

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060122\
 Data File : VL039152.D
 Acq On : 1 Jun 2022 17:49
 Operator : SY/AP
 Sample : N3106-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 02 00:40:46 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1287716	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	3697662	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3273116	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2629470	9.717	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
10) Heptane	8.131	43	83970	0.504	ppbv	93
13) Ethanol	3.636	45	23426m	6.013	ppbv	
15) Acetone	3.877	43	173497	1.293	ppbv #	87
19) Isopropyl Alcohol	3.996	45	31757m	0.505	ppbv	
20) Methylene Chloride	4.353	84	139680	2.471	ppbv	95
23) Vinyl Acetate	5.089	43	479842	4.324	ppbv	98
26) Hexane	5.697	57	695751	5.237	ppbv #	25
28) Methyl tert-Butyl Ether	5.060	73	21549m	0.147	ppbv	
34) 2-Butanone	5.266	43	181398	0.903	ppbv #	88
51) 2-Hexanone	10.159	43	97209m	0.415	ppbv	
52) Tetrachloroethene	11.230	164	13709m	0.117	ppbv	

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

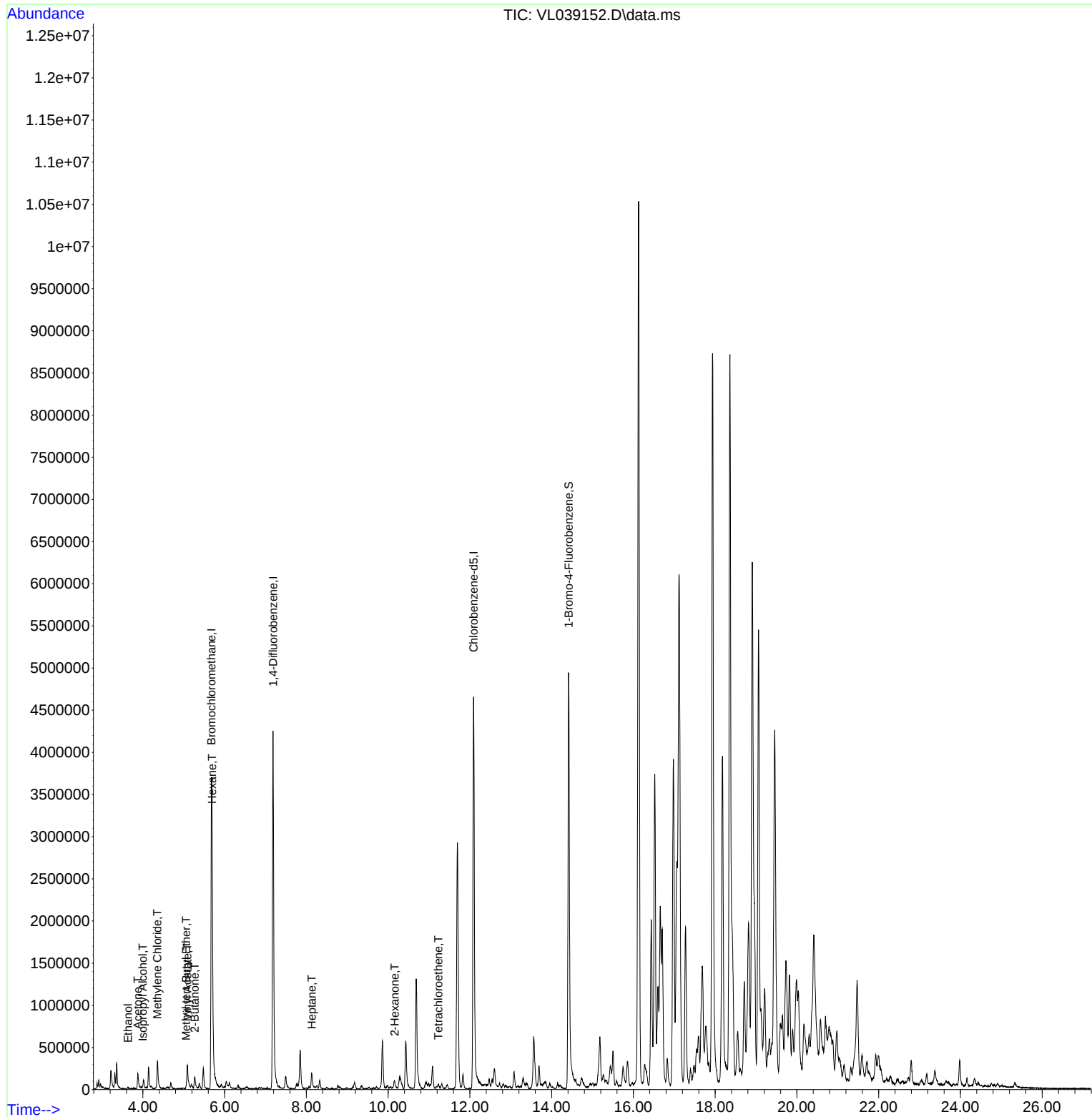
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060122\
Data File : VL039152.D
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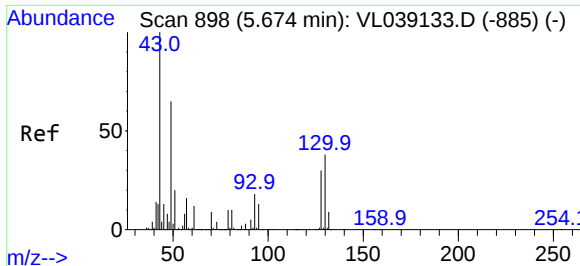
Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Jun 02 00:40:46 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

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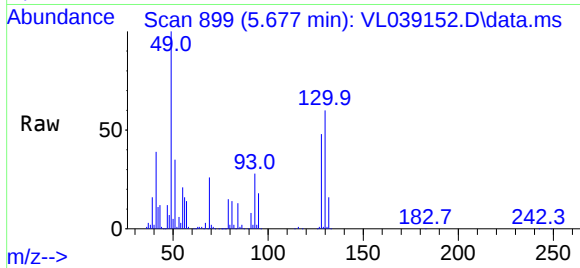
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

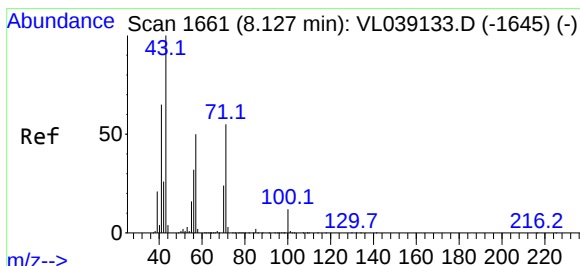
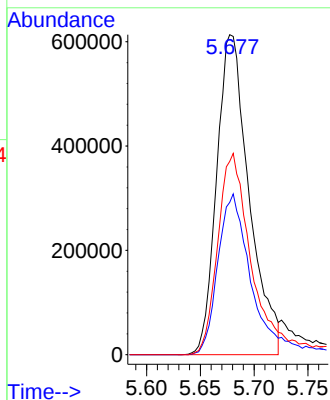
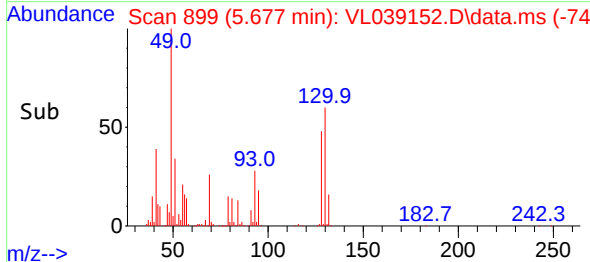
Instrument :
MSVOA_L
ClientSampleId :
SV2



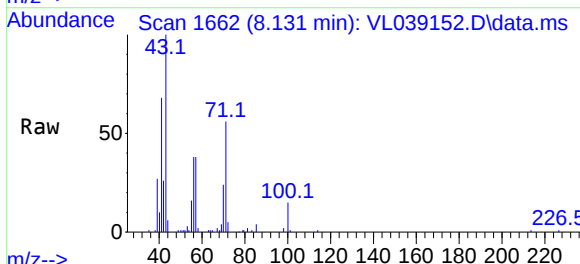
Tgt Ion: 49 Resp: 1287710
Ion Ratio Lower Upper
49 100
128 55.2 24.7 74.1
130 69.0 31.4 94.0

Manual Integrations
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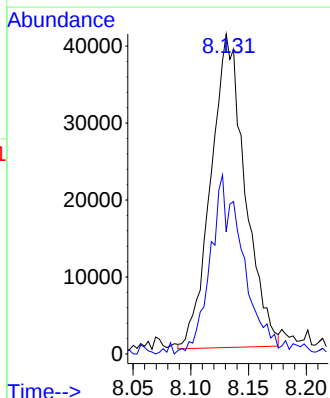
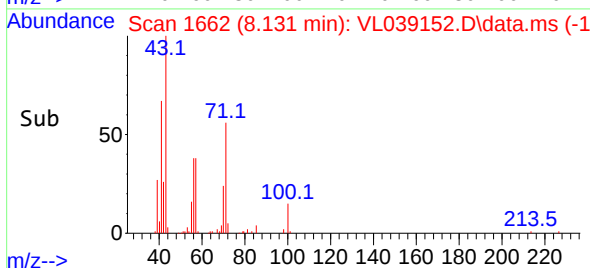
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Supervised By :Mahesh Dadoda 06/06/2022

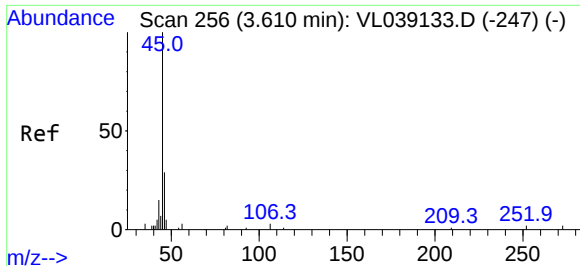


#10
Heptane
Concen: 0.504 ppbv
RT: 8.131 min Scan# 1662
Delta R.T. 0.003 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49



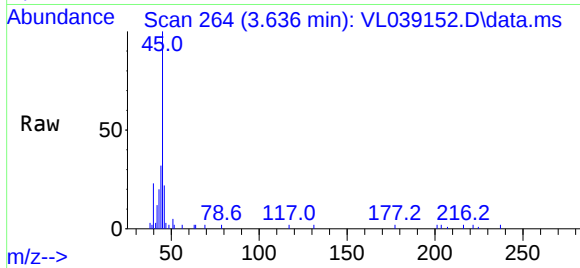
Tgt Ion: 43 Resp: 83970
Ion Ratio Lower Upper
43 100
57 56.7 41.4 62.2





#13
Ethanol
Concen: 6.013 ppbv m
RT: 3.636 min Scan# 2
Delta R.T. 0.026 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

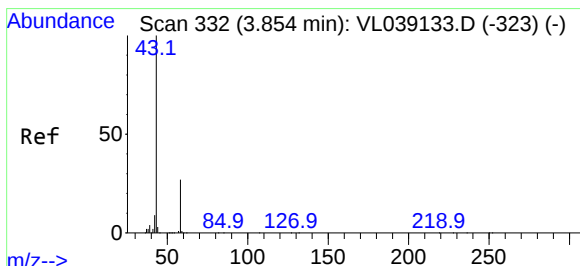
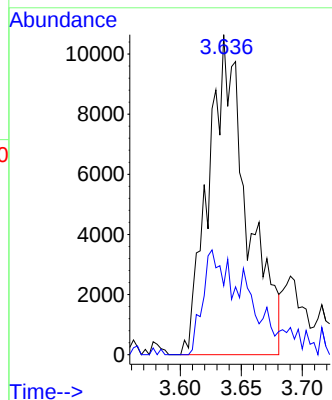
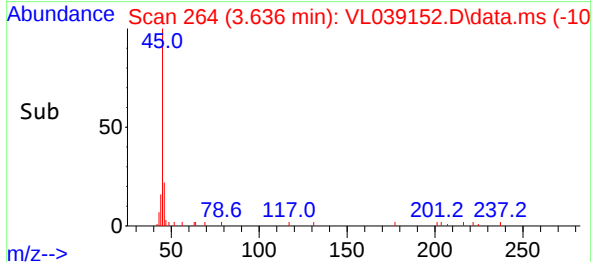
Instrument :
MSVOA_L
ClientSampleId :
SV2



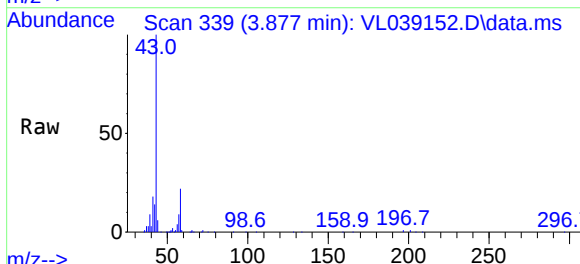
Tgt Ion: 45 Resp: 23420
Ion Ratio Lower Upper
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46 41.3 0.0 0.0

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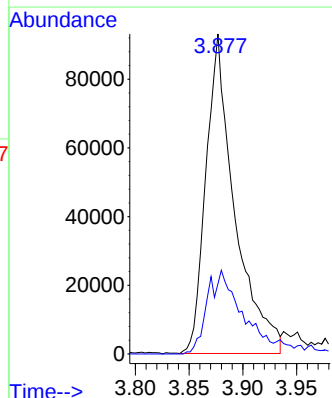
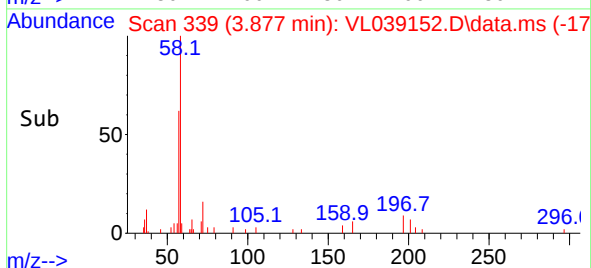
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

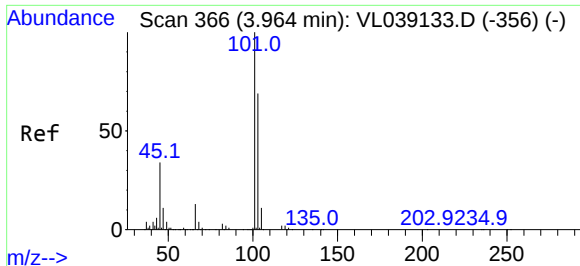


#15
Acetone
Concen: 1.293 ppbv
RT: 3.877 min Scan# 339
Delta R.T. 0.022 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49



Tgt Ion: 43 Resp: 173497
Ion Ratio Lower Upper
43 100
58 35.0 22.5 33.7





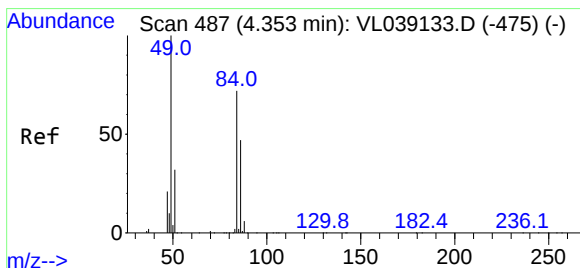
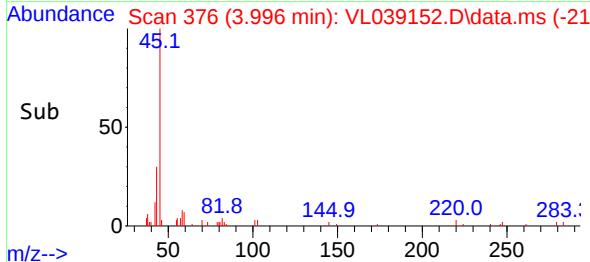
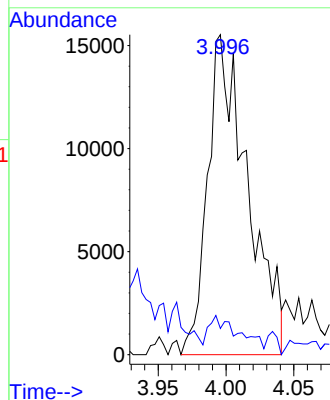
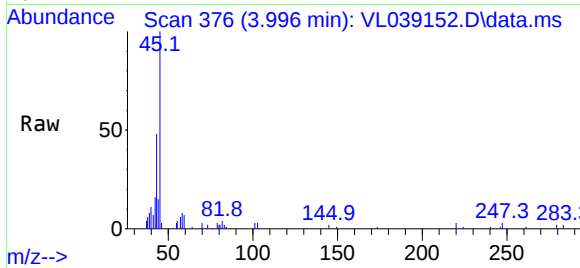
#19
Isopropyl Alcohol
Concen: 0.505 ppbv m
RT: 3.996 min Scan# 3175
Delta R.T. 0.032 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

Instrument :
MSVOA_L
ClientSampleId :
SV2

Tgt Ion: 45 Resp: 3175
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

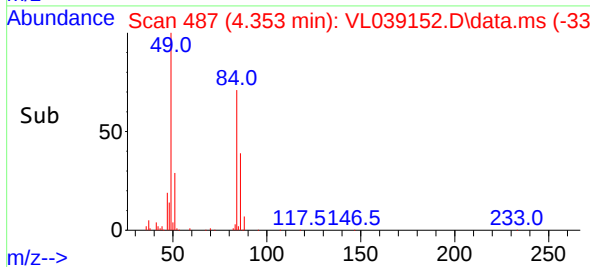
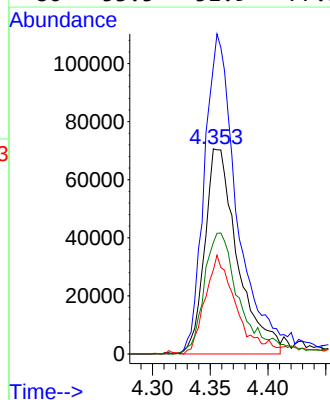
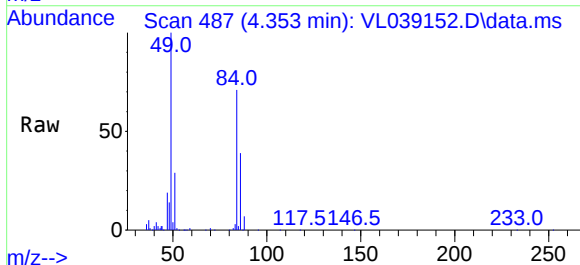
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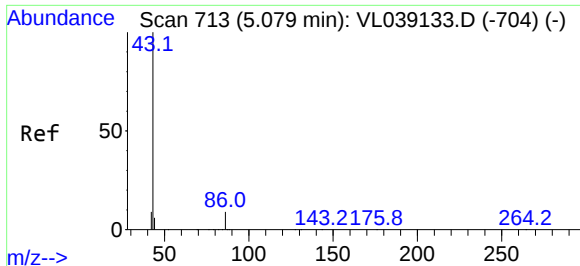
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#20
Methylene Chloride
Concen: 2.471 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.000 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

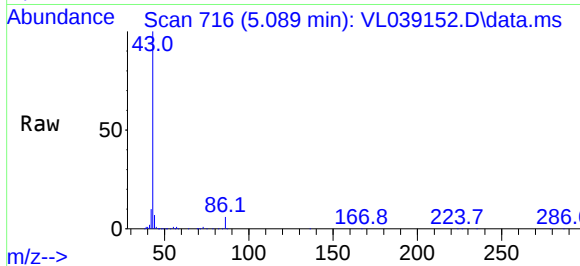
Tgt Ion: 84 Resp: 139680
Ion Ratio Lower Upper
84 100
49 139.6 111.1 166.7
51 40.2 35.3 52.9
86 53.5 51.9 77.9





#23
 Vinyl Acetate
 Concen: 4.324 ppbv
 RT: 5.089 min Scan# 713
 Delta R.T. 0.010 min
 Lab File: VL039152.D
 Acq: 1 Jun 2022 17:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

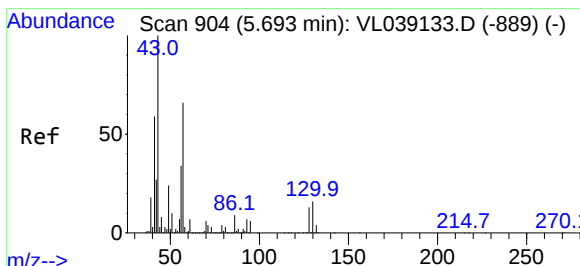
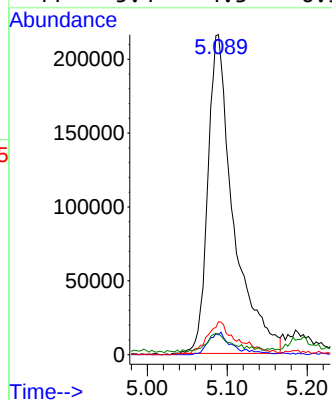
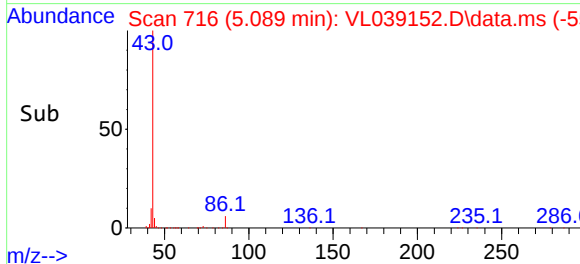


Tgt Ion: 43 Resp: 47984

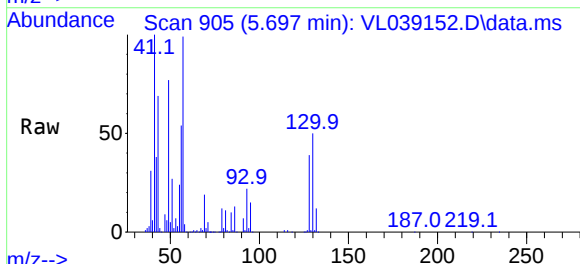
Ion	Ratio	Lower	Upper
43	100		
86	6.2	6.0	9.0
42	10.1	8.2	12.4
44	5.4	4.3	6.5

Manual Integrations
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 Supervised By :Mahesh Dadoda 06/06/2022

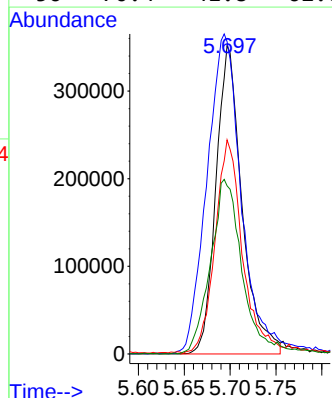
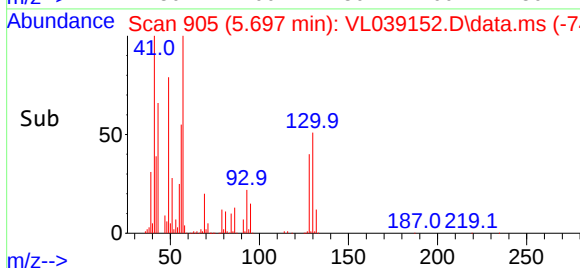


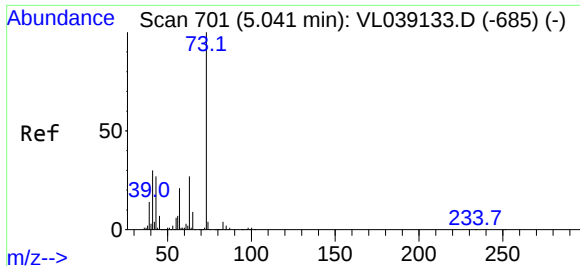
#26
 Hexane
 Concen: 5.237 ppbv
 RT: 5.697 min Scan# 905
 Delta R.T. 0.003 min
 Lab File: VL039152.D
 Acq: 1 Jun 2022 17:49



Tgt Ion: 57 Resp: 695751

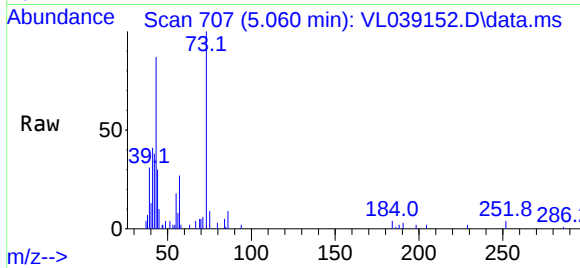
Ion	Ratio	Lower	Upper
57	100		
41	138.2	72.4	108.6#
43	74.9	187.0	280.6#
56	70.4	41.8	62.6#





#28
Methyl tert-Butyl Ether
Concen: 0.147 ppbv
RT: 5.060 min Scan# 701
Delta R.T. 0.019 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

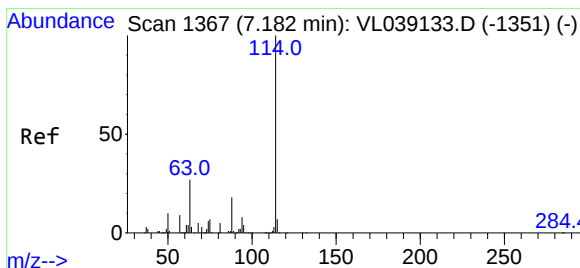
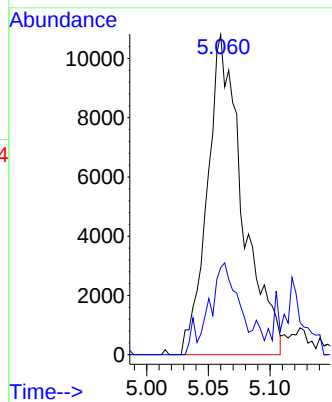
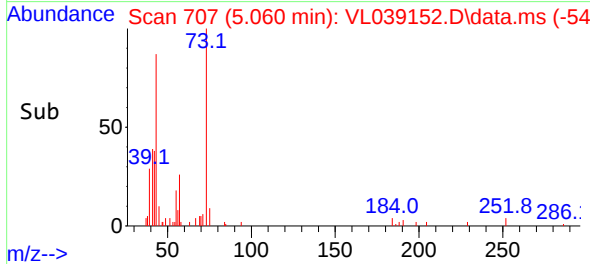
Instrument :
MSVOA_L
ClientSampleId :
SV2



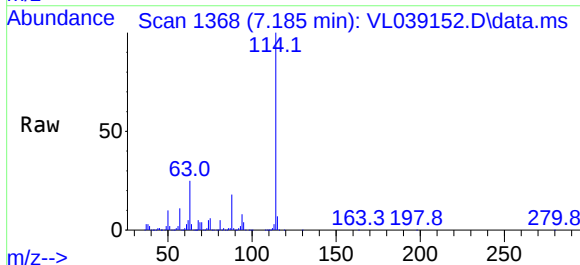
Tgt Ion: 73 Resp: 21549
Ion Ratio Lower Upper
73 100
57 27.8 18.6 27.8

Manual Integrations
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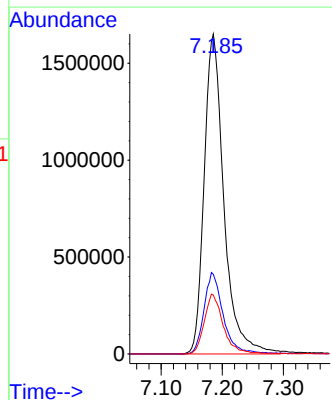
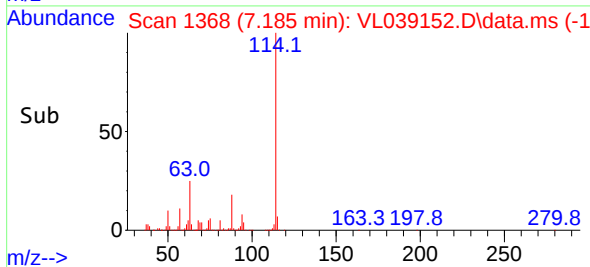
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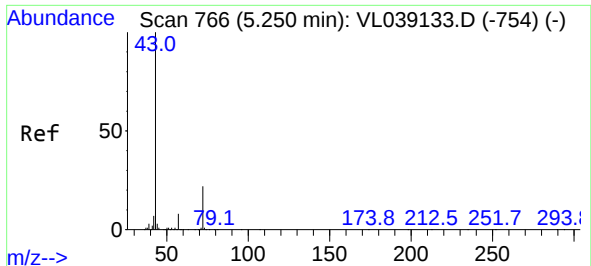


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49



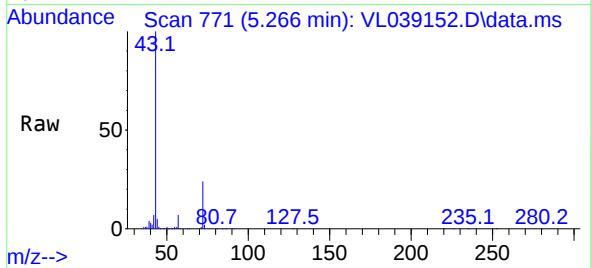
Tgt Ion:114 Resp: 3697662
Ion Ratio Lower Upper
114 100
63 25.1 21.7 32.5
88 18.2 14.8 22.2





#34
2-Butanone
Concen: 0.903 ppbv
RT: 5.266 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

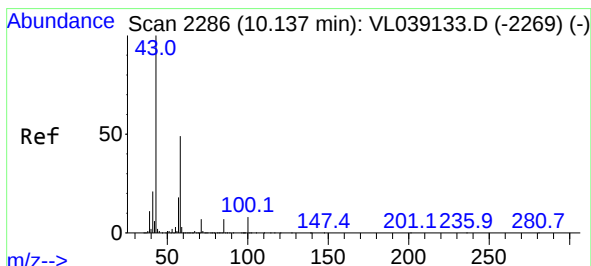
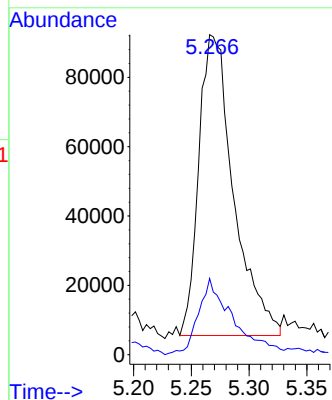
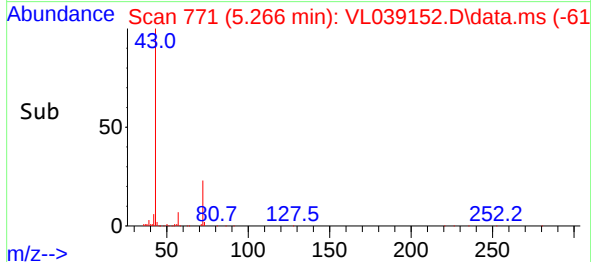
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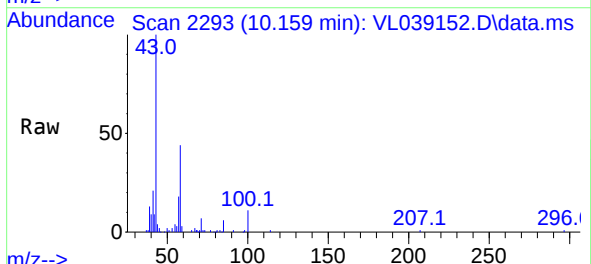
Tgt Ion: 43 Resp: 181398
Ion Ratio Lower Upper
43 100
72 28.3 18.2 27.2

Manual Integrations
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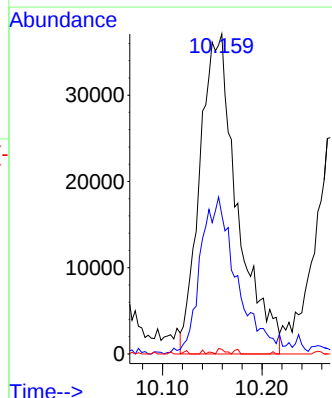
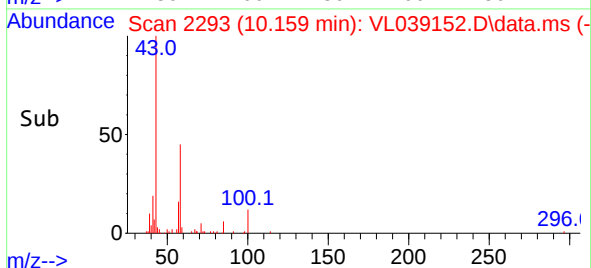
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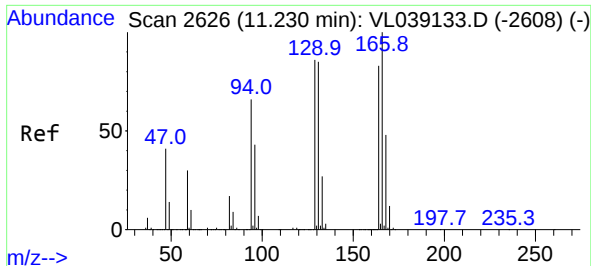


#51
2-Hexanone
Concen: 0.415 ppbv m
RT: 10.159 min Scan# 2293
Delta R.T. 0.023 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49



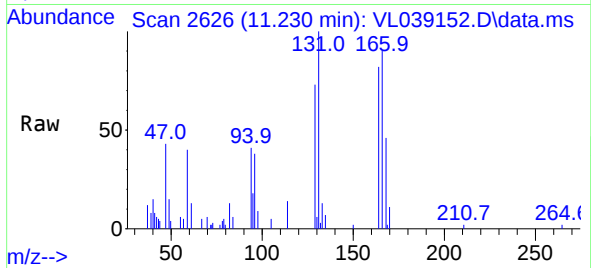
Tgt Ion: 43 Resp: 97209
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0#
98 0.3 0.1 0.1#





#52
Tetrachloroethene
Concen: 0.117 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49

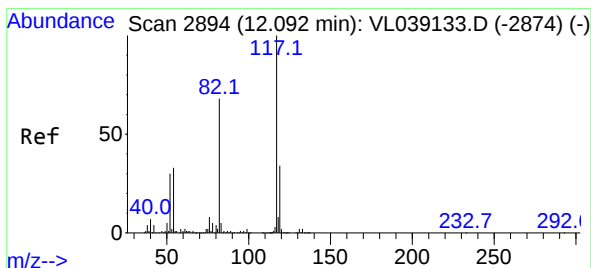
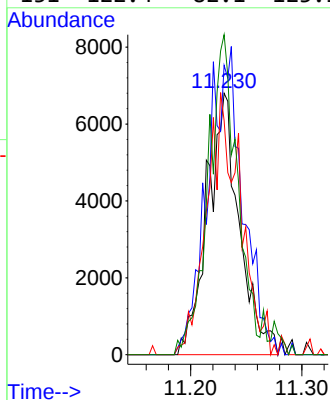
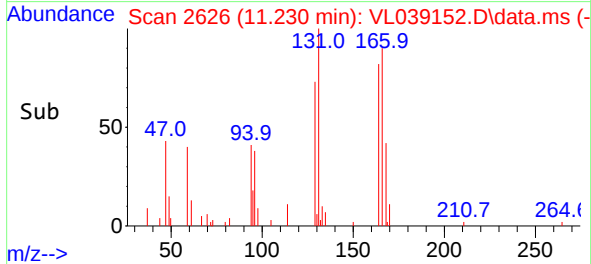
Instrument :
MSVOA_L
ClientSampleId :
SV2



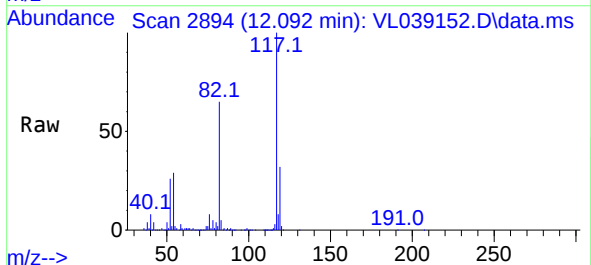
Tgt Ion:164 Resp: 13709
Ion Ratio Lower Upper
164 100
166 110.7 96.3 144.5
129 89.5 82.5 123.7
131 122.4 82.1 123.1

Manual Integrations
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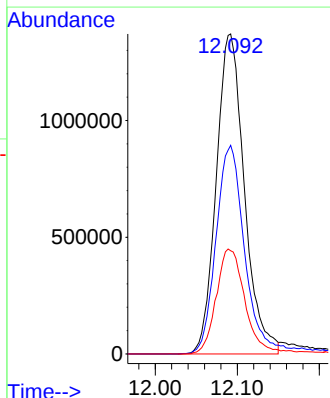
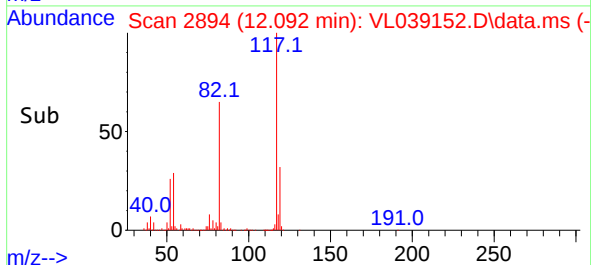
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

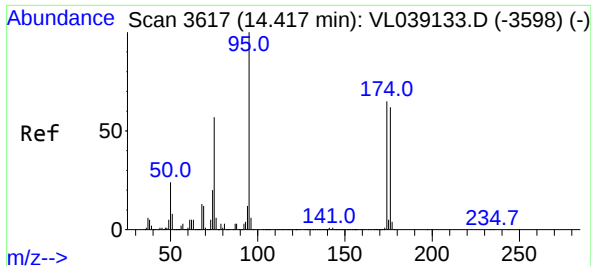


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VL039152.D
Acq: 1 Jun 2022 17:49



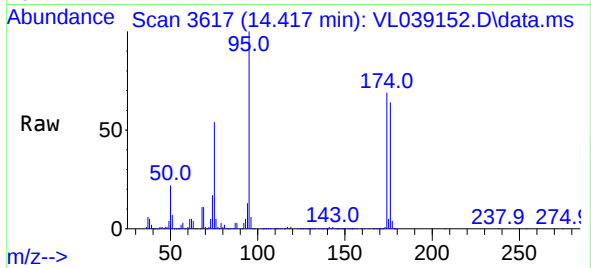
Tgt Ion:117 Resp: 3273116
Ion Ratio Lower Upper
117 100
82 69.0 55.1 82.7
119 35.1 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.717 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL039152.D
 Acq: 1 Jun 2022 17:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2



Tgt Ion: 95 Resp: 2629470

Ion	Ratio	Lower	Upper
95	100		
174	71.3	53.8	80.8
175	4.9	4.1	6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022

