

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040479.D
 Acq On : 15 Jun 2023 23:03
 Operator : SY/MD
 Sample : 03250-05DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-06DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 05:42:26 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	1108619	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.661	114	2889993	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2588422	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	2053664	9.613	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	25402	0.454	ppbv	93
13) Ethanol	3.250	45	18430m	1.589	ppbv	
15) Acetone	3.478	43	296736	2.219	ppbv #	9
17) tert-Butyl alcohol	3.893	59	165452	1.505	ppbv	97
20) Methylene Chloride	3.941	84	29942	0.525	ppbv #	92
26) Hexane	5.218	57	72838	0.635	ppbv #	42
34) 2-Butanone	4.796	43	613209	4.400	ppbv	99
51) 2-Hexanone	9.574	43	59934	0.463	ppbv #	91
53) Toluene	9.230	91	16637m	0.069	ppbv	

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

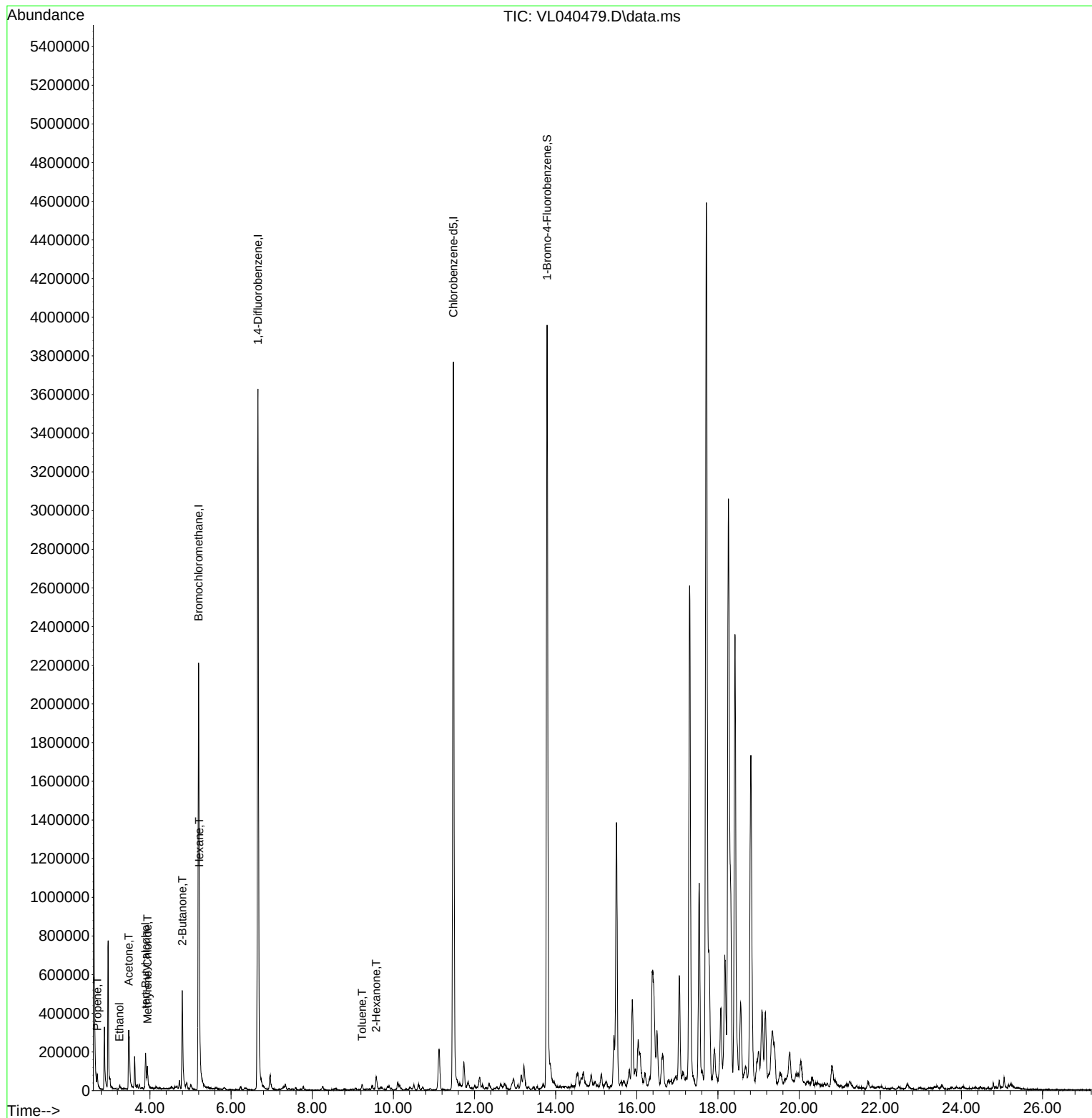
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
Data File : VL040479.D
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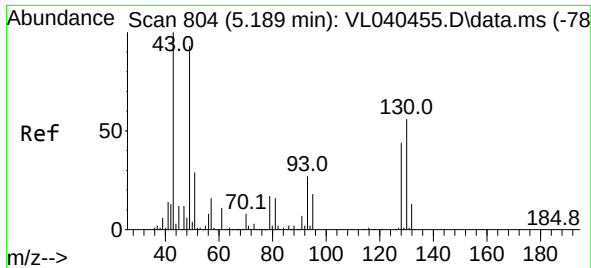
Instrument :
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Quant Time: Jun 16 05:42:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

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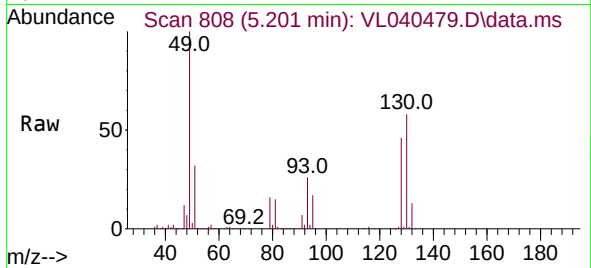
Reviewed By : Semsettin Yesilyurt 06/16/2023
Supervised By : Mahesh Dadoda 06/16/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.012 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

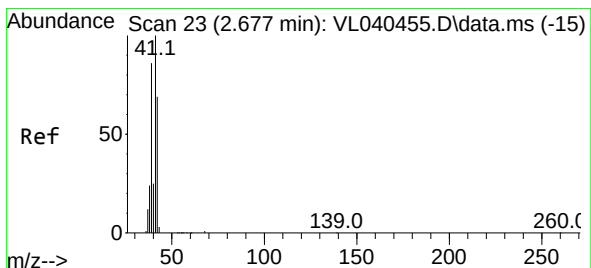
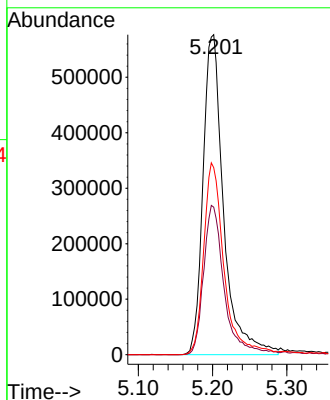
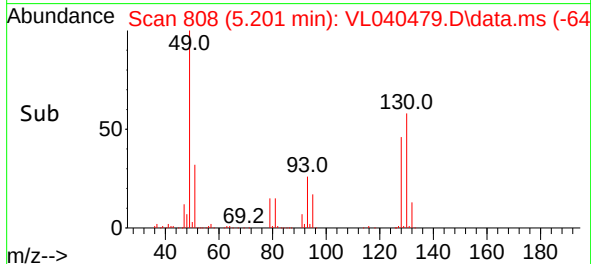
Instrument :
MSVOA_L
ClientSampleId :
SVP-06DL



Tgt Ion: 49 Resp: 1108619
Ion Ratio Lower Upper
49 100
128 47.8 24.7 74.1
130 60.6 31.4 94.2

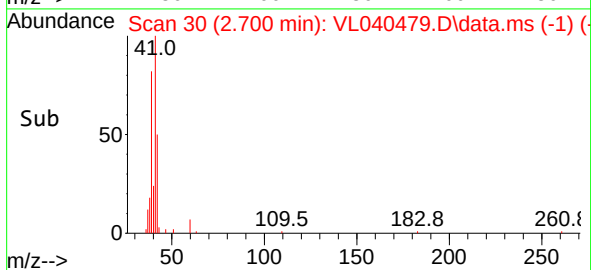
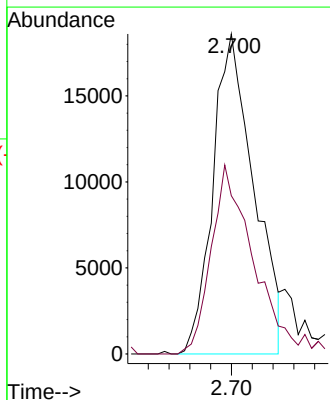
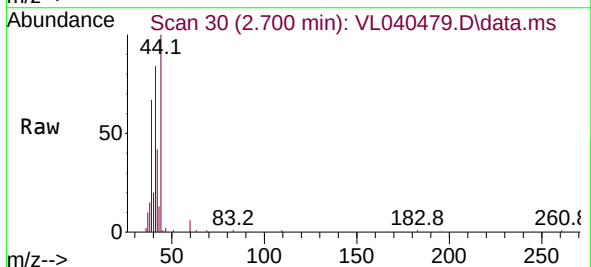
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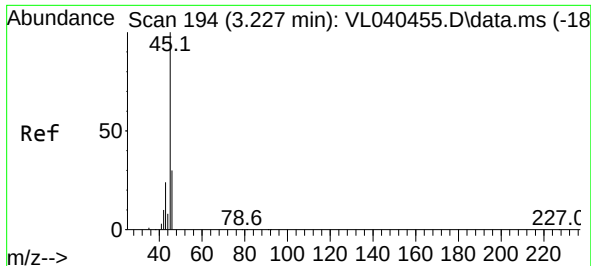
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#9
Propene
Concen: 0.454 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

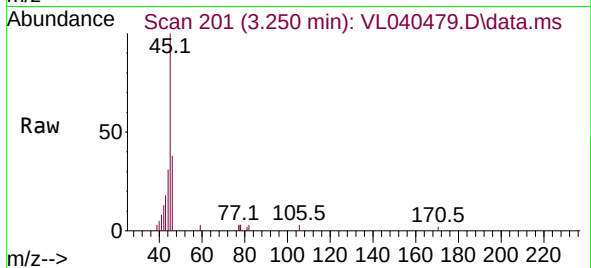
Tgt Ion: 41 Resp: 25402
Ion Ratio Lower Upper
41 100
42 64.3 56.2 84.2





#13
Ethanol
Concen: 1.589 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.023 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

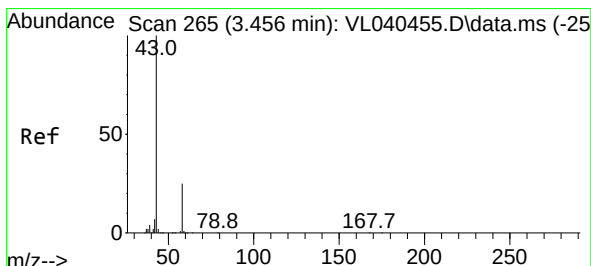
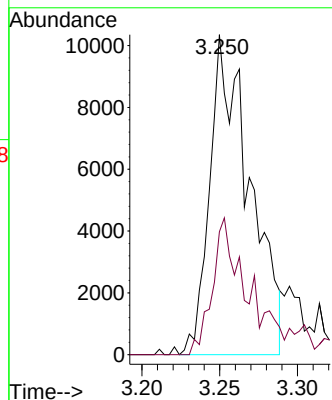
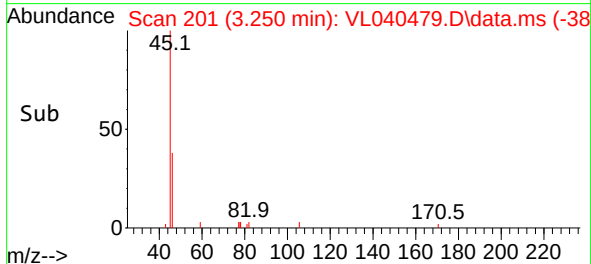
Instrument :
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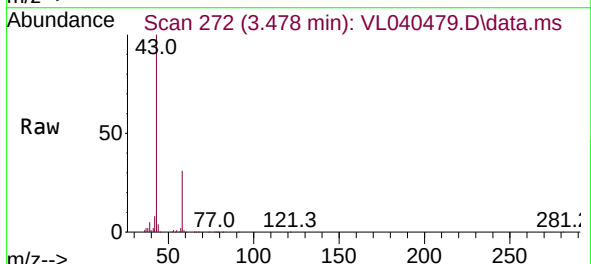
Tgt Ion: 45 Resp: 18430
Ion Ratio Lower Upper
45 100
46 42.7 14.5 58.1

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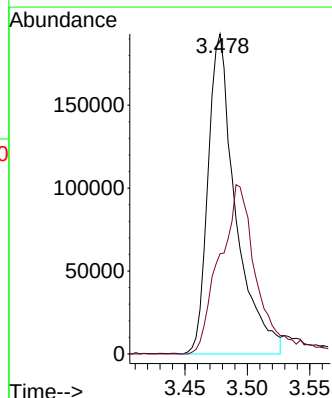
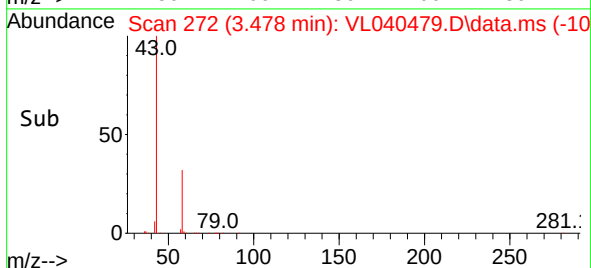
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

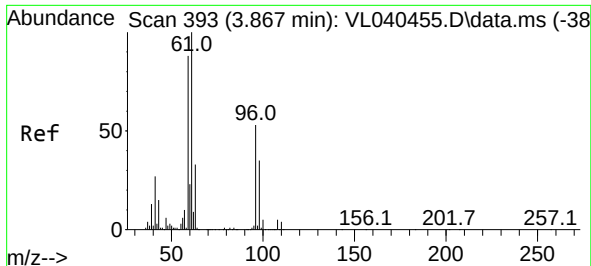


#15
Acetone
Concen: 2.219 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.023 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03



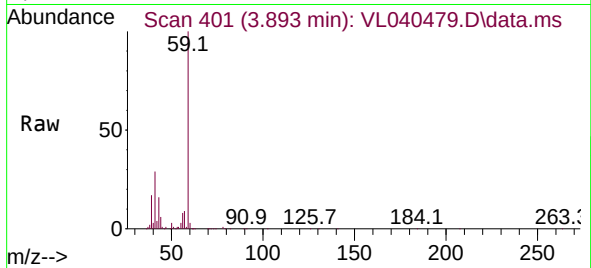
Tgt Ion: 43 Resp: 296736
Ion Ratio Lower Upper
43 100
58 74.3 21.6 32.4#





#17
tert-Butyl alcohol
Concen: 1.505 ppbv
RT: 3.893 min Scan# 401
Delta R.T. 0.026 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

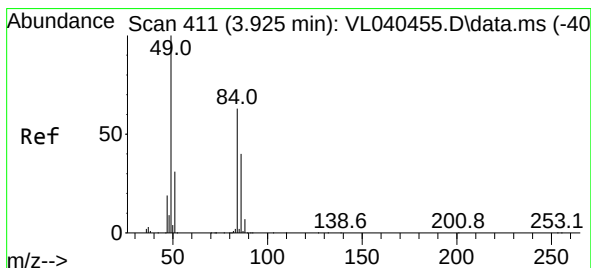
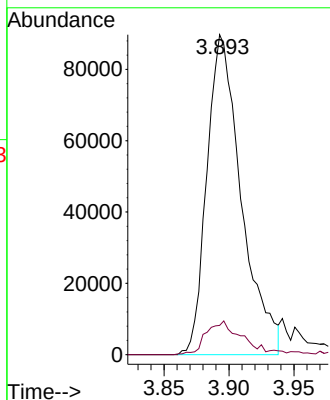
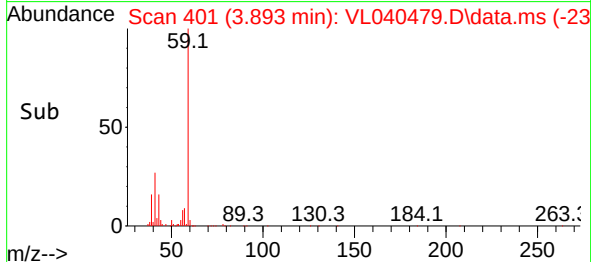
Instrument :
MSVOA_L
ClientSampleId :
SVP-06DL



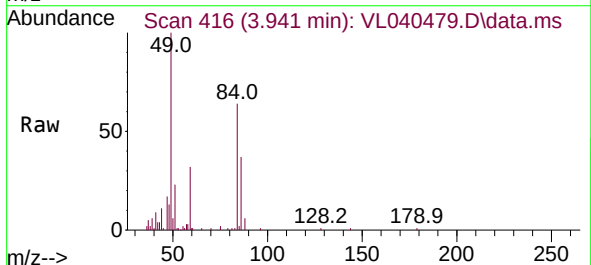
Tgt Ion: 59 Resp: 16545
Ion Ratio Lower Upper
59 100
57 12.1 8.8 13.2

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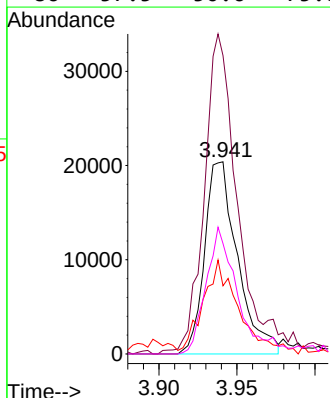
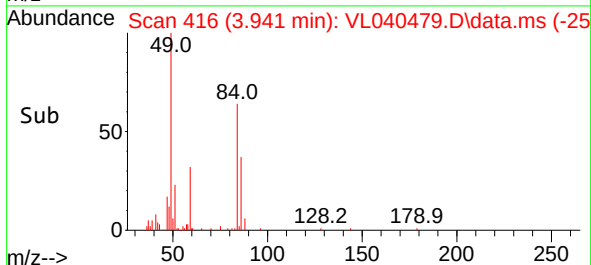
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

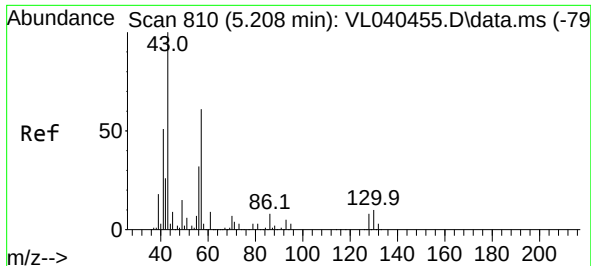


#20
Methylene Chloride
Concen: 0.525 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.016 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03



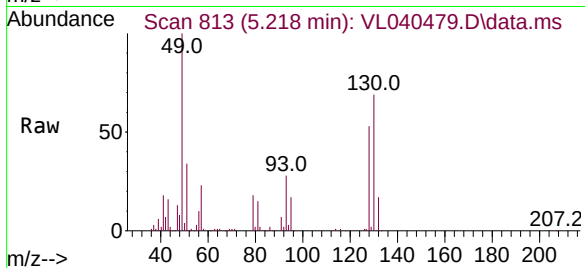
Tgt Ion: 84 Resp: 29942
Ion Ratio Lower Upper
84 100
49 152.8 126.2 189.2
51 33.7 38.7 58.1#
86 57.5 50.6 75.8





#26
Hexane
Concen: 0.635 ppbv
RT: 5.218 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

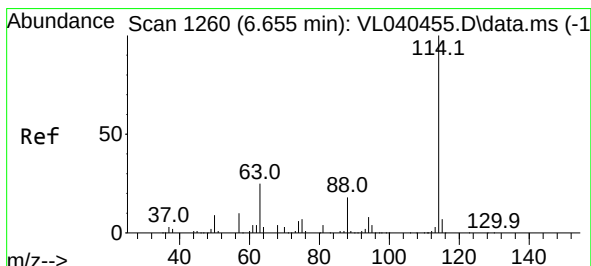
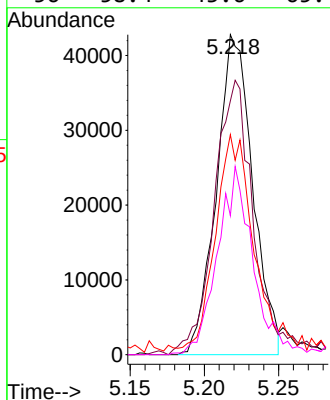
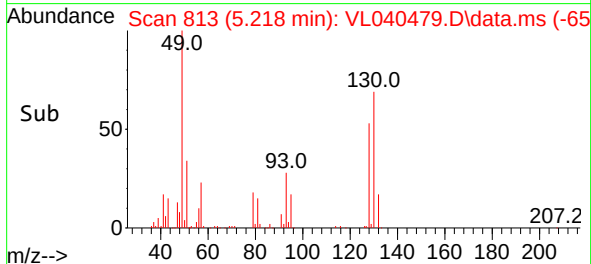
Instrument :
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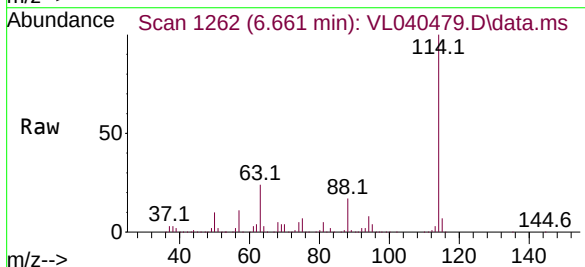
Tgt Ion: 57 Resp: 72838
Ion Ratio Lower Upper
57 100
41 97.7 73.0 109.6
43 71.8 177.5 266.3
56 58.4 43.6 65.4

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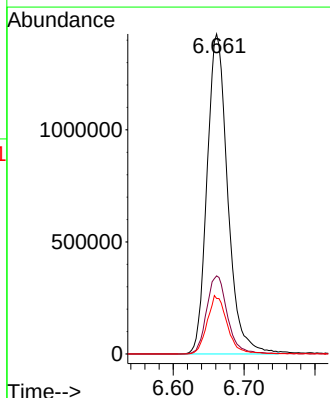
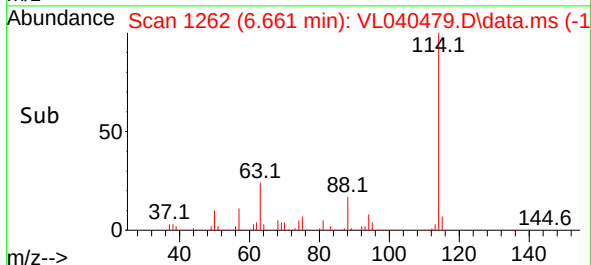
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

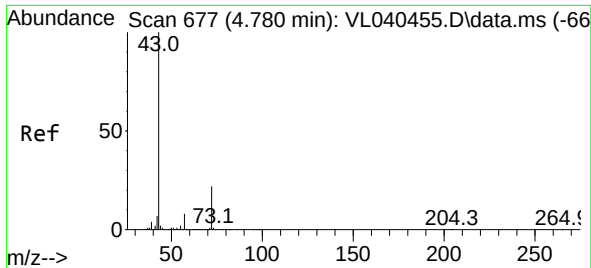


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03



Tgt Ion:114 Resp: 2889993
Ion Ratio Lower Upper
114 100
63 24.7 21.0 31.6
88 17.8 14.5 21.7





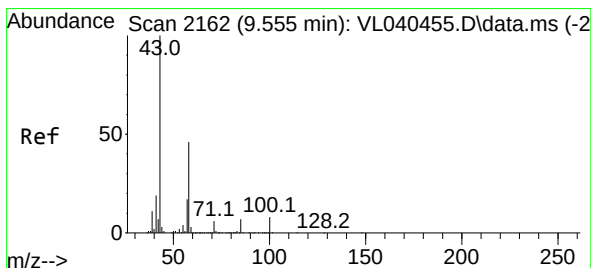
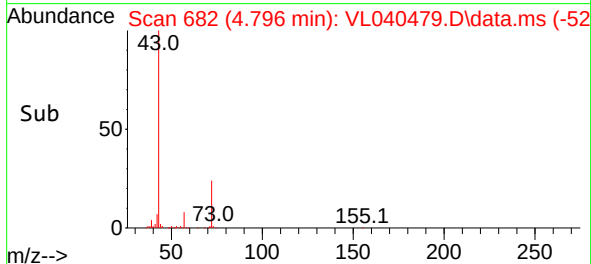
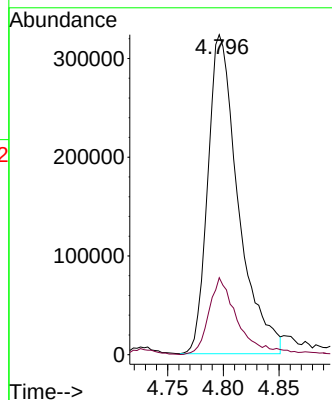
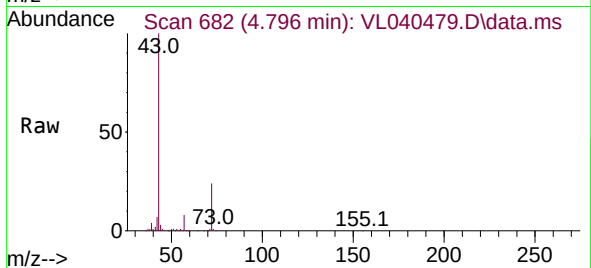
#34
2-Butanone
Concen: 4.400 ppbv
RT: 4.796 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

Instrument :
MSVOA_L
ClientSampleId :
SVP-06DL

Tgt Ion: 43 Resp: 613209
Ion Ratio Lower Upper
43 100
72 22.9 18.1 27.1

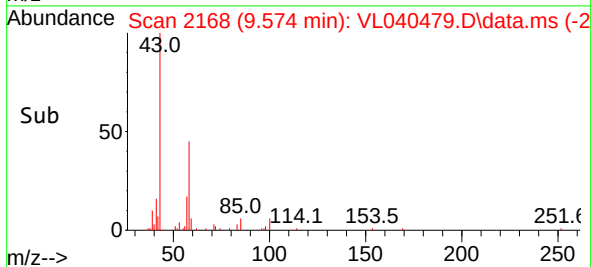
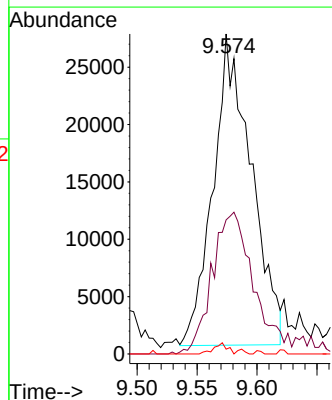
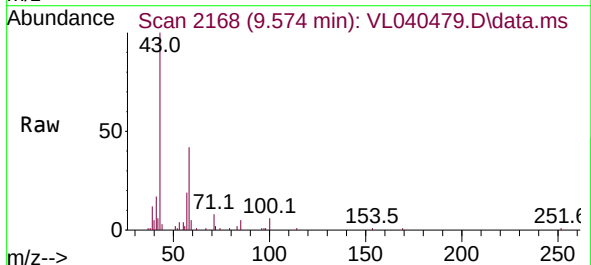
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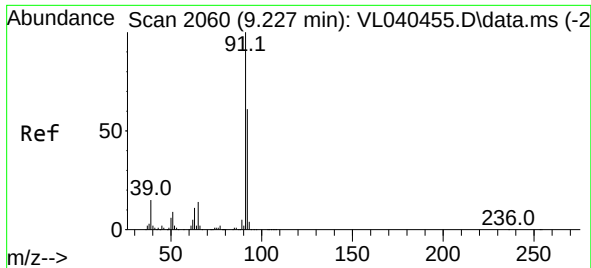
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#51
2-Hexanone
Concen: 0.463 ppbv
RT: 9.574 min Scan# 2168
Delta R.T. 0.019 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

Tgt Ion: 43 Resp: 59934
Ion Ratio Lower Upper
43 100
58 52.6 37.1 55.7
98 1.5 0.5 0.7#





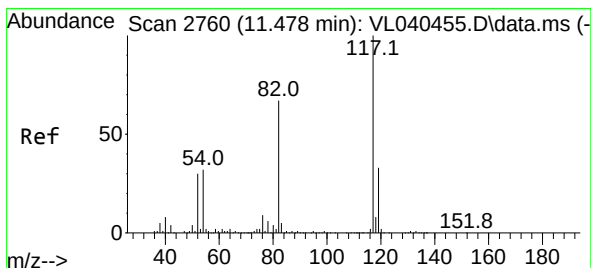
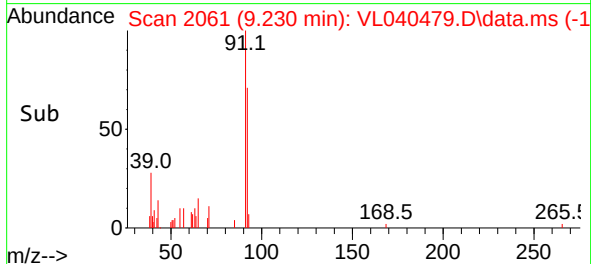
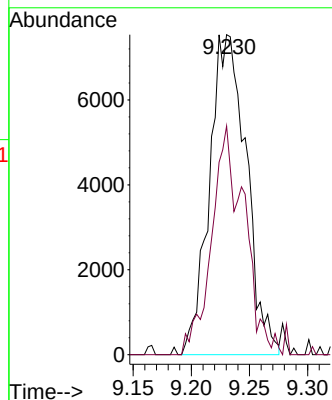
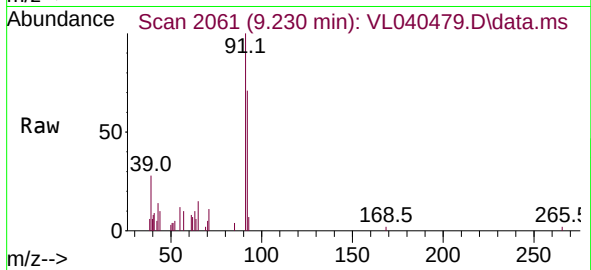
#53
Toluene
Concen: 0.069 ppbv m
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

Instrument :
MSVOA_L
ClientSampleId :
SVP-06DL

Tgt Ion: 91 Resp: 1663
Ion Ratio Lower Upper
91 100
92 64.2 49.1 73.7

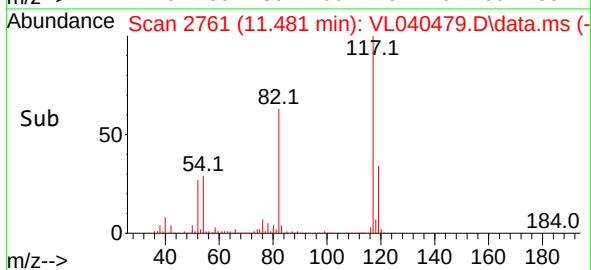
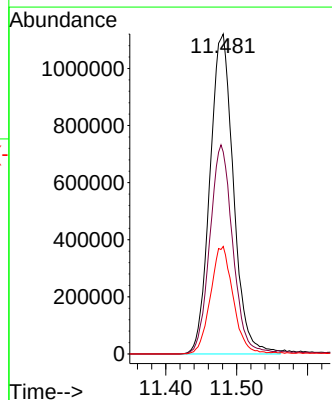
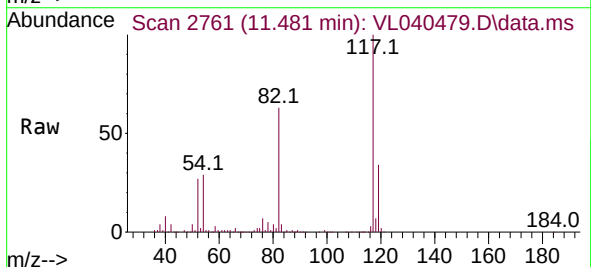
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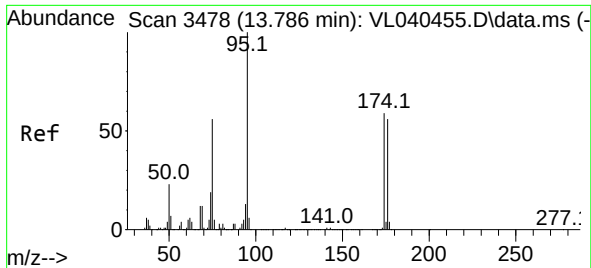
Reviewed By :Semsettin Yesilyurt 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.003 min
Lab File: VL040479.D
Acq: 15 Jun 2023 23:03

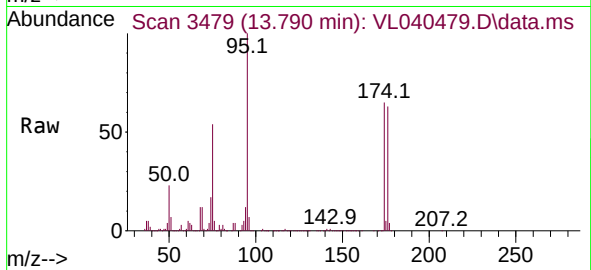
Tgt Ion:117 Resp: 2588422
Ion Ratio Lower Upper
117 100
82 64.7 53.0 79.4
119 32.7 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.613 ppbv
 RT: 13.790 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040479.D
 Acq: 15 Jun 2023 23:03

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-06DL



Tgt Ion: 95 Resp: 2053664
 Ion Ratio Lower Upper
 95 100
 174 65.3 47.7 71.5
 175 4.8 3.5 5.3

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