

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040848.D
 Acq On : 14 Nov 2023 13:16
 Operator : SY/MD
 Sample : 05365-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

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

Quant Time: Nov 15 15:35:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 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	5.185	49	1027444	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	2657222	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2240606	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1691651	9.643	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						
11) Trichlorofluoromethane	3.571	101	36359	0.227	ppbv #	83
12) 1,1,2-Trichlorotrifluo...	4.066	101	8114m	0.071	ppbv	
15) Acetone	3.475	43	638087	5.831	ppbv	94
20) Methylene Chloride	3.938	84	131789	2.918	ppbv	90
26) Hexane	5.208	57	119339	1.190	ppbv #	55
29) Chloroform	5.269	83	8222	0.048	ppbv	99
36) Benzene	6.359	78	112356	0.521	ppbv	97
53) Toluene	9.201	91	192987	0.813	ppbv	98
58) Ethyl Benzene	12.063	91	42811m	0.146	ppbv	
59) m/p-Xylene	12.323	91	114036m	0.458	ppbv	
60) o-Xylene	13.028	91	45099m	0.190	ppbv	

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

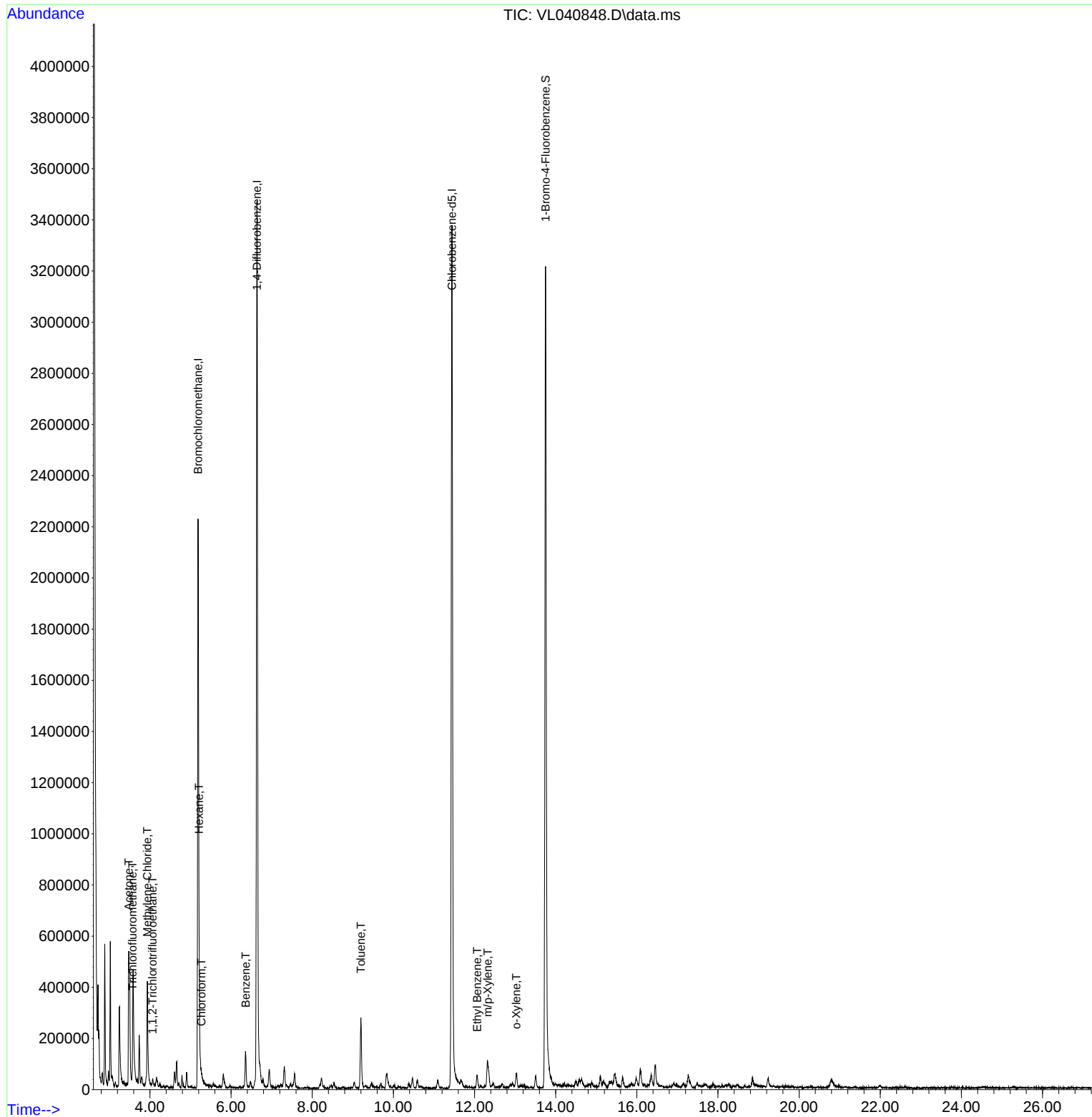
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040848.D
Acq On : 14 Nov 2023 13:16
Operator : SY/MD
Sample : 05365-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

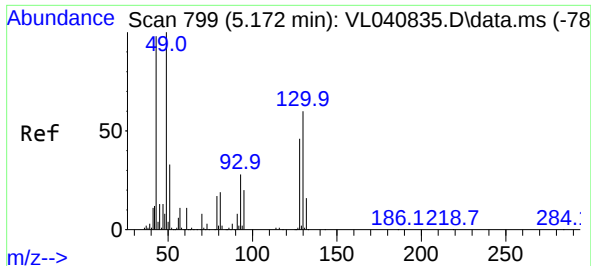
Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: Nov 15 15:35:24 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

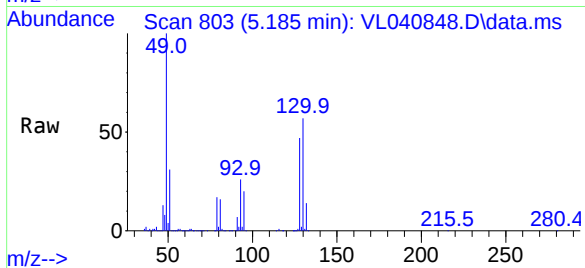
Reviewed By : Mahesh Dadoda 11/17/2023
Supervised By : Semsettin Yesilyurt 11/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

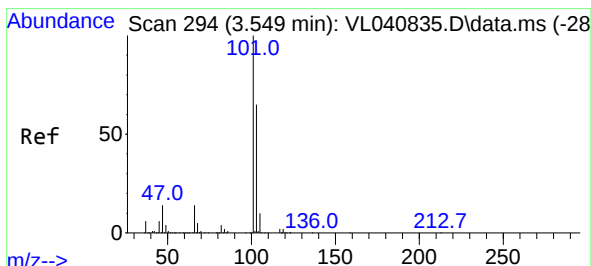
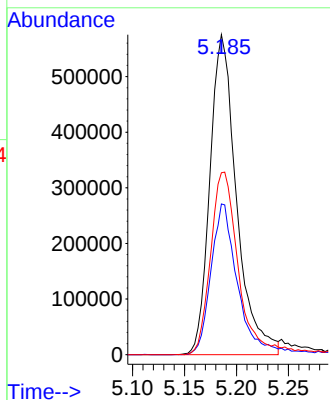
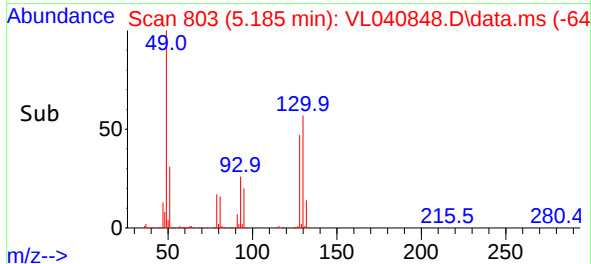
Instrument :
MSVOA_L
ClientSampleId :
OA1



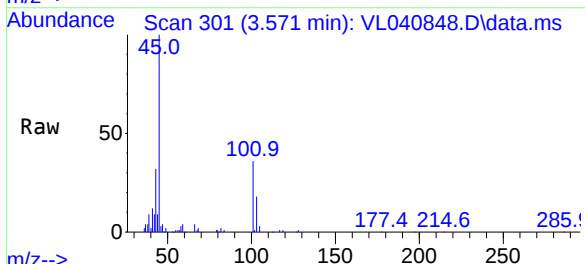
Tgt Ion: 49 Resp: 102744
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.2
130 61.2 30.9 92.8

Manual Integrations
APPROVED

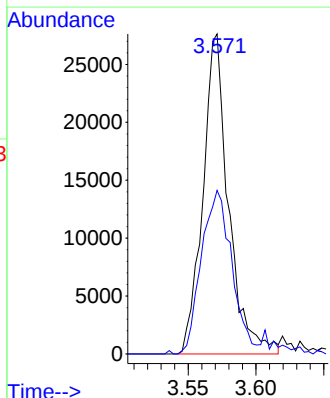
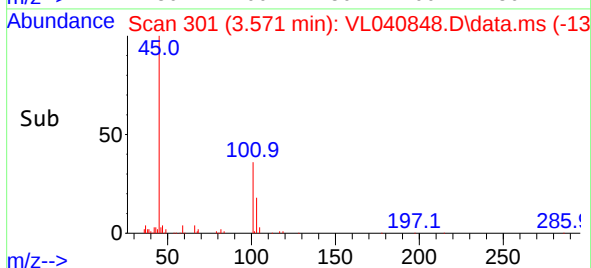
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

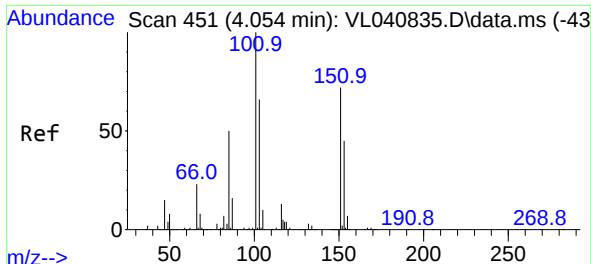


#11
Trichlorofluoromethane
Concen: 0.227 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.023 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16



Tgt Ion:101 Resp: 36359
Ion Ratio Lower Upper
101 100
103 51.1 51.8 77.8#





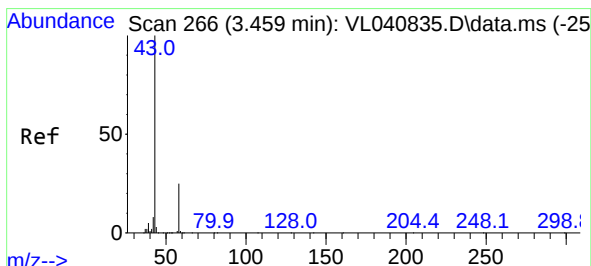
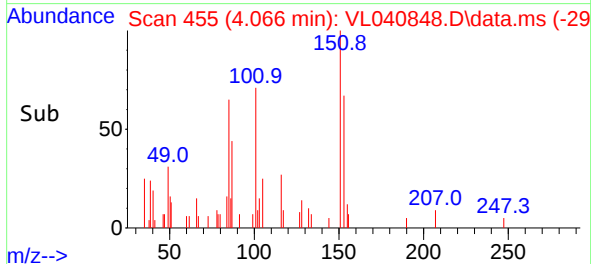
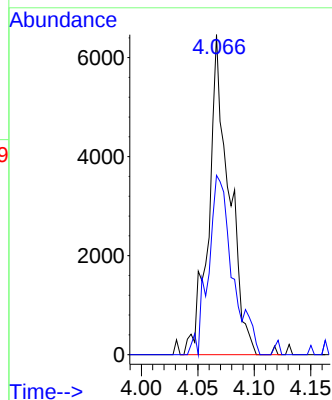
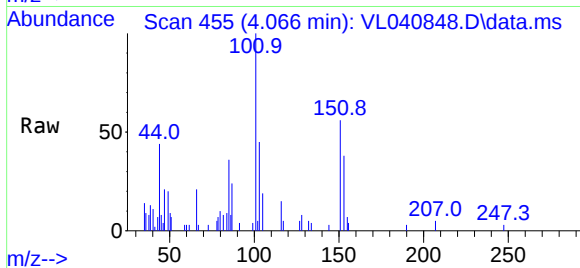
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.071 ppbv m
RT: 4.066 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:101 Resp: 8114
Ion Ratio Lower Upper
101 100
151 0.0 57.8 86.6

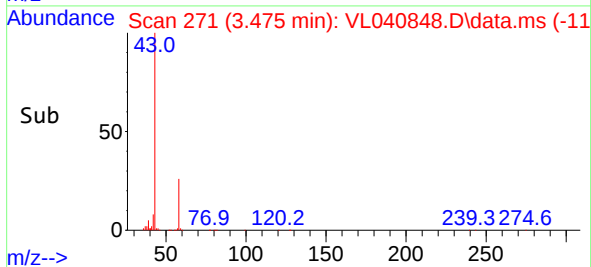
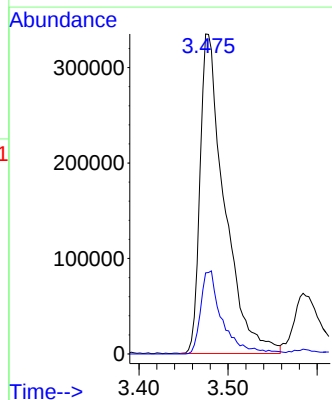
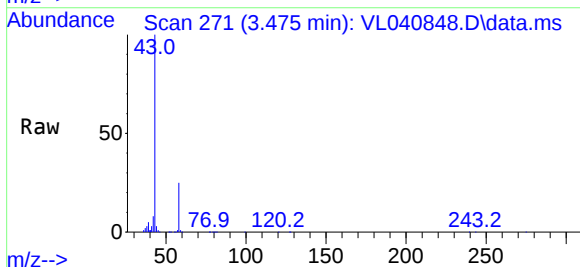
Manual Integrations
APPROVED

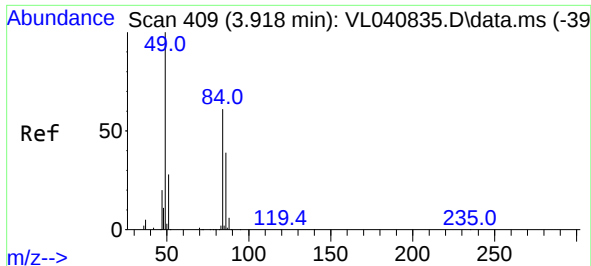
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#15
Acetone
Concen: 5.831 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.016 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

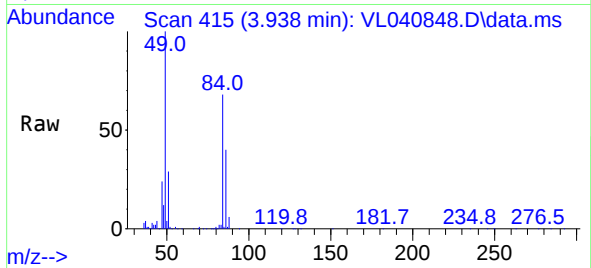
Tgt Ion: 43 Resp: 638087
Ion Ratio Lower Upper
43 100
58 23.1 20.9 31.3





#20
Methylene Chloride
Concen: 2.918 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.019 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

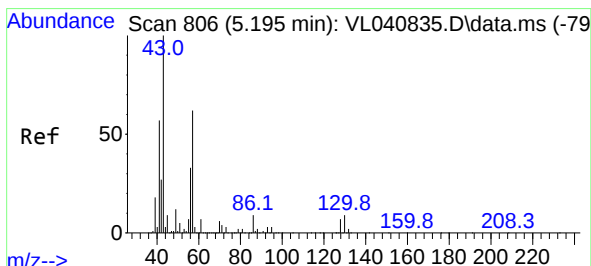
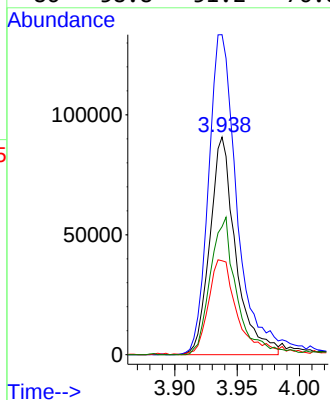
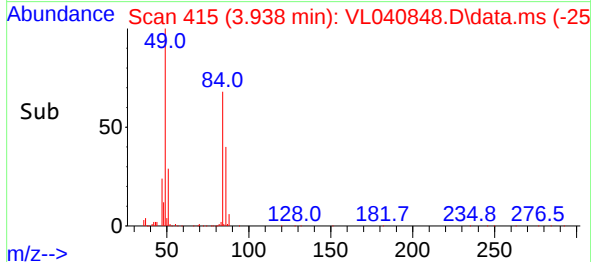
Instrument :
MSVOA_L
ClientSampleId :
OA1



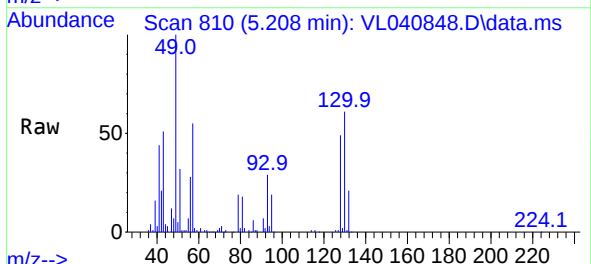
Tgt Ion: 84 Resp: 131789
Ion Ratio Lower Upper
84 100
49 146.9 131.0 196.4
51 42.9 36.9 55.3
86 58.8 51.2 76.8

Manual Integrations
APPROVED

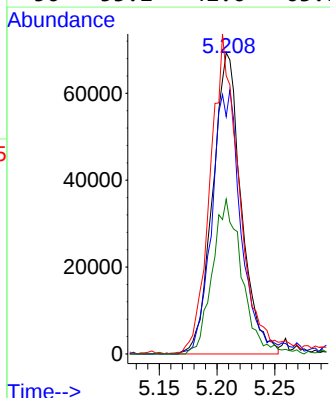
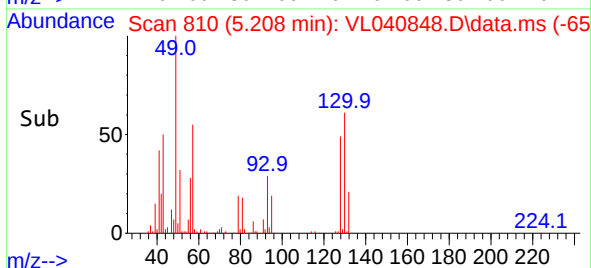
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

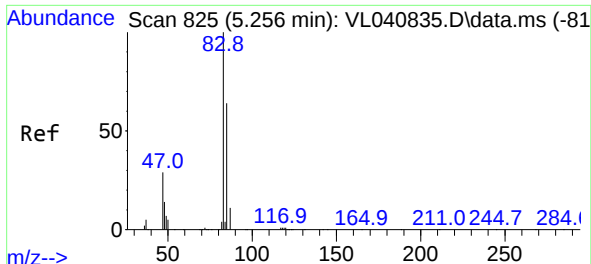


#26
Hexane
Concen: 1.190 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16



Tgt Ion: 57 Resp: 119339
Ion Ratio Lower Upper
57 100
41 91.2 75.4 113.0
43 113.4 185.9 278.9#
56 53.2 42.6 63.8





#29

Chloroform

Concen: 0.048 ppbv

RT: 5.269 min Scan# 81

Delta R.T. 0.013 min

Lab File: VL040848.D

Acq: 14 Nov 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

OA1

Tgt Ion: 83 Resp: 822

Ion Ratio Lower Upper

83 100

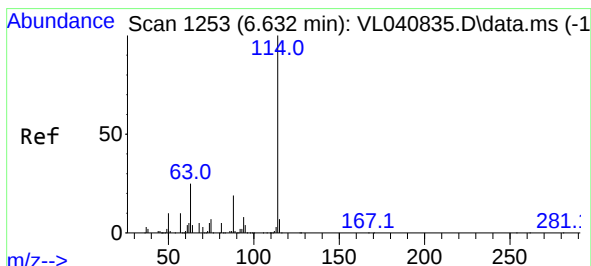
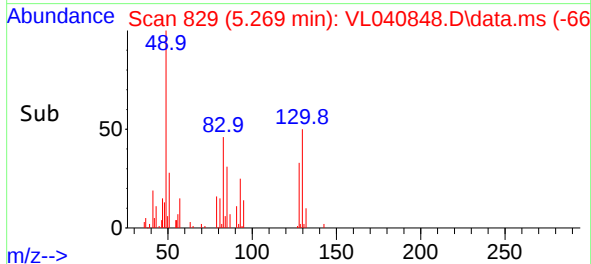
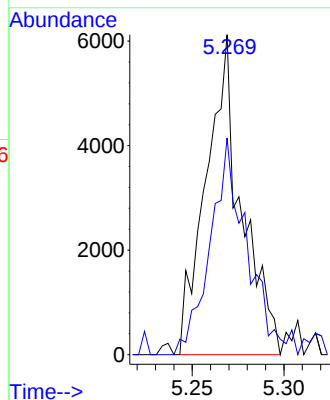
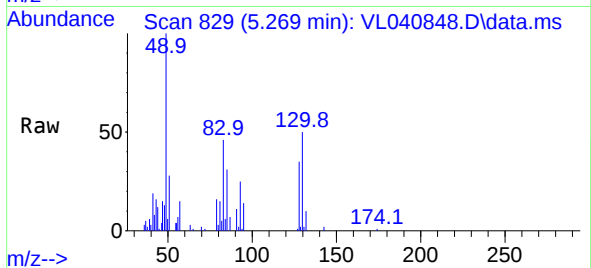
85 64.9 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VL040848.D

Acq: 14 Nov 2023 13:16

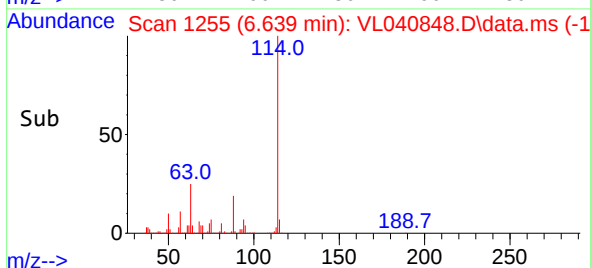
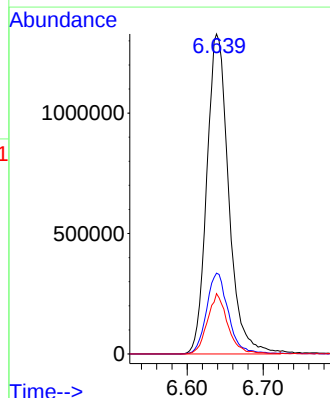
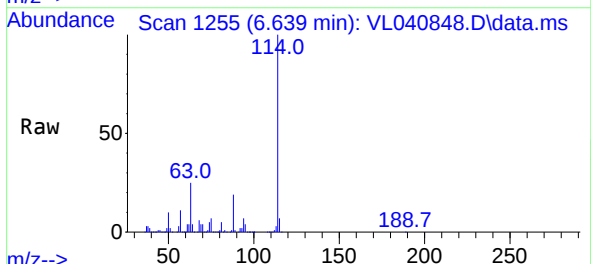
Tgt Ion:114 Resp: 2657222

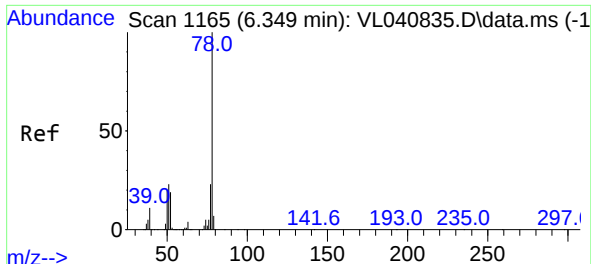
Ion Ratio Lower Upper

114 100

63 25.5 20.9 31.3

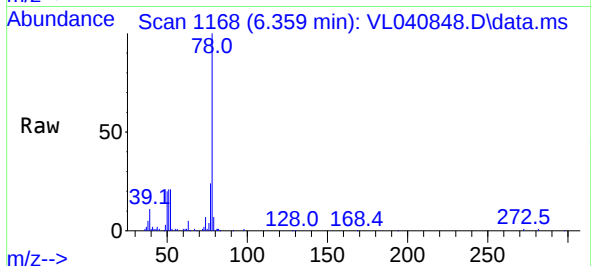
88 17.6 14.3 21.5





#36
Benzene
Concen: 0.521 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.010 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

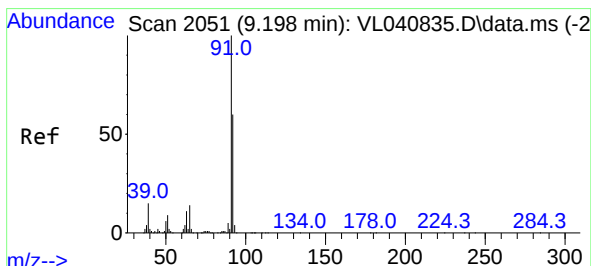
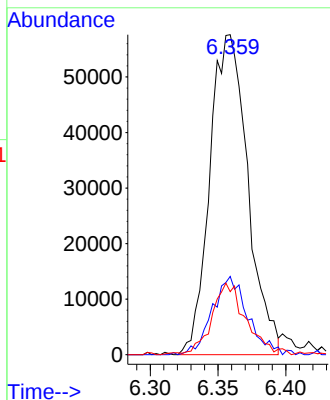
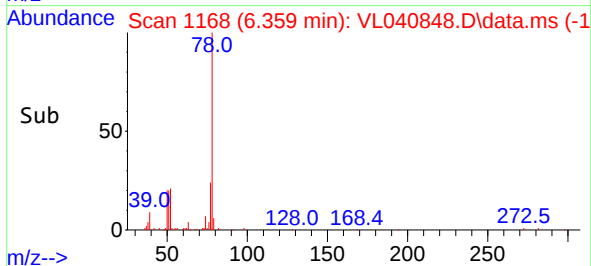
Instrument :
MSVOA_L
ClientSampleId :
OA1



Tgt Ion: 78 Resp: 112350
Ion Ratio Lower Upper
78 100
77 24.4 18.4 27.6
50 19.1 16.2 24.2

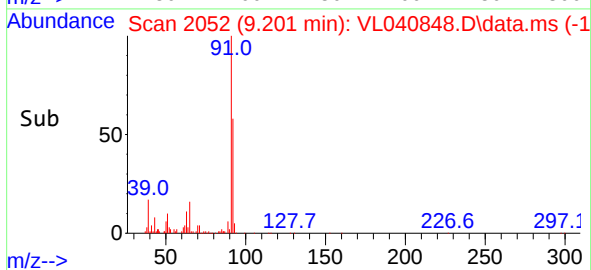
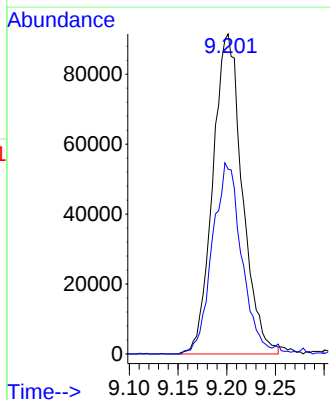
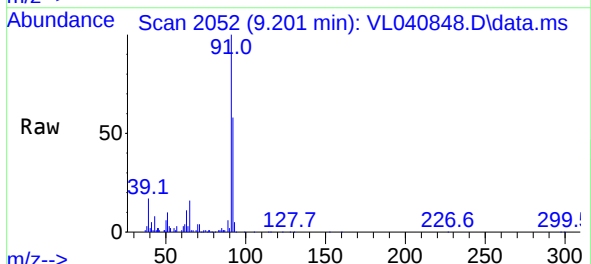
Manual Integrations
APPROVED

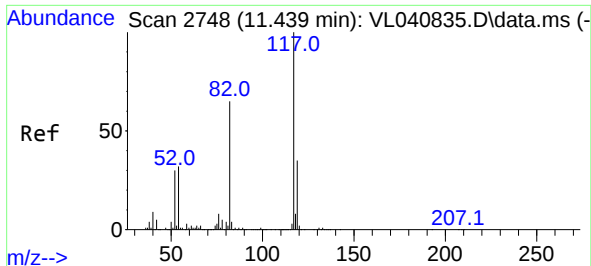
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#53
Toluene
Concen: 0.813 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. 0.003 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

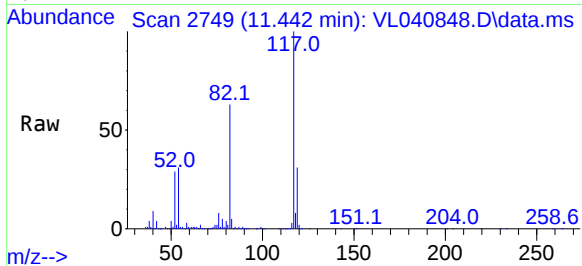
Tgt Ion: 91 Resp: 192987
Ion Ratio Lower Upper
91 100
92 60.5 49.4 74.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

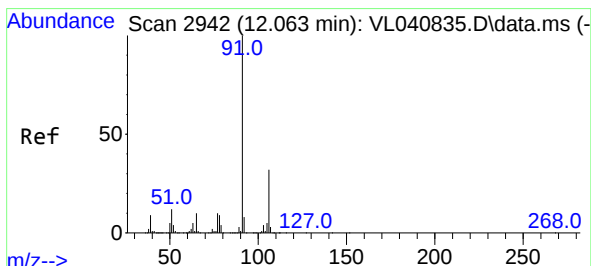
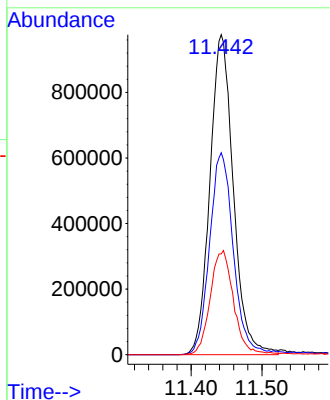
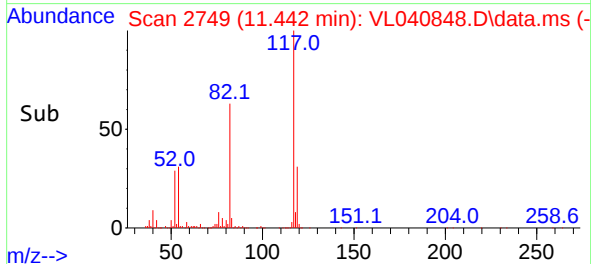
Instrument :
MSVOA_L
ClientSampleId :
OA1



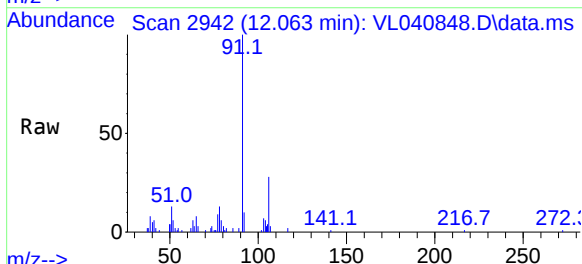
Tgt Ion:117 Resp: 2240600
Ion Ratio Lower Upper
117 100
82 64.7 50.6 75.8
119 32.7 23.3 34.9

Manual Integrations
APPROVED

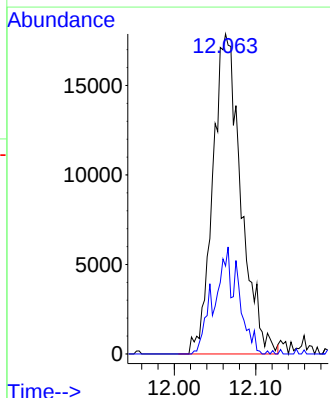
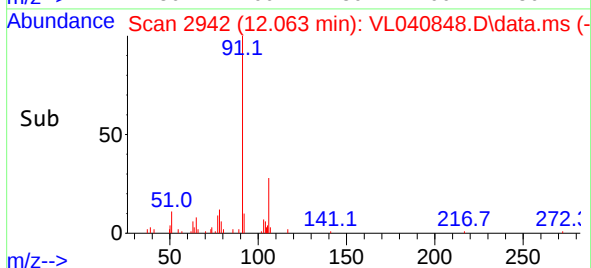
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

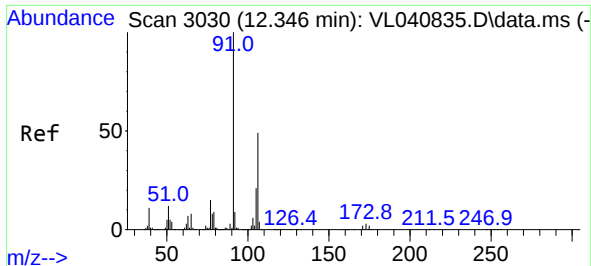


#58
Ethyl Benzene
Concen: 0.146 ppbv m
RT: 12.063 min Scan# 2942
Delta R.T. 0.000 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16



Tgt Ion: 91 Resp: 42811
Ion Ratio Lower Upper
91 100
106 27.5 25.2 37.8





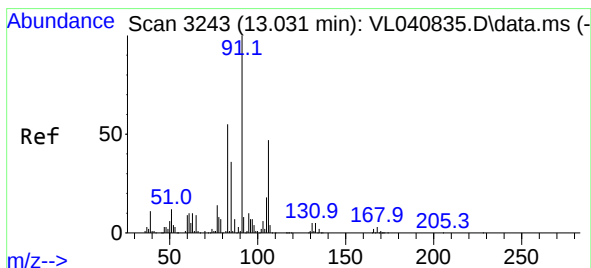
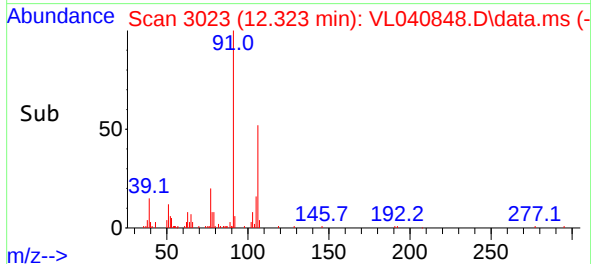
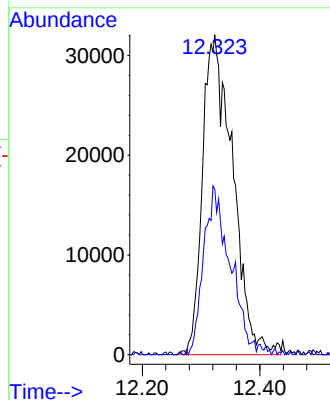
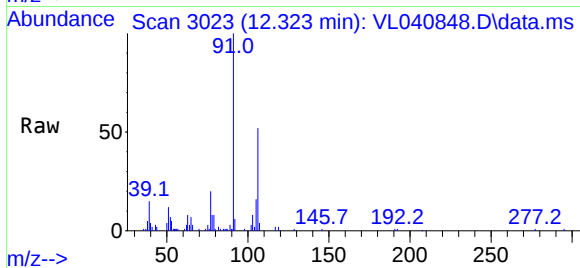
#59
m/p-Xylene
Concen: 0.458 ppbv m
RT: 12.323 min Scan# 3030
Delta R.T. -0.022 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 91 Resp: 114030
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.0

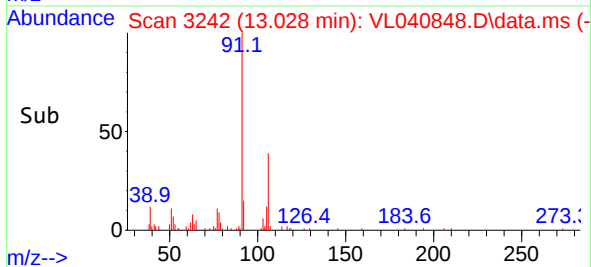
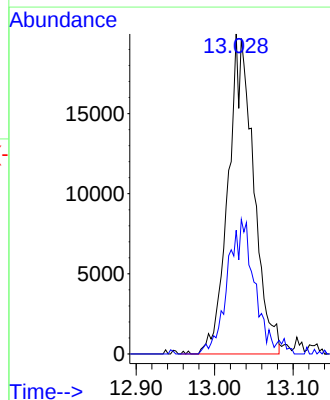
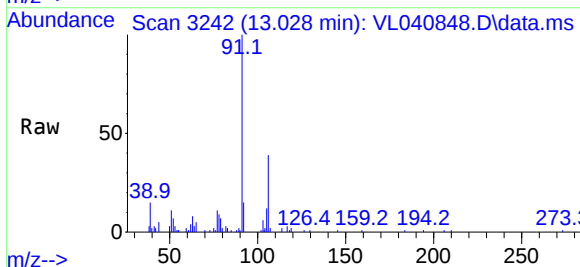
Manual Integrations
APPROVED

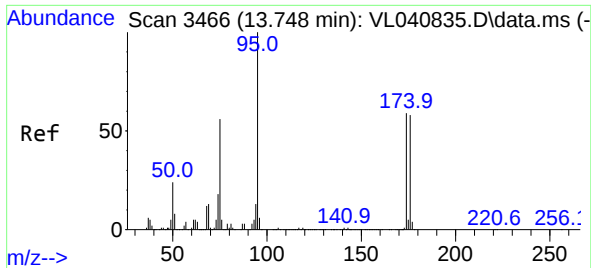
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
o-Xylene
Concen: 0.190 ppbv m
RT: 13.028 min Scan# 3242
Delta R.T. -0.003 min
Lab File: VL040848.D
Acq: 14 Nov 2023 13:16

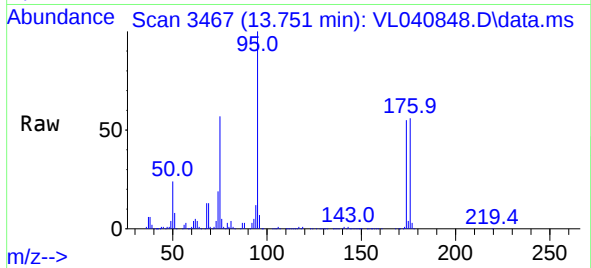
Tgt Ion: 91 Resp: 45099
Ion Ratio Lower Upper
91 100
106 45.2 22.9 68.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.643 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.003 min
 Lab File: VL040848.D
 Acq: 14 Nov 2023 13:16

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1



Tgt Ion: 95 Resp: 169165

Ion	Ratio	Lower	Upper
95	100		
174	61.4	47.5	71.3
175	4.5	3.6	5.4

Manual Integrations
 APPROVED

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

