

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041217.D
 Acq On : 6 May 2024 14:21
 Operator : SY/MD
 Sample : P2334-06DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-IA01-20240425DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024
 Supervised By :Mahesh Dadoda 05/07/2024

Quant Time: May 07 05:24:14 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue May 07 05:19:44 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	895791	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2281254	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2066963	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1573928	10.086	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.900%	
Target Compounds						
						Qvalue
4) Chloromethane	2.819	50	5985	0.112	ppbv	98
9) Propene	2.713	41	16570m	0.311	ppbv	
13) Ethanol	3.250	45	70791	5.931	ppbv	91
15) Acetone	3.475	43	252608	2.389	ppbv	93
20) Methylene Chloride	3.938	84	244736	6.657	ppbv	98
26) Hexane	5.214	57	212317	2.255	ppbv #	41
34) 2-Butanone	4.809	43	24732m	0.213	ppbv	
53) Toluene	9.224	91	40453m	0.182	ppbv	

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

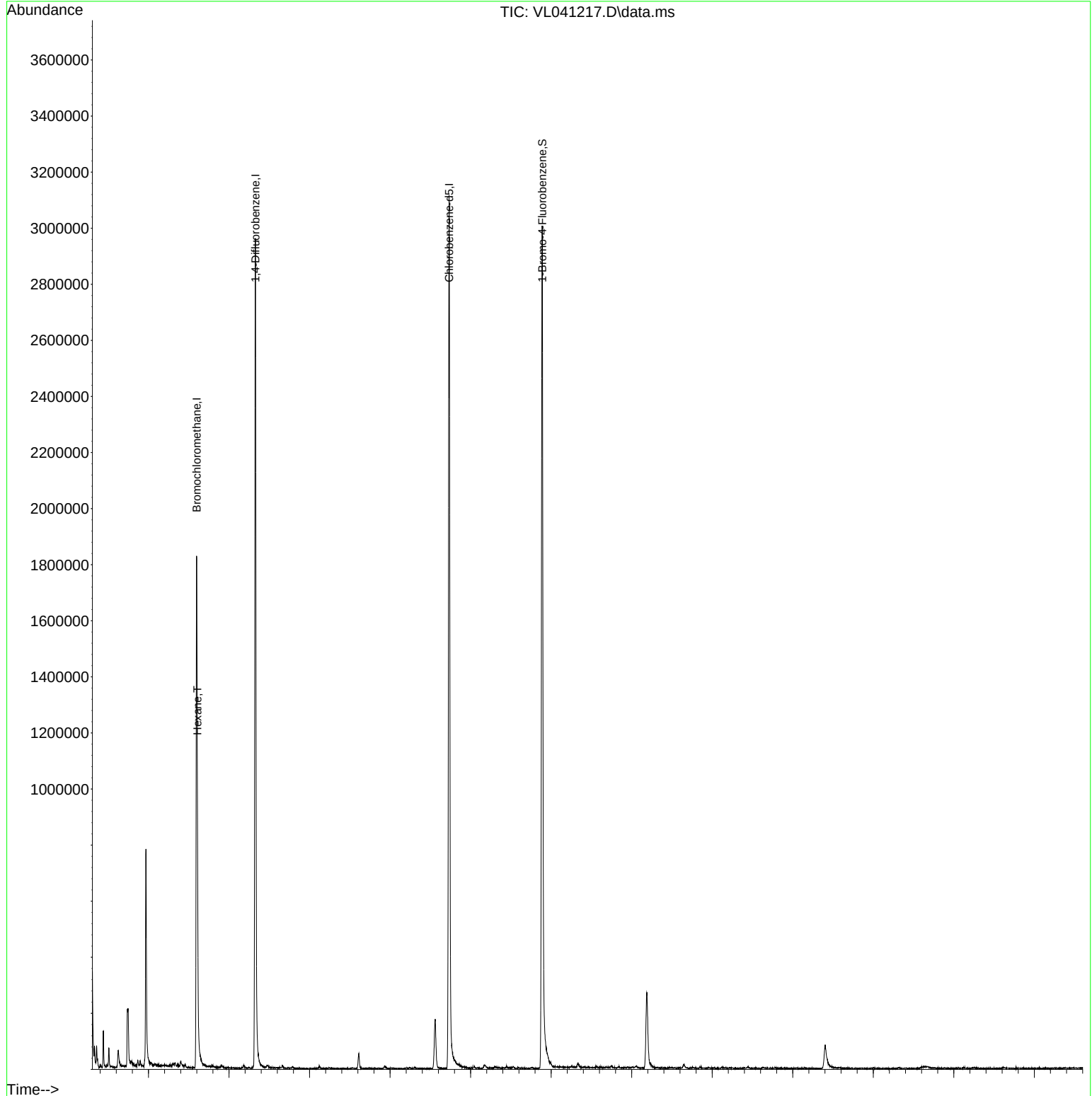
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
Data File : VL041217.D
Acq On : 6 May 2024 14:21
Operator : SY/MD
Sample : P2334-06DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

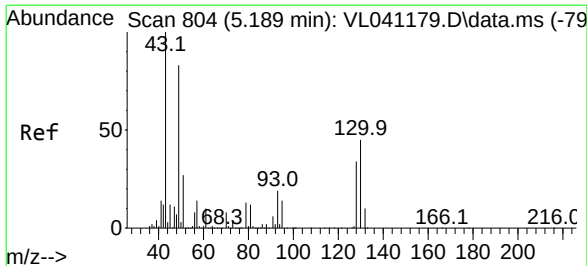
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA01-20240425DL

Quant Time: May 07 05:24:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue May 07 05:19:44 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

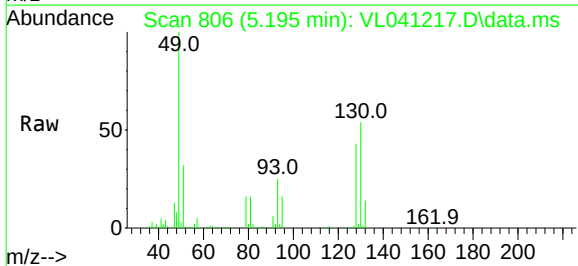
Reviewed By : Semsettin Yesilyurt 05/07/2024
Supervised By : Mahesh Dadoda 05/07/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

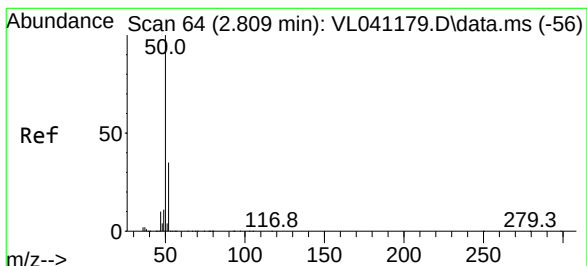
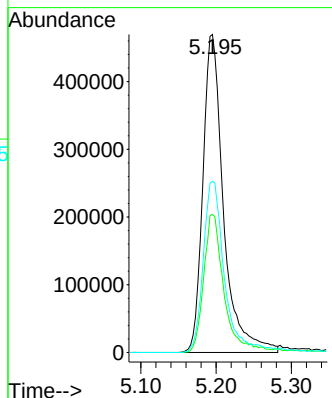
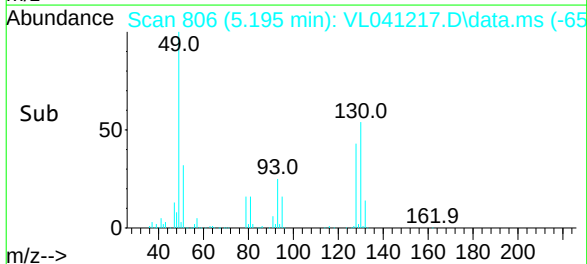
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA01-20240425DL



Tgt Ion: 49 Resp: 895791
Ion Ratio Lower Upper
49 100
128 44.1 21.5 64.5
130 56.3 27.2 81.6

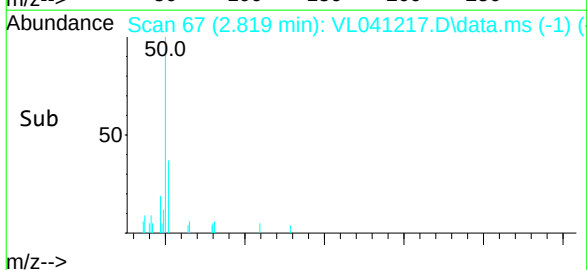
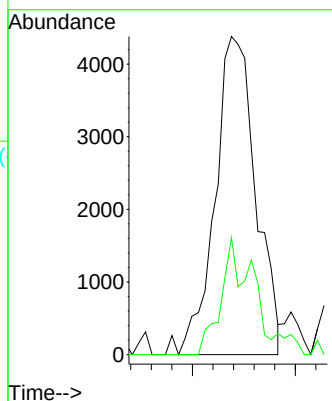
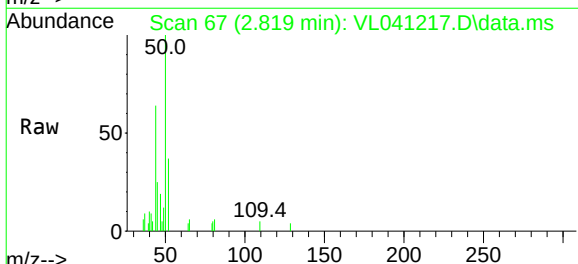
Manual Integrations
APPROVED

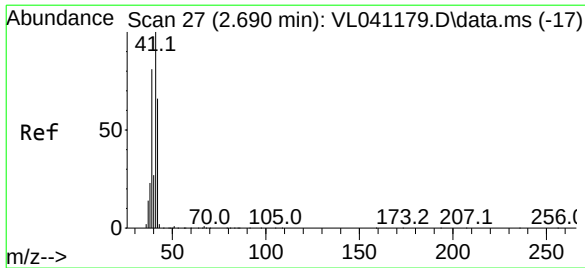
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#4
Chloromethane
Concen: 0.112 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

Tgt Ion: 50 Resp: 5985
Ion Ratio Lower Upper
50 100
52 36.8 28.3 42.5





#9

Propene

Concen: 0.311 ppbv m

RT: 2.713 min Scan# 34

Delta R.T. 0.010 min

Lab File: VL041217.D

Acq: 6 May 2024 14:21

Instrument :

MSVOA_L

ClientSampleId :

BA-20-IA01-20240425DL

Tgt Ion: 41 Resp: 16570

Ion Ratio Lower Upper

41 100

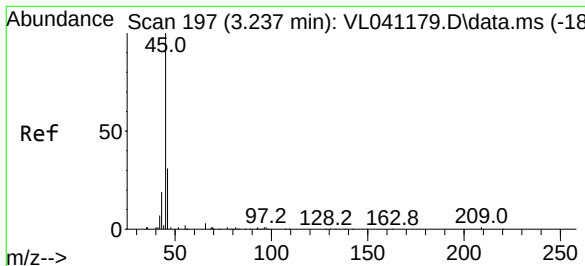
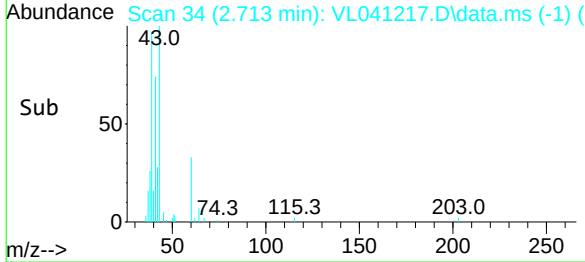
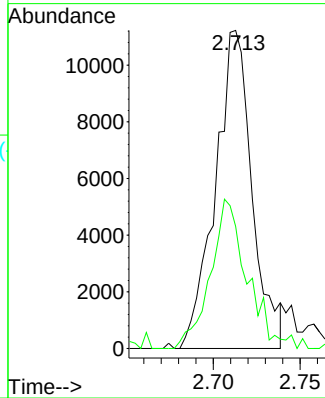
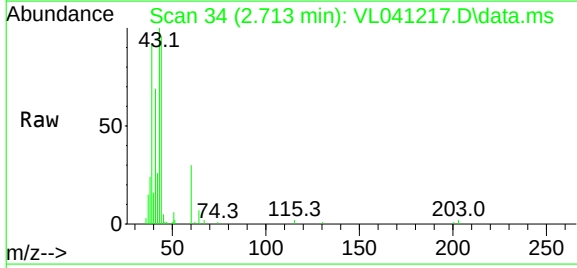
42 152.4 55.3 82.9#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#13

Ethanol

Concen: 5.931 ppbv

RT: 3.250 min Scan# 201

Delta R.T. 0.007 min

Lab File: VL041217.D

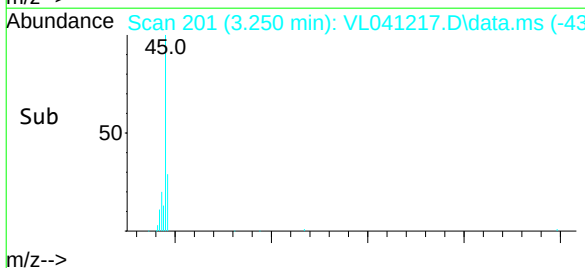
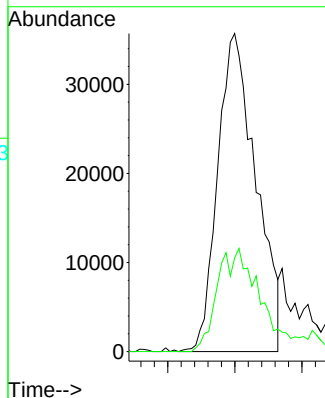
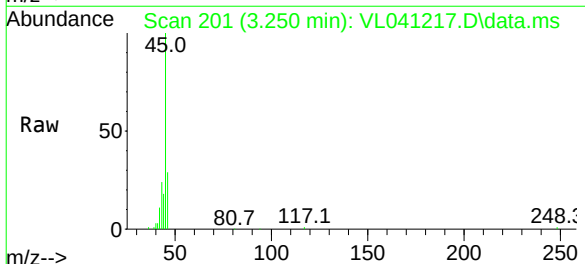
Acq: 6 May 2024 14:21

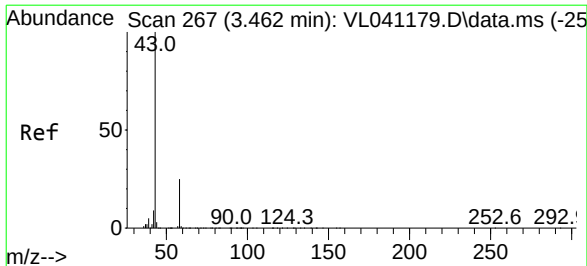
Tgt Ion: 45 Resp: 70791

Ion Ratio Lower Upper

45 100

46 42.3 14.8 59.0





#15

Acetone

Concen: 2.389 ppbv

RT: 3.475 min Scan# 271

Delta R.T. 0.000 min

Lab File: VL041217.D

Acq: 6 May 2024 14:21

Instrument :

MSVOA_L

ClientSampleId :

BA-20-IA01-20240425DL

Tgt Ion: 43 Resp: 252608

Ion Ratio Lower Upper

43 100

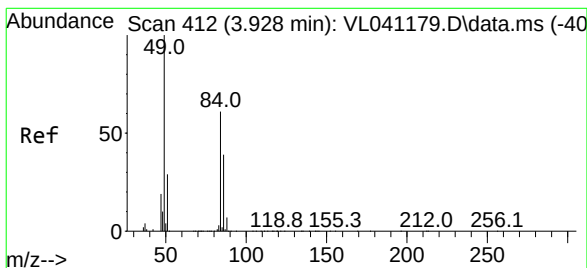
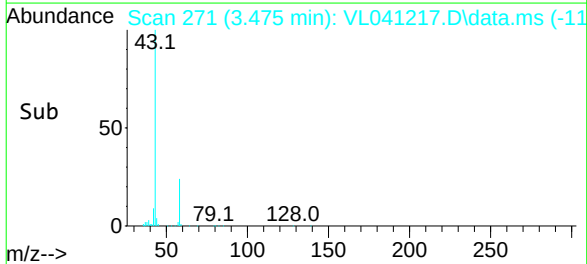
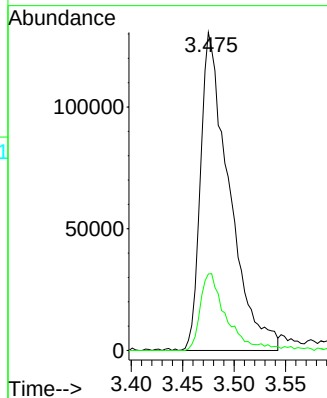
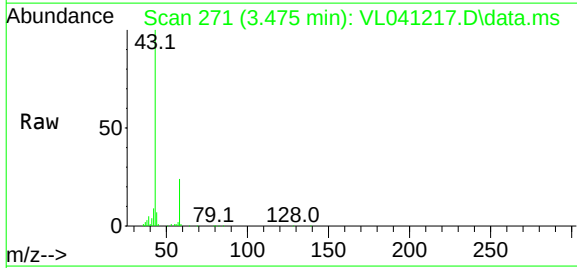
58 23.3 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024

Supervised By :Mahesh Dadoda 05/07/2024



#20

Methylene Chloride

Concen: 6.657 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.000 min

Lab File: VL041217.D

Acq: 6 May 2024 14:21

Tgt Ion: 84 Resp: 244736

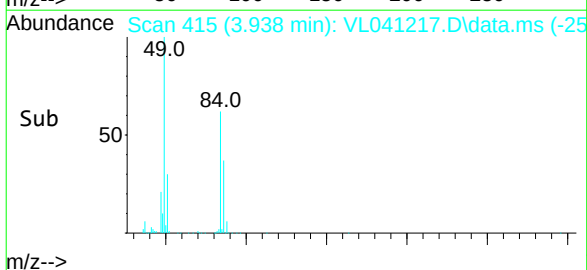
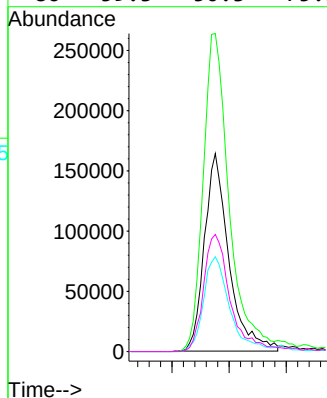
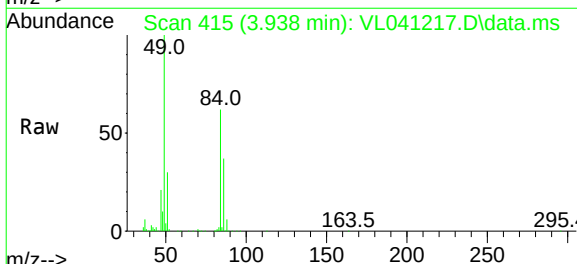
Ion Ratio Lower Upper

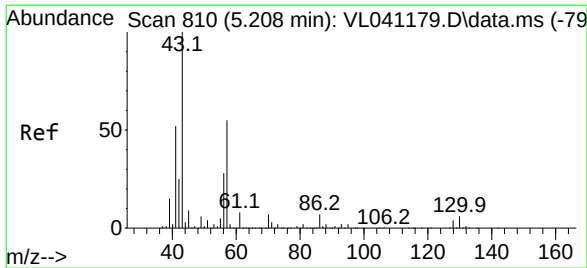
84 100

49 160.7 130.4 195.6

51 48.0 38.0 57.0

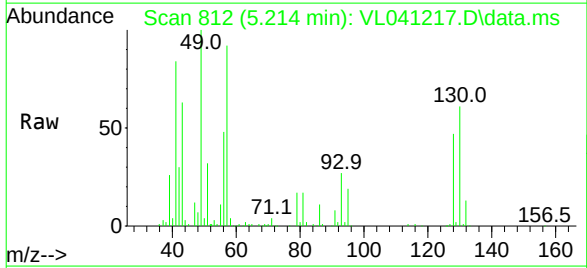
86 59.3 50.3 75.5





#26
Hexane
Concen: 2.255 ppbv
RT: 5.214 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

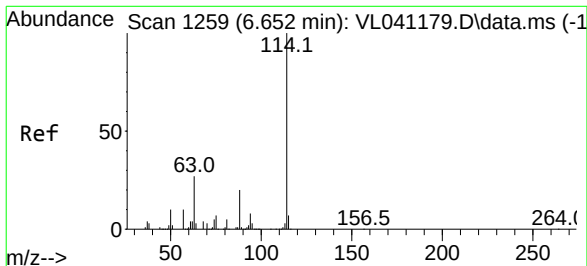
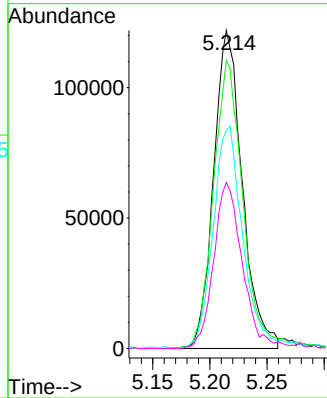
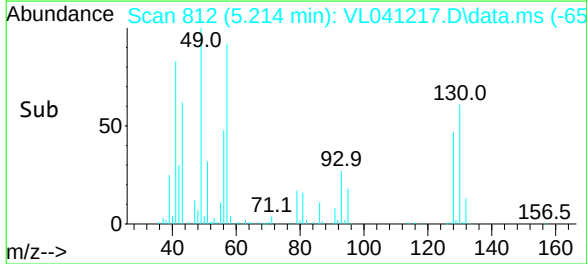
Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA01-20240425DL



Tgt Ion: 57 Resp: 212317
Ion Ratio Lower Upper
57 100
41 94.7 75.8 113.8
43 73.5 187.0 280.4#
56 53.5 42.7 64.1

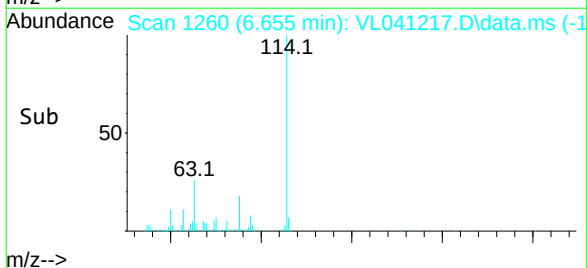
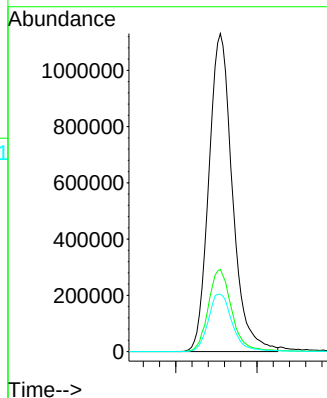
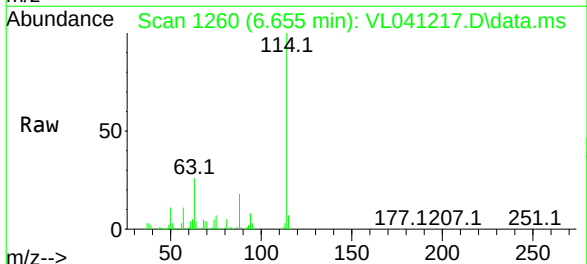
Manual Integrations
APPROVED

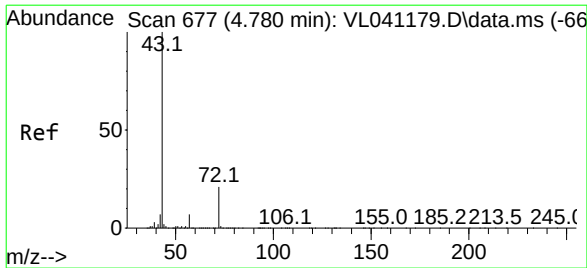
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

Tgt Ion:114 Resp: 2281254
Ion Ratio Lower Upper
114 100
63 25.9 21.8 32.6
88 18.4 15.2 22.8





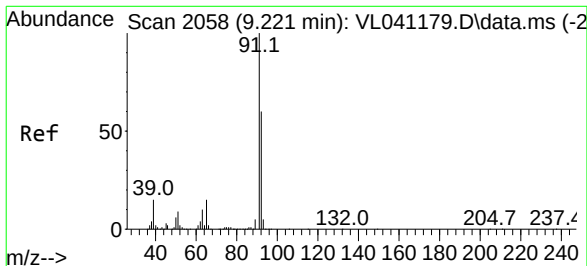
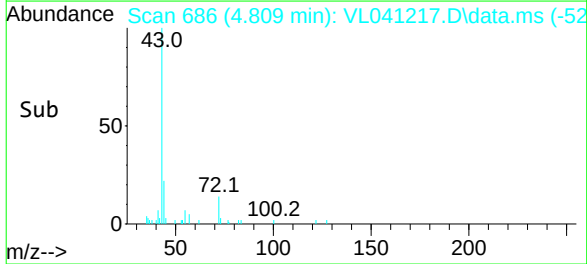
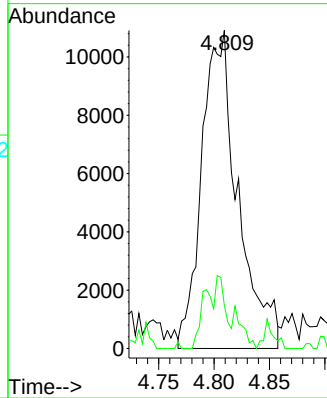
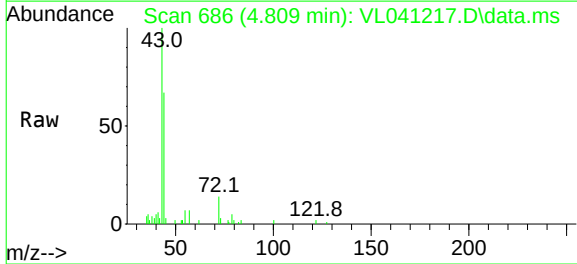
#34
2-Butanone
Concen: 0.213 ppbv m
RT: 4.809 min Scan# 68
Delta R.T. 0.023 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

Instrument :
MSVOA_L
ClientSampleId :
BA-20-IA01-20240425DL

Tgt Ion: 43 Resp: 24732
Ion Ratio Lower Upper
43 100
72 18.6 17.3 25.9

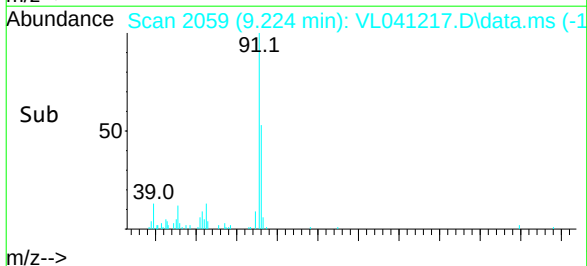
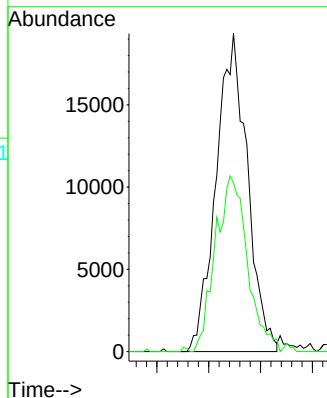
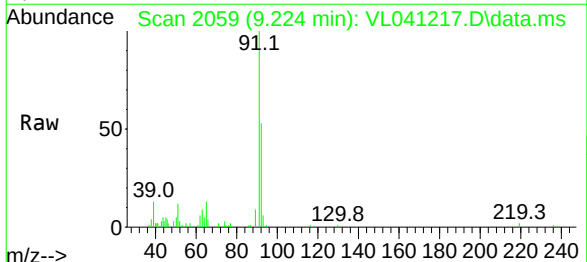
Manual Integrations
APPROVED

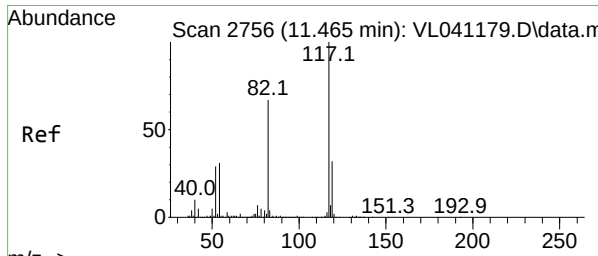
Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#53
Toluene
Concen: 0.182 ppbv m
RT: 9.224 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

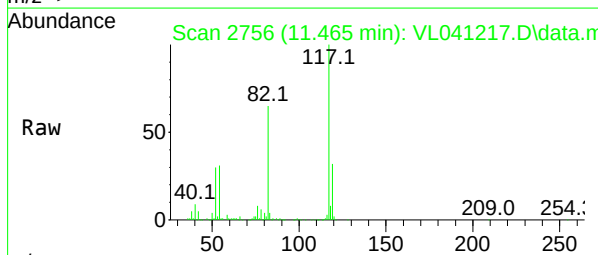
Tgt Ion: 91 Resp: 40453
Ion Ratio Lower Upper
91 100
92 57.2 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

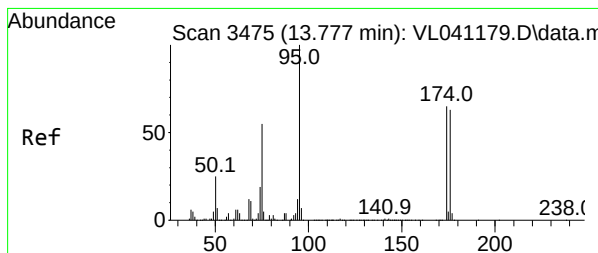
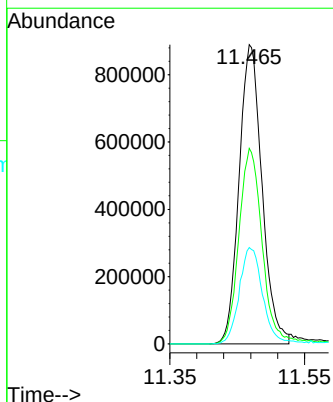
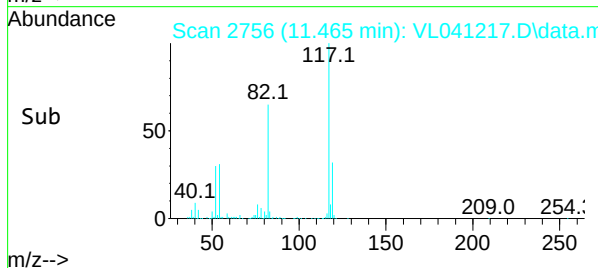
Instrument :
MSVOA_1
ClientSampleId :
BA-20-IA01-20240425DL



Tgt Ion: 117 Resp: 206696
Ion Ratio Lower Upper
117 100
82 67.4 53.6 80.4
119 32.8 27.2 40.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2024
Supervised By :Mahesh Dadoda 05/07/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.086 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.007 min
Lab File: VL041217.D
Acq: 6 May 2024 14:21

Tgt Ion: 95 Resp: 1573928
Ion Ratio Lower Upper
95 100
174 68.3 53.6 80.4
175 4.8 4.2 6.4

