

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040536.D
 Acq On : 14 Jul 2023 21:12
 Operator : SY/MD
 Sample : 03636-01DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

Quant Time: Jul 16 23:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 18 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	992786	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.651	114	2677007	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2352308	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1859992	9.991	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
9) Propene	2.706	41	11347m	0.211	ppbv	
15) Acetone	3.484	43	97613m	0.854	ppbv	
20) Methylene Chloride	3.931	84	58404	1.201	ppbv	93
26) Hexane	5.211	57	42691	0.422	ppbv #	41
52) Tetrachloroethene	10.616	164	477500	6.845	ppbv	96

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

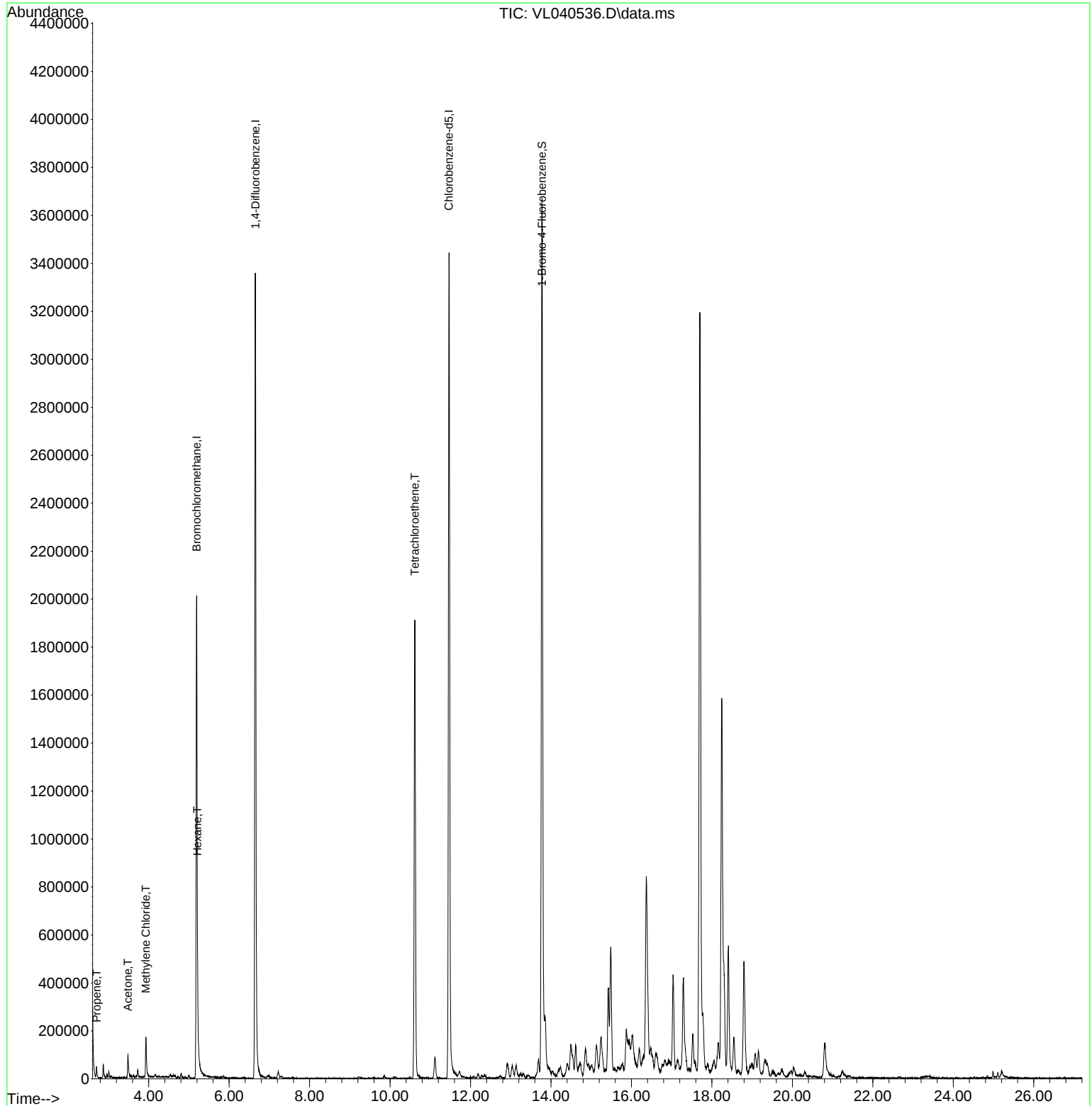
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
Data File : VL040536.D
Acq On : 14 Jul 2023 21:12
Operator : SY/MD
Sample : 03636-01DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

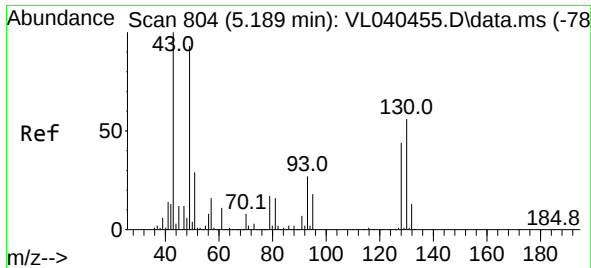
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

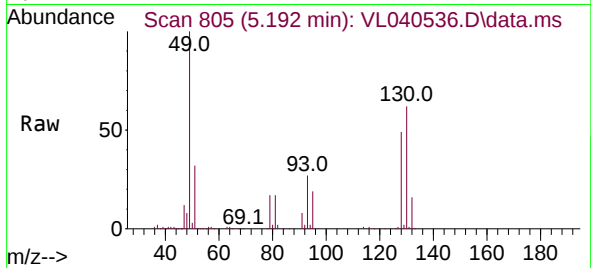
Quant Time: Jul 16 23:33:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

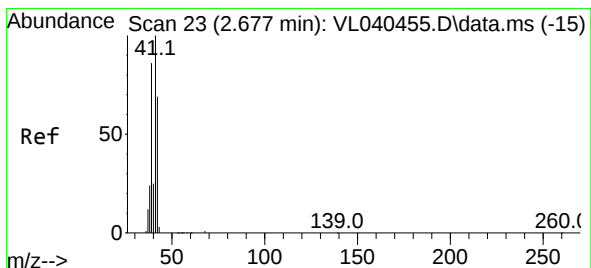
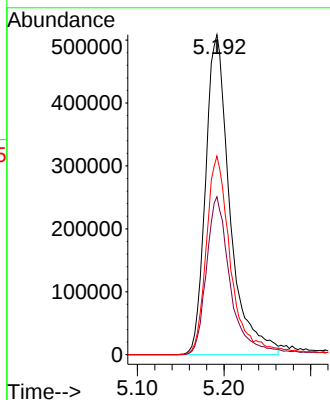
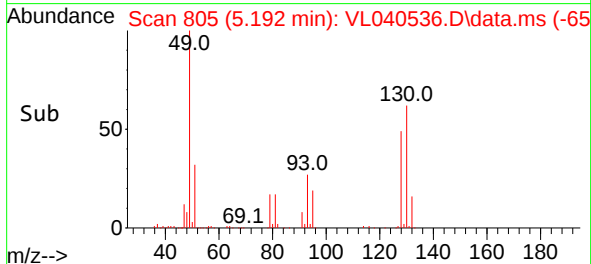
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 49 Resp: 992780
Ion Ratio Lower Upper
49 100
128 50.7 25.1 75.4
130 64.9 31.6 94.7

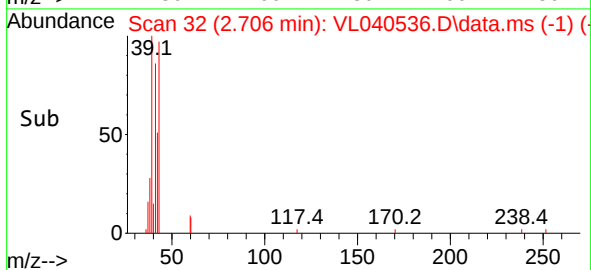
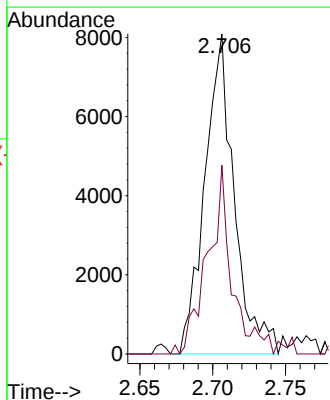
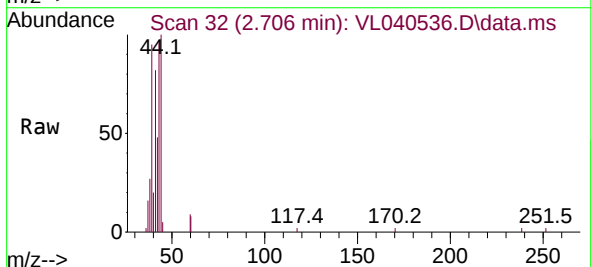
Manual Integrations
APPROVED

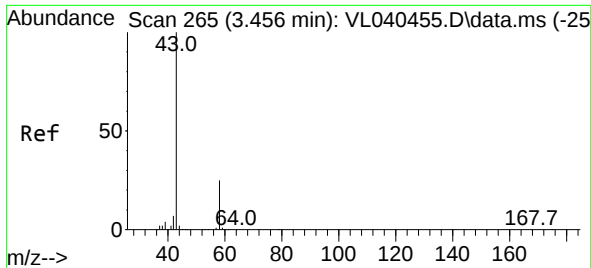
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#9
Propene
Concen: 0.211 ppbv m
RT: 2.706 min Scan# 32
Delta R.T. 0.003 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

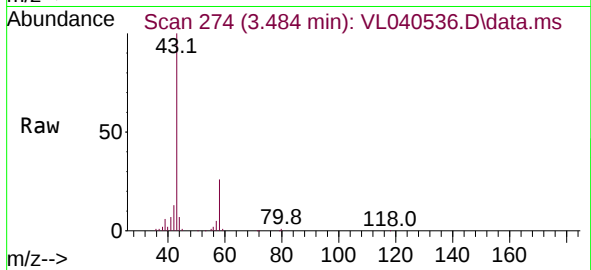
Tgt Ion: 41 Resp: 11347
Ion Ratio Lower Upper
41 100
42 96.2 55.0 82.6#





#15
Acetone
Concen: 0.854 ppbv m
RT: 3.484 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

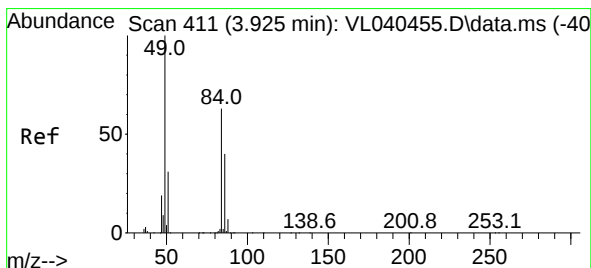
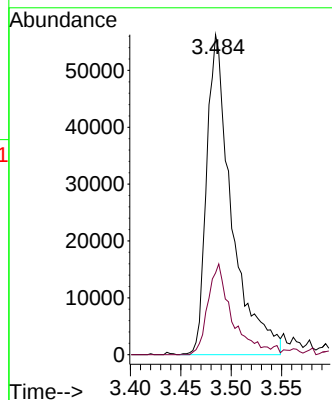
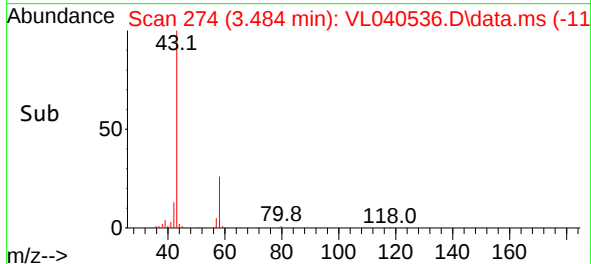
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 43 Resp: 9761
Ion Ratio Lower Upper
43 100
58 27.7 22.9 34.3

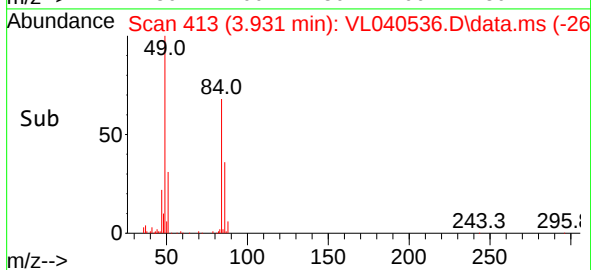
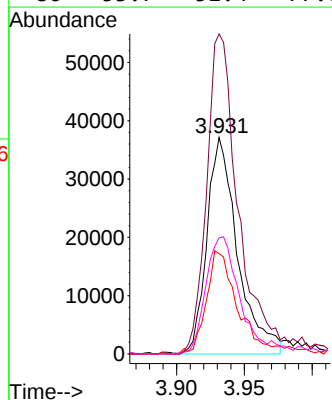
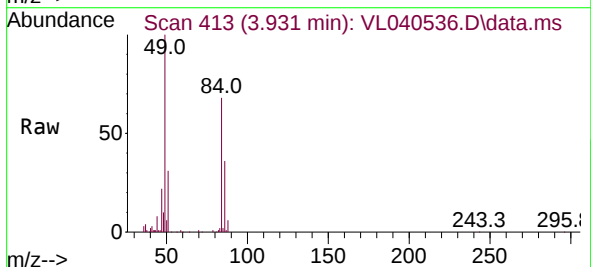
Manual Integrations
APPROVED

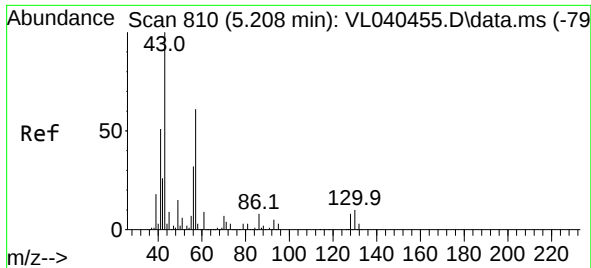
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 1.201 ppbv
RT: 3.931 min Scan# 413
Delta R.T. -0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

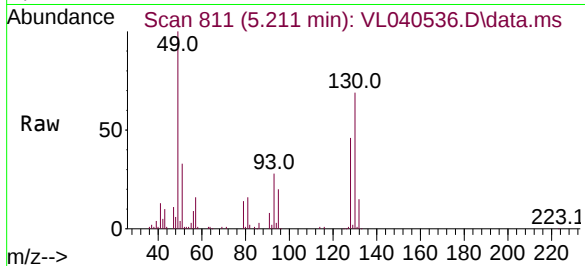
Tgt Ion: 84 Resp: 58404
Ion Ratio Lower Upper
84 100
49 147.9 123.4 185.2
51 45.6 38.3 57.5
86 53.7 51.4 77.0





#26
Hexane
Concen: 0.422 ppbv
RT: 5.211 min Scan# 810
Delta R.T. -0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

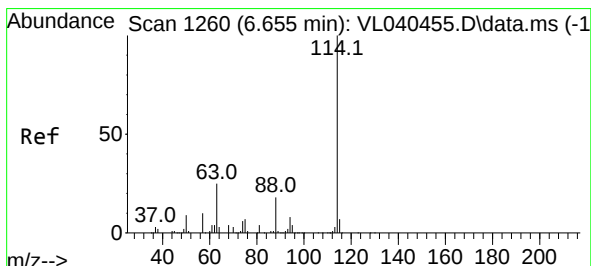
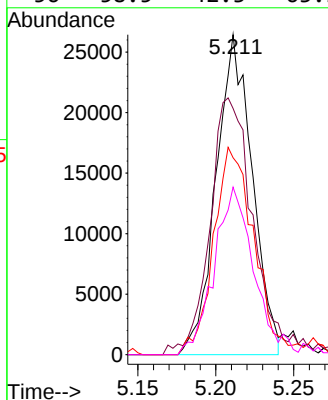
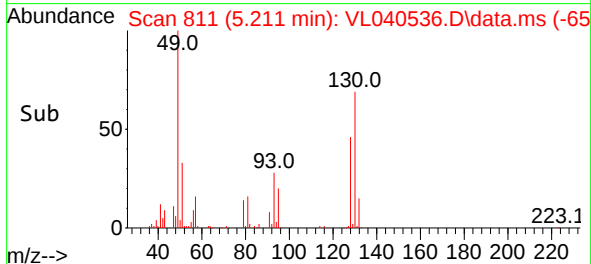
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 57 Resp: 4269
Ion Ratio Lower Upper
57 100
41 97.8 69.5 104.3
43 75.5 177.1 265.7
56 58.5 42.3 63.5

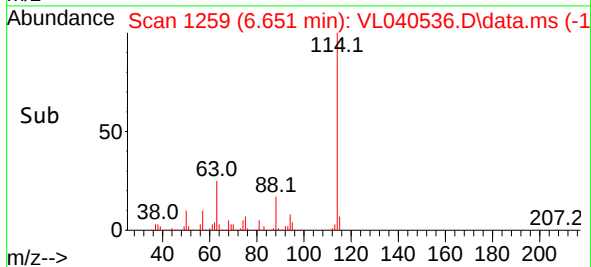
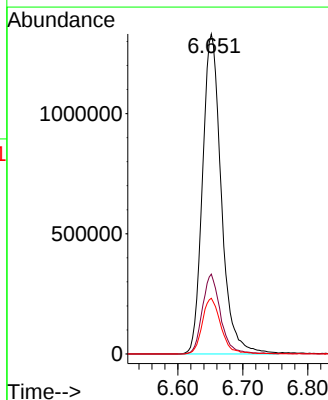
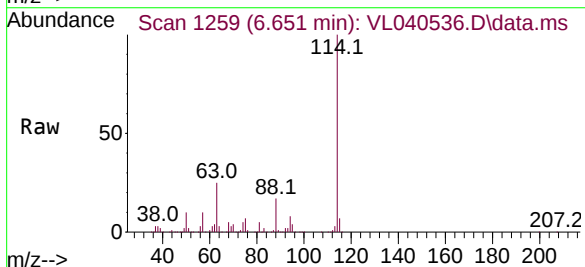
Manual Integrations
APPROVED

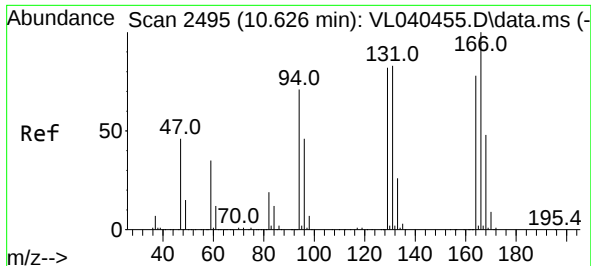
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.013 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

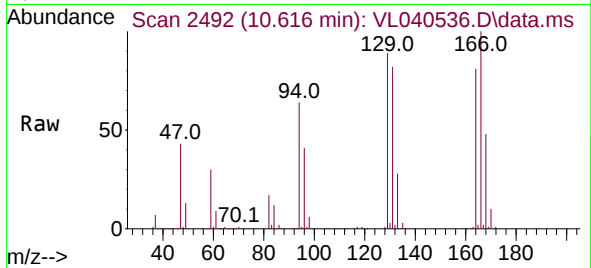
Tgt Ion:114 Resp: 2677007
Ion Ratio Lower Upper
114 100
63 24.3 19.6 29.4
88 17.4 14.2 21.2





#52
Tetrachloroethene
Concen: 6.845 ppbv
RT: 10.616 min Scan# 2495
Delta R.T. -0.010 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12

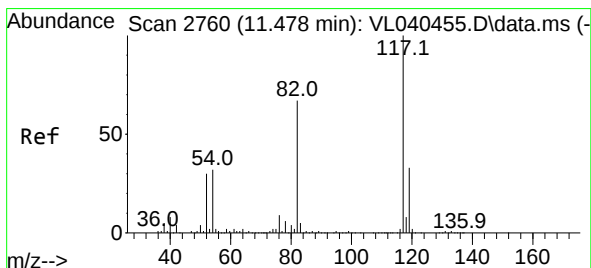
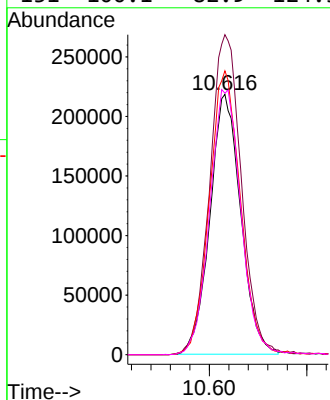
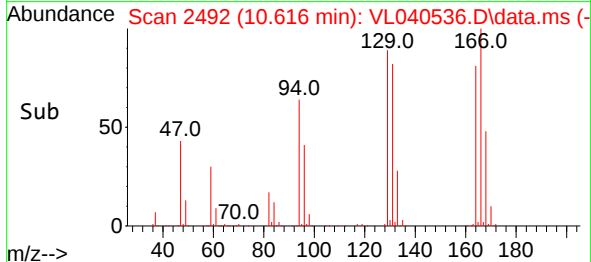
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



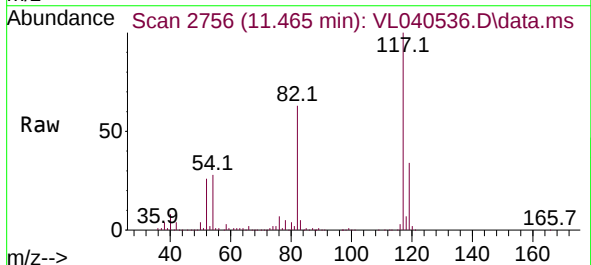
Tgt Ion:164 Resp: 477500
Ion Ratio Lower Upper
164 100
166 122.4 103.9 155.9
129 108.8 84.6 126.8
131 100.1 82.9 124.3

Manual Integrations
APPROVED

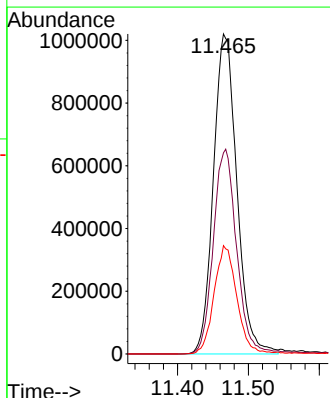
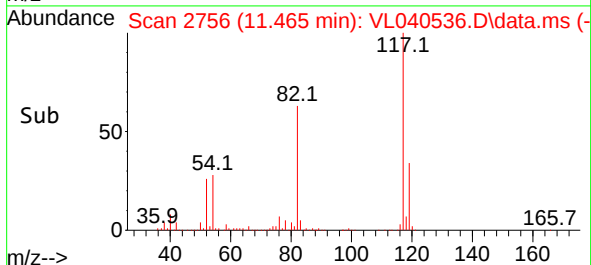
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

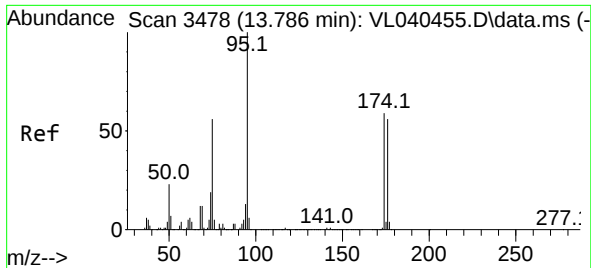


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.013 min
Lab File: VL040536.D
Acq: 14 Jul 2023 21:12



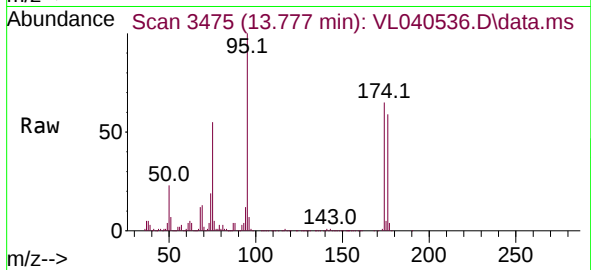
Tgt Ion:117 Resp: 2352308
Ion Ratio Lower Upper
117 100
82 64.8 50.2 75.4
119 33.3 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.991 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. -0.007 min
 Lab File: VL040536.D
 Acq: 14 Jul 2023 21:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2



Tgt Ion: 95 Resp: 1859992
 Ion Ratio Lower Upper
 95 100
 174 65.3 50.6 75.8
 175 4.6 3.7 5.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

