

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040473.D
 Acq On : 15 Jun 2023 18:57
 Operator : SY/MD
 Sample : 03250-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-07DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 05:39:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Jun 06 06:22:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1129916	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	3029056	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2687809	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2098893	9.461	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.600%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	27085	0.475	ppbv	91
13) Ethanol	3.253	45	18996	1.607	ppbv	84
15) Acetone	3.481	43	196310	1.440	ppbv #	35
17) tert-Butyl alcohol	3.896	59	90826	0.811	ppbv	96
26) Hexane	5.224	57	192525	1.646	ppbv #	43
34) 2-Butanone	4.803	43	349162	2.390	ppbv	96
52) Tetrachloroethene	10.629	164	10307m	0.136	ppbv	

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

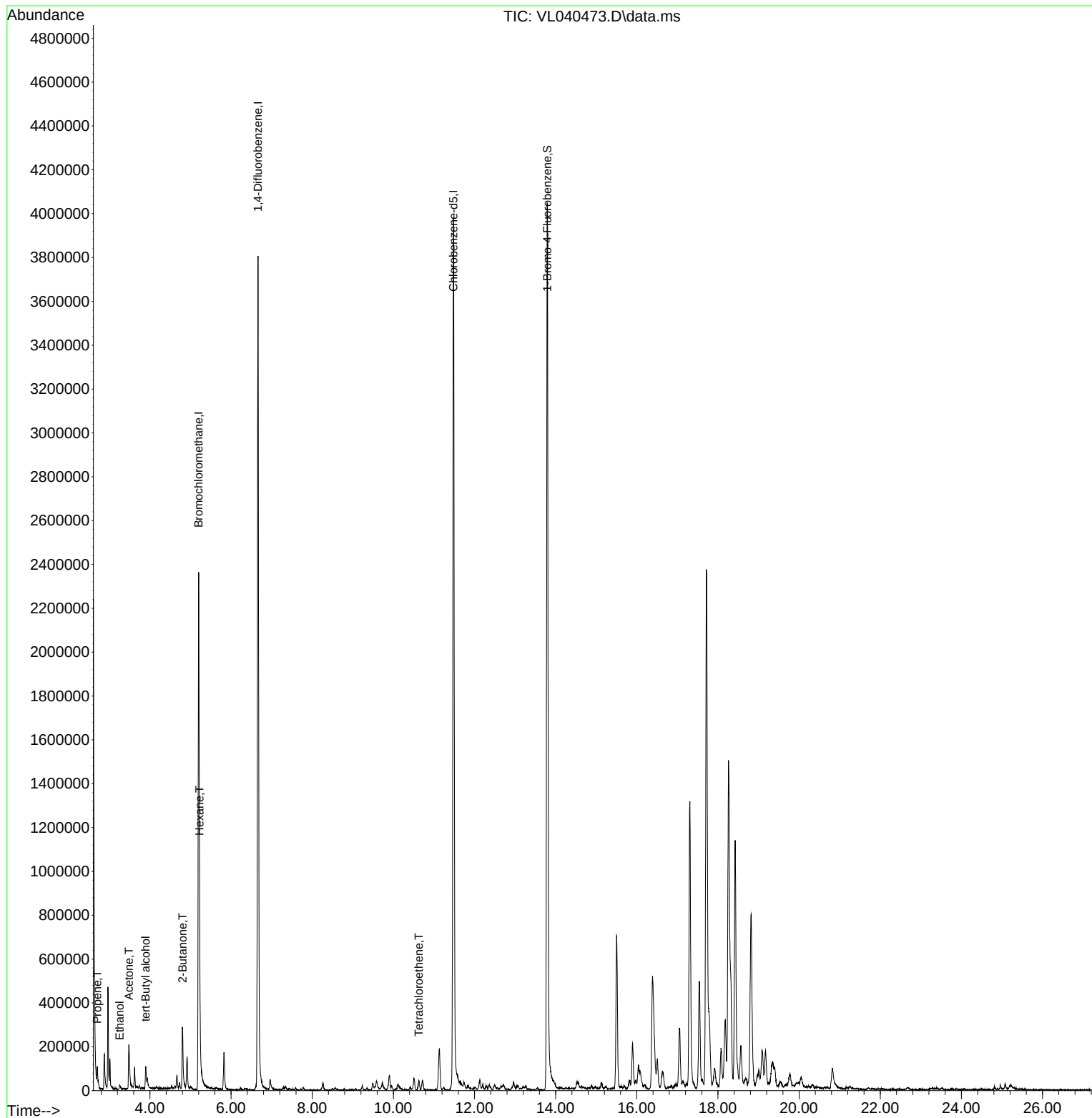
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
Data File : VL040473.D
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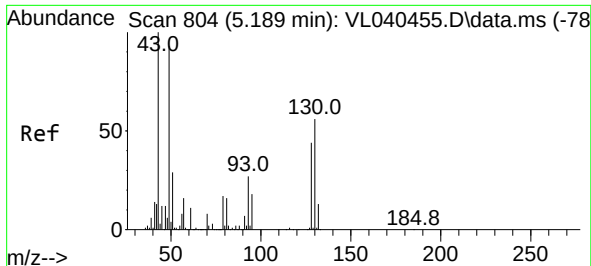
Instrument :
MSVOA_L
ClientSampleId :
SVP-07DL

Quant Time: Jun 16 05:39:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
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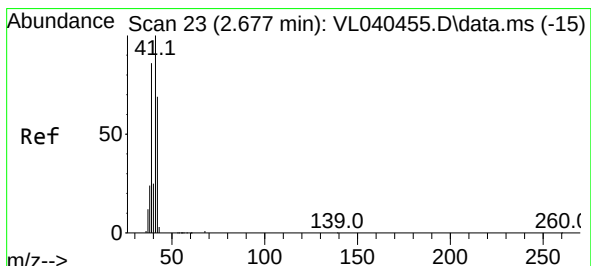
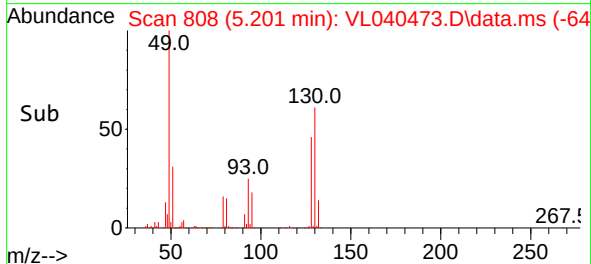
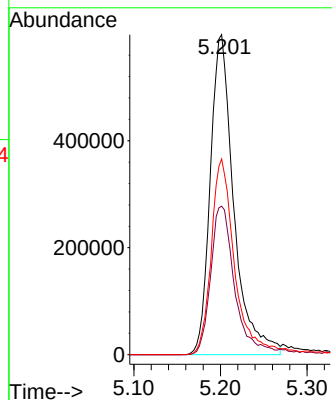
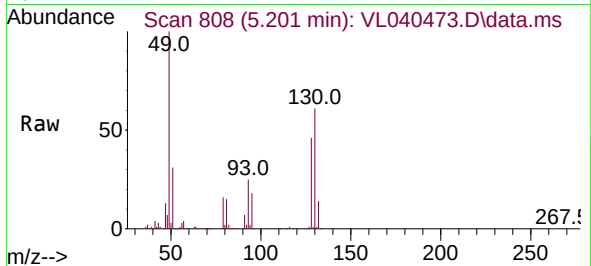
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040473.D
Acq: 15 Jun 2023 18:57

Instrument :
MSVOA_L
ClientSampleId :
SVP-07DL

Tgt Ion: 49 Resp: 1129910
Ion Ratio Lower Upper
49 100
128 49.7 24.7 74.1
130 63.6 31.4 94.2

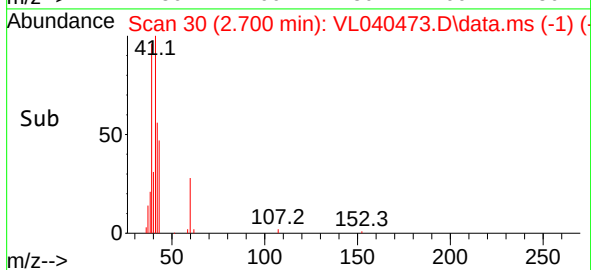
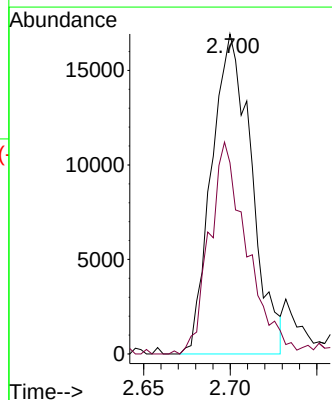
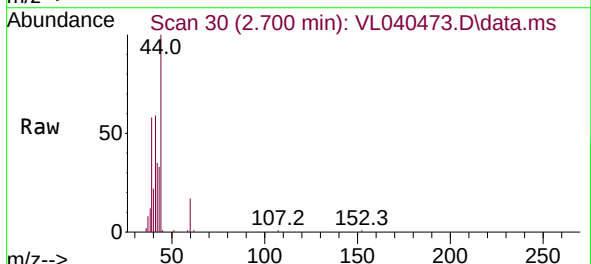
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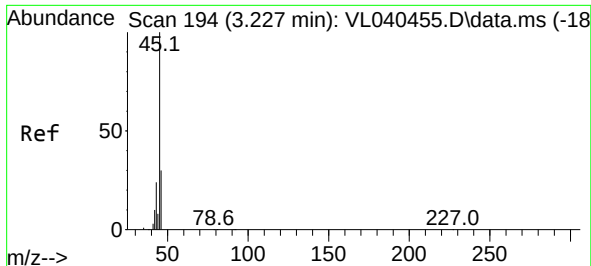
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#9
Propene
Concen: 0.475 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL040473.D
Acq: 15 Jun 2023 18:57

Tgt Ion: 41 Resp: 27085
Ion Ratio Lower Upper
41 100
42 62.7 56.2 84.2





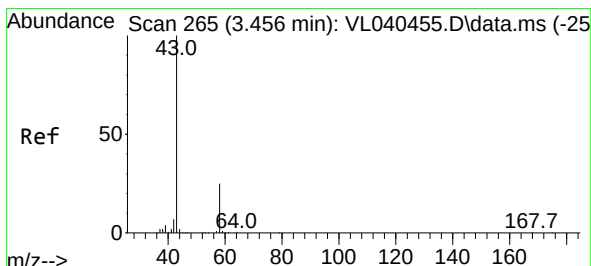
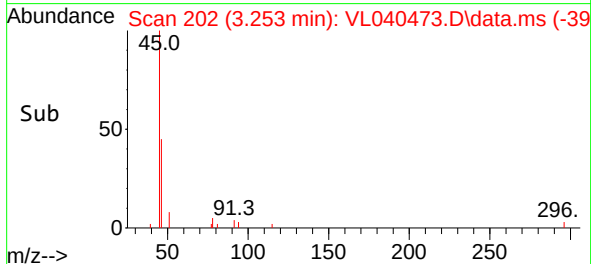
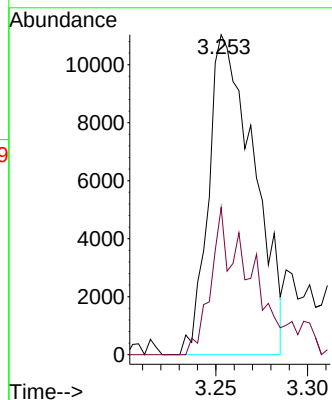
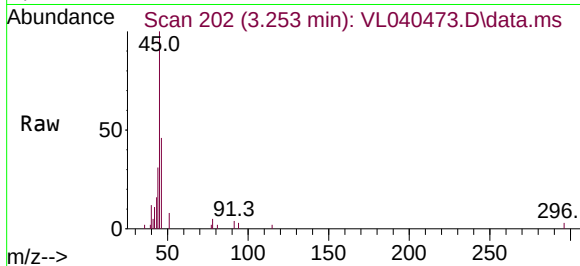
#13
Ethanol
Concen: 1.607 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL040473.D
Acq: 15 Jun 2023 18:57

Instrument :
MSVOA_L
ClientSampleId :
SVP-07DL

Tgt Ion: 45 Resp: 18990
Ion Ratio Lower Upper
45 100
46 45.9 14.5 58.1

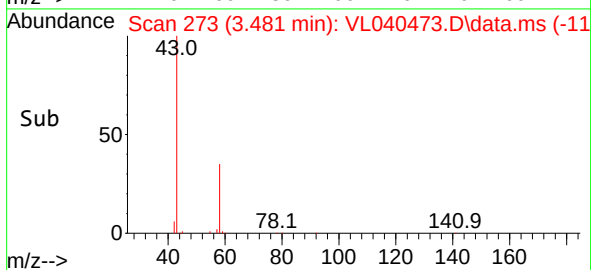
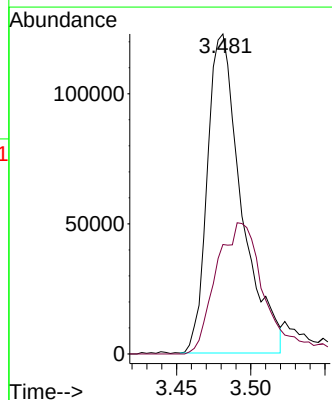
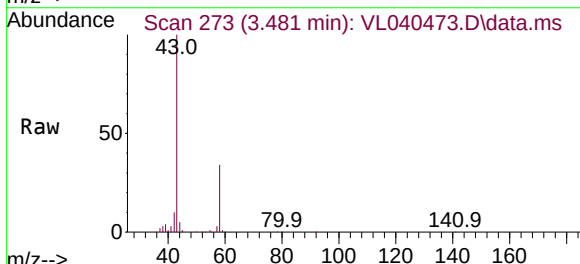
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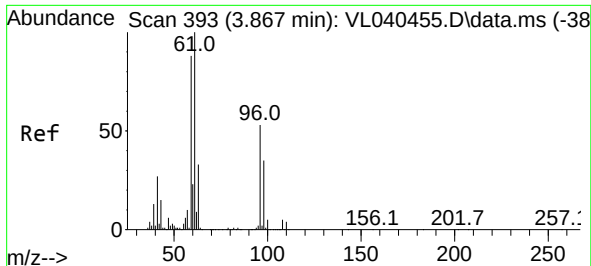
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#15
Acetone
Concen: 1.440 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.026 min
Lab File: VL040473.D
Acq: 15 Jun 2023 18:57

Tgt Ion: 43 Resp: 196310
Ion Ratio Lower Upper
43 100
58 60.7 21.6 32.4#





#17

tert-Butyl alcohol

Concen: 0.811 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.029 min

Lab File: VL040473.D

Acq: 15 Jun 2023 18:57

Instrument :

MSVOA_L

ClientSampleId :

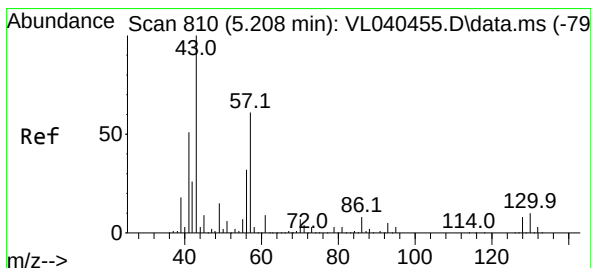
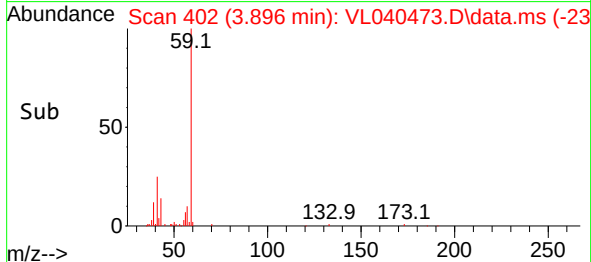
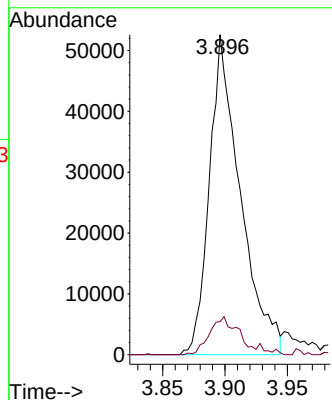
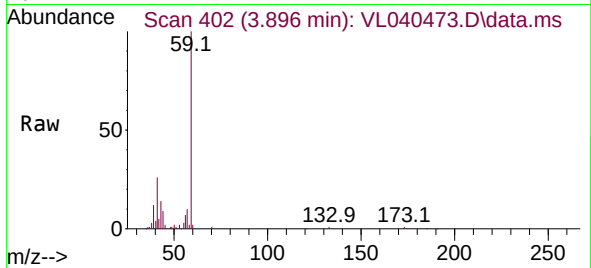
SVP-07DL

Tgt Ion: 59 Resp: 90820
 Ion Ratio Lower Upper
 59 100
 57 12.4 8.8 13.2

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 Supervised By :Mahesh Dadoda 06/16/2023



#26

Hexane

Concen: 1.646 ppbv

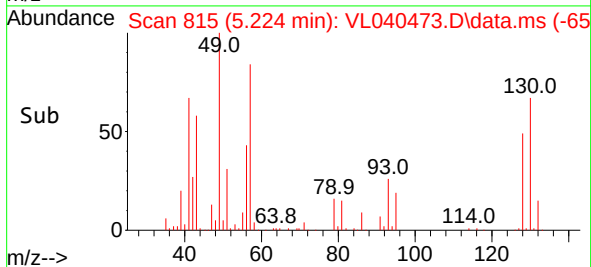
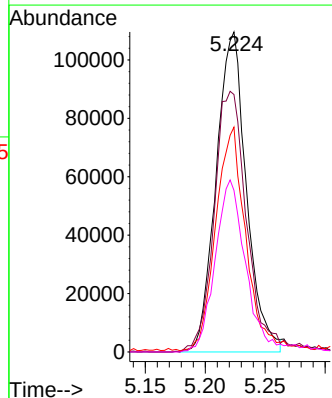
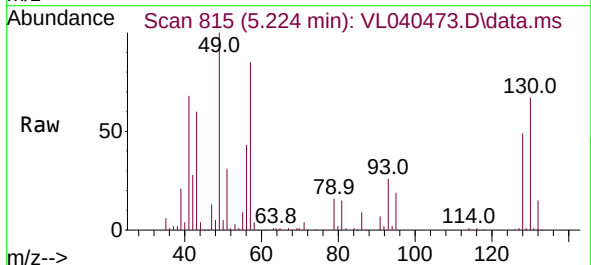
RT: 5.224 min Scan# 815

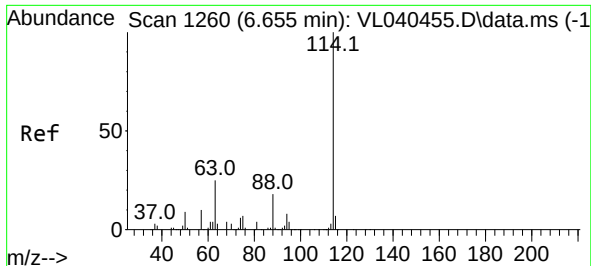
Delta R.T. 0.016 min

Lab File: VL040473.D

Acq: 15 Jun 2023 18:57

Tgt Ion: 57 Resp: 192525
 Ion Ratio Lower Upper
 57 100
 41 89.9 73.0 109.6
 43 71.2 177.5 266.3#
 56 55.9 43.6 65.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040473.D

Acq: 15 Jun 2023 18:57

Instrument :

MSVOA_L

ClientSampleId :

SVP-07DL

Tgt Ion:114 Resp: 302905

Ion Ratio Lower Upper

114 100

63 24.2 21.0 31.6

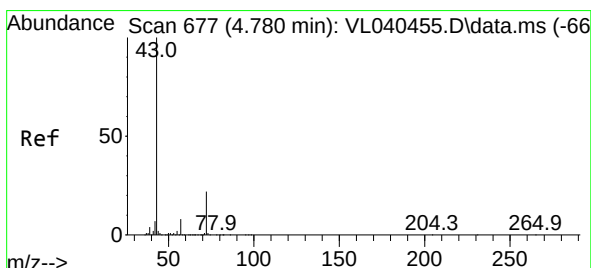
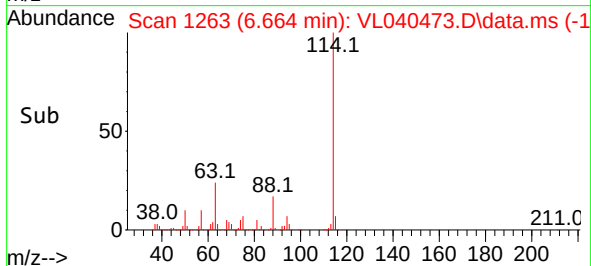
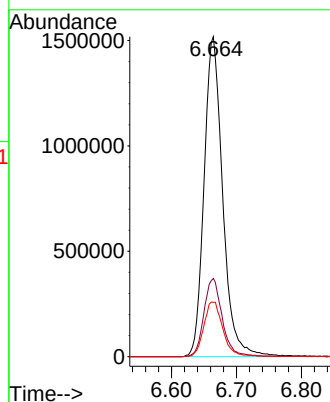
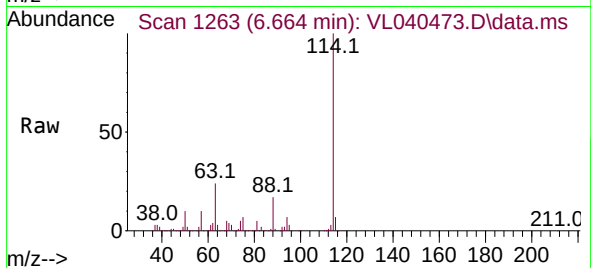
88 17.7 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

2-Butanone

Concen: 2.390 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.022 min

Lab File: VL040473.D

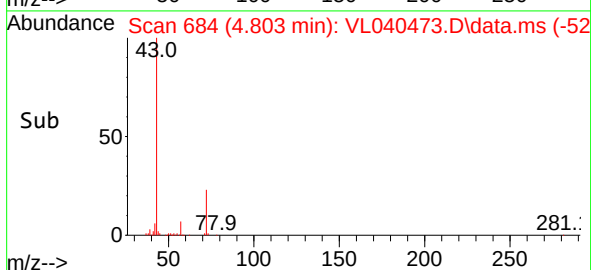
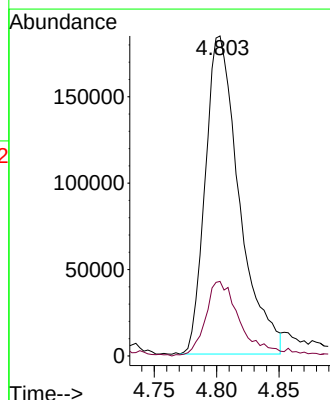
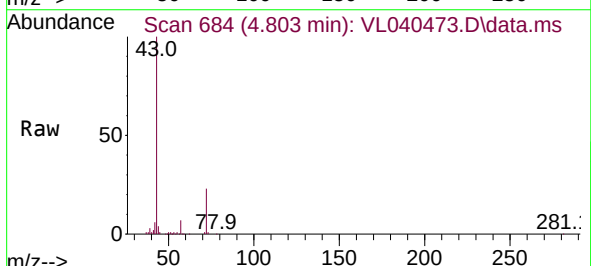
Acq: 15 Jun 2023 18:57

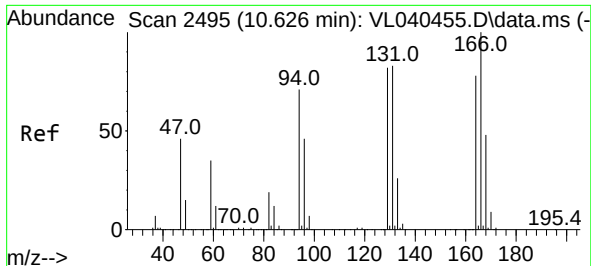
Tgt Ion: 43 Resp: 349162

Ion Ratio Lower Upper

43 100

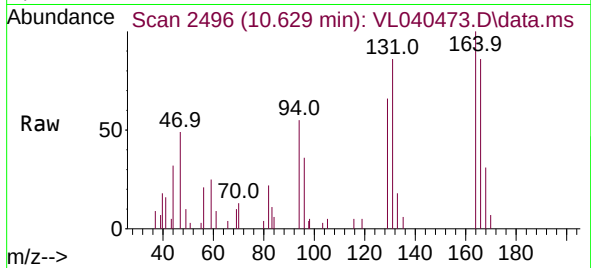
72 24.7 18.1 27.1





#52
Tetrachloroethene
Concen: 0.136 ppbv m
RT: 10.629 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040473.D
Acq: 15 Jun 2023 18:57

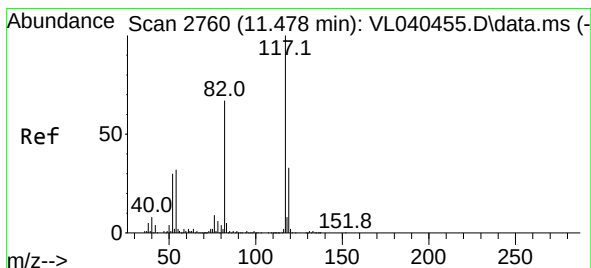
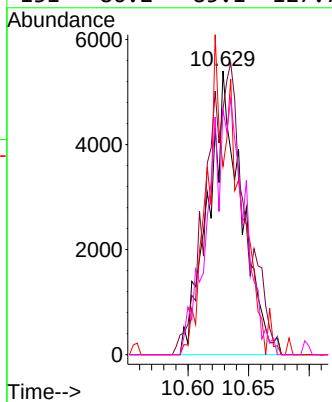
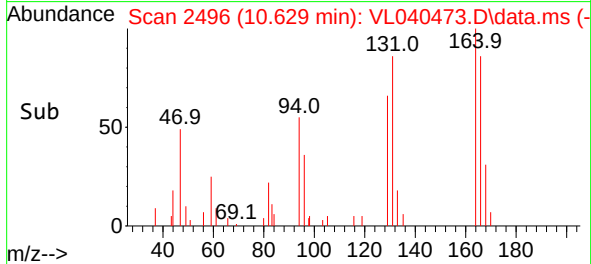
Instrument :
MSVOA_L
ClientSampleId :
SVP-07DL



Tgt Ion:164 Resp: 10307
Ion Ratio Lower Upper
164 100
166 86.4 102.7 154.1
129 66.4 84.6 126.8
131 86.2 85.1 127.7

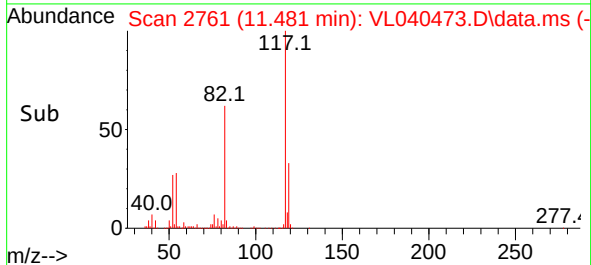
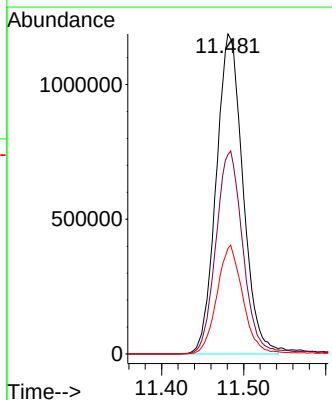
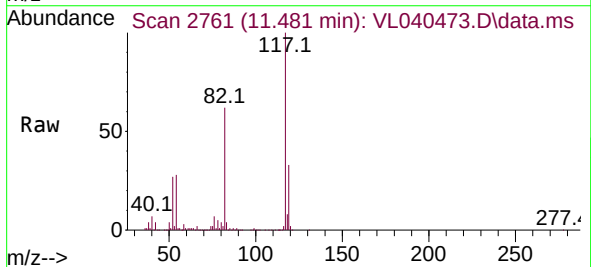
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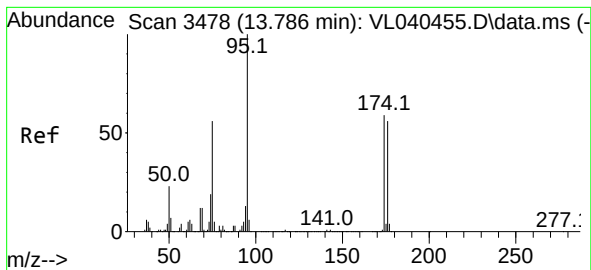
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.003 min
Lab File: VL040473.D
Acq: 15 Jun 2023 18:57

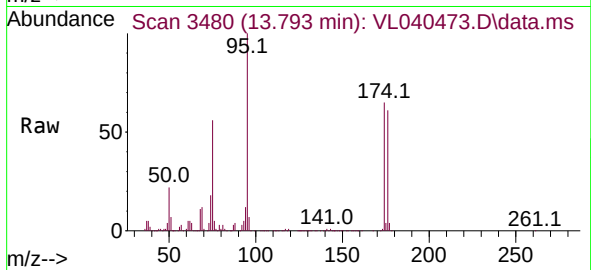
Tgt Ion:117 Resp: 2687809
Ion Ratio Lower Upper
117 100
82 65.6 53.0 79.4
119 33.3 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.461 ppbv
 RT: 13.793 min Scan# 3478
 Delta R.T. 0.006 min
 Lab File: VL040473.D
 Acq: 15 Jun 2023 18:57

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-07DL



Tgt Ion: 95 Resp: 209889
 Ion Ratio Lower Upper
 95 100
 174 64.3 47.7 71.5
 175 4.8 3.5 5.3

Manual Integrations
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