

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040481.D
 Acq On : 16 Jun 2023 00:25
 Operator : SY/MD
 Sample : 03250-06DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 05:43:23 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	5.198	49	1081917	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2827321	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2506399	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1963261	9.491	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.900%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	26220	0.480	ppbv	99
13) Ethanol	3.250	45	32520m	2.874	ppbv	
15) Acetone	3.478	43	190556	1.460	ppbv #	34
17) tert-Butyl alcohol	3.896	59	54531	0.508	ppbv	96
20) Methylene Chloride	3.938	84	18512	0.332	ppbv #	80
26) Hexane	5.217	57	62102	0.555	ppbv #	43
27) Carbon Disulfide	4.131	76	36332	0.259	ppbv #	81
34) 2-Butanone	4.803	43	355518	2.608	ppbv	98
51) 2-Hexanone	9.574	43	55991m	0.442	ppbv	
52) Tetrachloroethene	10.632	164	8220m	0.116	ppbv	
53) Toluene	9.230	91	14257m	0.060	ppbv	

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

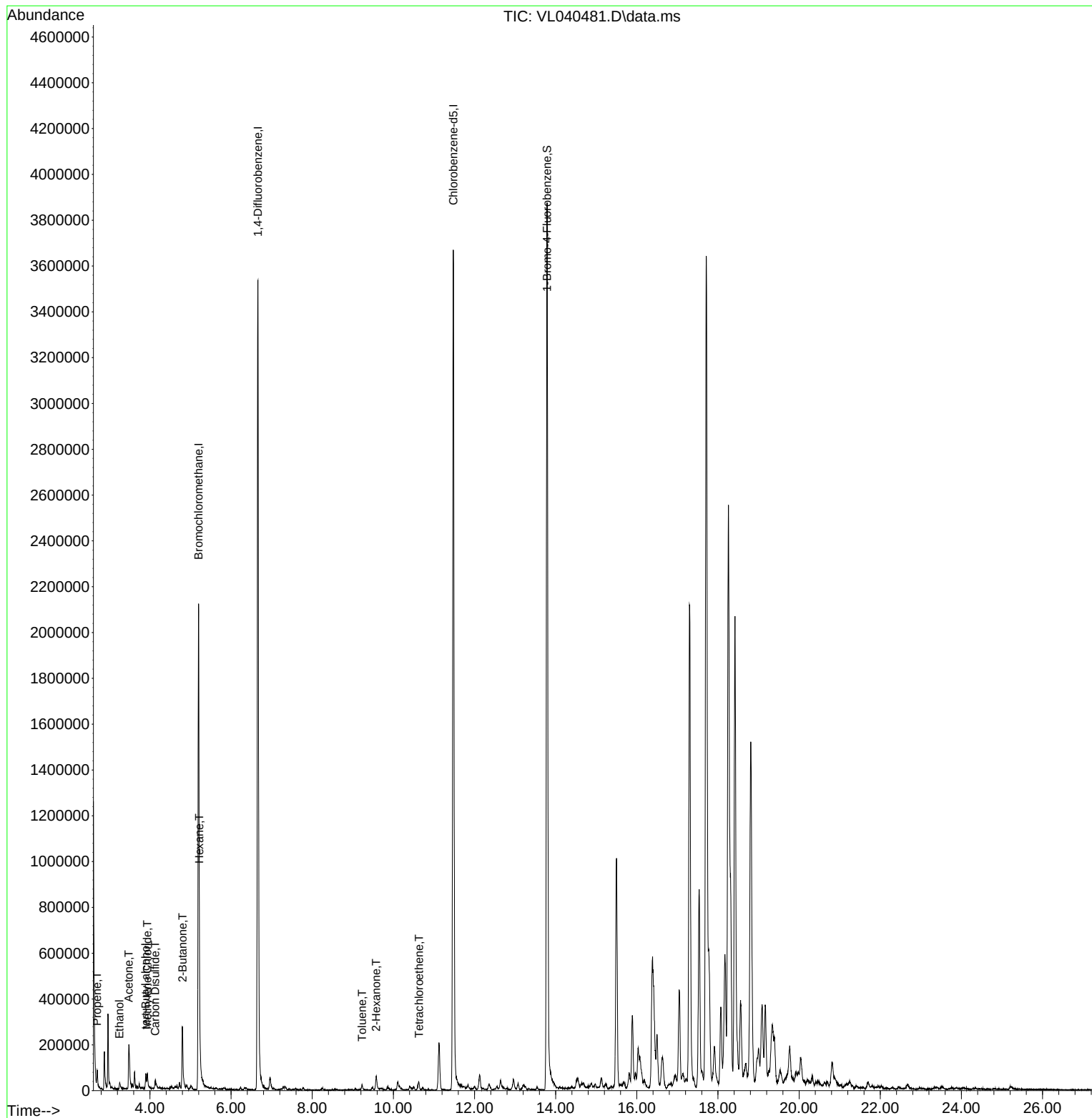
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
Data File : VL040481.D
Acq On : 16 Jun 2023 00:25
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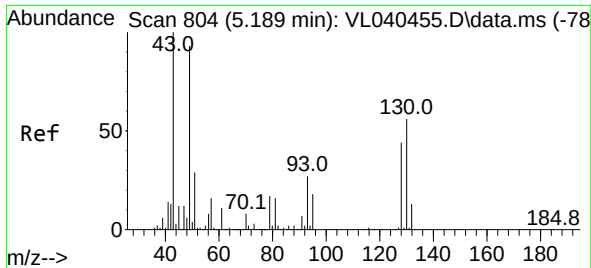
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Quant Time: Jun 16 05:43:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

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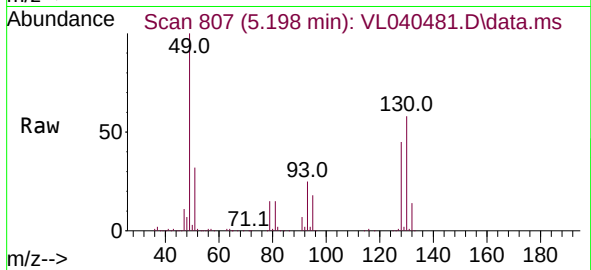
Reviewed By : Semsettin Yesilyurt 06/16/2023
Supervised By : Mahesh Dadoda 06/16/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.009 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

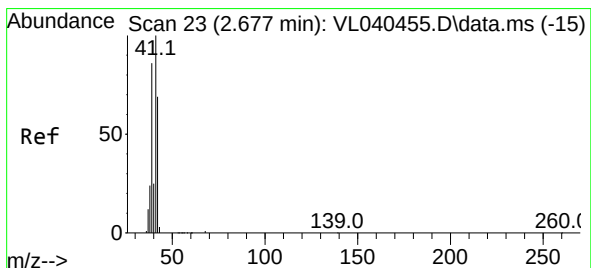
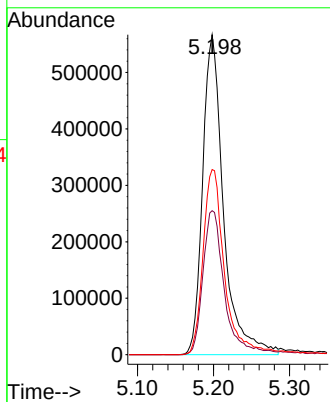
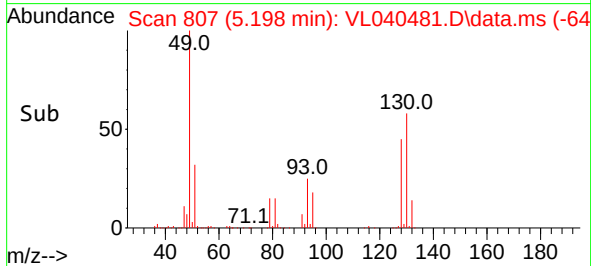
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



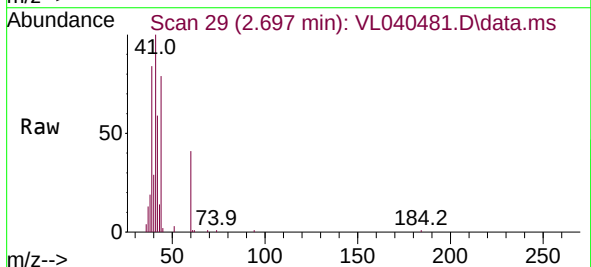
Tgt Ion: 49 Resp: 108191
Ion Ratio Lower Upper
49 100
128 47.7 24.7 74.1
130 61.0 31.4 94.2

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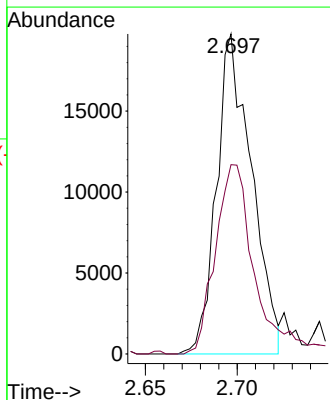
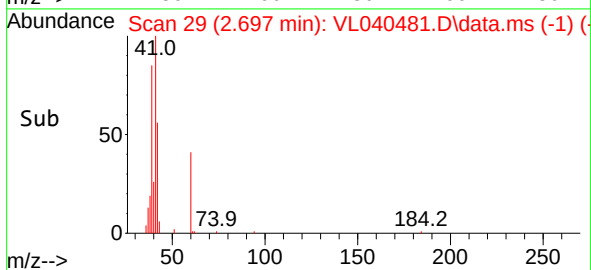
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

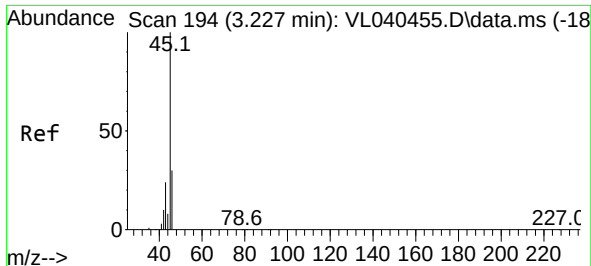


#9
Propene
Concen: 0.480 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.019 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25



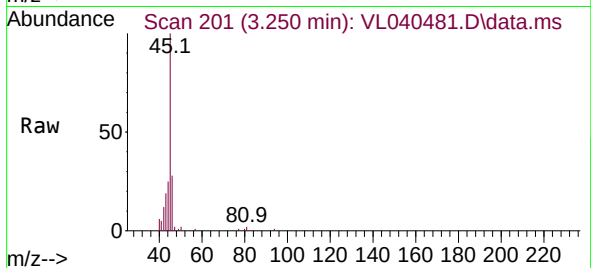
Tgt Ion: 41 Resp: 26220
Ion Ratio Lower Upper
41 100
42 69.2 56.2 84.2





#13
Ethanol
Concen: 2.874 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.022 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

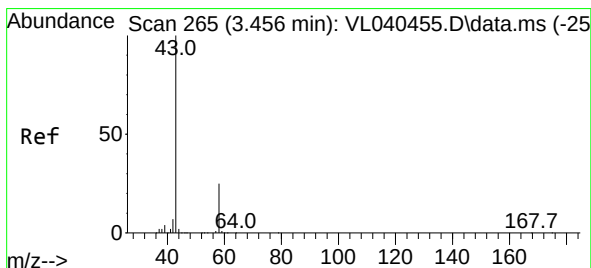
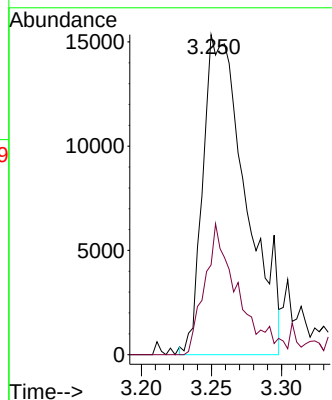
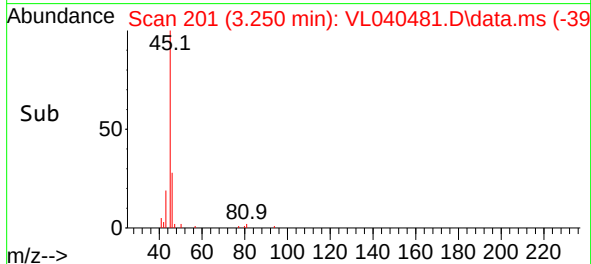
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



Tgt Ion: 45 Resp: 32520
Ion Ratio Lower Upper
45 100
46 36.9 14.5 58.1

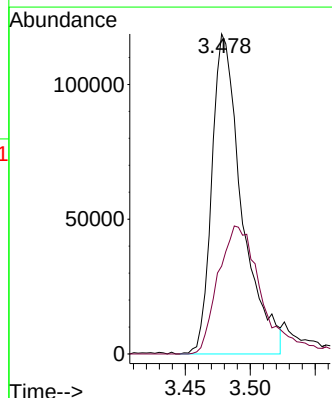
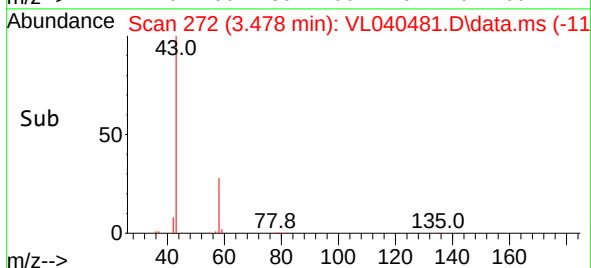
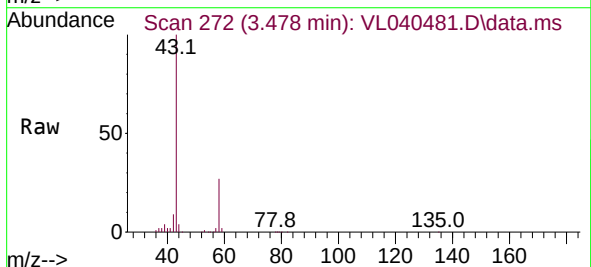
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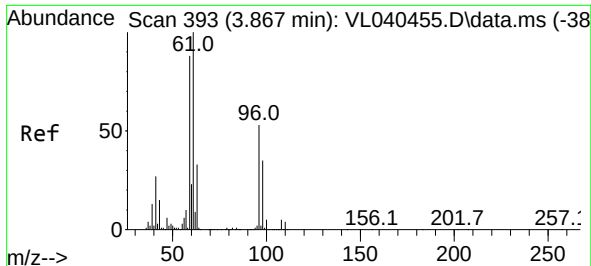
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#15
Acetone
Concen: 1.460 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.022 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

Tgt Ion: 43 Resp: 190556
Ion Ratio Lower Upper
43 100
58 60.9 21.6 32.4#





#17

tert-Butyl alcohol

Concen: 0.508 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.029 min

Lab File: VL040481.D

Acq: 16 Jun 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

SVP-01DL

Tgt Ion: 59 Resp: 5453

Ion Ratio Lower Upper

59 100

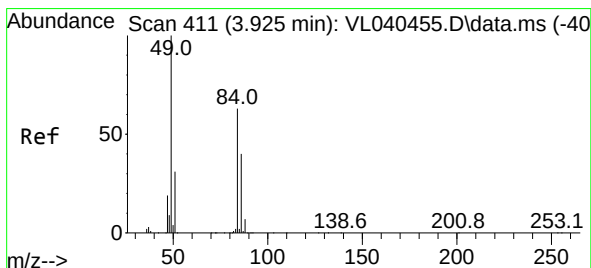
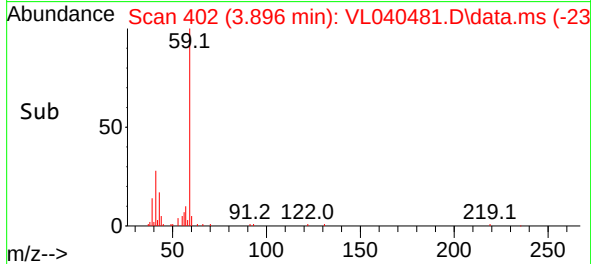
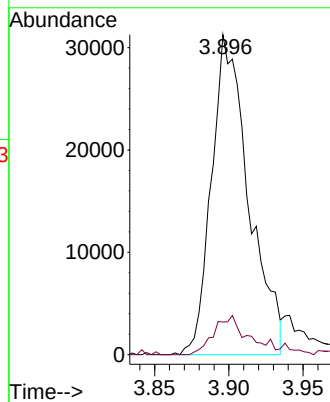
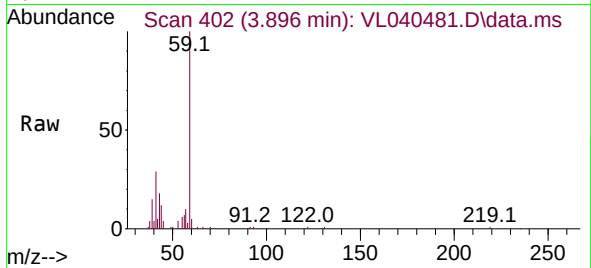
57 12.4 8.8 13.2

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#20

Methylene Chloride

Concen: 0.332 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.013 min

Lab File: VL040481.D

Acq: 16 Jun 2023 00:25

Tgt Ion: 84 Resp: 18512

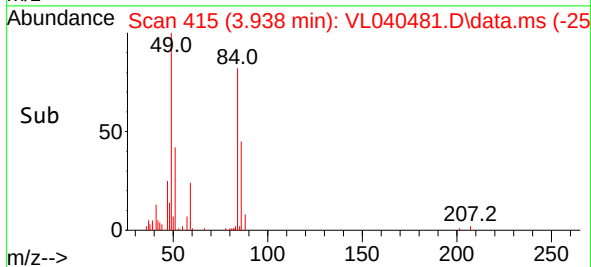
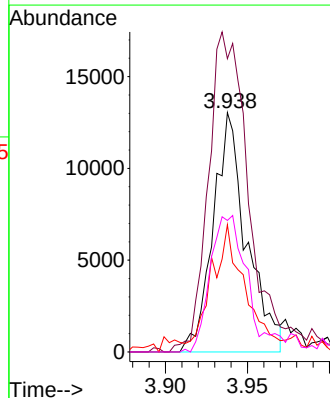
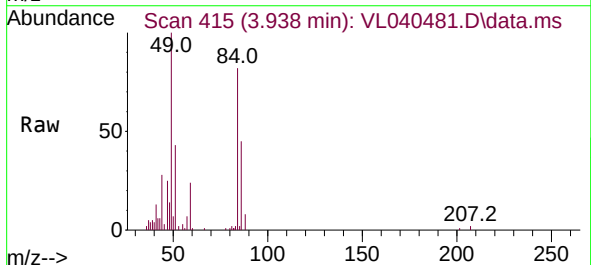
Ion Ratio Lower Upper

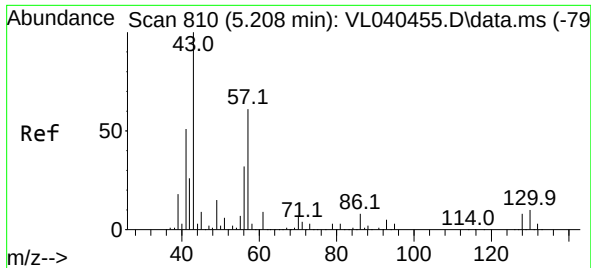
84 100

49 119.4 126.2 189.2#

51 49.1 38.7 58.1

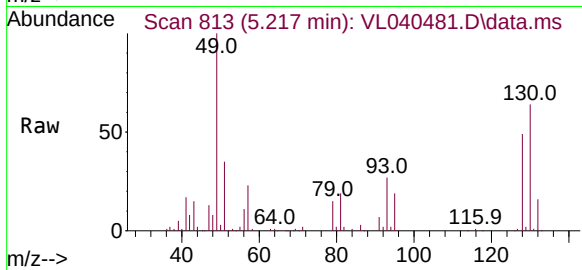
86 54.9 50.6 75.8





#26
Hexane
Concen: 0.555 ppbv
RT: 5.217 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

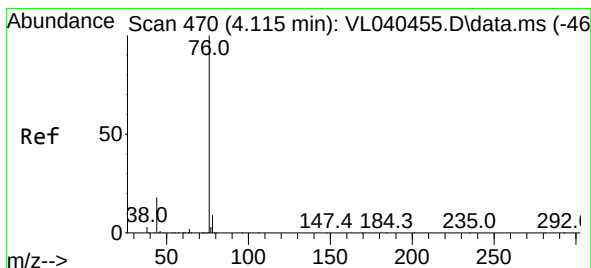
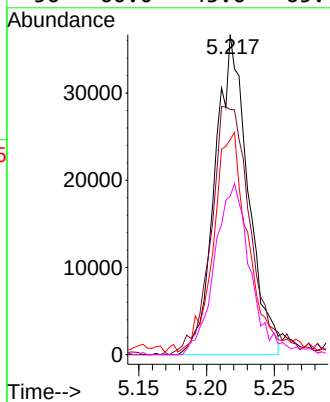
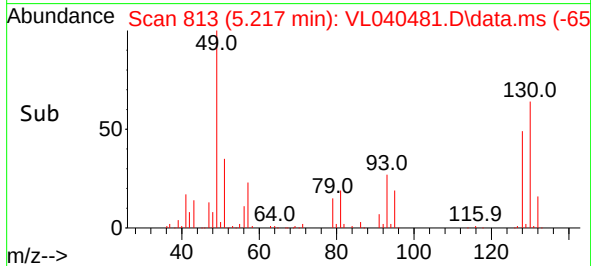
Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL



Tgt Ion: 57 Resp: 6210
Ion Ratio Lower Upper
57 100
41 94.0 73.0 109.6
43 74.1 177.5 266.3
56 60.0 43.6 65.4

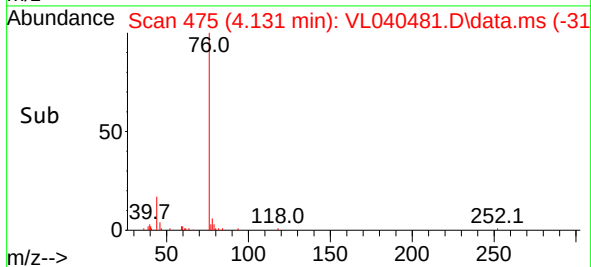
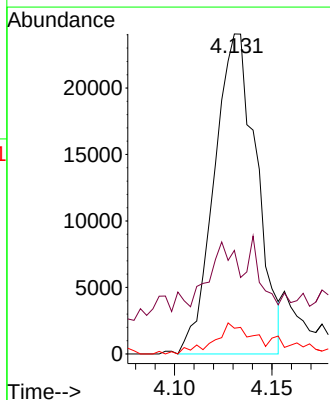
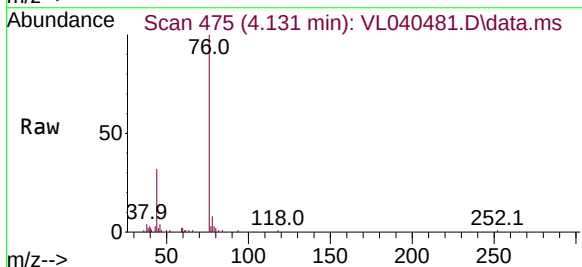
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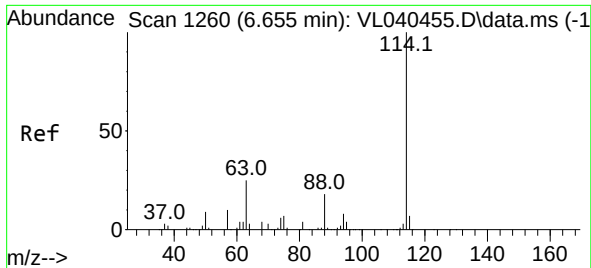
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#27
Carbon Disulfide
Concen: 0.259 ppbv
RT: 4.131 min Scan# 475
Delta R.T. 0.016 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

Tgt Ion: 76 Resp: 36332
Ion Ratio Lower Upper
76 100
44 28.4 14.6 22.0#
78 14.1 7.6 11.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040481.D

Acq: 16 Jun 2023 00:25

Instrument :

MSVOA_L

ClientSampleId :

SVP-01DL

Tgt Ion:114 Resp: 282732

Ion Ratio Lower Upper

114 100

63 24.8 21.0 31.6

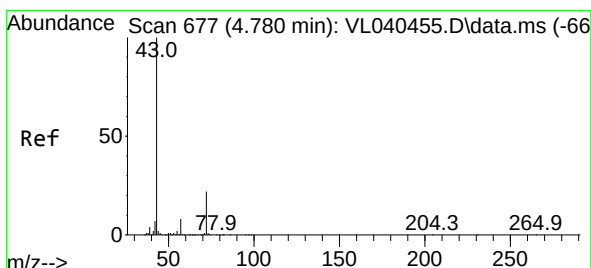
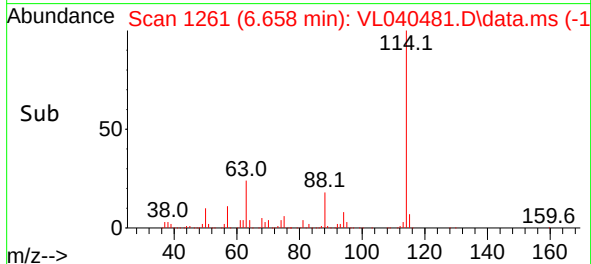
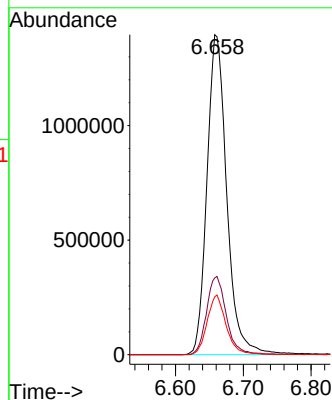
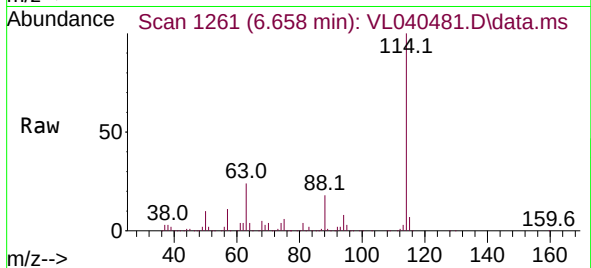
88 18.1 14.5 21.7

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Reviewed By :Semsettin Yesilyurt 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#34

2-Butanone

Concen: 2.608 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.022 min

Lab File: VL040481.D

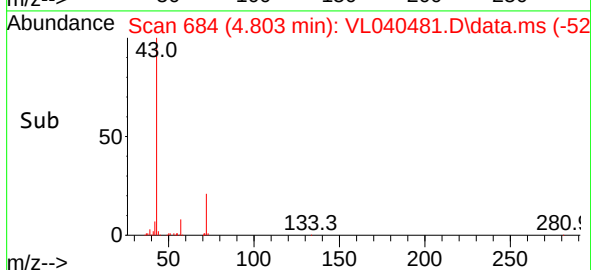
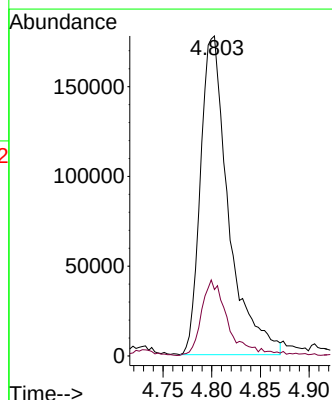
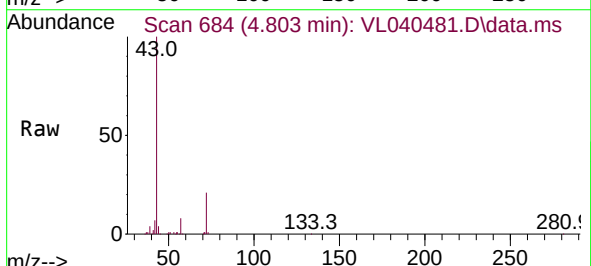
Acq: 16 Jun 2023 00:25

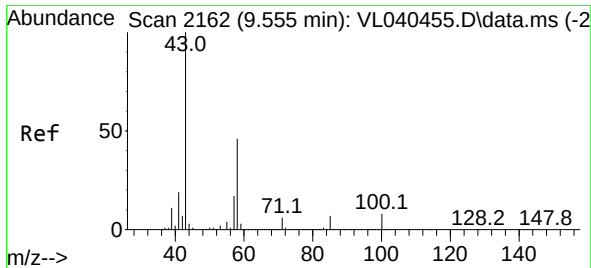
Tgt Ion: 43 Resp: 355518

Ion Ratio Lower Upper

43 100

72 23.5 18.1 27.1





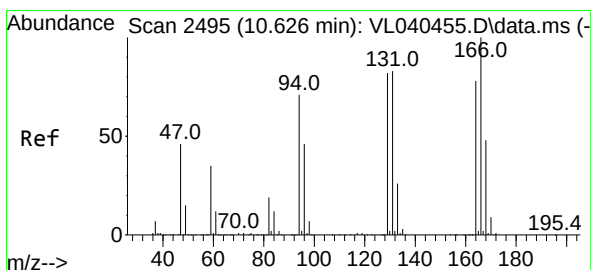
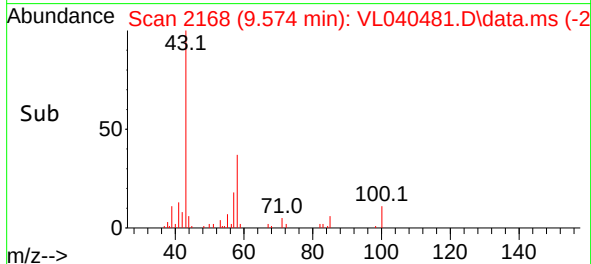
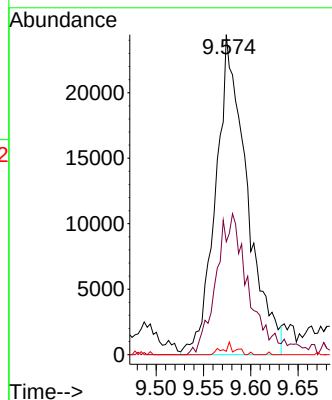
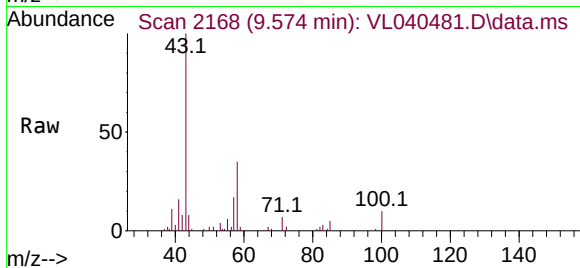
#51
2-Hexanone
Concen: 0.442 ppbv m
RT: 9.574 min Scan# 2162
Delta R.T. 0.019 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Tgt Ion: 43 Resp: 5599
Ion Ratio Lower Upper
43 100
58 47.0 37.1 55.7
98 1.5 0.5 0.7

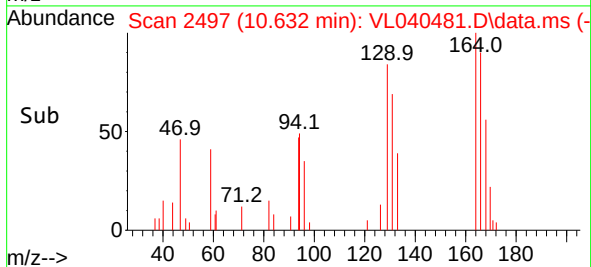
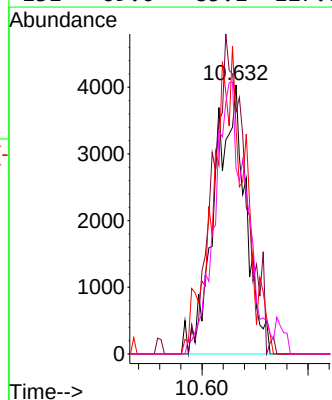
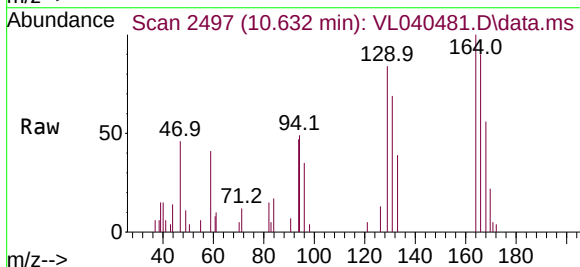
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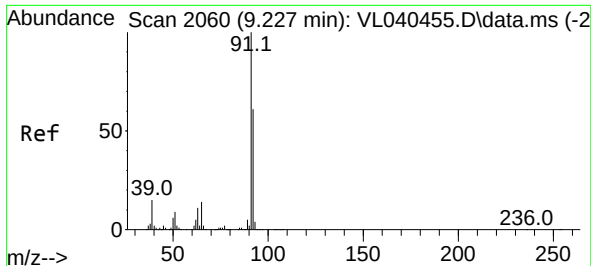
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
Tetrachloroethene
Concen: 0.116 ppbv m
RT: 10.632 min Scan# 2497
Delta R.T. 0.006 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

Tgt Ion:164 Resp: 8220
Ion Ratio Lower Upper
164 100
166 90.1 102.7 154.1#
129 84.1 84.6 126.8#
131 69.0 85.1 127.7#





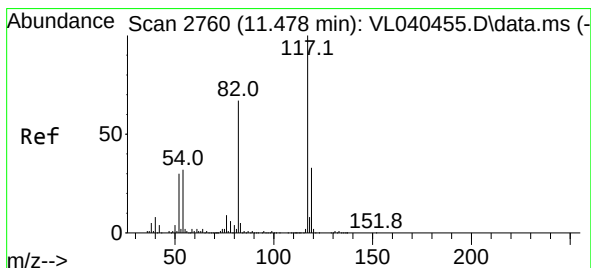
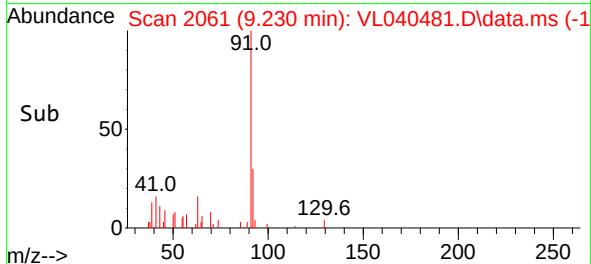
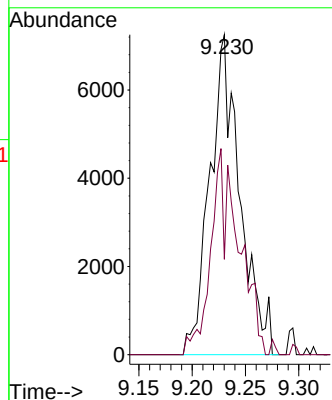
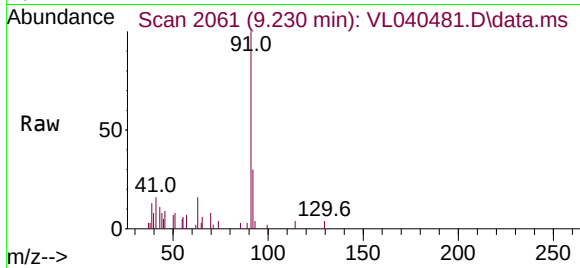
#53
Toluene
Concen: 0.060 ppbv m
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

Instrument :
MSVOA_L
ClientSampleId :
SVP-01DL

Tgt Ion: 91 Resp: 1425
Ion Ratio Lower Upper
91 100
92 60.4 49.1 73.7

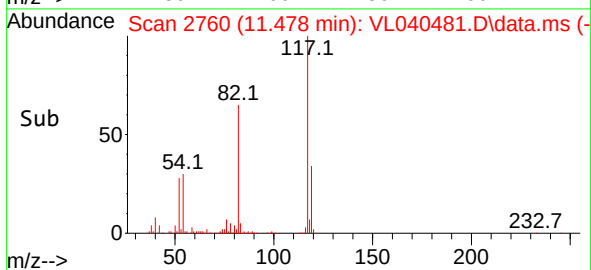
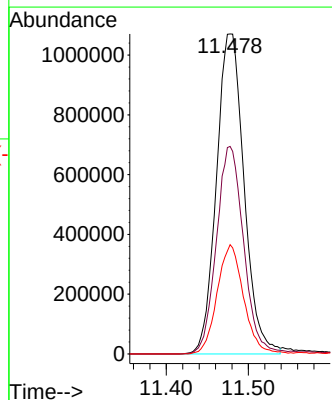
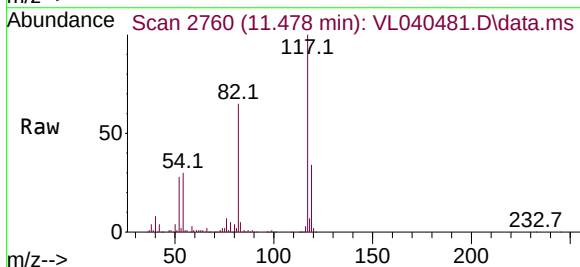
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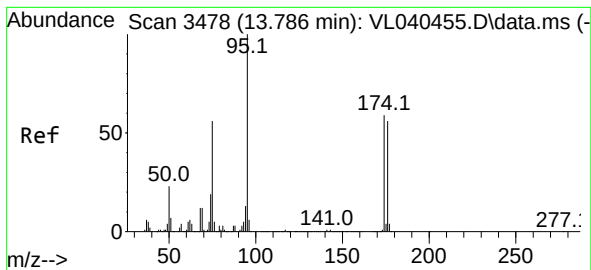
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040481.D
Acq: 16 Jun 2023 00:25

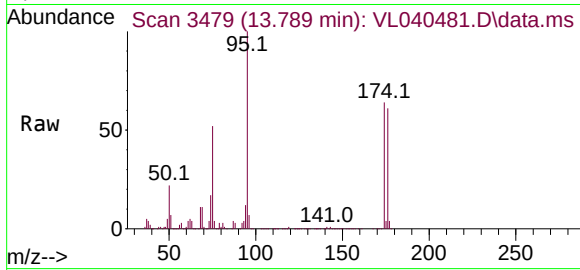
Tgt Ion:117 Resp: 2506399
Ion Ratio Lower Upper
117 100
82 64.6 53.0 79.4
119 33.3 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.491 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040481.D
 Acq: 16 Jun 2023 00:25

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-01DL



Tgt Ion: 95 Resp: 196326
 Ion Ratio Lower Upper
 95 100
 174 66.8 47.7 71.5
 175 4.6 3.5 5.3

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

