

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040855.D
 Acq On : 14 Nov 2023 17:54
 Operator : SY/MD
 Sample : 05399-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 16 04:49:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1161250	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	3024712	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2741770	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2139546	9.967	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
					Qvalue	
13) Ethanol	3.253	45	825120	68.007	ppbv #	100
15) Acetone	3.481	43	1659667	13.419	ppbv	96
20) Methylene Chloride	3.944	84	212666	4.167	ppbv	95
34) 2-Butanone	4.783	43	1312518	8.518	ppbv	99
36) Benzene	6.362	78	23121	0.094	ppbv	95
52) Tetrachloroethene	10.587	164	218456	2.643	ppbv	97
53) Toluene	9.195	91	146061m	0.541	ppbv	
58) Ethyl Benzene	12.060	91	56026	0.157	ppbv	96
60) o-Xylene	13.024	91	71483	0.246	ppbv	98

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

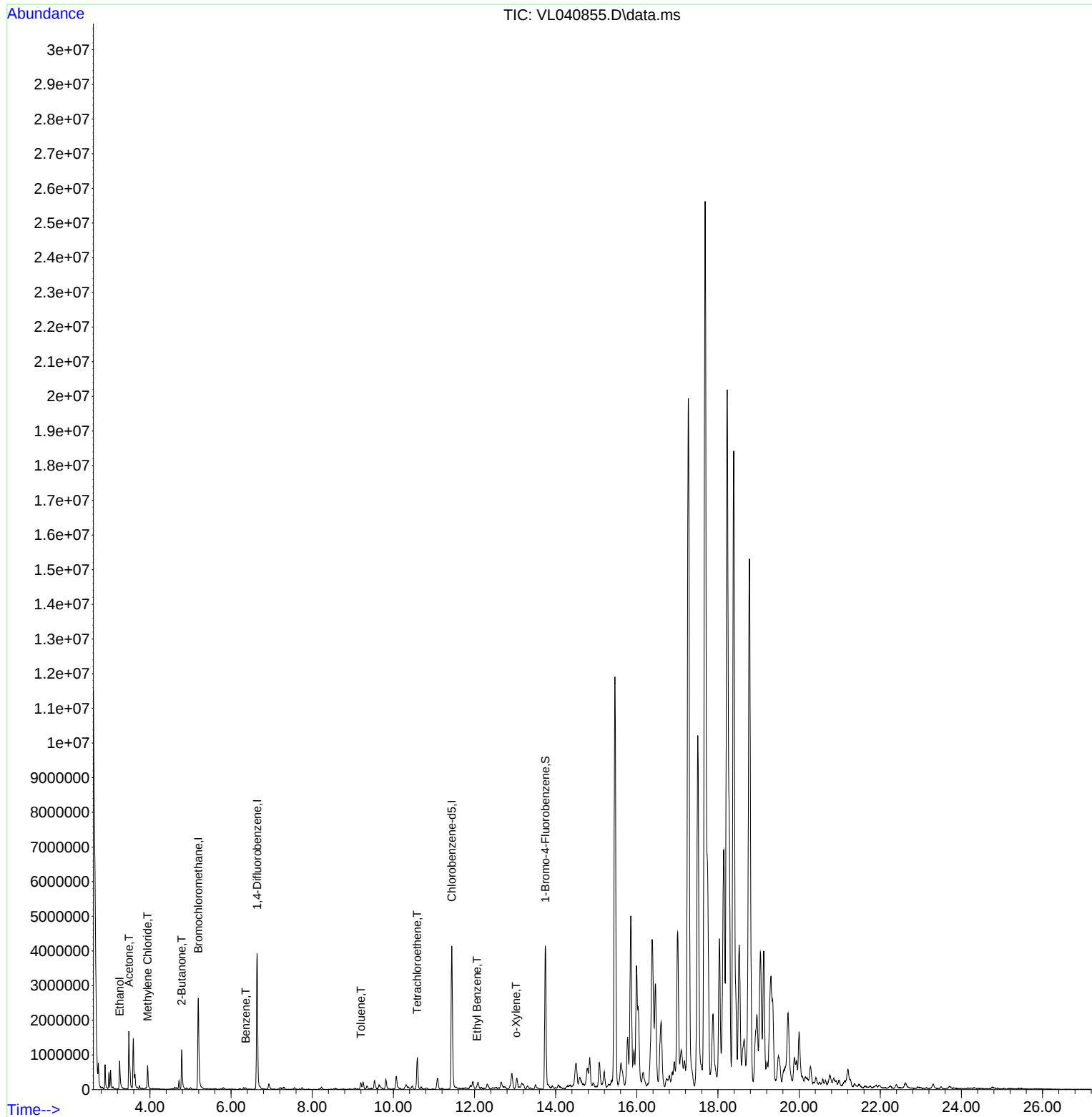
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040855.D
Acq On : 14 Nov 2023 17:54
Operator : SY/MD
Sample : 05399-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

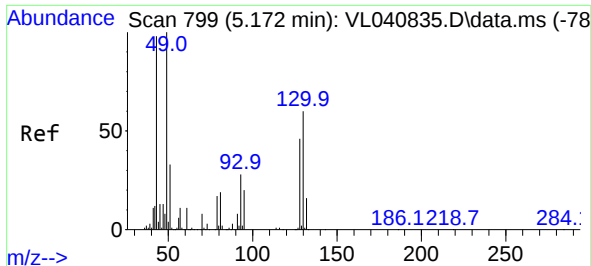
Instrument :
MSVOA_L
ClientSampleId :
SV1

Quant Time: Nov 16 04:49:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

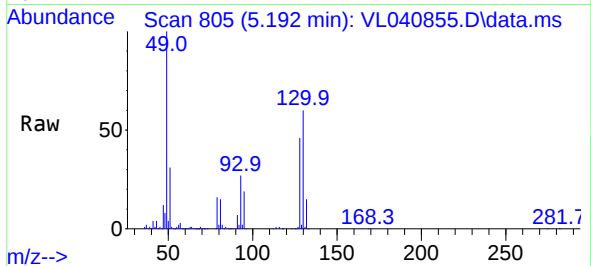
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

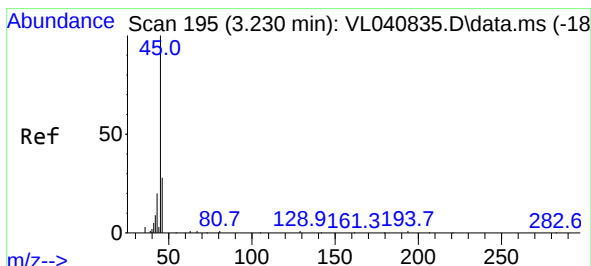
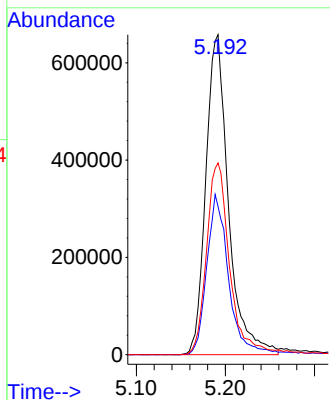
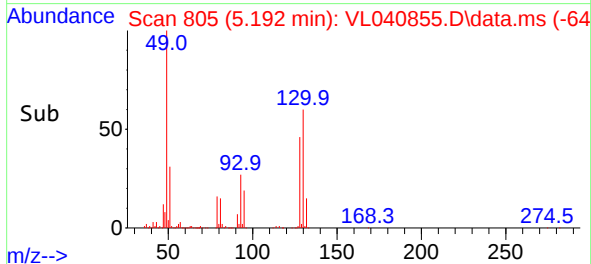
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 49 Resp: 1161250
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.2
130 62.6 30.9 92.8

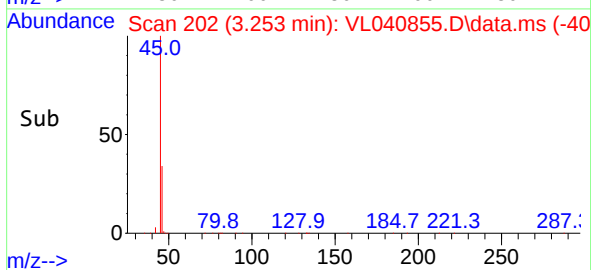
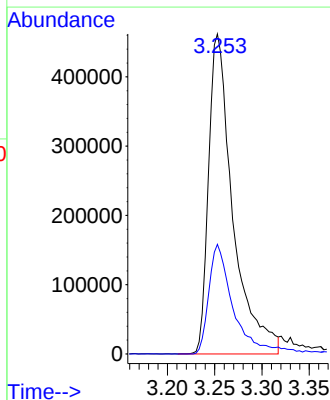
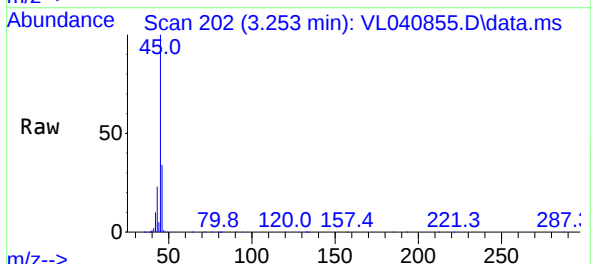
Manual Integrations
APPROVED

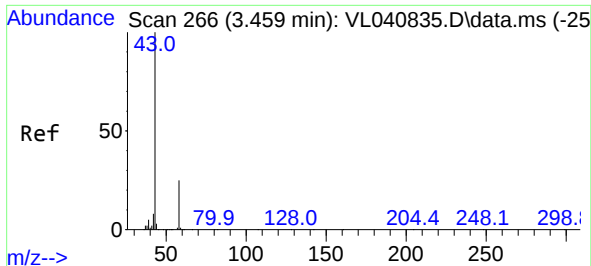
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#13
Ethanol
Concen: 68.007 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.022 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

Tgt Ion: 45 Resp: 825120
Ion Ratio Lower Upper
45 100
46 36.3 0.0 0.0#





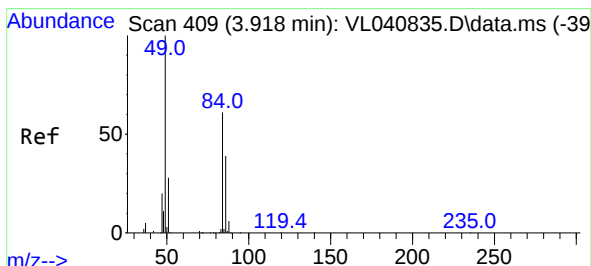
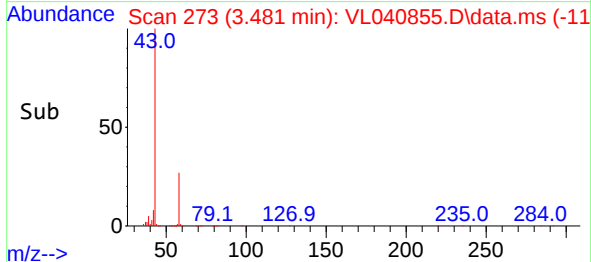
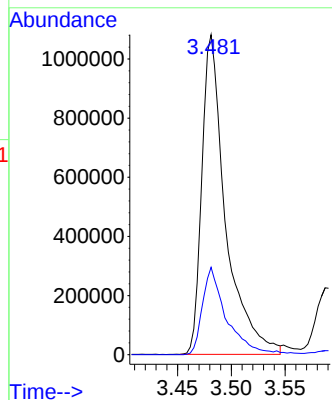
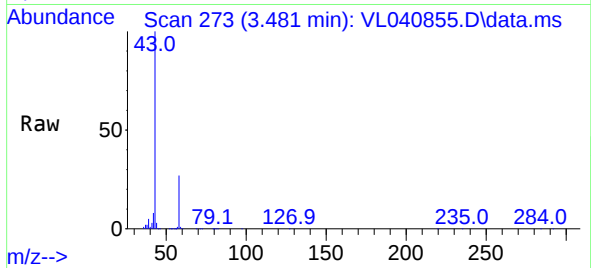
#15
Acetone
Concen: 13.419 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 165966
Ion Ratio Lower Upper
43 100
58 28.0 20.9 31.3

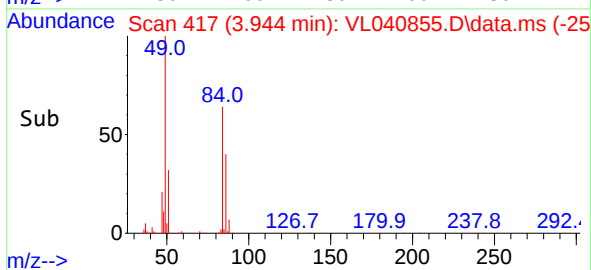
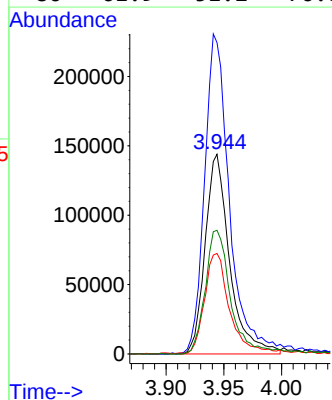
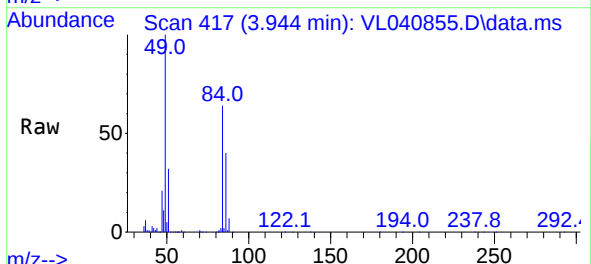
Manual Integrations
APPROVED

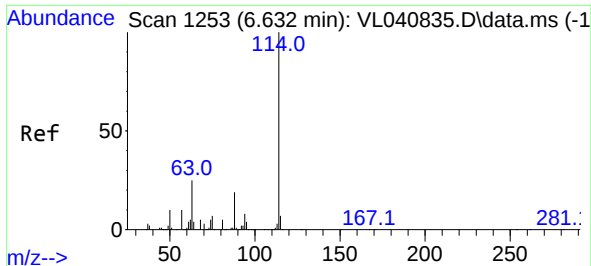
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#20
Methylene Chloride
Concen: 4.167 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.026 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

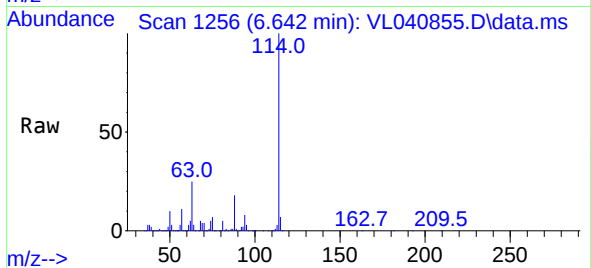
Tgt Ion: 84 Resp: 212666
Ion Ratio Lower Upper
84 100
49 155.6 131.0 196.4
51 49.7 36.9 55.3
86 61.9 51.2 76.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

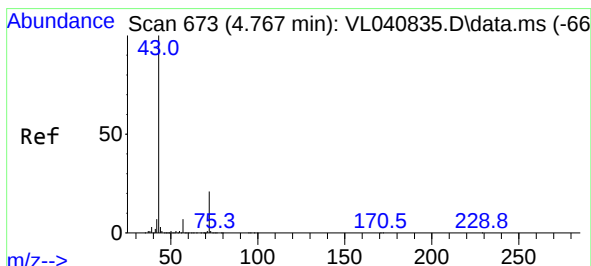
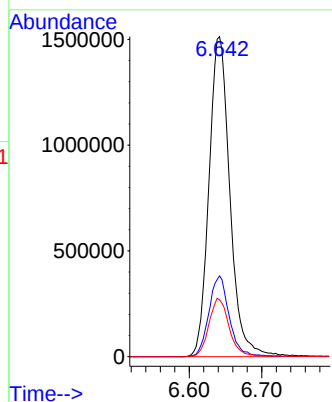
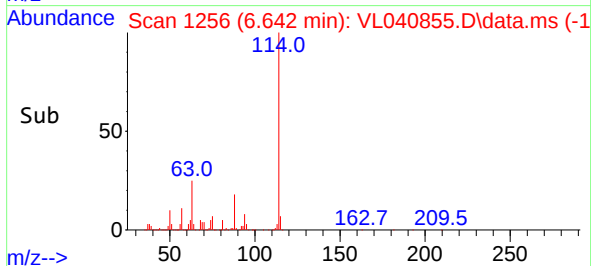
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion:114 Resp: 302471
Ion Ratio Lower Upper
114 100
63 24.9 20.9 31.3
88 17.9 14.3 21.5

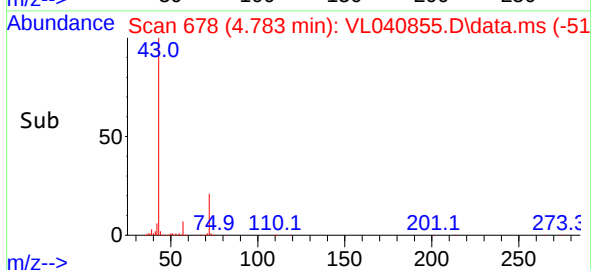
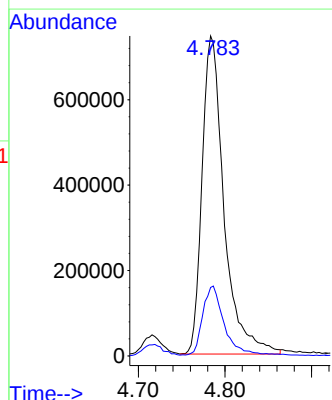
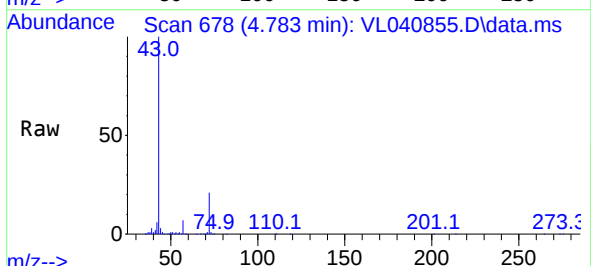
Manual Integrations
APPROVED

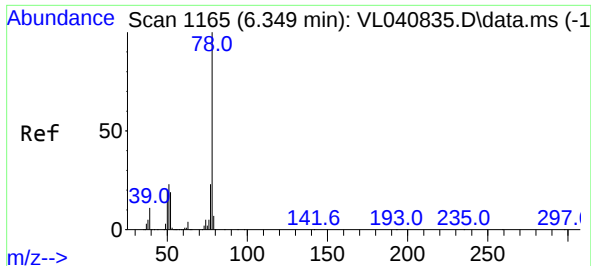
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#34
2-Butanone
Concen: 8.518 ppbv
RT: 4.783 min Scan# 678
Delta R.T. 0.016 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

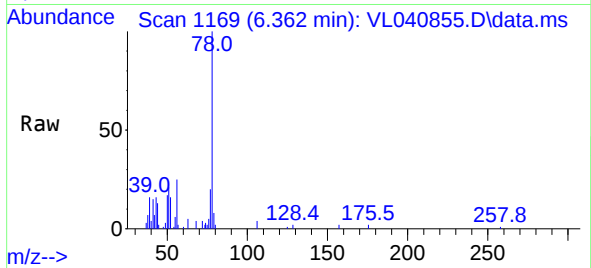
Tgt Ion: 43 Resp: 1312518
Ion Ratio Lower Upper
43 100
72 21.9 17.2 25.8





#36
Benzene
Concen: 0.094 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.013 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

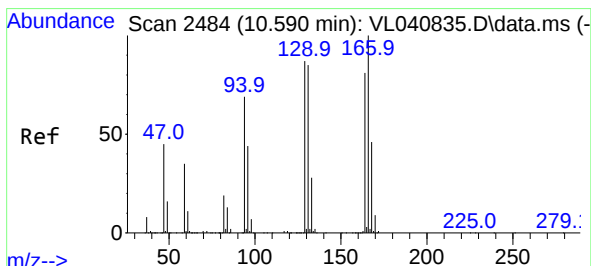
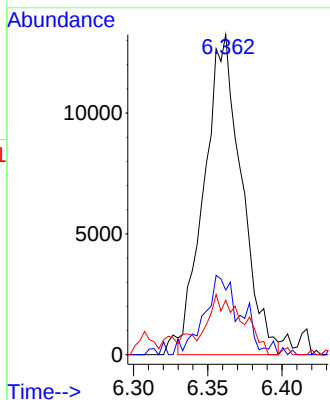
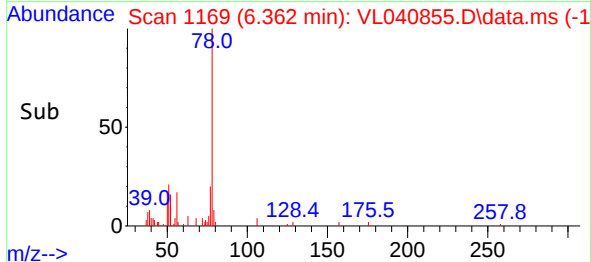
Instrument :
MSVOA_L
ClientSampleId :
SV1



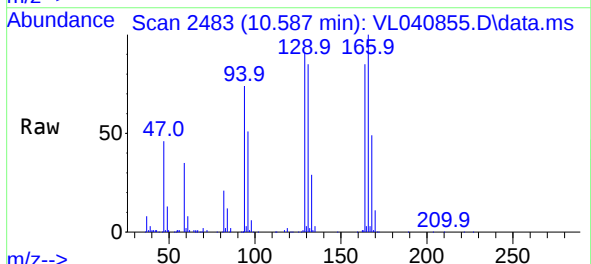
Tgt Ion: 78 Resp: 2312
Ion Ratio Lower Upper
78 100
77 21.0 18.4 27.6
50 17.8 16.2 24.2

Manual Integrations
APPROVED

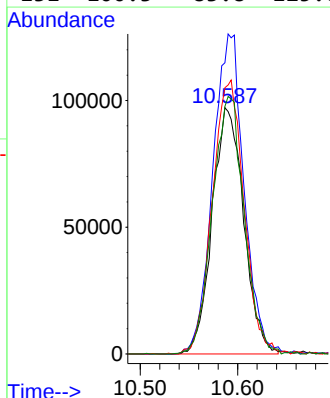
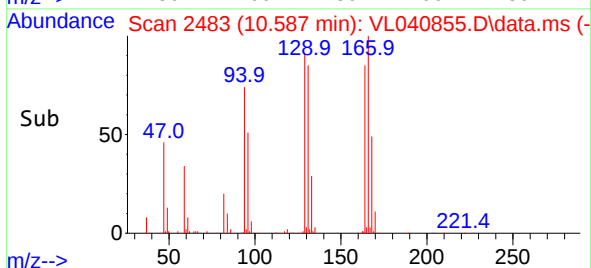
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

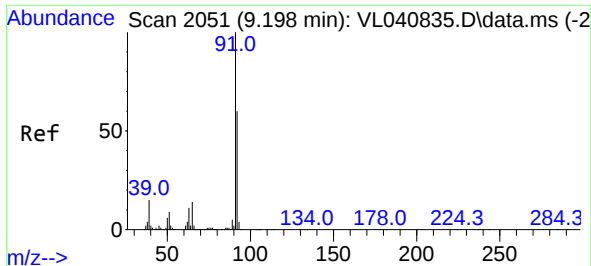


#52
Tetrachloroethene
Concen: 2.643 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54



Tgt Ion:164 Resp: 218456
Ion Ratio Lower Upper
164 100
166 118.1 98.3 147.5
129 108.2 85.1 127.7
131 100.3 83.8 125.6





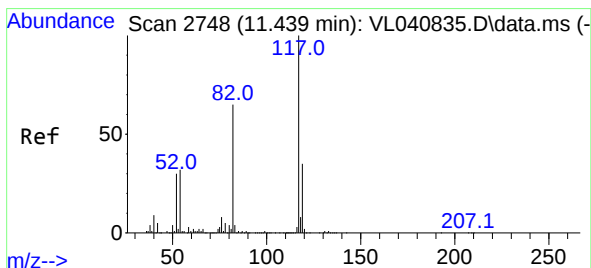
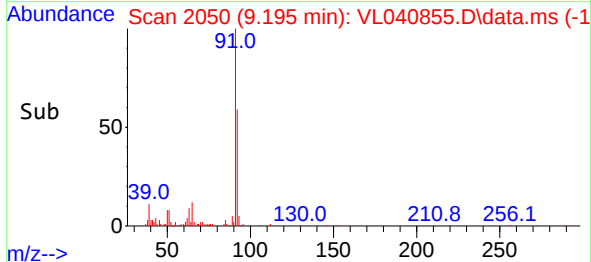
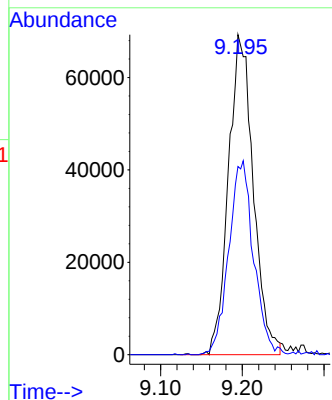
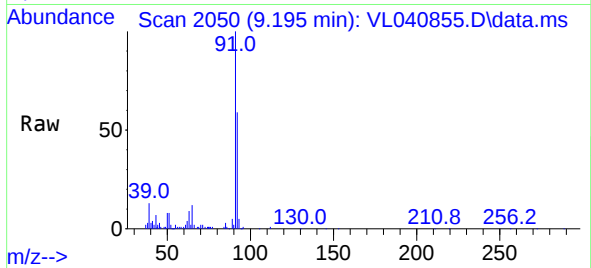
#53
Toluene
Concen: 0.541 ppbv m
RT: 9.195 min Scan# 2051
Delta R.T. -0.003 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 14606
Ion Ratio Lower Upper
91 100
92 60.7 49.4 74.2

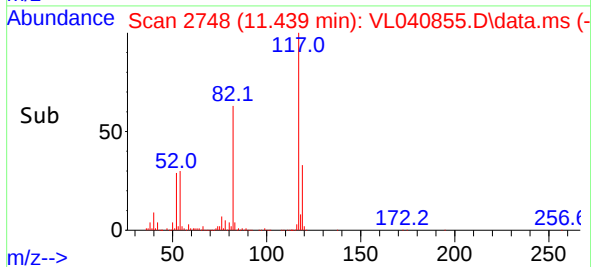
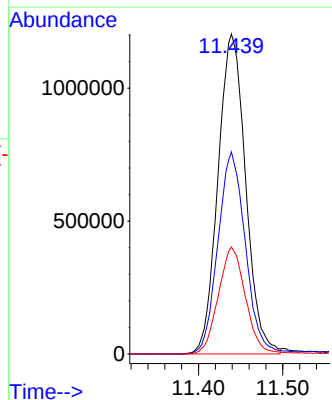
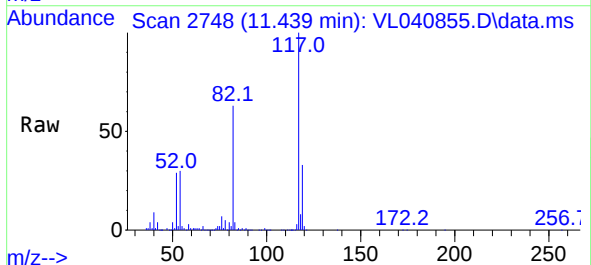
Manual Integrations
APPROVED

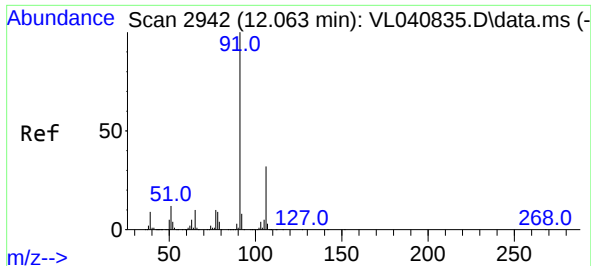
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. -0.000 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

Tgt Ion:117 Resp: 2741770
Ion Ratio Lower Upper
117 100
82 63.9 50.6 75.8
119 33.2 23.3 34.9





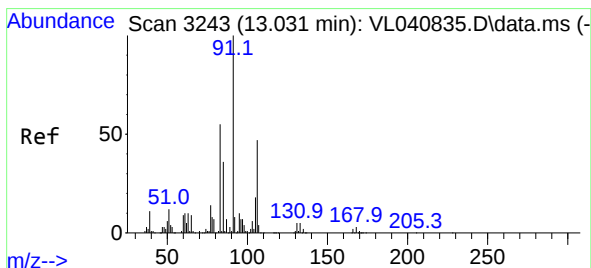
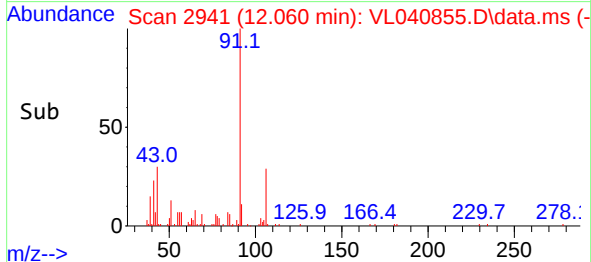
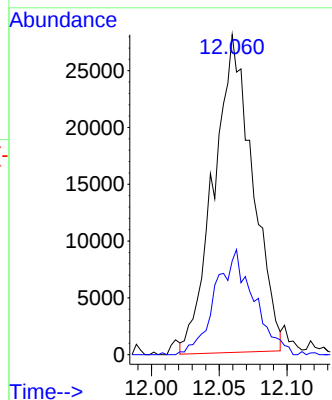
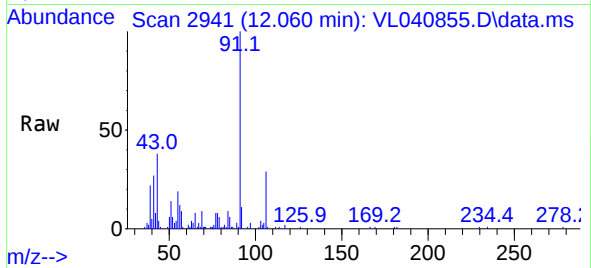
#58
Ethyl Benzene
Concen: 0.157 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.003 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 91 Resp: 5602
Ion Ratio Lower Upper
91 100
106 29.5 25.2 37.8

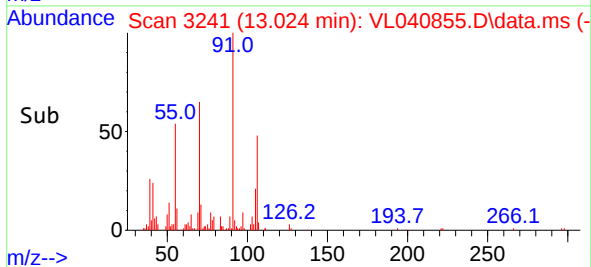
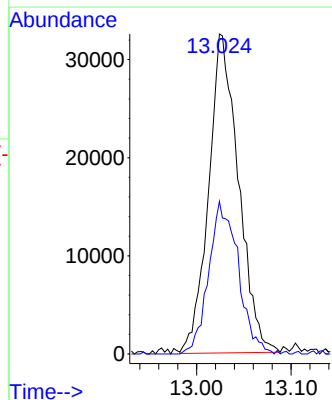
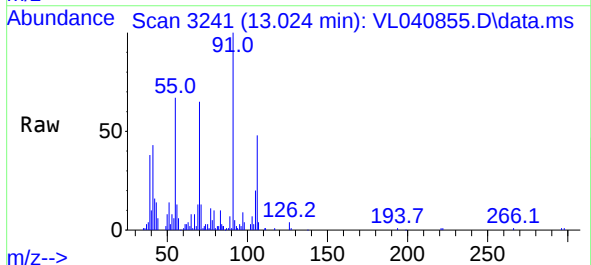
Manual Integrations
APPROVED

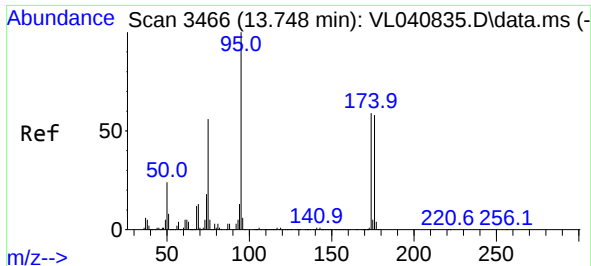
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
o-Xylene
Concen: 0.246 ppbv
RT: 13.024 min Scan# 3241
Delta R.T. -0.007 min
Lab File: VL040855.D
Acq: 14 Nov 2023 17:54

Tgt Ion: 91 Resp: 71483
Ion Ratio Lower Upper
91 100
106 47.3 22.9 68.5





#68

1-Bromo-4-Fluorobenzene

Concen: 9.967 ppbv

RT: 13.744 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL040855.D

Acq: 14 Nov 2023 17:54

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tgt Ion: 95 Resp: 213954

Ion Ratio Lower Upper

95 100

174 63.3 47.5 71.3

175 4.6 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023

