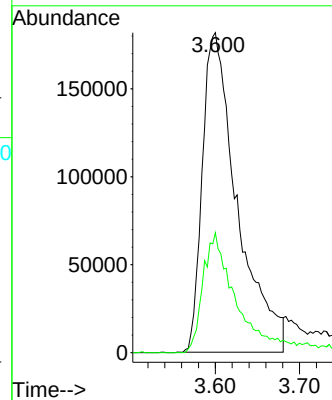
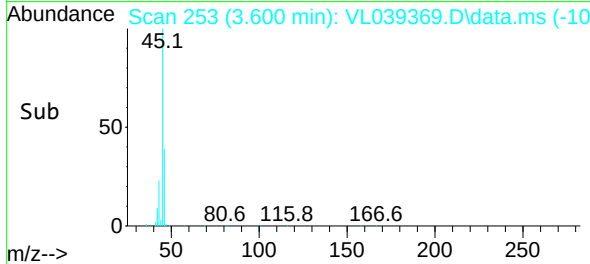
Instrument :
MSVOA_L
ClientSampleId :
IA-2



Tgt Ion: 45 Resp: 523469
Ion Ratio Lower Upper
45 100
46 36.9 0.0 0.0

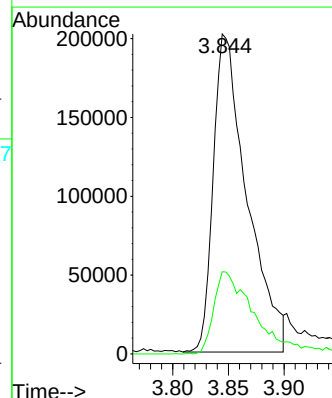
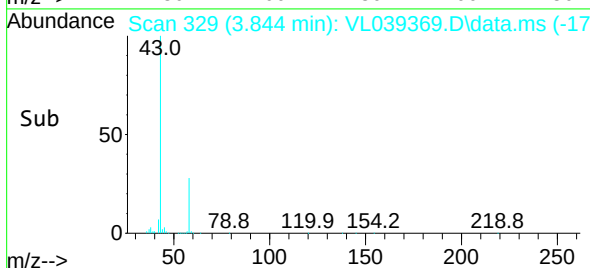
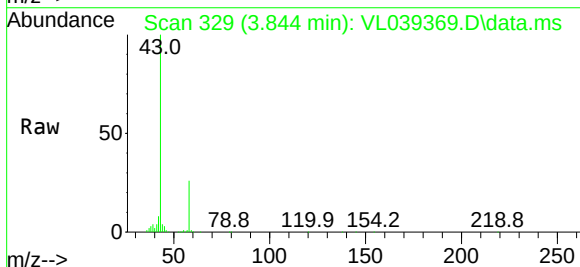
Manual Integrations
APPROVED

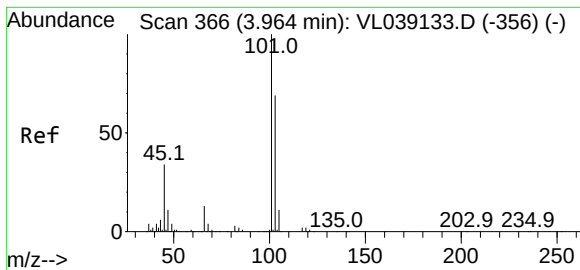
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#15
Acetone
Concen: 3.478 ppbv
RT: 3.844 min Scan# 329
Delta R.T. -0.010 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

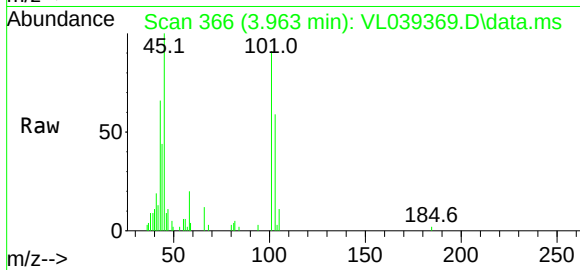
Tgt Ion: 43 Resp: 424816
Ion Ratio Lower Upper
43 100
58 32.4 22.5 33.7





#19
Isopropyl Alcohol
Concen: 0.498 ppbv m
RT: 3.963 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

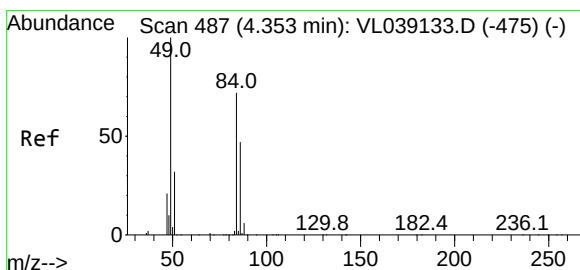
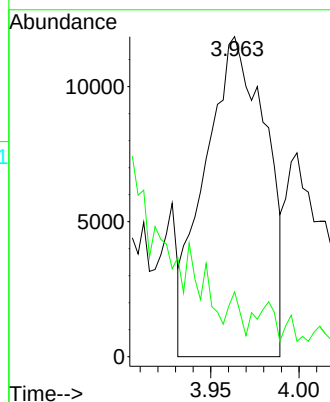
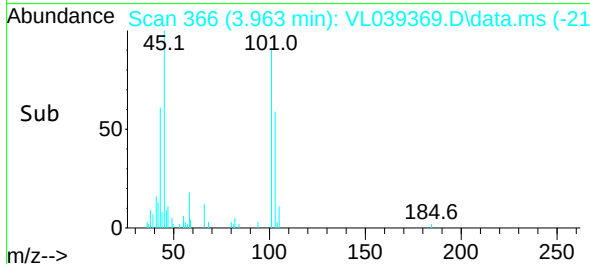
Instrument :
MSVOA_L
ClientSampleId :
IA-2



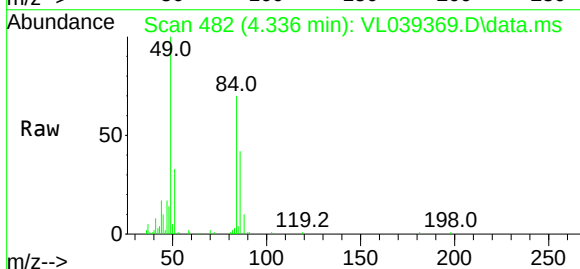
Tgt Ion: 45 Resp: 28524
Ion Ratio Lower Upper
45 100
58 489.5 1.8 2.8

Manual Integrations
APPROVED

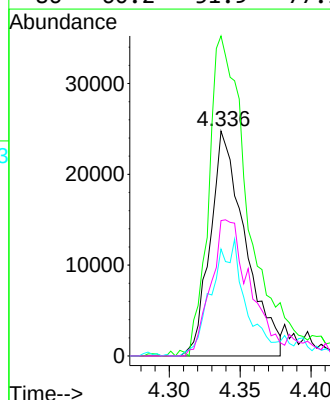
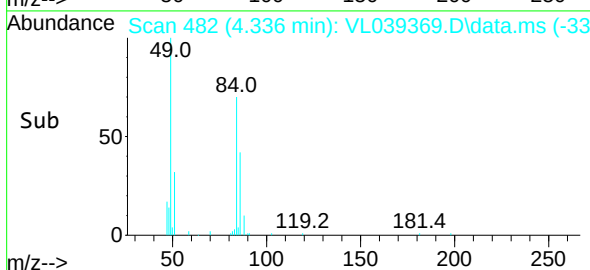
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

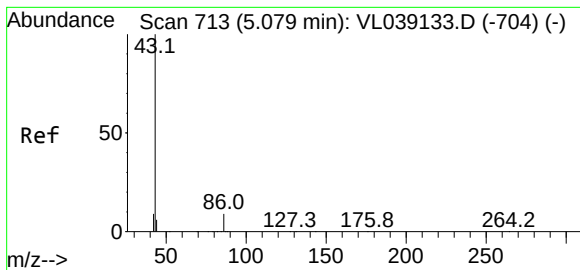


#20
Methylene Chloride
Concen: 0.827 ppbv
RT: 4.336 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46



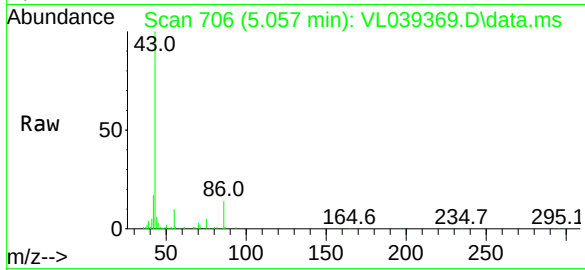
Tgt Ion: 84 Resp: 42546
Ion Ratio Lower Upper
84 100
49 139.9 111.1 166.7
51 47.6 35.3 52.9
86 60.2 51.9 77.9





#23
 Vinyl Acetate
 Concen: 1.169 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. -0.023 min
 Lab File: VL039369.D
 Acq: 27 Jun 2022 21:46

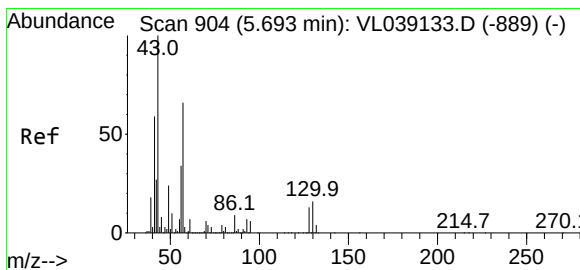
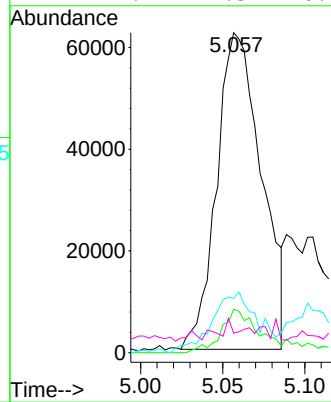
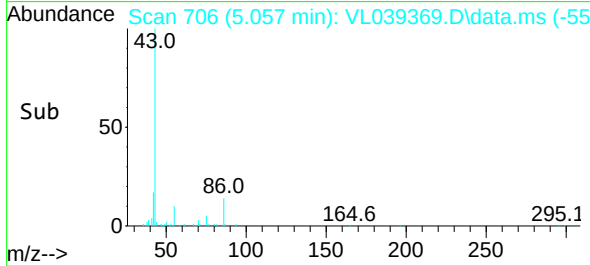
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2



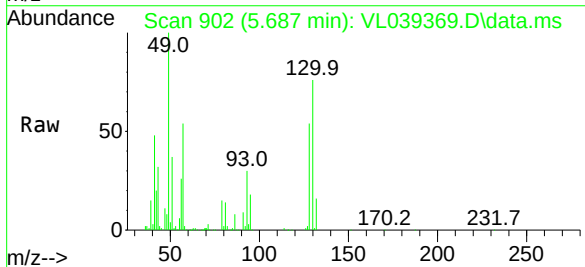
Tgt Ion: 43 Resp: 118091
 Ion Ratio Lower Upper
 43 100
 86 15.1 6.0 9.0#
 42 14.9 8.2 12.4#
 44 2.1 4.3 6.5#

Manual Integrations
 APPROVED

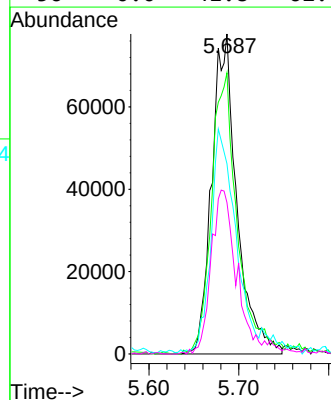
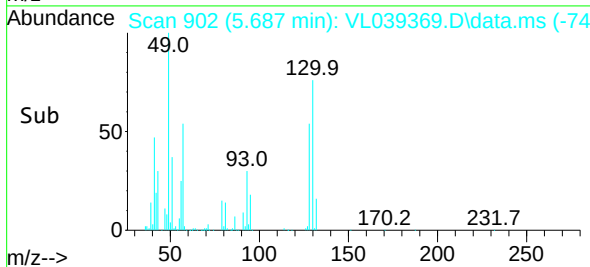
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

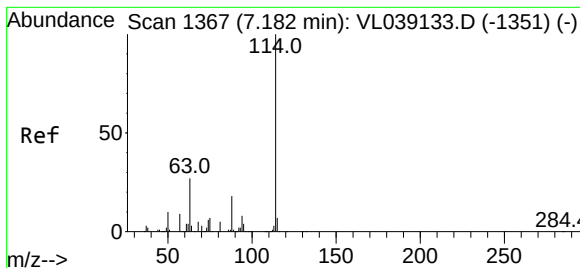


#26
 Hexane
 Concen: 1.246 ppbv m
 RT: 5.687 min Scan# 902
 Delta R.T. -0.007 min
 Lab File: VL039369.D
 Acq: 27 Jun 2022 21:46



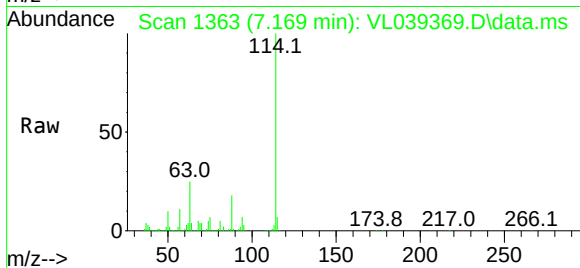
Tgt Ion: 57 Resp: 150671
 Ion Ratio Lower Upper
 57 100
 41 93.0 72.4 108.6
 43 0.0 187.0 280.6#
 56 0.0 41.8 62.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

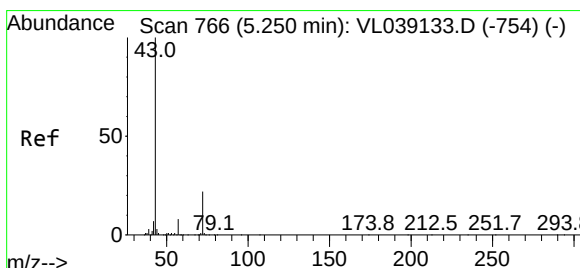
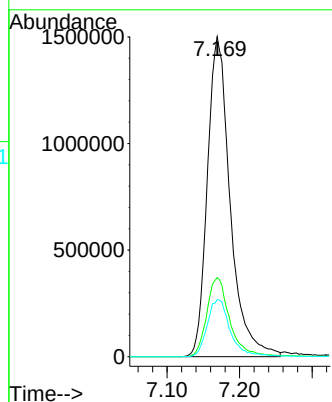
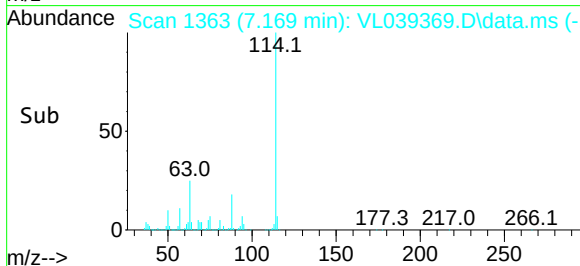
Instrument :
MSVOA_L
ClientSampleId :
IA-2



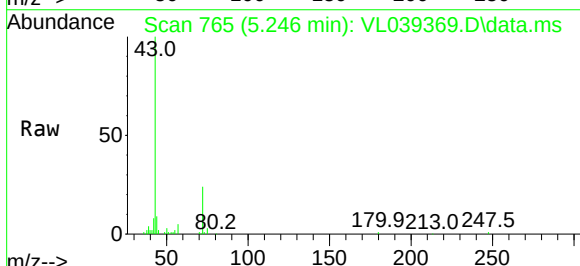
Tgt Ion:114 Resp: 328315
Ion Ratio Lower Upper
114 100
63 25.1 21.7 32.5
88 18.2 14.8 22.2

Manual Integrations
APPROVED

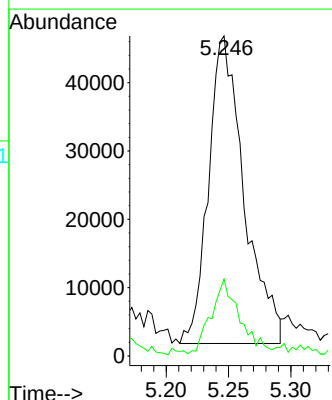
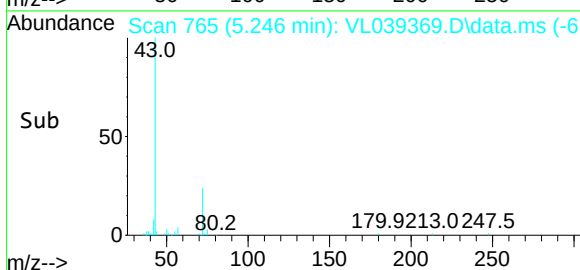
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

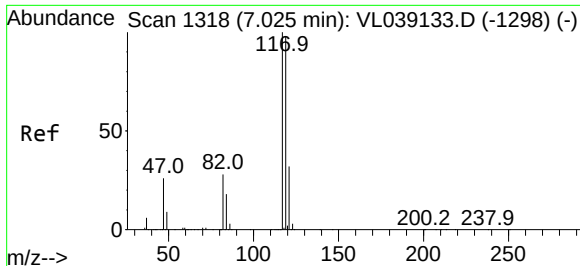


#34
2-Butanone
Concen: 0.502 ppbv
RT: 5.246 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46



Tgt Ion: 43 Resp: 89599
Ion Ratio Lower Upper
43 100
72 26.4 18.2 27.2





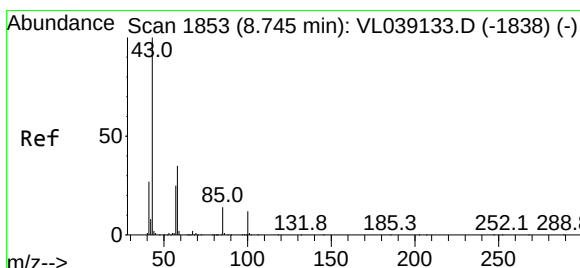
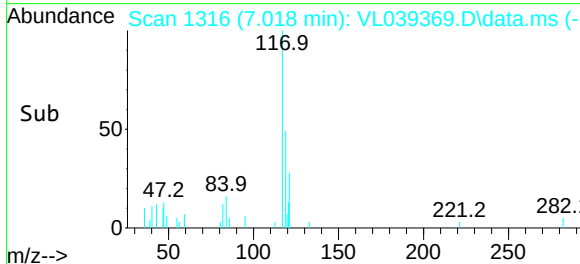
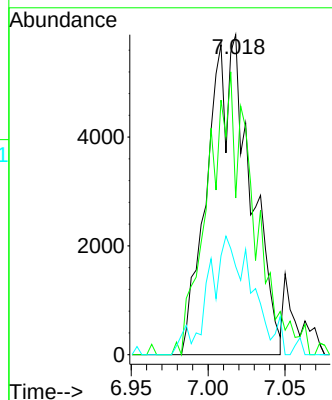
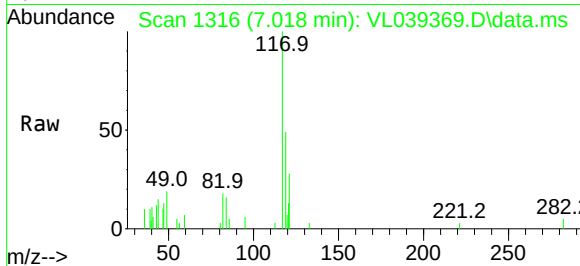
#35
Carbon Tetrachloride
Concen: 0.047 ppbv m
RT: 7.018 min Scan# 1137
Delta R.T. -0.007 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

Instrument :
MSVOA_L
ClientSampleId :
IA-2

Tgt Ion:117 Resp: 1137
Ion Ratio Lower Upper
117 100
119 49.0 78.6 118.0
121 27.6 25.4 38.0

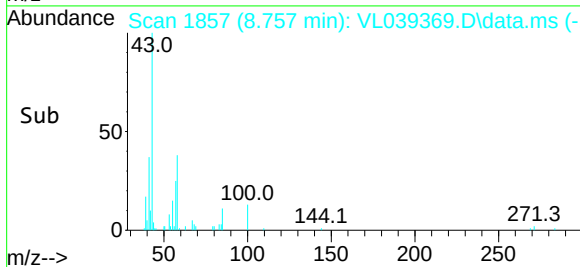
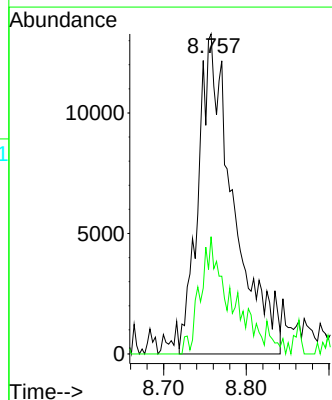
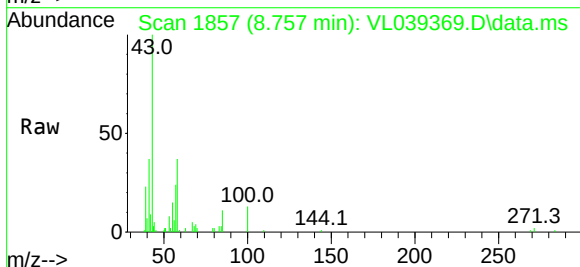
Manual Integrations
APPROVED

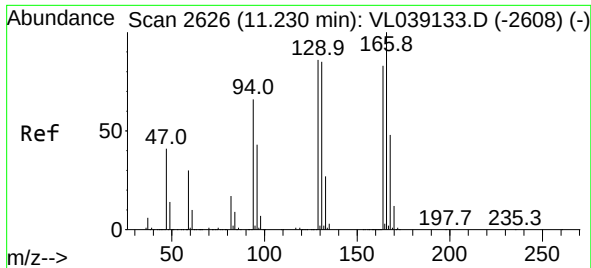
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
4-Methyl-2-Pentanone
Concen: 0.148 ppbv m
RT: 8.757 min Scan# 1857
Delta R.T. 0.013 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

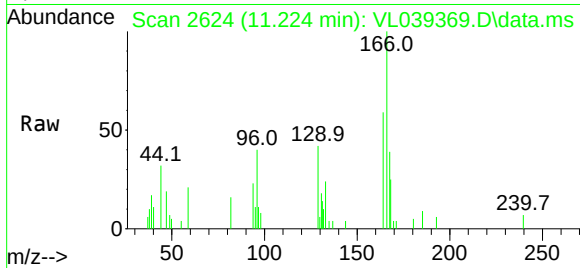
Tgt Ion: 43 Resp: 39582
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#





#52
Tetrachloroethene
Concen: 0.051 ppbv m
RT: 11.224 min Scan# 2624
Delta R.T. -0.007 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

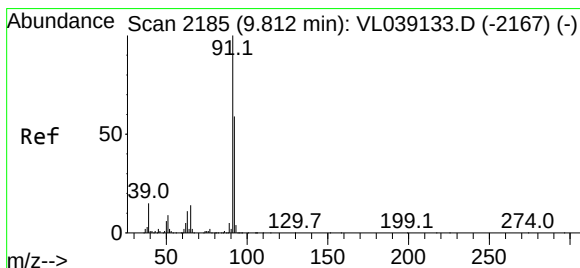
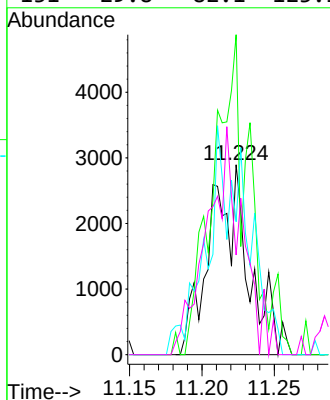
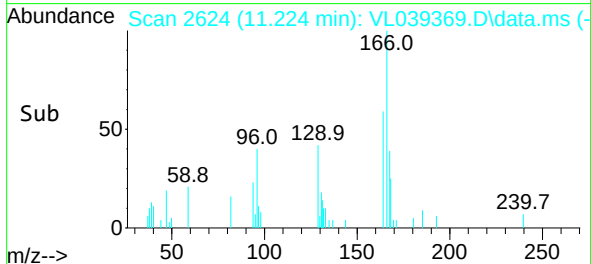
Instrument :
MSVOA_L
ClientSampleId :
IA-2



Tgt Ion:164 Resp: 526
Ion Ratio Lower Upper
164 100
166 168.5 96.3 144.5
129 70.0 82.5 123.7
131 29.8 82.1 123.1#

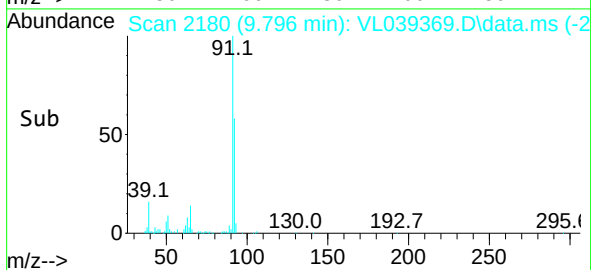
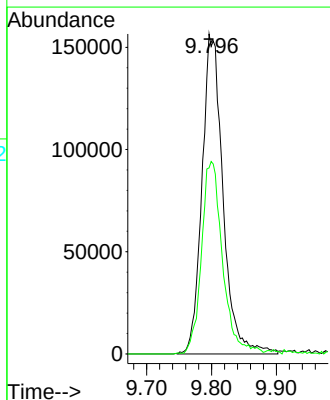
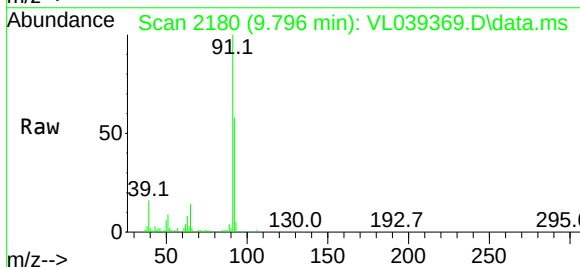
Manual Integrations
APPROVED

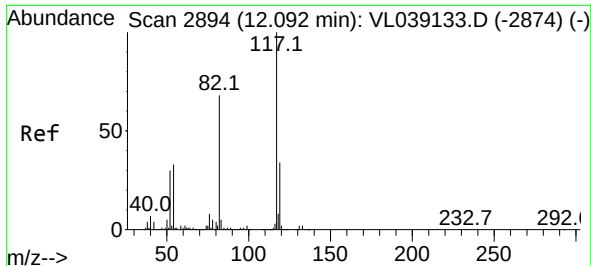
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#53
Toluene
Concen: 1.143 ppbv m
RT: 9.796 min Scan# 2180
Delta R.T. -0.016 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

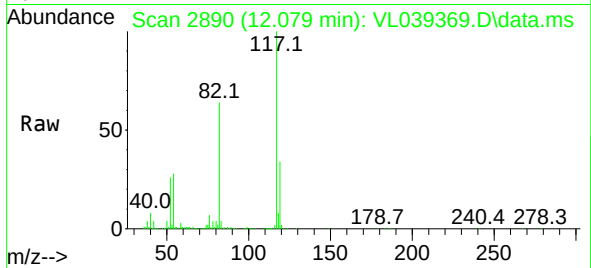
Tgt Ion: 91 Resp: 350723
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

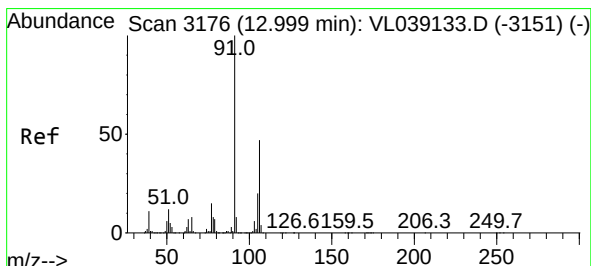
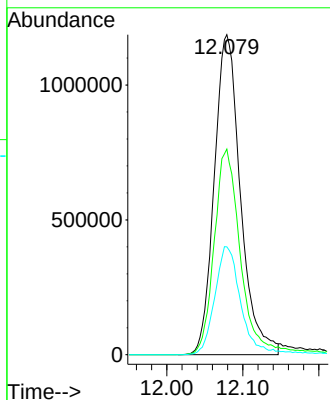
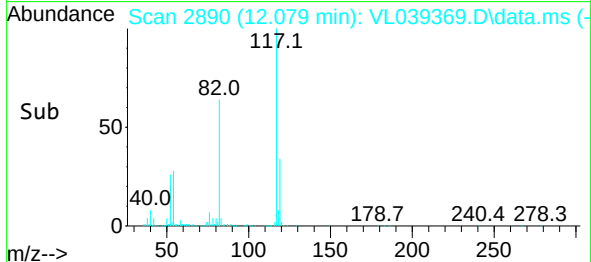
Instrument :
MSVOA_L
ClientSampleId :
IA-2



Tgt Ion: 117 Resp: 2842254
Ion Ratio Lower Upper
117 100
82 65.6 55.1 82.7
119 34.3 24.7 37.1

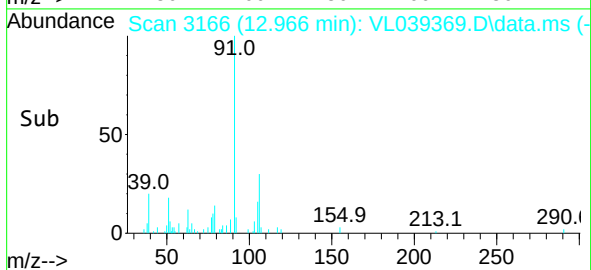
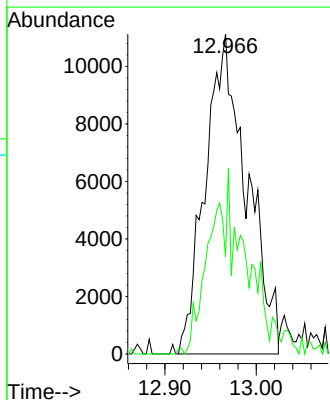
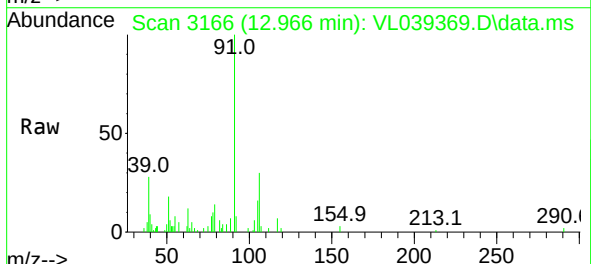
Manual Integrations
APPROVED

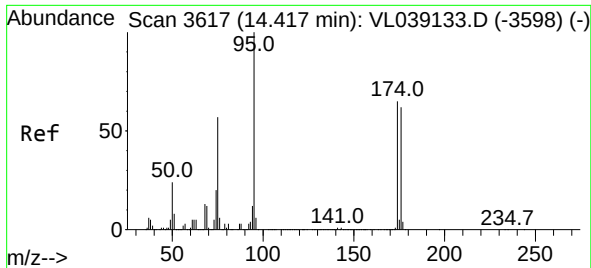
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#59
m/p-Xylene
Concen: 0.102 ppbv m
RT: 12.966 min Scan# 3166
Delta R.T. -0.032 min
Lab File: VL039369.D
Acq: 27 Jun 2022 21:46

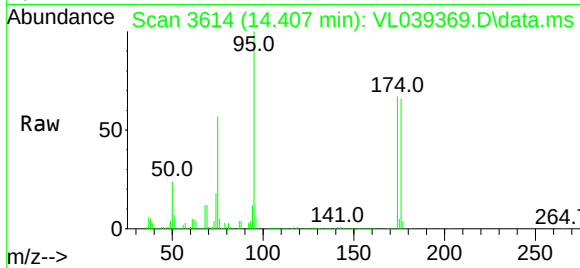
Tgt Ion: 91 Resp: 35054
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.137 ppbv
 RT: 14.407 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: VL039369.D
 Acq: 27 Jun 2022 21:46

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2



Tgt Ion: 95 Resp: 214707

Ion	Ratio	Lower	Upper
95	100		
174	71.2	53.8	80.8
175	4.9	4.1	6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

