

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040617.D
 Acq On : 9 Aug 2023 22:42
 Operator : SY/MD
 Sample : 03950-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
 Supervised By :Mahesh Dadoda 08/10/2023

Quant Time: Aug 10 01:33:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 10 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	956826	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.655	114	2406027	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	1980180	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1624912	10.368	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.700%	
Target Compounds						
						Qvalue
9) Propene	2.684	41	30477	0.587	ppbv	91
13) Ethanol	3.250	45	3189m	0.282	ppbv	
15) Acetone	3.478	43	67707m	0.615	ppbv	
20) Methylene Chloride	3.931	84	91072	1.944	ppbv	92
26) Hexane	5.211	57	36412	0.374	ppbv #	36
32) 1,1,1-Trichloroethane	6.005	97	37815m	0.239	ppbv	

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

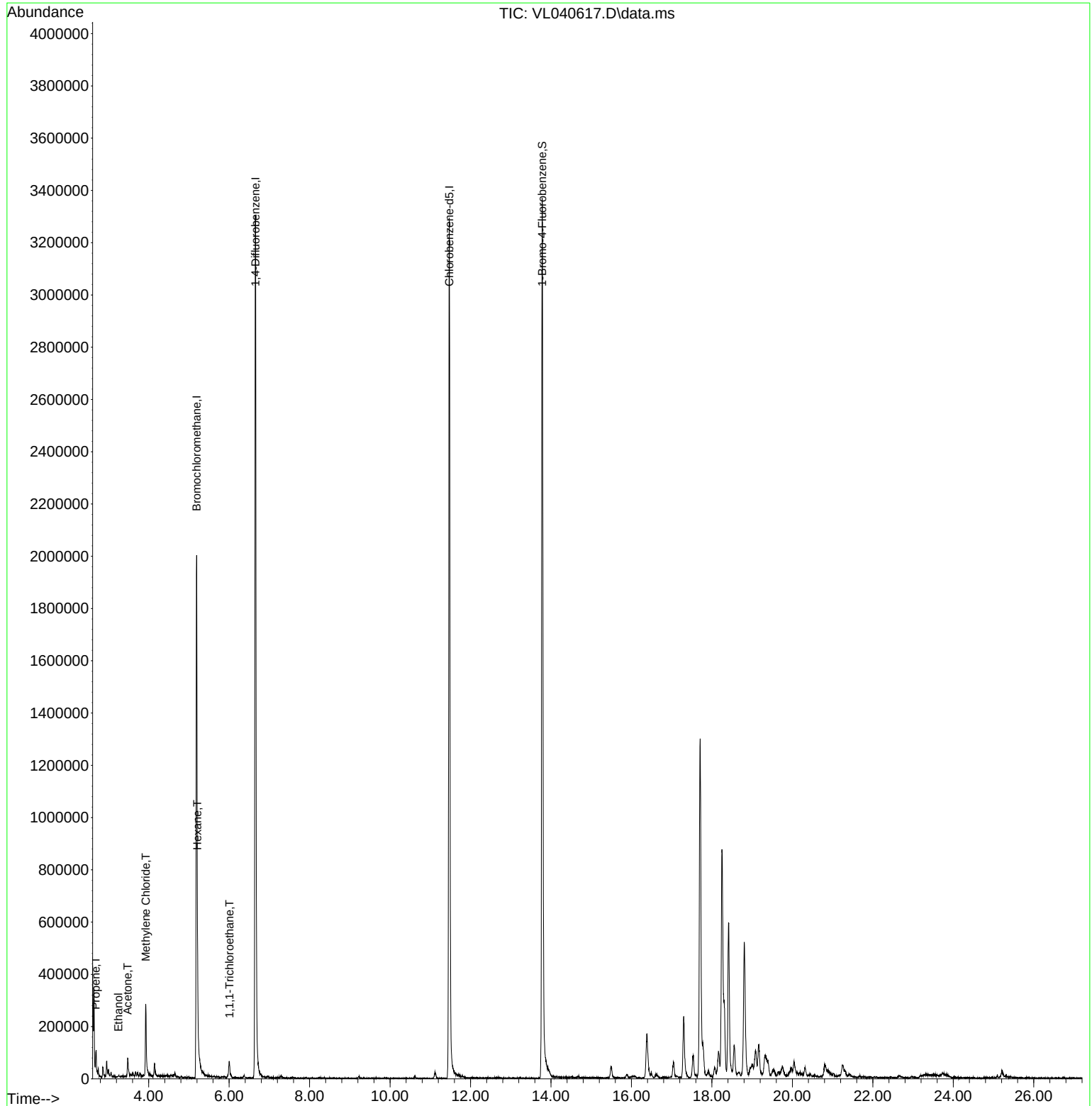
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040617.D
Acq On : 9 Aug 2023 22:42
Operator : SY/MD
Sample : 03950-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

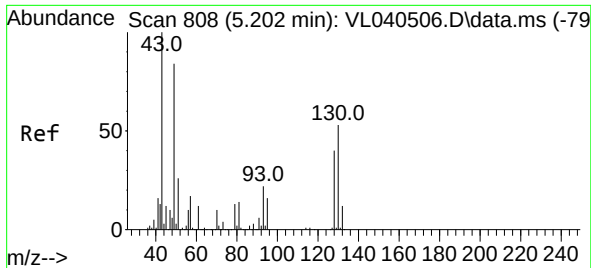
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

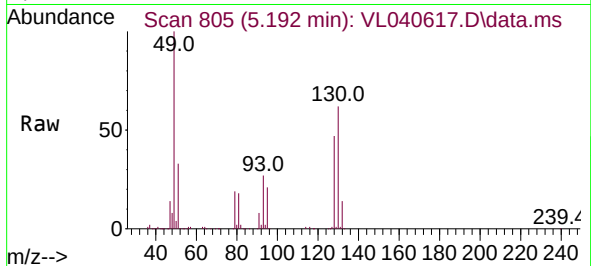
Quant Time: Aug 10 01:33:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

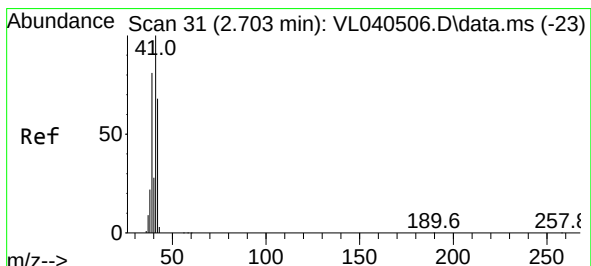
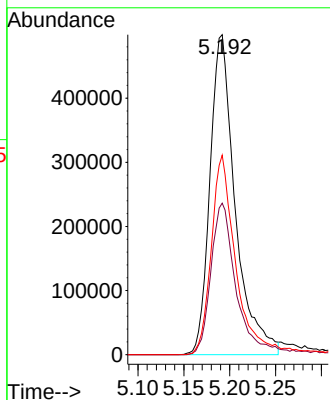
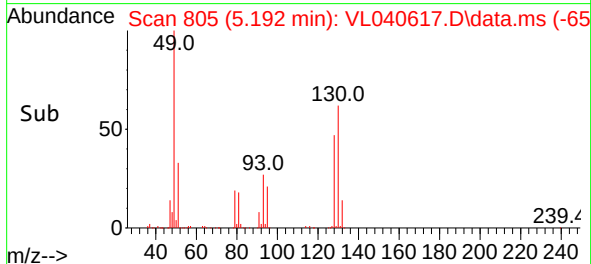
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 956820
Ion Ratio Lower Upper
49 100
128 49.5 25.1 75.4
130 62.0 31.6 94.7

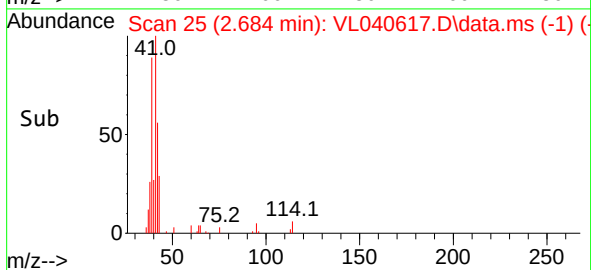
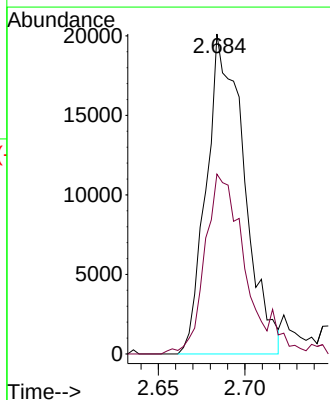
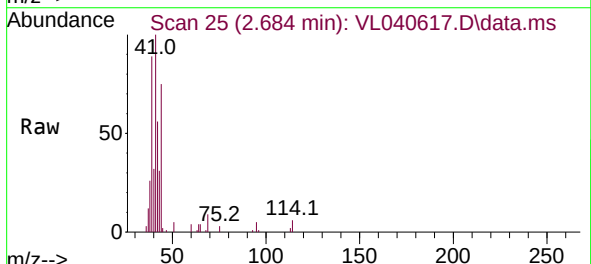
Manual Integrations
APPROVED

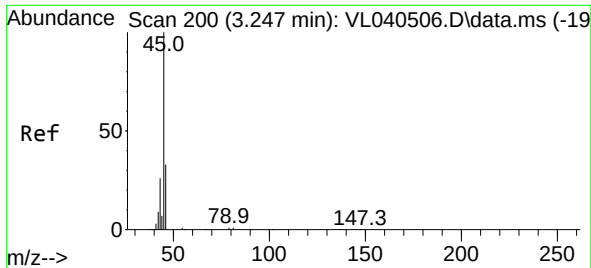
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#9
Propene
Concen: 0.587 ppbv
RT: 2.684 min Scan# 25
Delta R.T. -0.019 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

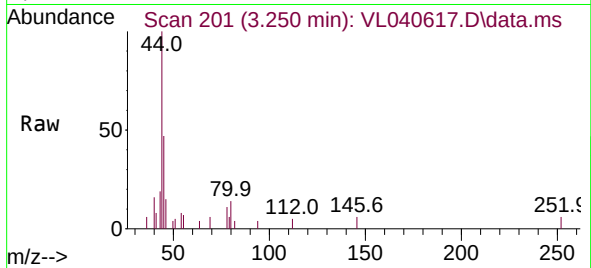
Tgt Ion: 41 Resp: 30477
Ion Ratio Lower Upper
41 100
42 61.5 55.0 82.6





#13
Ethanol
Concen: 0.282 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

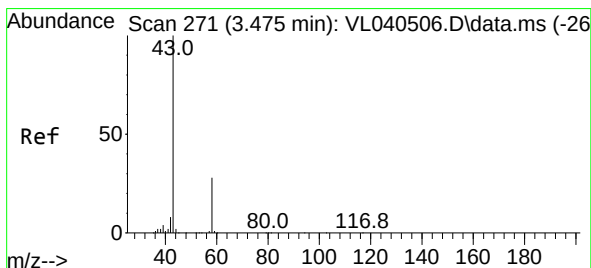
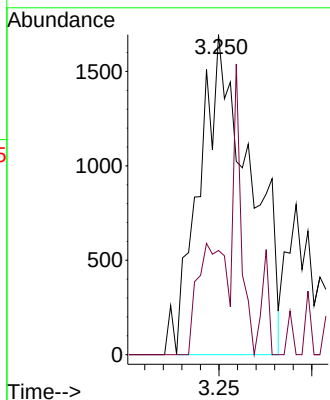
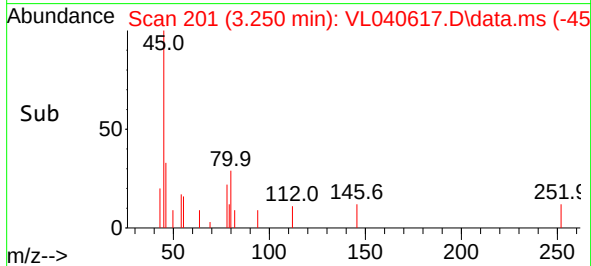
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 45 Resp: 3189
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1

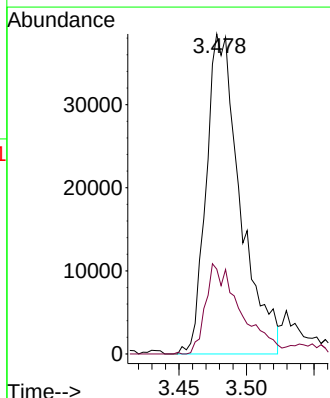
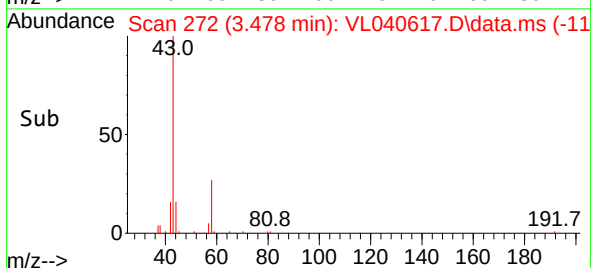
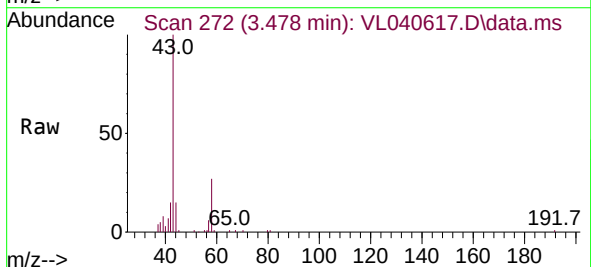
Manual Integrations
APPROVED

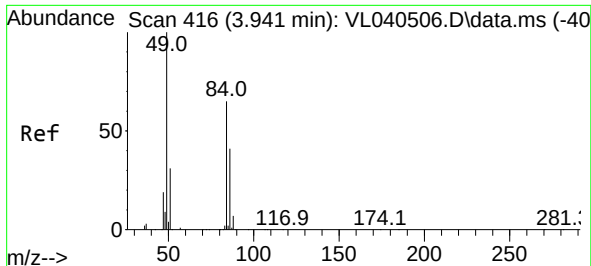
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#15
Acetone
Concen: 0.615 ppbv m
RT: 3.478 min Scan# 272
Delta R.T. 0.003 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

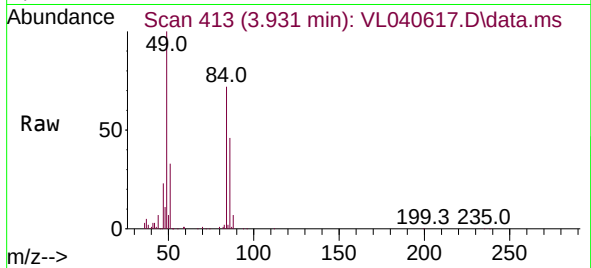
Tgt Ion: 43 Resp: 67707
Ion Ratio Lower Upper
43 100
58 32.2 22.9 34.3





#20
Methylene Chloride
Concen: 1.944 ppbv
RT: 3.931 min Scan# 416
Delta R.T. -0.010 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

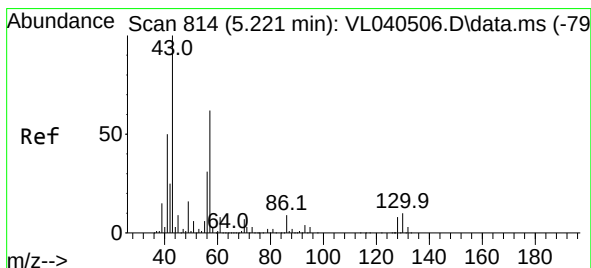
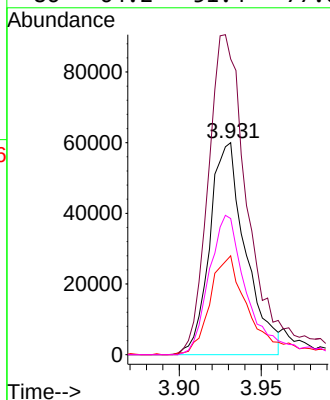
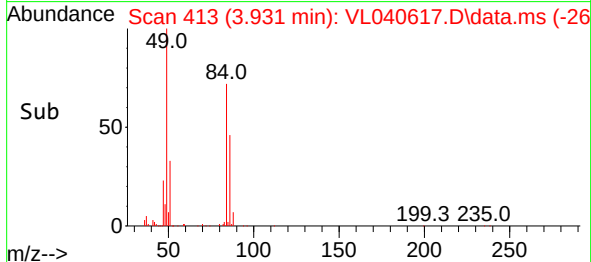
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:	84	Resp:	91072
Ion	Ratio	Lower	Upper
84	100		
49	138.0	123.4	185.2
51	45.9	38.3	57.5
86	64.2	51.4	77.0

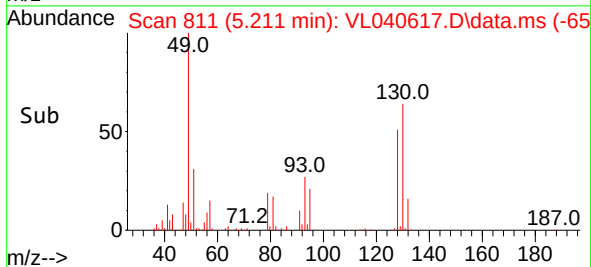
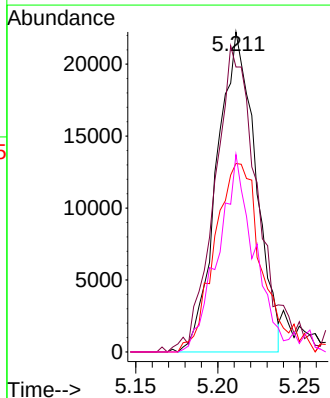
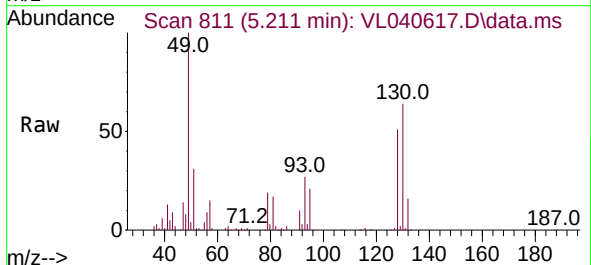
Manual Integrations
APPROVED

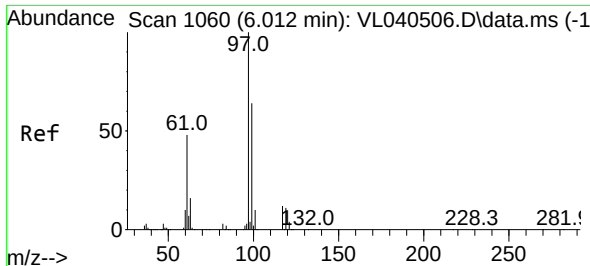
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#26
Hexane
Concen: 0.374 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

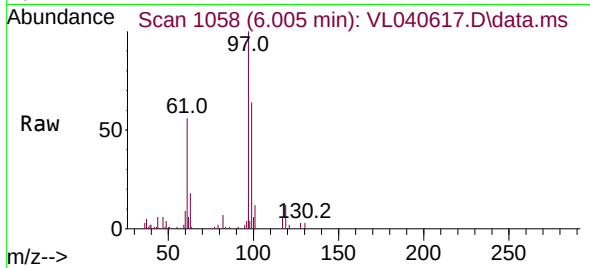
Tgt Ion:	57	Resp:	36412
Ion	Ratio	Lower	Upper
57	100		
41	111.0	69.5	104.3#
43	72.6	177.1	265.7#
56	60.6	42.3	63.5





#32
1,1,1-Trichloroethane
Concen: 0.239 ppbv m
RT: 6.005 min Scan# 1058
Delta R.T. -0.007 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

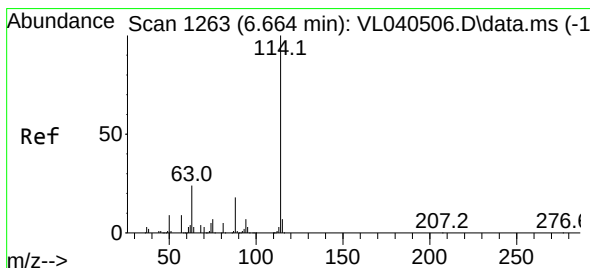
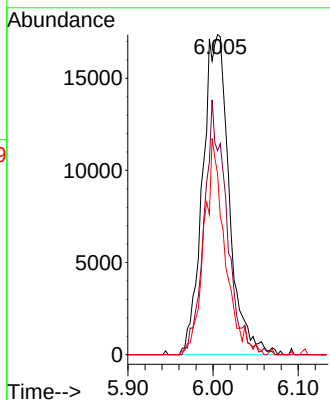
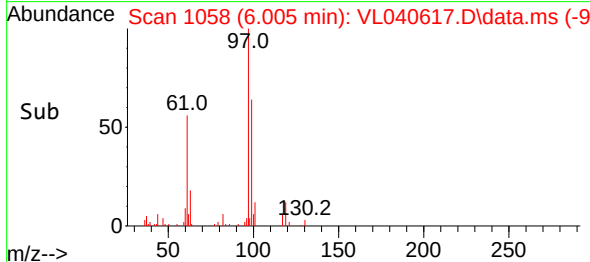
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



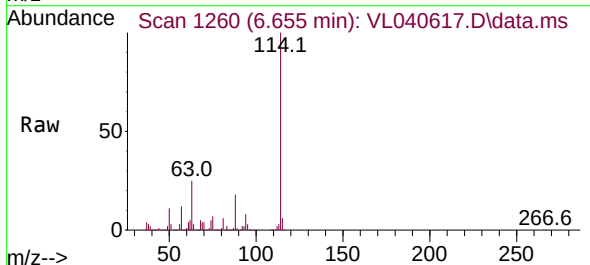
Tgt Ion: 97 Resp: 37815
Ion Ratio Lower Upper
97 100
99 67.2 52.0 78.0
61 53.3 38.9 58.3

Manual Integrations
APPROVED

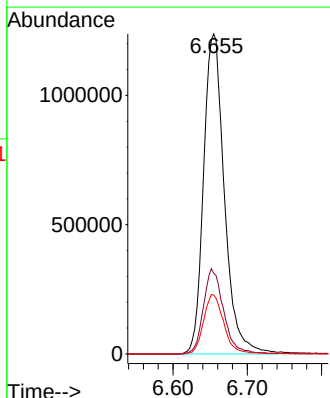
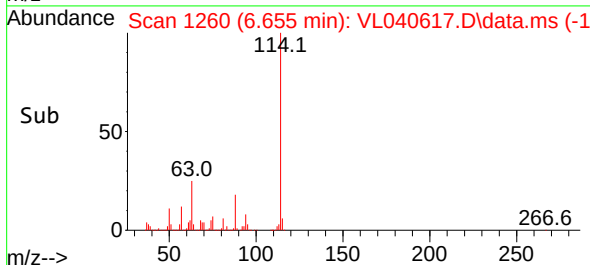
Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023

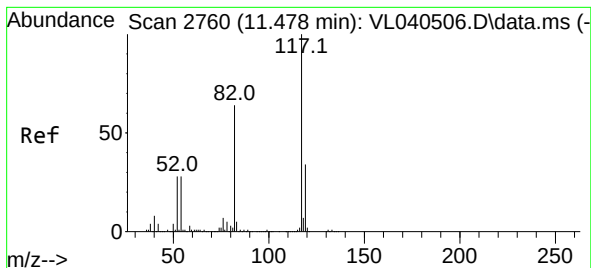


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.010 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42



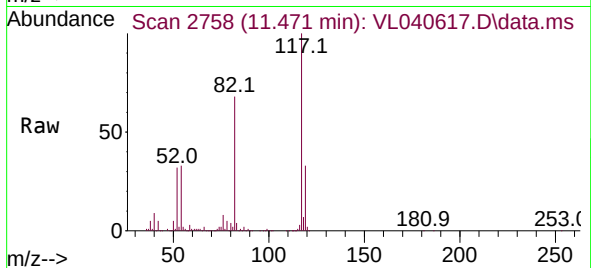
Tgt Ion:114 Resp: 2406027
Ion Ratio Lower Upper
114 100
63 26.0 19.6 29.4
88 18.2 14.2 21.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

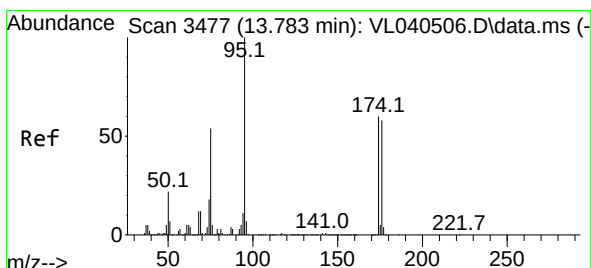
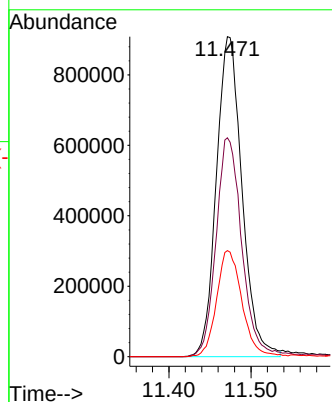
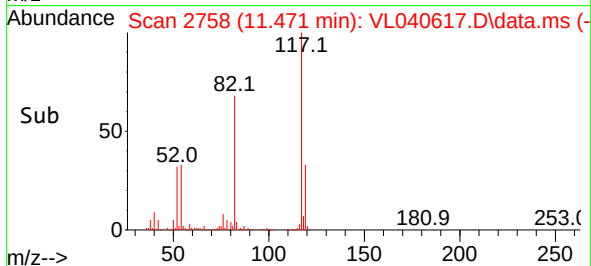
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:117 Resp: 1980180
Ion Ratio Lower Upper
117 100
82 69.8 50.2 75.4
119 33.3 26.9 40.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/10/2023
Supervised By :Mahesh Dadoda 08/10/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.368 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VL040617.D
Acq: 9 Aug 2023 22:42

Tgt Ion: 95 Resp: 1624912
Ion Ratio Lower Upper
95 100
174 60.7 50.6 75.8
175 4.3 3.7 5.5

