

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039985.D
 Acq On : 12 Dec 2022 21:05
 Operator : SY/MD
 Sample : N5971-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 07:09:31 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	5.169	49	1124587	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.632	114	2915210	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2586816	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	2125923	10.760	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.709	85	61968	0.385	ppbv	93
3) Chlorodifluoromethane	2.655	51	76298	0.492	ppbv	94
4) Chloromethane	2.790	50	39927	0.403	ppbv	88
9) Propene	2.684	41	93557	1.280	ppbv	86
11) Trichlorofluoromethane	3.539	101	46470	0.237	ppbv	94
13) Ethanol	3.214	45	2597579	465.435	ppbv	99
15) Acetone	3.446	43	700639	4.697	ppbv	95
20) Methylene Chloride	3.912	84	1723671	23.851	ppbv	96
26) Hexane	5.188	57	1121181	9.371	ppbv #	38
36) Benzene	6.346	78	48635	0.196	ppbv	95
52) Tetrachloroethene	10.600	164	2585m	0.028	ppbv	
53) Toluene	9.201	91	154885	0.549	ppbv	96
59) m/p-Xylene	12.326	91	43199m	0.147	ppbv	

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

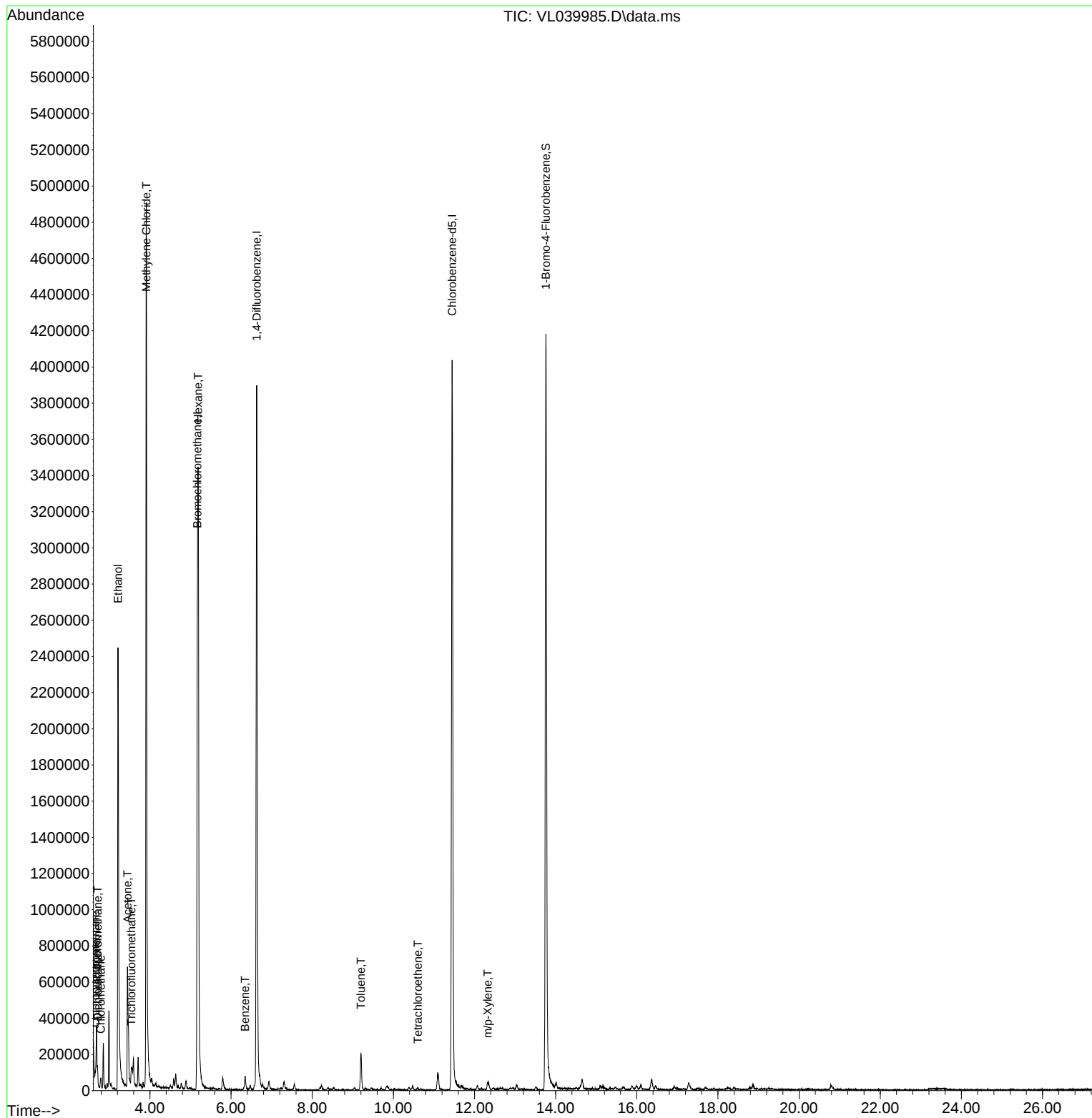
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
Data File : VL039985.D
Acq On : 12 Dec 2022 21:05
Operator : SY/MD
Sample : N5971-07
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

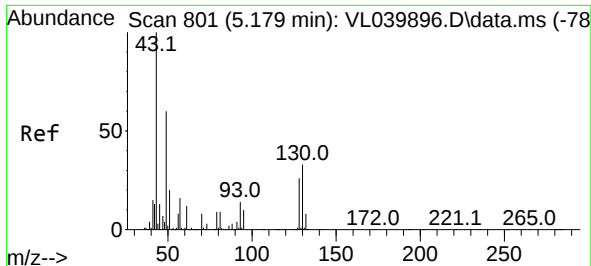
Instrument :
MSVOA_L
ClientSampleId :
OA-1

Quant Time: Dec 13 07:09:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.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

Manual Integrations
APPROVED

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





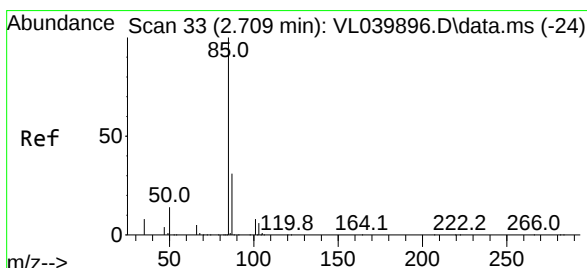
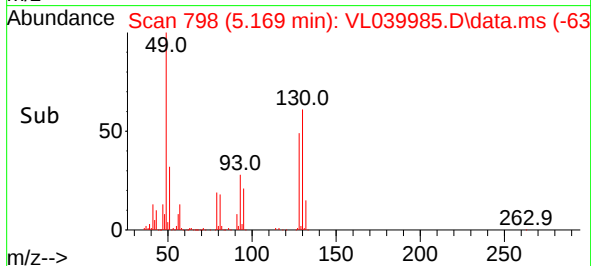
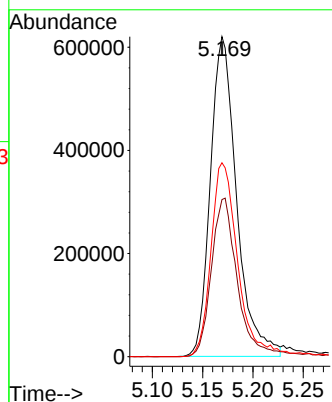
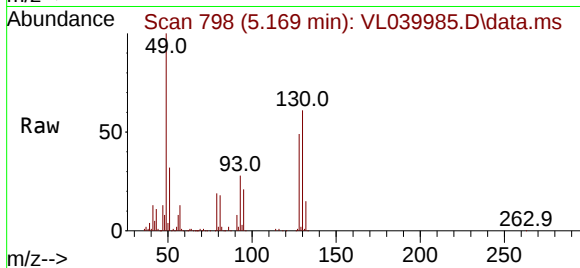
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. 0.013 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion: 49 Resp: 112458
Ion Ratio Lower Upper
49 100
128 50.7 22.1 66.3
130 63.6 27.7 83.1

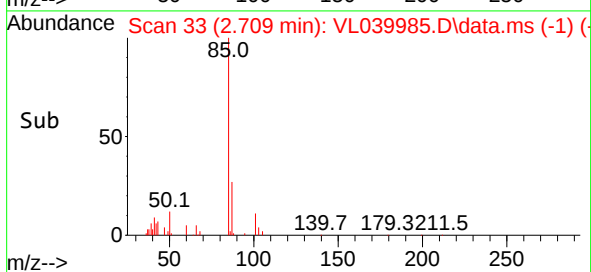
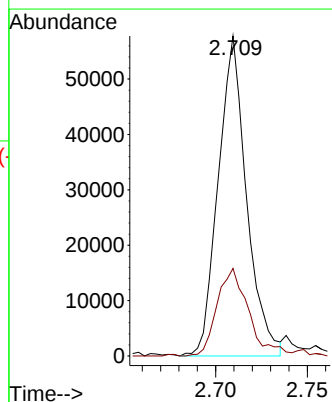
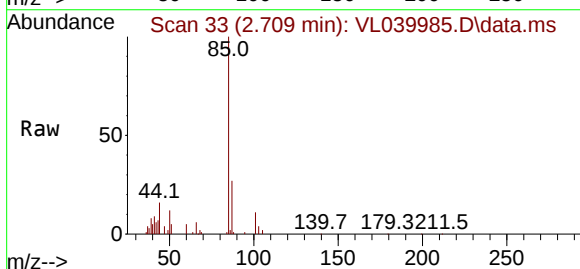
Manual Integrations
APPROVED

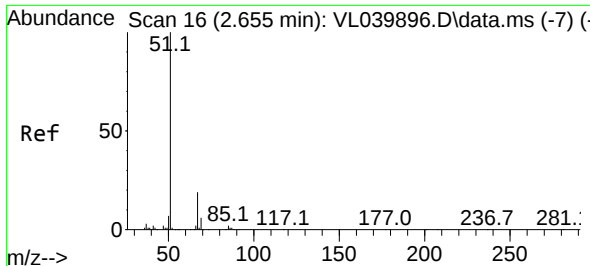
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#2
Dichlorodifluoromethane
Concen: 0.385 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.013 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

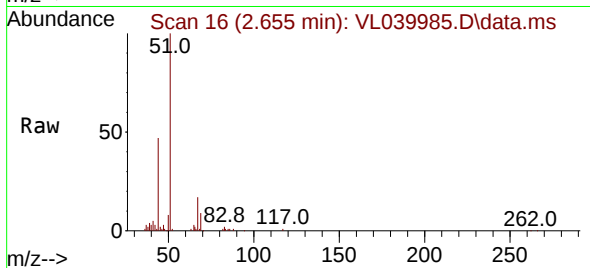
Tgt Ion: 85 Resp: 61968
Ion Ratio Lower Upper
85 100
87 27.3 25.0 37.4





#3
Chlorodifluoromethane
Concen: 0.492 ppbv
RT: 2.655 min Scan# 10
Delta R.T. 0.013 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

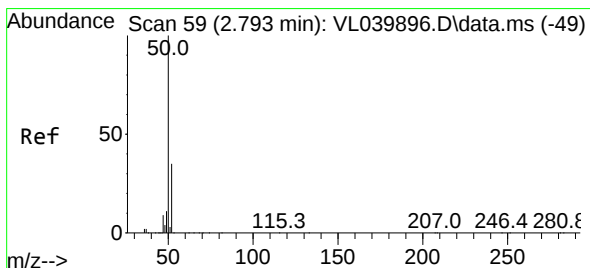
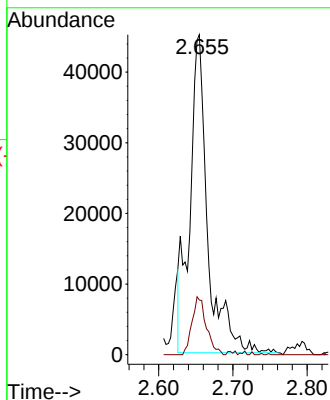
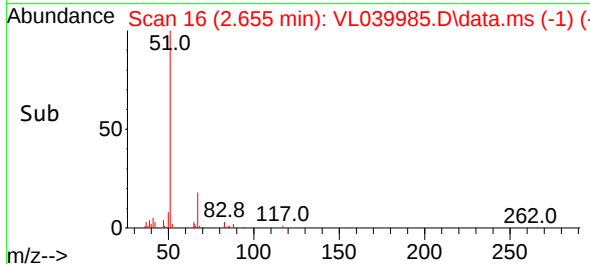
Instrument :
MSVOA_L
ClientSampleId :
OA-1



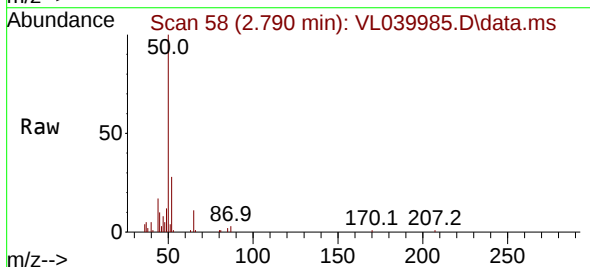
Tgt Ion: 51 Resp: 76298
Ion Ratio Lower Upper
51 100
67 15.1 14.2 21.4

Manual Integrations
APPROVED

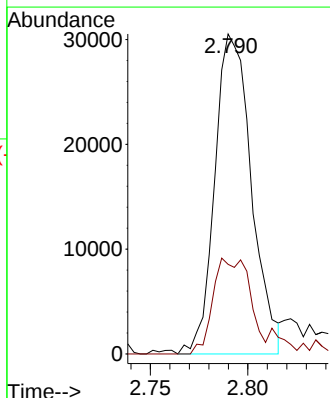
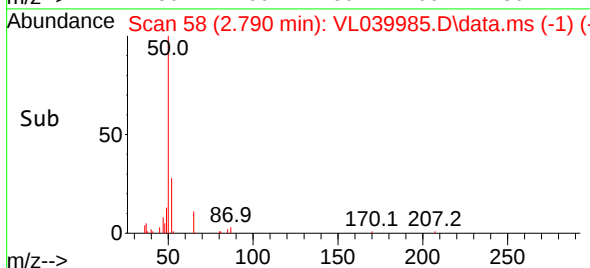
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

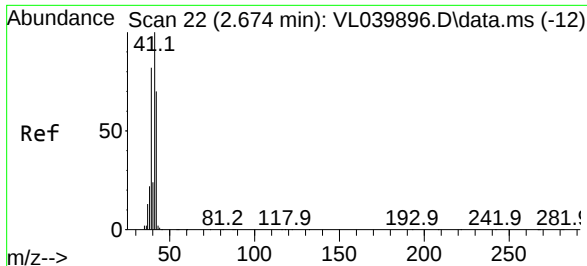


#4
Chloromethane
Concen: 0.403 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.010 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05



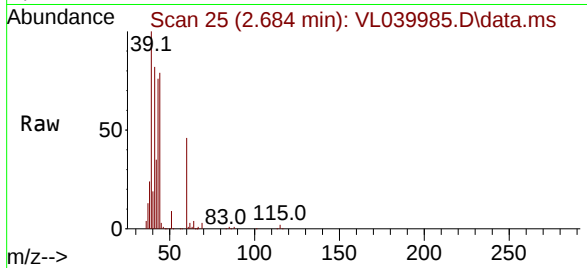
Tgt Ion: 50 Resp: 39927
Ion Ratio Lower Upper
50 100
52 28.0 27.8 41.8





#9
 Propene
 Concen: 1.280 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: VL039985.D
 Acq: 12 Dec 2022 21:05

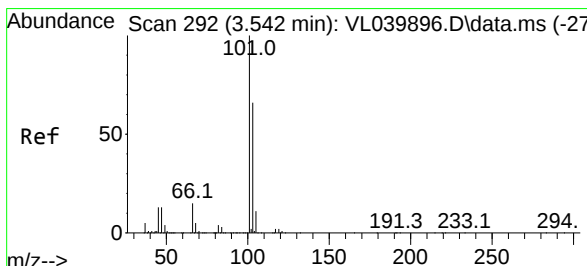
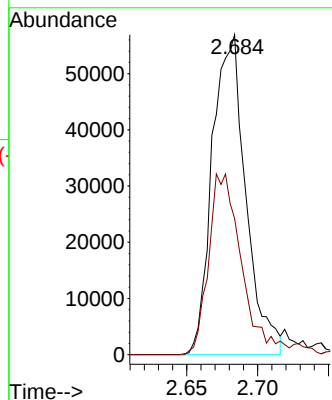
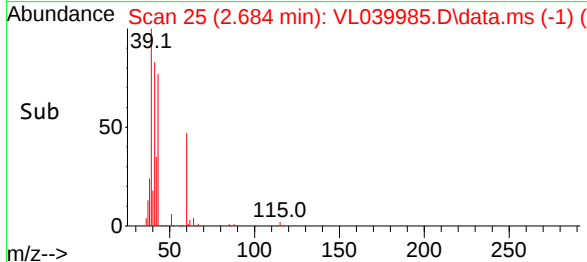
Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1



Tgt Ion: 41 Resp: 9355
 Ion Ratio Lower Upper
 41 100
 42 58.1 55.8 83.6

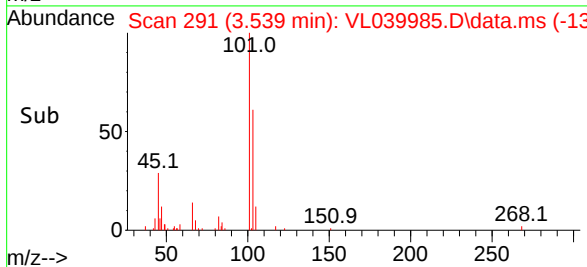
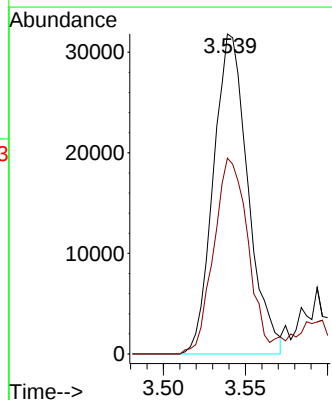
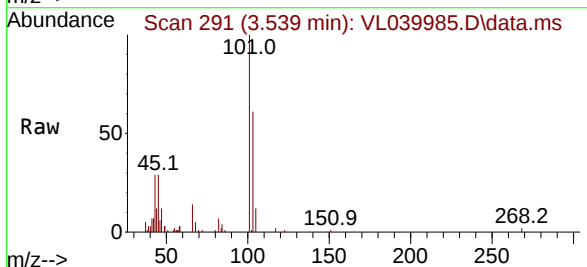
Manual Integrations
 APPROVED

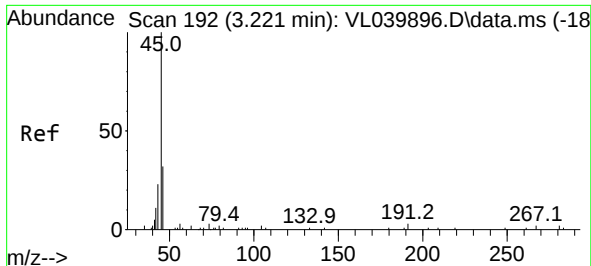
Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#11
 Trichlorofluoromethane
 Concen: 0.237 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL039985.D
 Acq: 12 Dec 2022 21:05

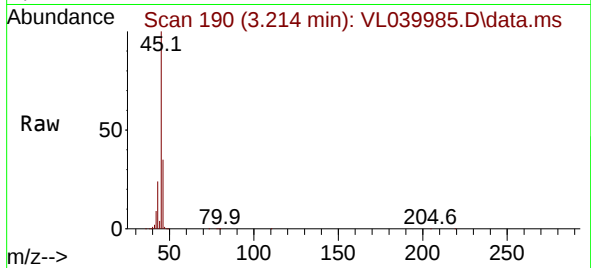
Tgt Ion:101 Resp: 46470
 Ion Ratio Lower Upper
 101 100
 103 61.2 52.6 78.8





#13
Ethanol
Concen: 465.435 ppbv
RT: 3.214 min Scan# 190
Delta R.T. 0.000 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

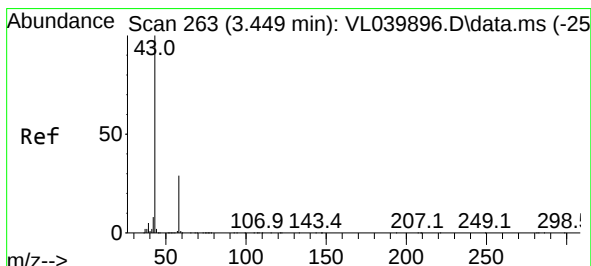
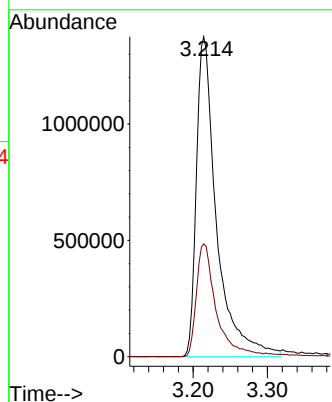
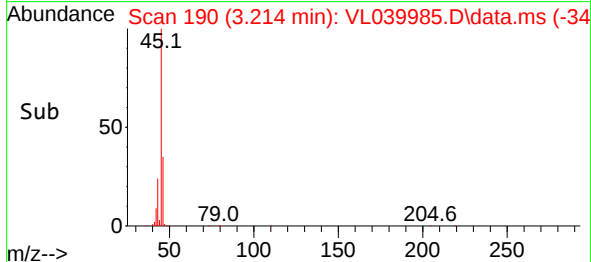
Instrument :
MSVOA_L
ClientSampleId :
OA-1



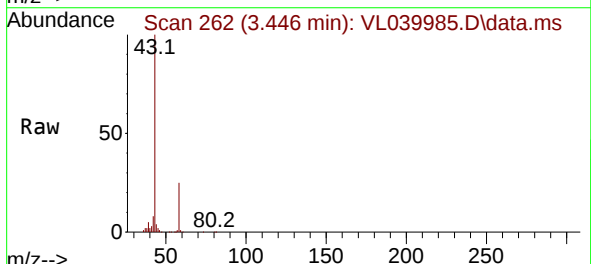
Tgt Ion: 45 Resp: 2597579
Ion Ratio Lower Upper
45 100
46 36.0 14.6 58.2

Manual Integrations
APPROVED

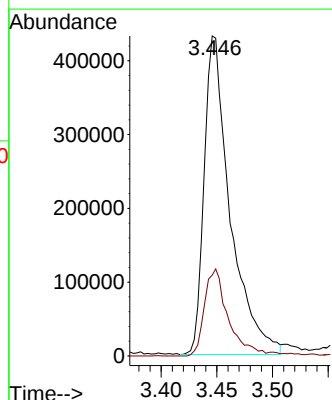
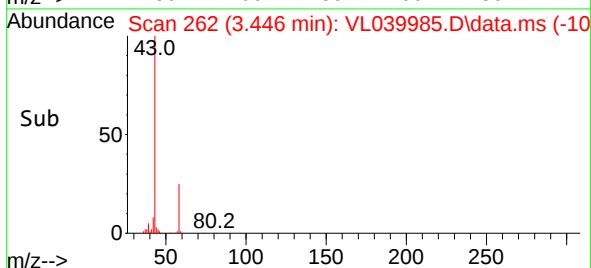
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

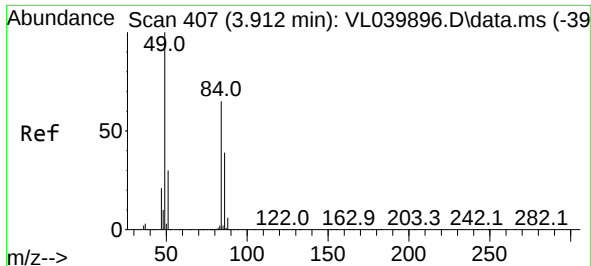


#15
Acetone
Concen: 4.697 ppbv
RT: 3.446 min Scan# 262
Delta R.T. 0.013 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05



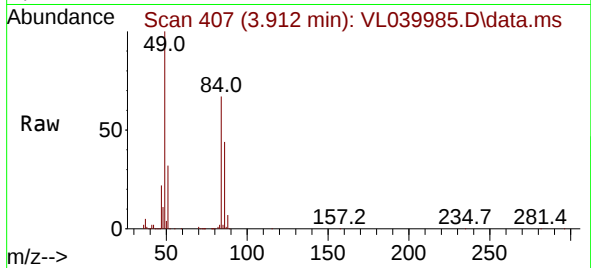
Tgt Ion: 43 Resp: 700639
Ion Ratio Lower Upper
43 100
58 26.1 22.9 34.3





#20
Methylene Chloride
Concen: 23.851 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.016 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA-1

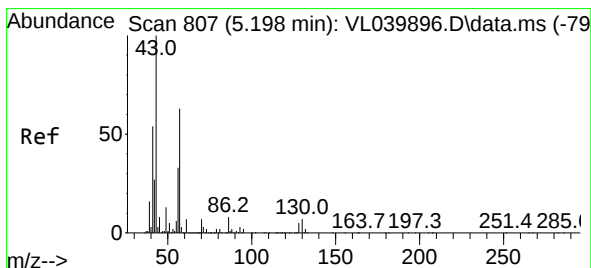
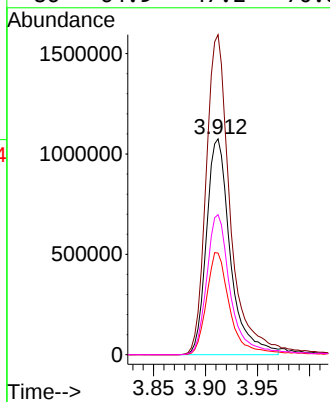
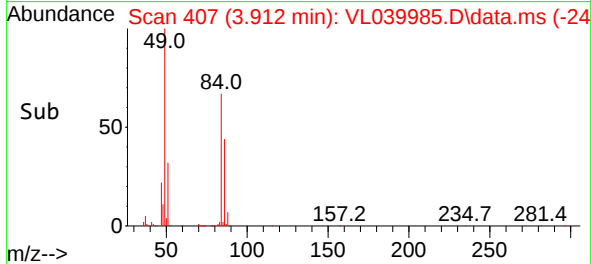


Tgt Ion: 84 Resp: 172367

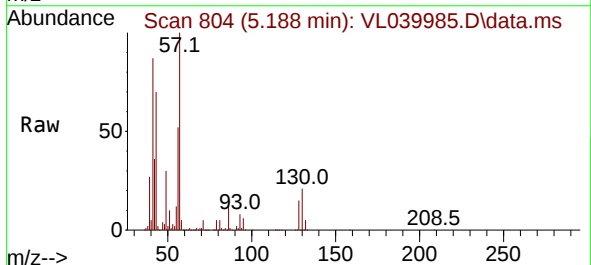
Ion	Ratio	Lower	Upper
84	100		
49	148.3	122.2	183.4
51	47.1	36.3	54.5
86	64.9	47.2	70.8

Manual Integrations
APPROVED

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

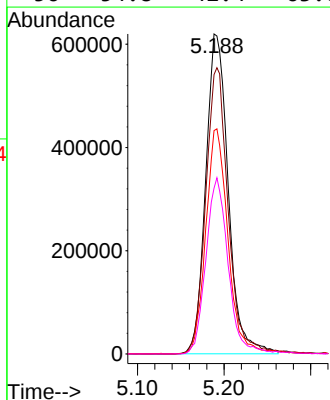
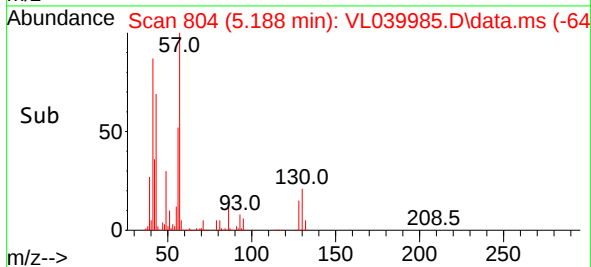


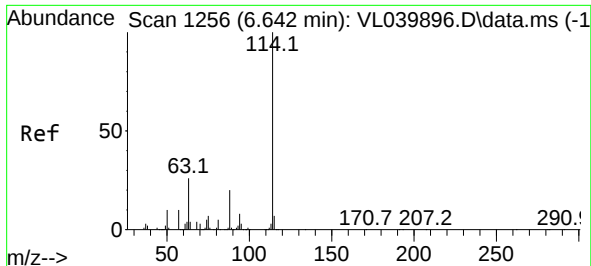
#26
Hexane
Concen: 9.371 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.013 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05



Tgt Ion: 57 Resp: 1121181

Ion	Ratio	Lower	Upper
57	100		
41	90.0	72.3	108.5
43	70.1	188.7	283.1#
56	54.8	42.4	63.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1164

Delta R.T. 0.013 min

Lab File: VL039985.D

Acq: 12 Dec 2022 21:05

Instrument :

MSVOA_L

ClientSampleId :

OA-1

Tgt Ion:114 Resp: 2915210

Ion Ratio Lower Upper

114 100

63 25.4 21.4 32.0

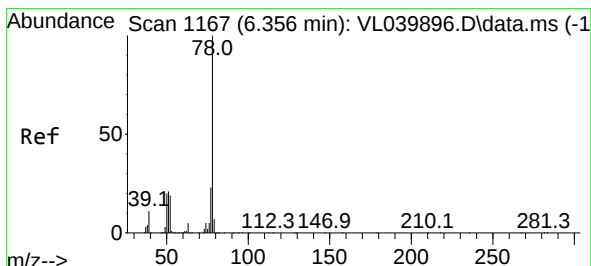
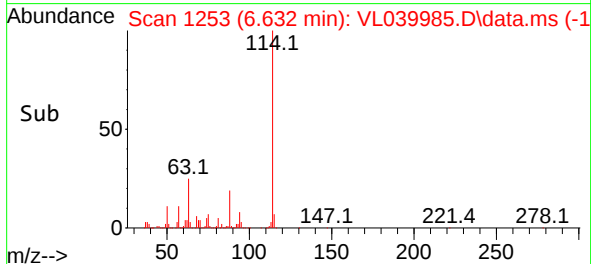
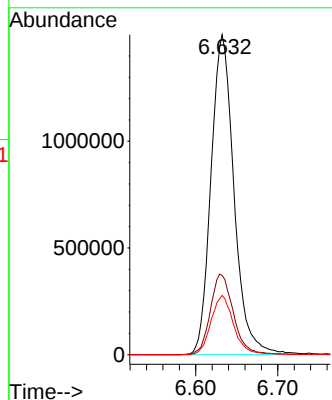
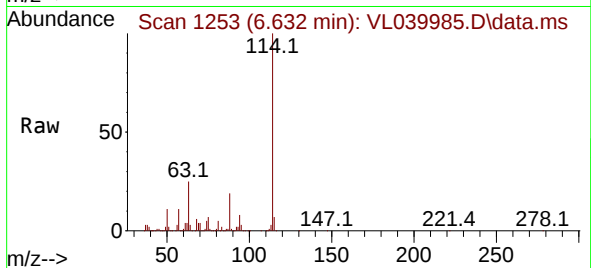
88 18.4 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#36

Benzene

Concen: 0.196 ppbv

RT: 6.346 min Scan# 1164

Delta R.T. 0.013 min

Lab File: VL039985.D

Acq: 12 Dec 2022 21:05

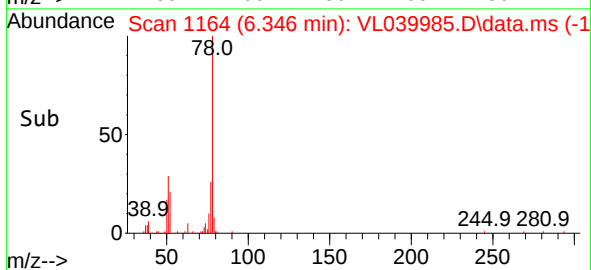
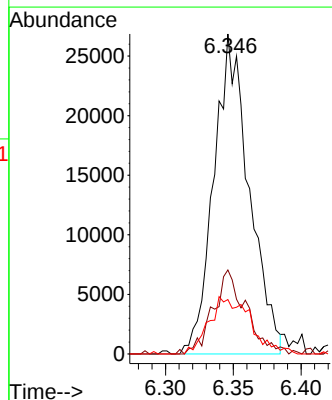
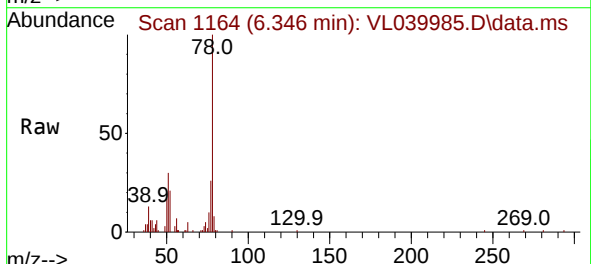
Tgt Ion: 78 Resp: 48635

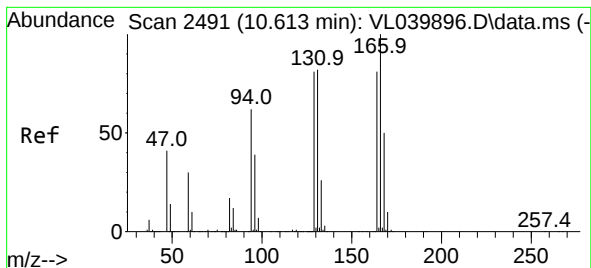
Ion Ratio Lower Upper

78 100

77 24.9 18.2 27.2

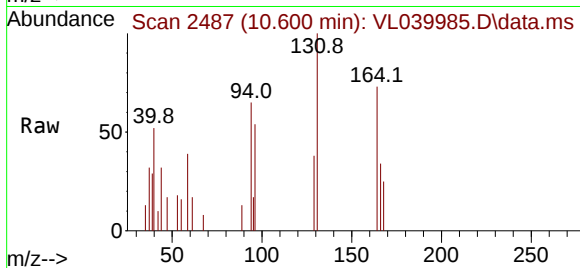
50 17.0 15.8 23.8





#52
Tetrachloroethene
Concen: 0.028 ppbv m
RT: 10.600 min Scan# 2491
Delta R.T. 0.019 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

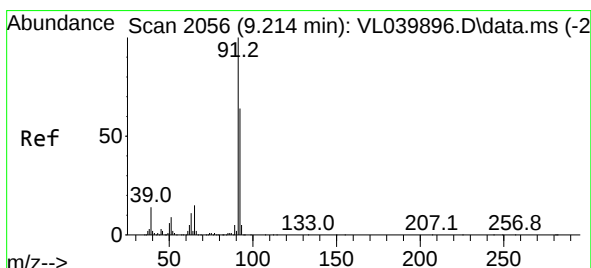
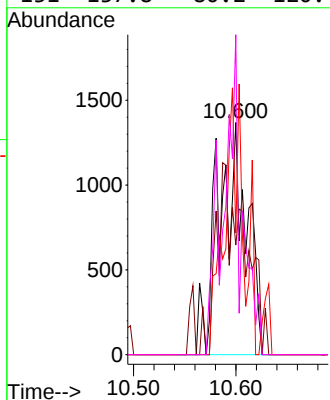
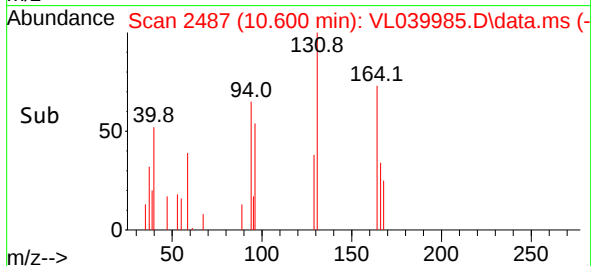
Instrument :
MSVOA_L
ClientSampleId :
OA-1



Tgt Ion:164 Resp: 2589
Ion Ratio Lower Upper
164 100
166 47.2 98.3 147.5
129 52.4 79.7 119.5
131 137.8 80.2 120.4#

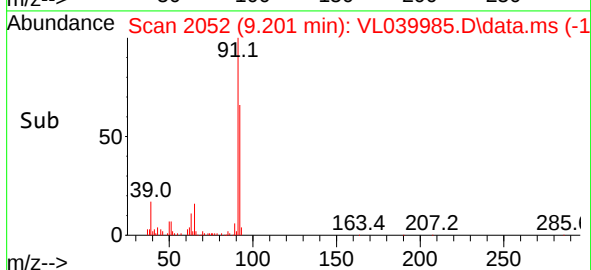
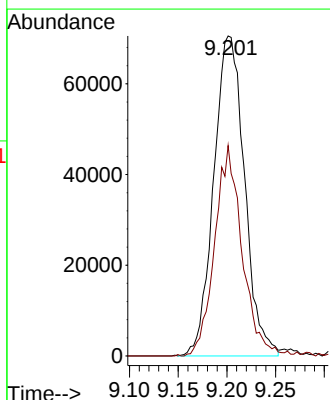
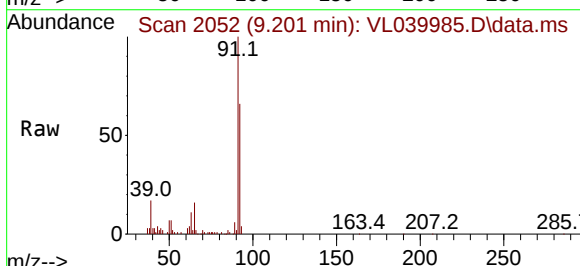
Manual Integrations
APPROVED

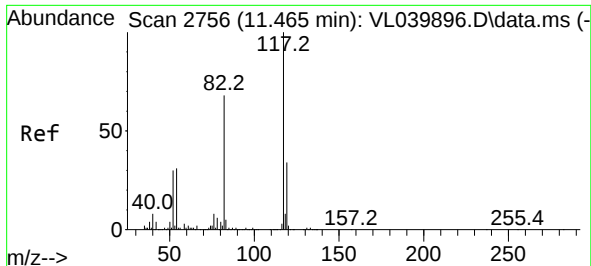
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#53
Toluene
Concen: 0.549 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. 0.016 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

Tgt Ion: 91 Resp: 154885
Ion Ratio Lower Upper
91 100
92 59.4 49.8 74.6





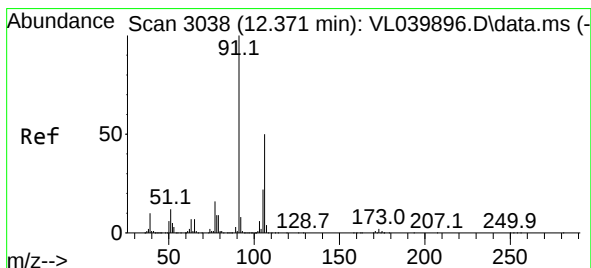
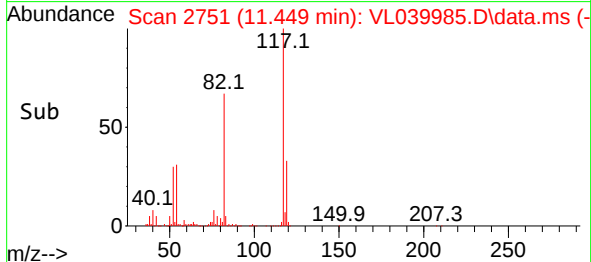
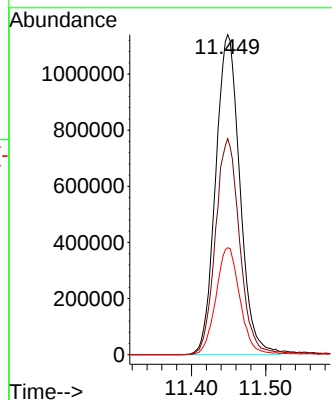
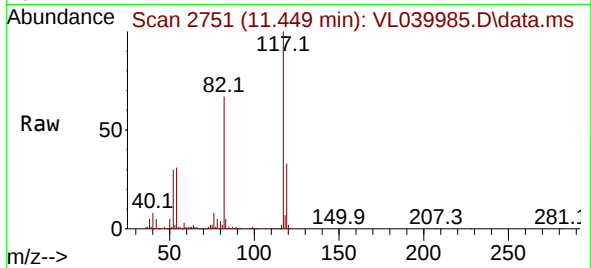
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Tgt Ion:117 Resp: 2586810
Ion Ratio Lower Upper
117 100
82 68.6 52.3 78.5
119 33.3 25.7 38.5

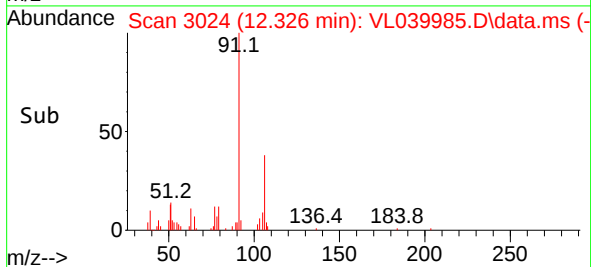
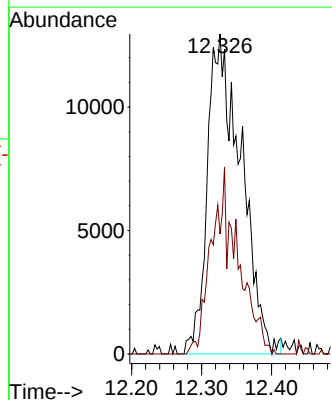
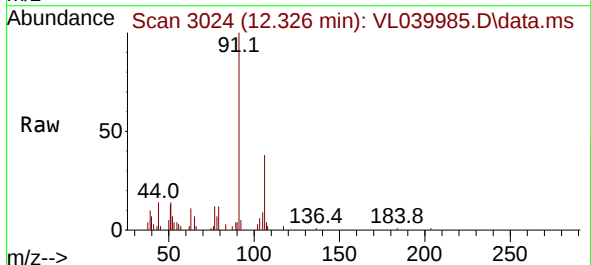
Manual Integrations
APPROVED

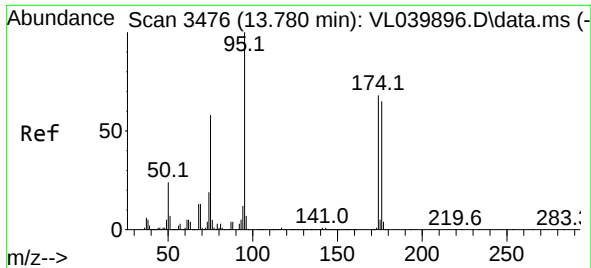
Reviewed By :Semsettin Yesilyurt 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#59
m/p-Xylene
Concen: 0.147 ppbv m
RT: 12.326 min Scan# 3024
Delta R.T. -0.013 min
Lab File: VL039985.D
Acq: 12 Dec 2022 21:05

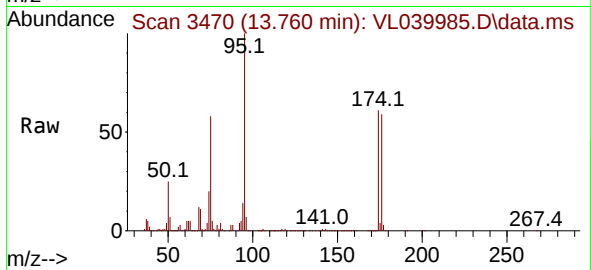
Tgt Ion: 91 Resp: 43199
Ion Ratio Lower Upper
91 100
106 0.0 37.0 55.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.760 ppbv
 RT: 13.760 min Scan# 3476
 Delta R.T. 0.019 min
 Lab File: VL039985.D
 Acq: 12 Dec 2022 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1



Tgt Ion: 95 Resp: 212592
 Ion Ratio Lower Upper
 95 100
 174 60.7 53.7 80.5
 175 4.3 4.0 6.0

Manual Integrations
 APPROVED

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

