

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040339.D
 Acq On : 12 Apr 2023 13:57
 Operator : SY/MD
 Sample : 02302-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-17_20230411DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 05:37:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1112224	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2830708	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2511329	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	1987935	9.453	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.500%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	39445	0.736	ppbv	90
13) Ethanol	3.240	45	58495	14.886	ppbv	99
15) Acetone	3.465	43	481387	3.555	ppbv	97
19) Isopropyl Alcohol	3.578	45	117132	1.806	ppbv #	1
20) Methylene Chloride	3.925	84	206626	3.627	ppbv	93
26) Hexane	5.211	57	186533	1.793	ppbv #	37
34) 2-Butanone	4.793	43	25197	0.180	ppbv	98
52) Tetrachloroethene	10.619	164	3338m	0.051	ppbv	
53) Toluene	9.227	91	22886m	0.101	ppbv	

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

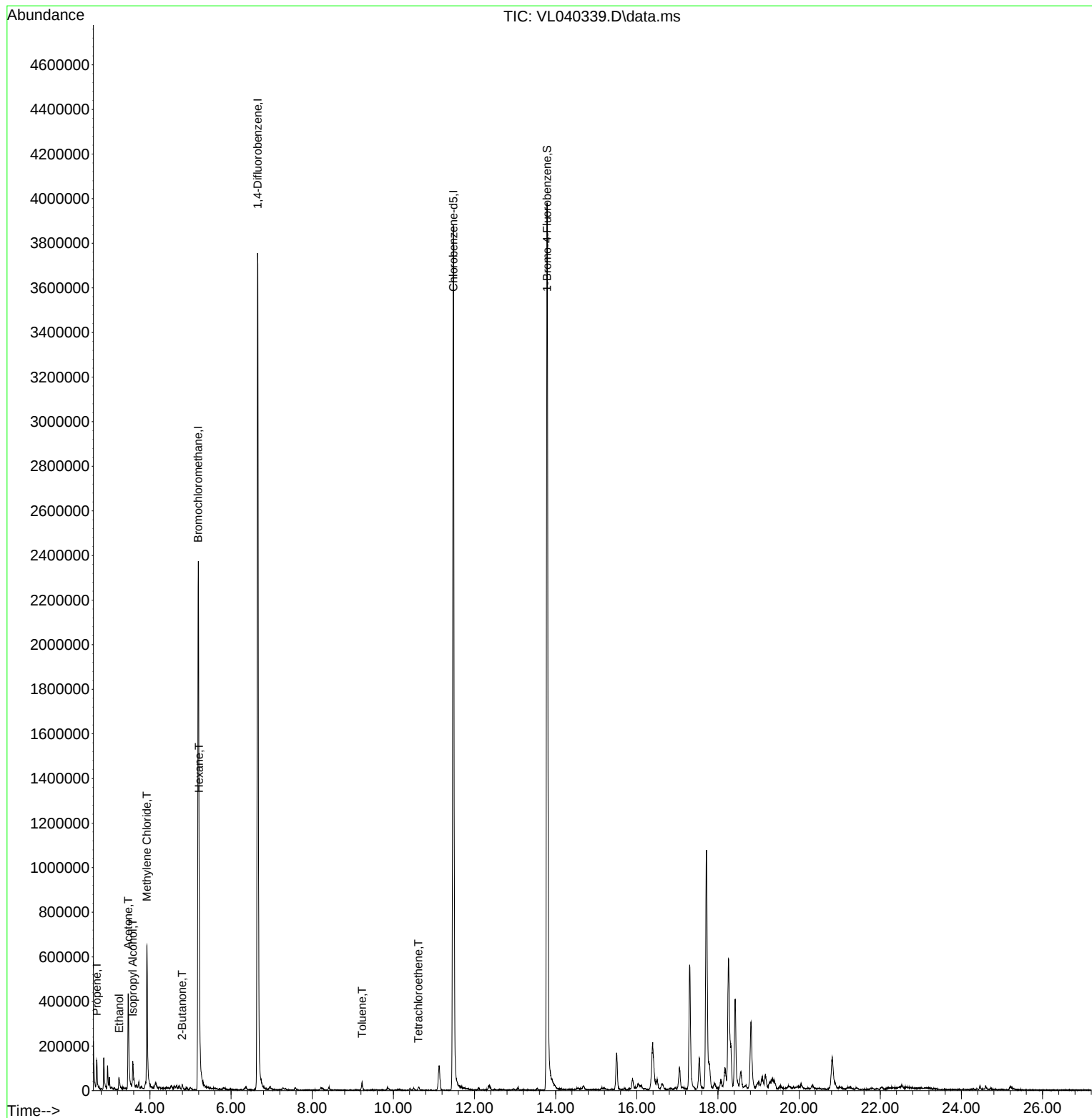
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
Data File : VL040339.D
Acq On : 12 Apr 2023 13:57
Operator : SY/MD
Sample : 02302-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

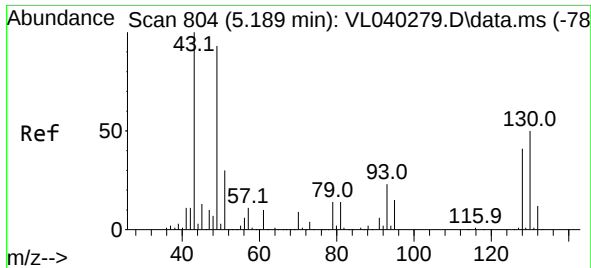
Instrument :
MSVOA_L
ClientSampleId :
SV-17_20230411DL

Quant Time: Apr 13 05:37:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Apr 11 04:15:53 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

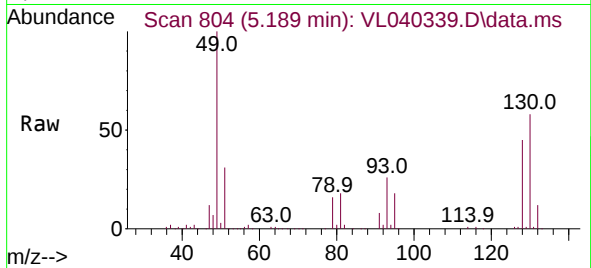
Reviewed By : Semsettin Yesilyurt 04/13/2023
Supervised By : Mahesh Dadoda 04/13/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

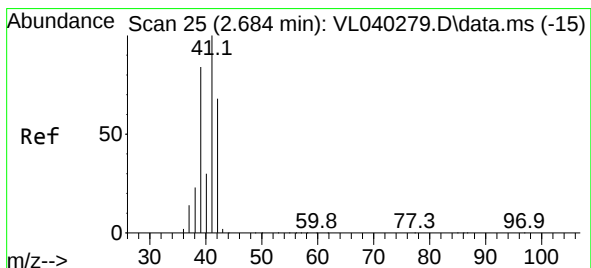
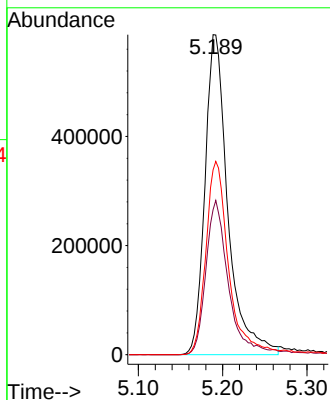
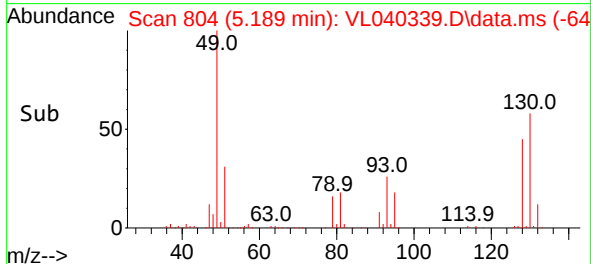
Instrument :
MSVOA_L
ClientSampleId :
SV-17_20230411DL



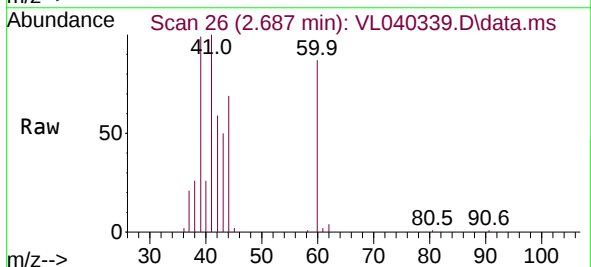
Tgt Ion: 49 Resp: 1112224
Ion Ratio Lower Upper
49 100
128 48.9 22.4 67.3
130 62.2 28.7 86.1

Manual Integrations
APPROVED

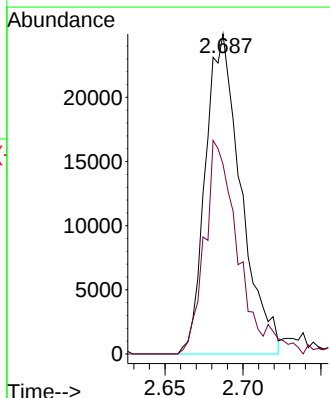
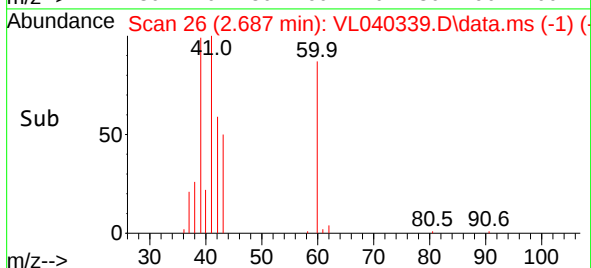
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

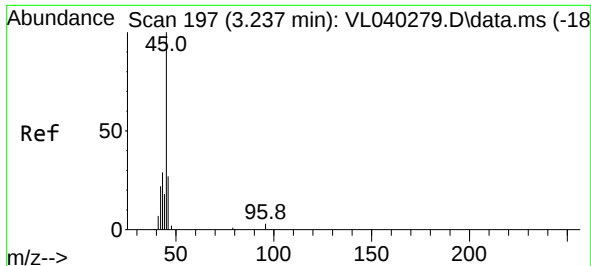


#9
Propene
Concen: 0.736 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.003 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57



Tgt Ion: 41 Resp: 39445
Ion Ratio Lower Upper
41 100
42 65.1 59.0 88.4





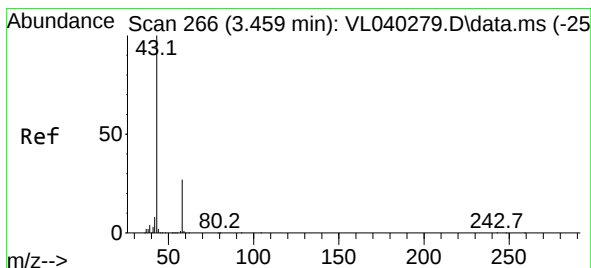
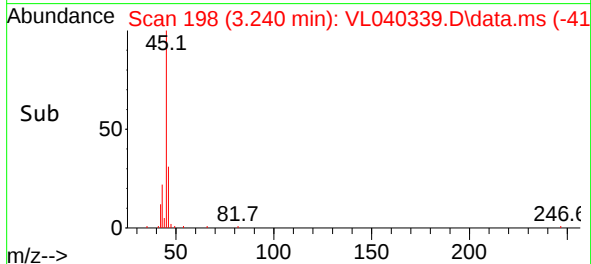
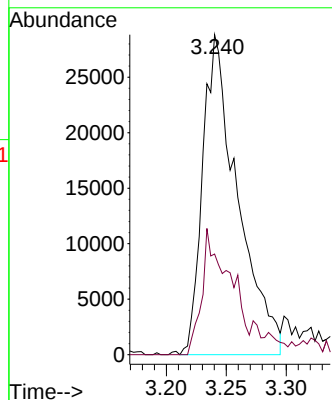
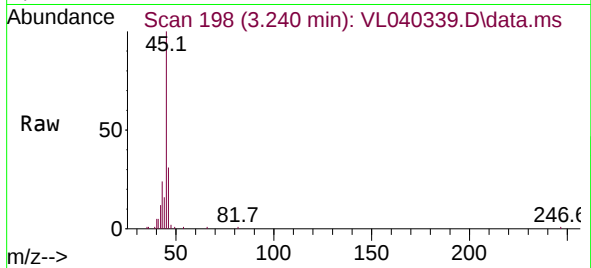
#13
Ethanol
Concen: 14.886 ppbv
RT: 3.240 min Scan# 197
Delta R.T. 0.003 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

Instrument :
MSVOA_L
ClientSampleId :
SV-17_20230411DL

Tgt Ion: 45 Resp: 5849
Ion Ratio Lower Upper
45 100
46 37.1 15.0 60.2

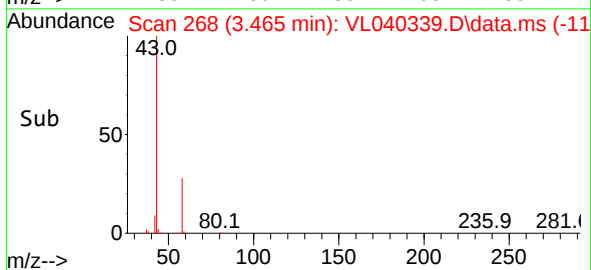
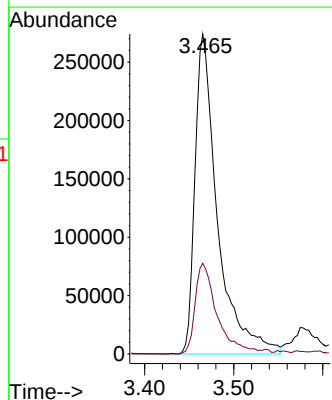
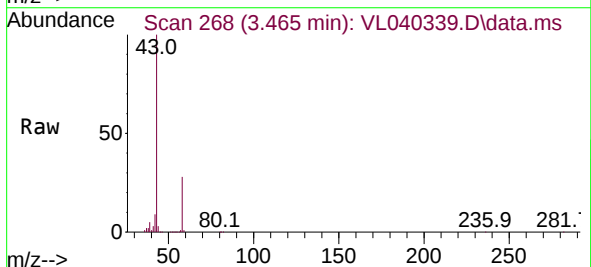
Manual Integrations
APPROVED

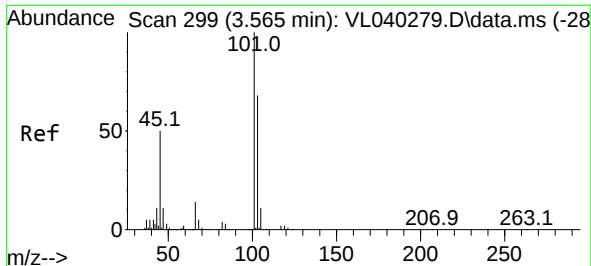
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#15
Acetone
Concen: 3.555 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.006 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

Tgt Ion: 43 Resp: 481387
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.8





#19

Isopropyl Alcohol

Concen: 1.806 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.013 min

Lab File: VL040339.D

Acq: 12 Apr 2023 13:57

Instrument :

MSVOA_L

ClientSampleId :

SV-17_20230411DL

Tgt Ion: 45 Resp: 11713

Ion Ratio Lower Upper

45 100

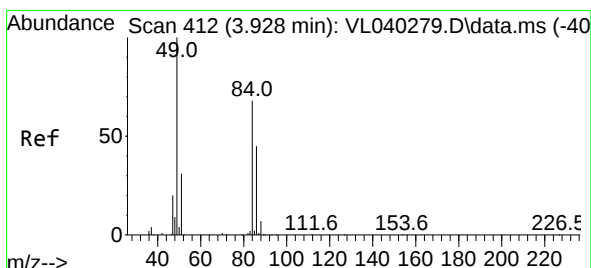
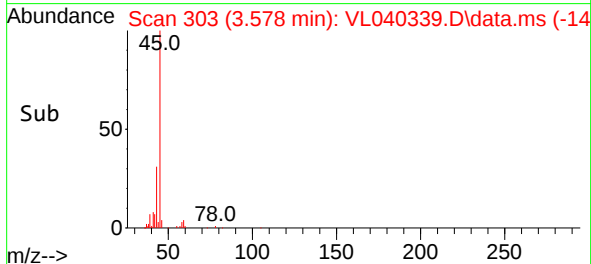
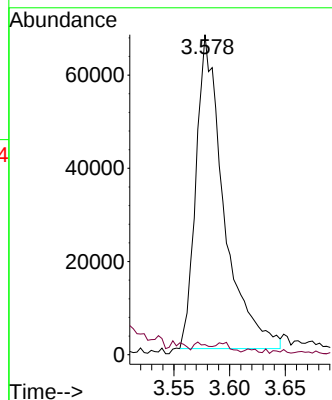
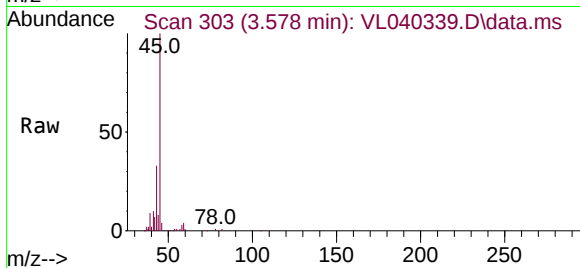
58 117.7 2.7 4.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#20

Methylene Chloride

Concen: 3.627 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.003 min

Lab File: VL040339.D

Acq: 12 Apr 2023 13:57

Tgt Ion: 84 Resp: 206626

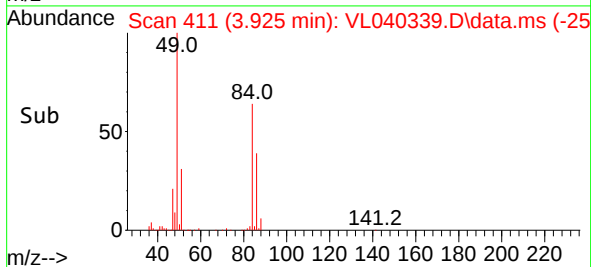
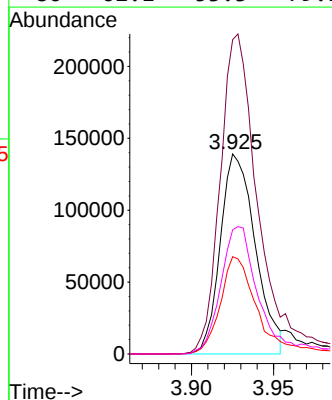
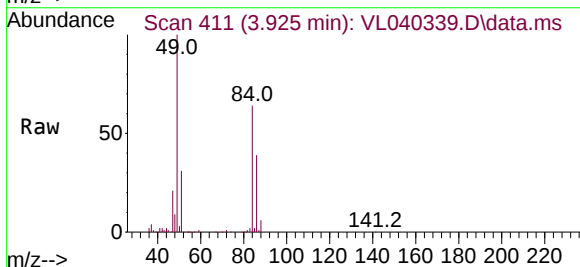
Ion Ratio Lower Upper

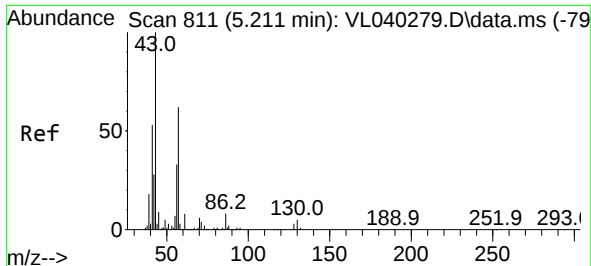
84 100

49 157.2 117.5 176.3

51 48.4 36.9 55.3

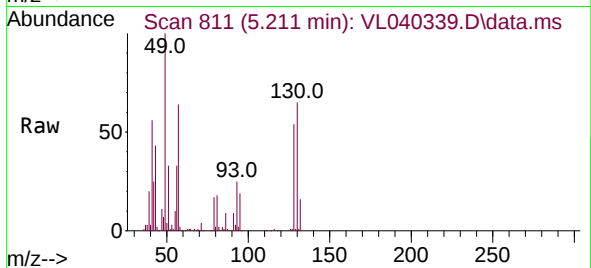
86 62.1 53.3 79.9





#26
Hexane
Concen: 1.793 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

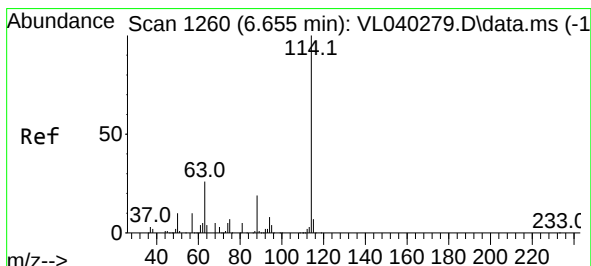
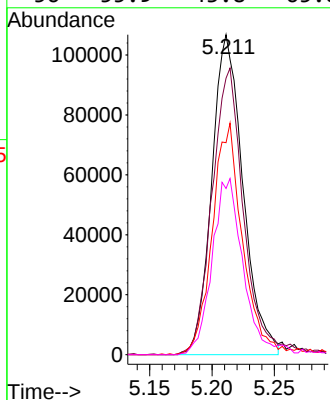
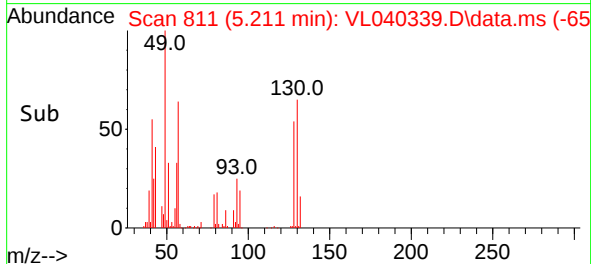
Instrument :
MSVOA_L
ClientSampleId :
SV-17_20230411DL



Tgt Ion: 57 Resp: 18653
Ion Ratio Lower Upper
57 100
41 92.6 73.5 110.3
43 71.6 196.3 294.5
56 55.9 43.8 65.8

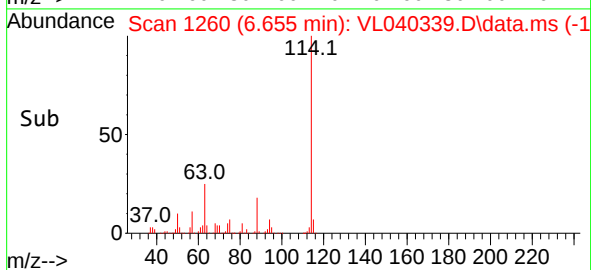
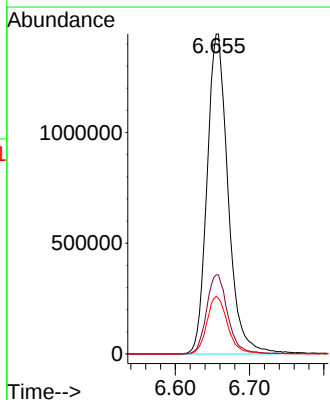
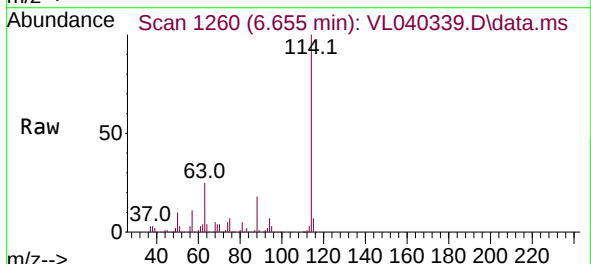
Manual Integrations
APPROVED

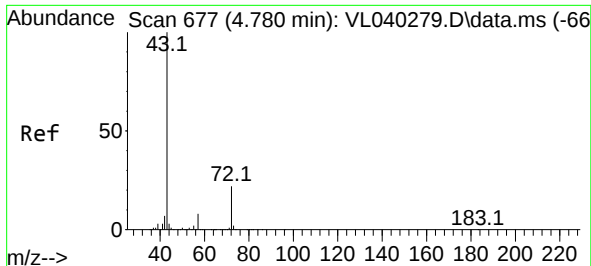
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

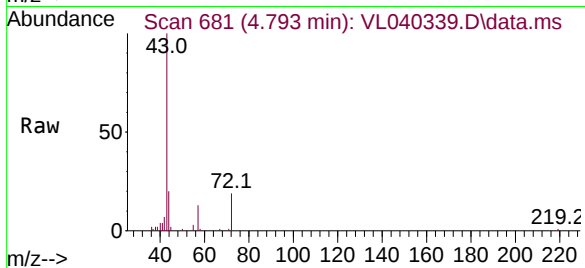
Tgt Ion:114 Resp: 2830708
Ion Ratio Lower Upper
114 100
63 25.3 21.2 31.8
88 18.0 14.5 21.7





#34
2-Butanone
Concen: 0.180 ppbv
RT: 4.793 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

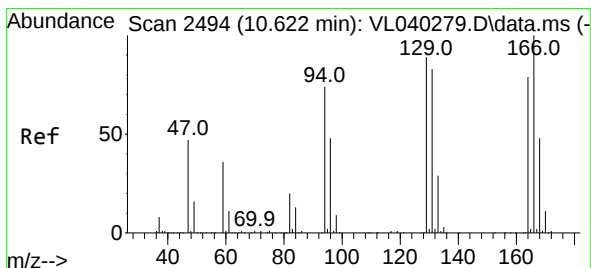
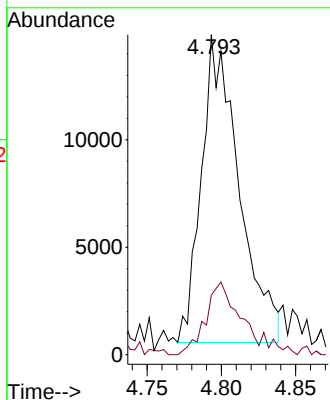
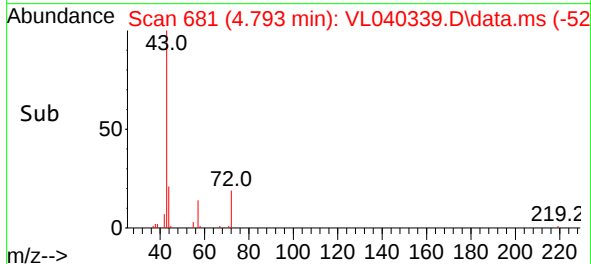
Instrument :
MSVOA_L
ClientSampleId :
SV-17_20230411DL



Tgt Ion: 43 Resp: 2519
Ion Ratio Lower Upper
43 100
72 24.0 18.3 27.5

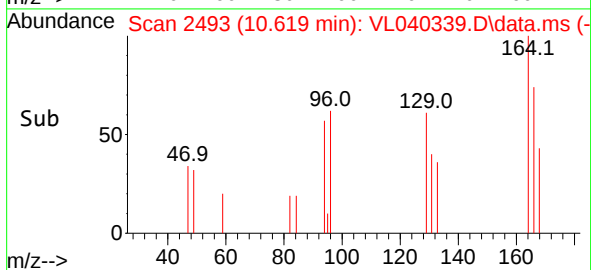
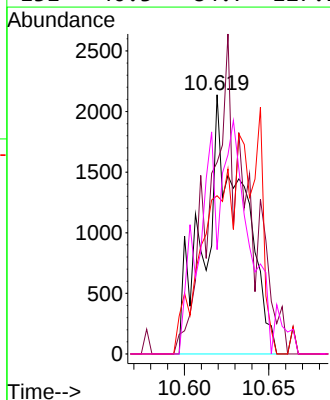
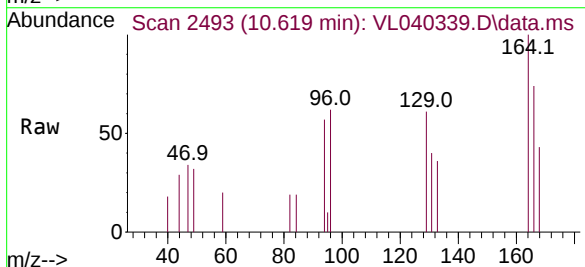
Manual Integrations
APPROVED

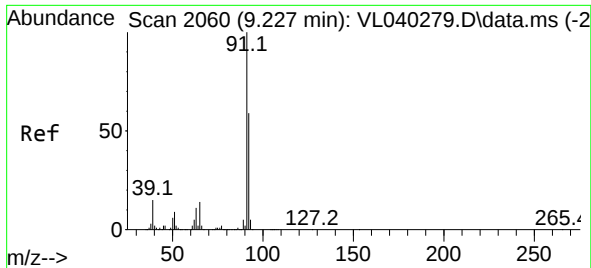
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Tetrachloroethene
Concen: 0.051 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

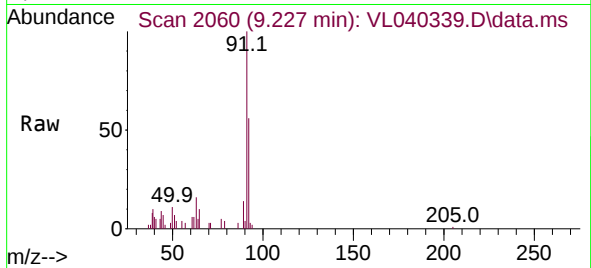
Tgt Ion:164 Resp: 3338
Ion Ratio Lower Upper
164 100
166 74.0 101.8 152.6#
129 61.1 90.2 135.2#
131 40.3 84.7 127.1#





#53
Toluene
Concen: 0.101 ppbv m
RT: 9.227 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

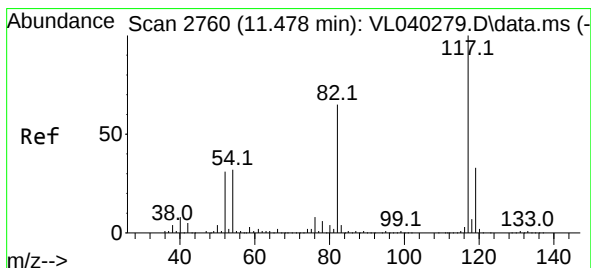
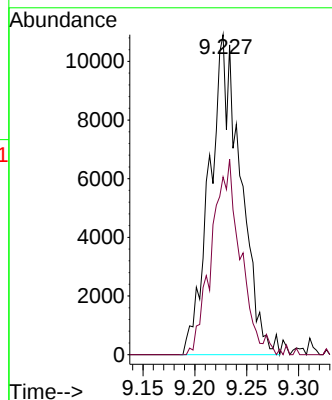
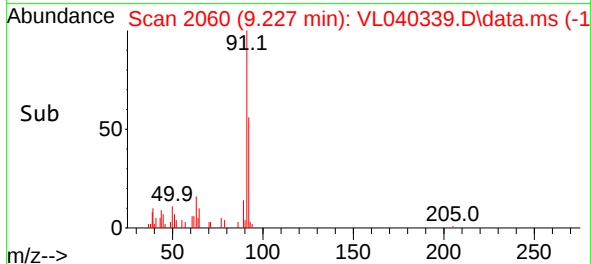
Instrument :
MSVOA_L
ClientSampleId :
SV-17_20230411DL



Tgt Ion: 91 Resp: 22880
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0

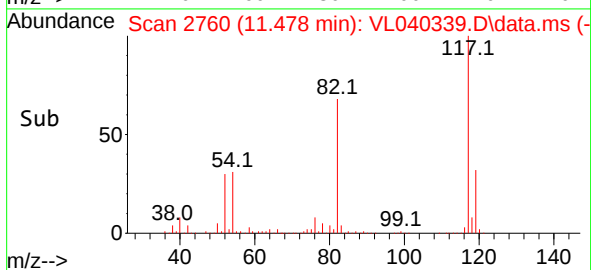
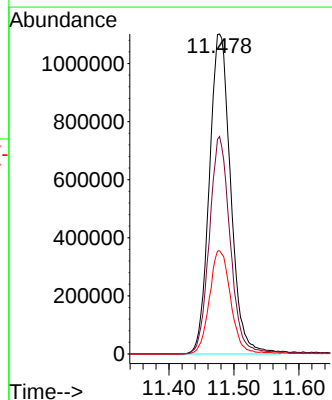
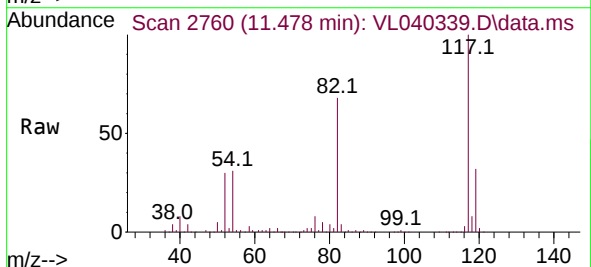
Manual Integrations
APPROVED

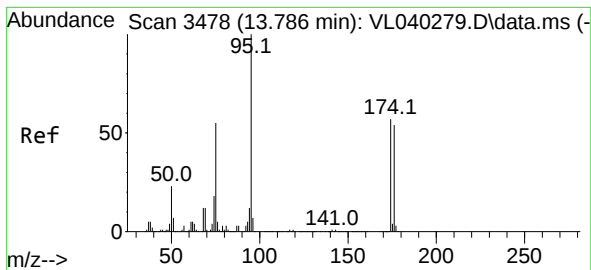
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040339.D
Acq: 12 Apr 2023 13:57

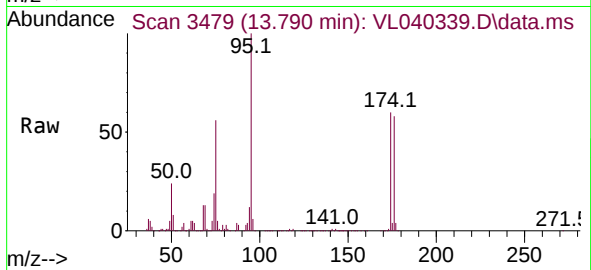
Tgt Ion:117 Resp: 2511329
Ion Ratio Lower Upper
117 100
82 67.3 51.4 77.2
119 32.5 24.0 36.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.453 ppbv
 RT: 13.790 min Scan# 3478
 Delta R.T. 0.004 min
 Lab File: VL040339.D
 Acq: 12 Apr 2023 13:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-17_20230411DL



Tgt Ion: 95 Resp: 1987938
 Ion Ratio Lower Upper
 95 100
 174 60.1 47.0 70.6
 175 4.3 3.4 5.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

