

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060122\
 Data File : VL039151.D
 Acq On : 1 Jun 2022 17:09
 Operator : SY/AP
 Sample : N3106-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 00:40:29 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jun 0

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	5.671	49	1240372	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3256702	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2999023	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2566770	10.352	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%
Target Compounds						
					Qvalue	
9) Propene	3.031	41	4750513m	69.031	ppbv	
10) Heptane	8.131	43	5161300	32.150	ppbv	98
13) Ethanol	3.616	45	12933m	3.446	ppbv	
20) Methylene Chloride	4.353	84	137451	2.524	ppbv	91
26) Hexane	5.697	57	8687158	67.881	ppbv #	39
34) 2-Butanone	5.256	43	230375m	1.302	ppbv	
52) Tetrachloroethene	11.230	164	236644m	2.292	ppbv	

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

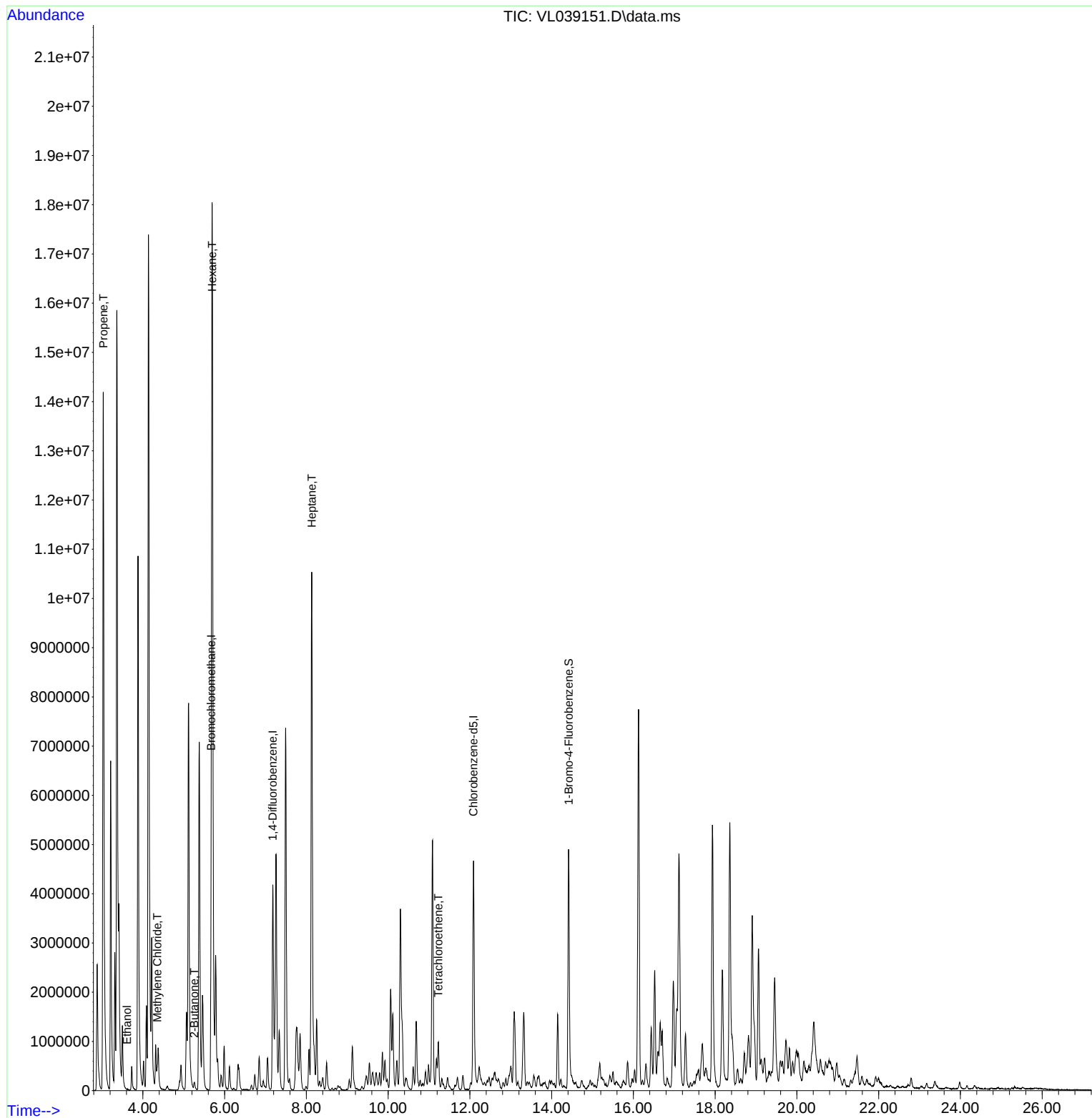
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060122\
Data File : VL039151.D
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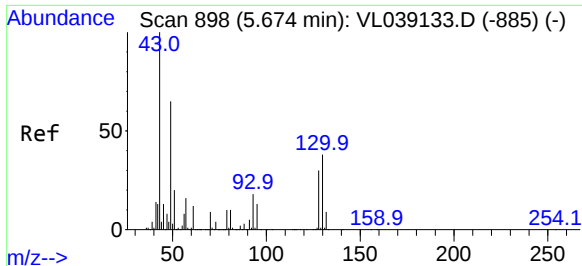
Instrument :
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Quant Time: Jun 02 00:40:29 2022
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QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

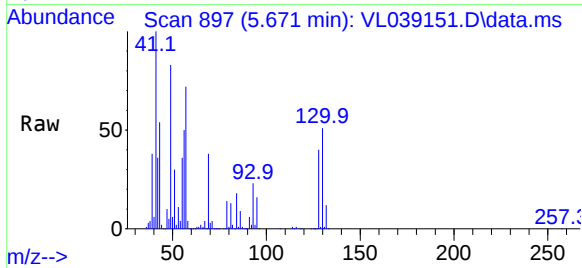
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09

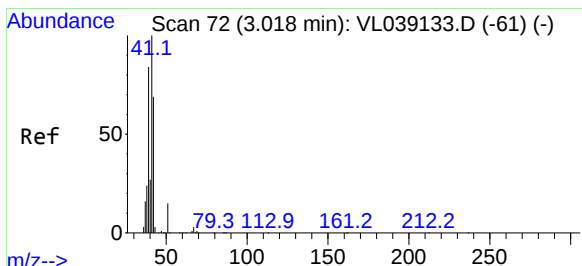
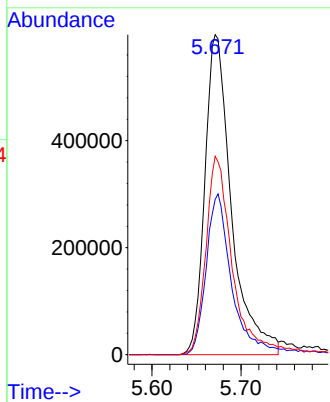
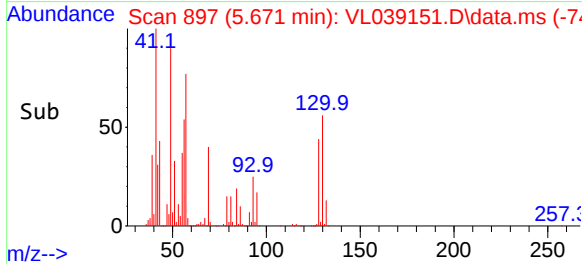
Instrument :
MSVOA_L
ClientSampleId :
SV1



Tgt Ion: 49 Resp: 1240372
Ion Ratio Lower Upper
49 100
128 50.6 24.7 74.1
130 64.2 31.4 94.0

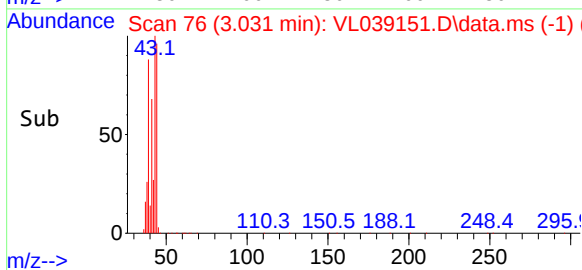
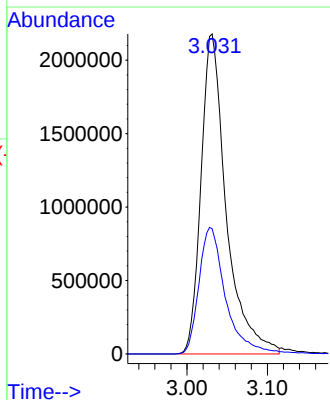
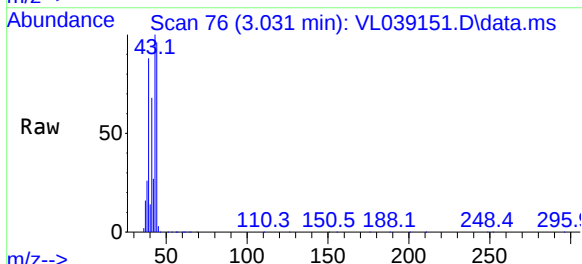
Manual Integrations
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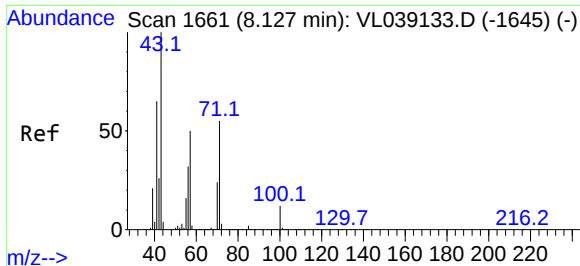
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#9
Propene
Concen: 69.031 ppbv m
RT: 3.031 min Scan# 76
Delta R.T. 0.013 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09

Tgt Ion: 41 Resp: 4750513
Ion Ratio Lower Upper
41 100
42 35.3 55.4 83.2#





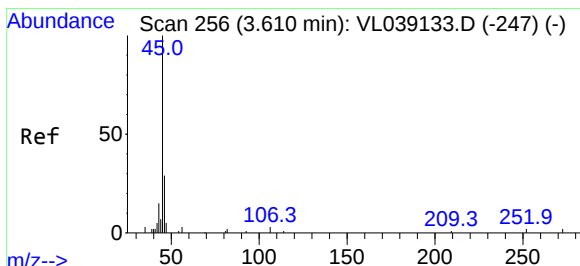
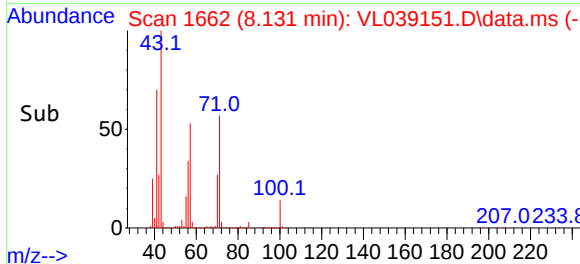
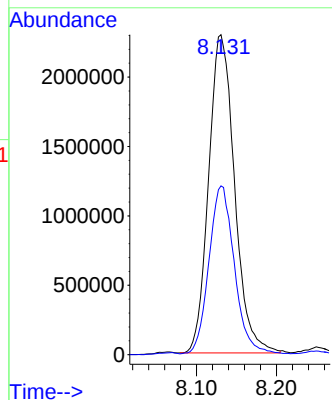
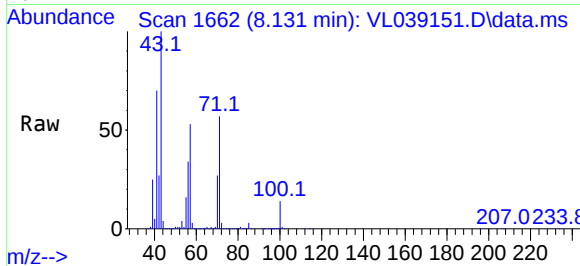
#10
Heptane
Concen: 32.150 ppbv
RT: 8.131 min Scan# 10
Delta R.T. 0.003 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tgt Ion: 43 Resp: 5161300
Ion Ratio Lower Upper
43 100
57 53.2 41.4 62.2

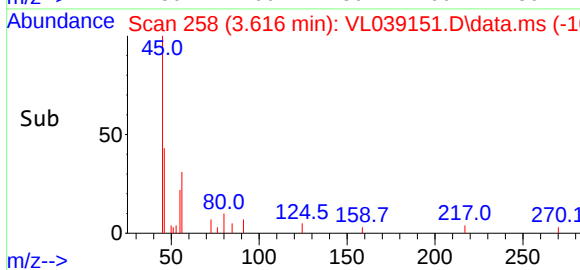
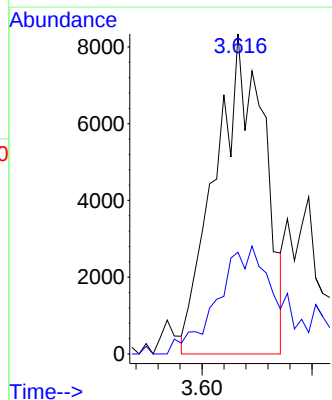
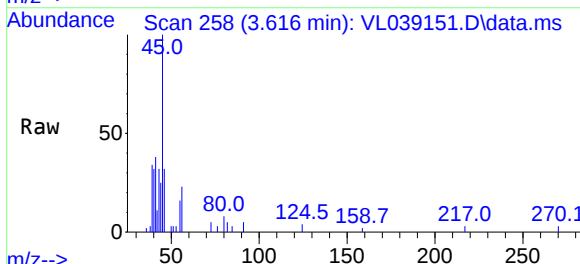
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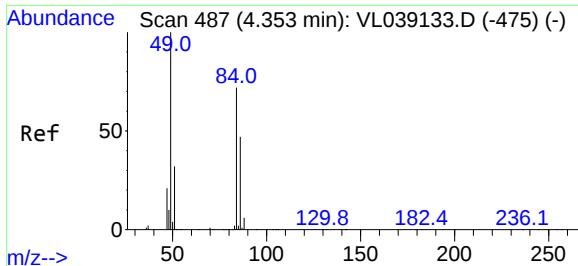
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#13
Ethanol
Concen: 3.446 ppbv m
RT: 3.616 min Scan# 258
Delta R.T. 0.006 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09

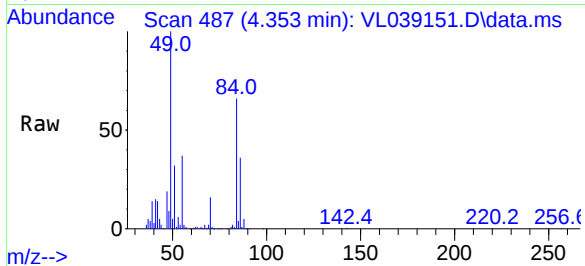
Tgt Ion: 45 Resp: 12933
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0





#20
Methylene Chloride
Concen: 2.524 ppbv
RT: 4.353 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09

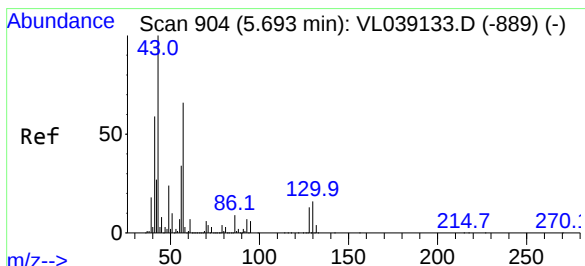
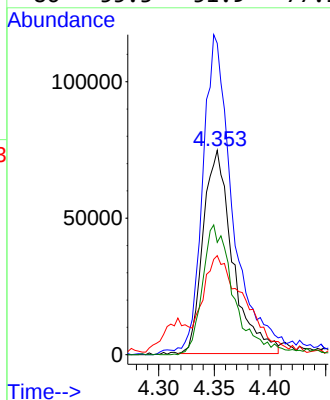
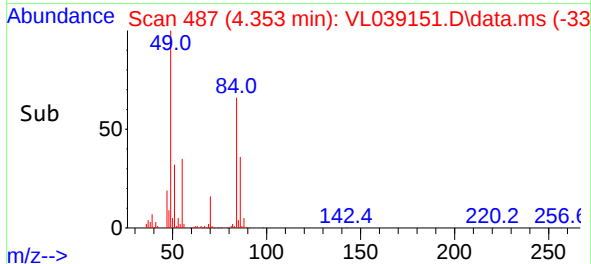
Instrument :
MSVOA_L
ClientSampleId :
SV1



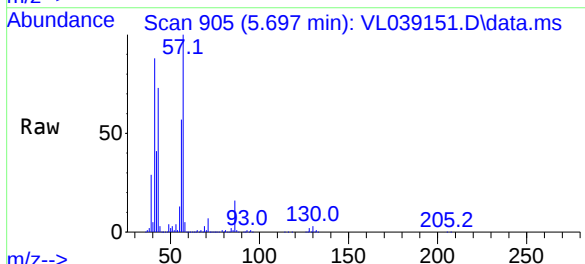
Tgt Ion: 84 Resp: 13745
Ion Ratio Lower Upper
84 100
49 149.9 111.1 166.7
51 42.3 35.3 52.9
86 55.3 51.9 77.9

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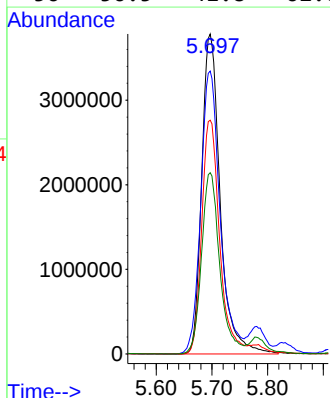
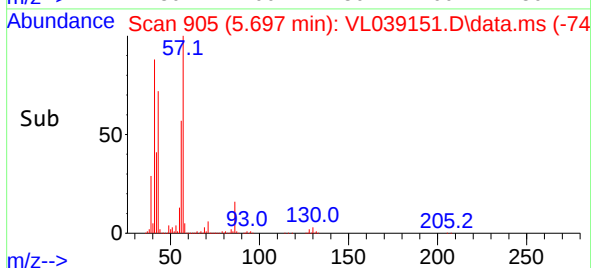
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Supervised By :Mahesh Dadoda 06/06/2022

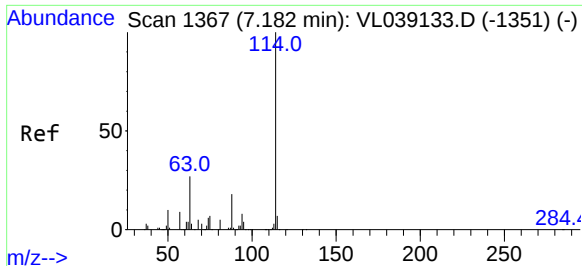


#26
Hexane
Concen: 67.881 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.003 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09



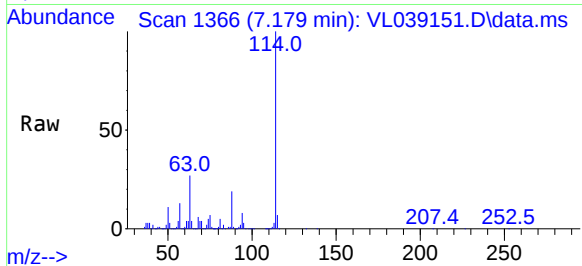
Tgt Ion: 57 Resp: 8687158
Ion Ratio Lower Upper
57 100
41 92.3 72.4 108.6
43 74.0 187.0 280.6#
56 56.5 41.8 62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09

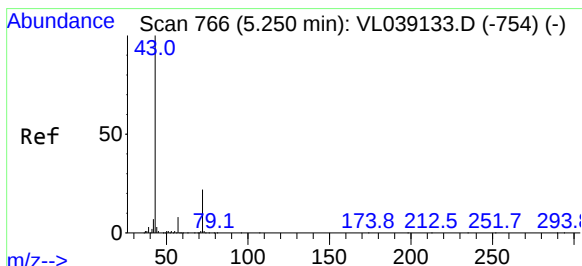
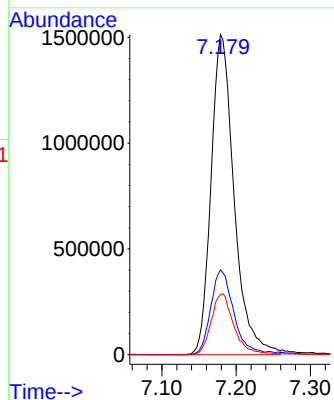
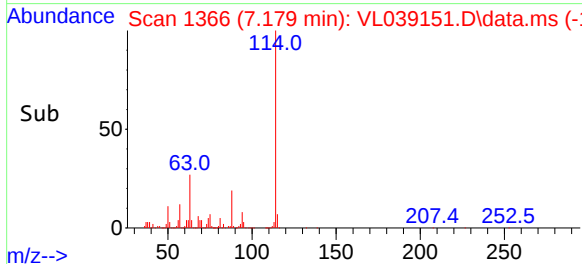
Instrument :
MSVOA_L
ClientSampleId :
SV1



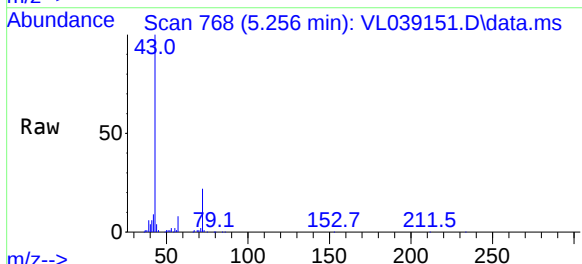
Tgt Ion:114 Resp: 325670
Ion Ratio Lower Upper
114 100
63 27.5 21.7 32.5
88 19.0 14.8 22.2

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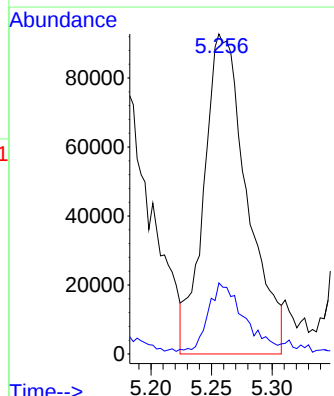
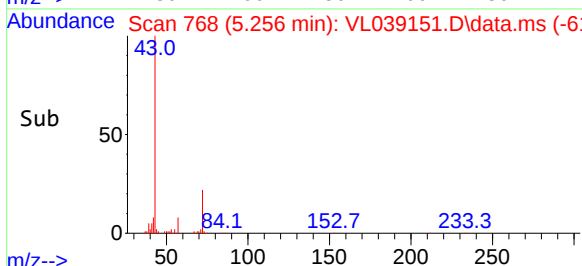
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Supervised By :Mahesh Dadoda 06/06/2022

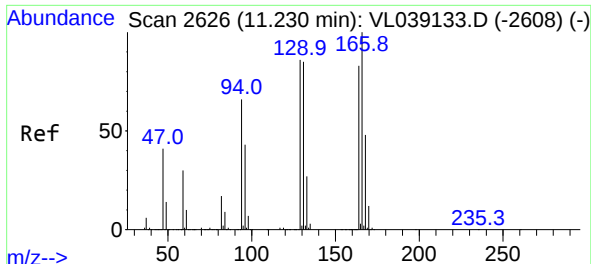


#34
2-Butanone
Concen: 1.302 ppbv m
RT: 5.256 min Scan# 768
Delta R.T. 0.006 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09



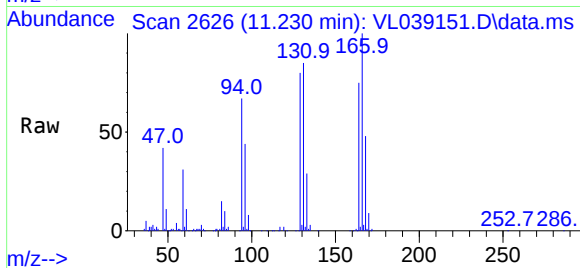
Tgt Ion: 43 Resp: 230375
Ion Ratio Lower Upper
43 100
72 21.2 18.2 27.2





#52
Tetrachloroethene
Concen: 2.292 ppbv m
RT: 11.230 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09

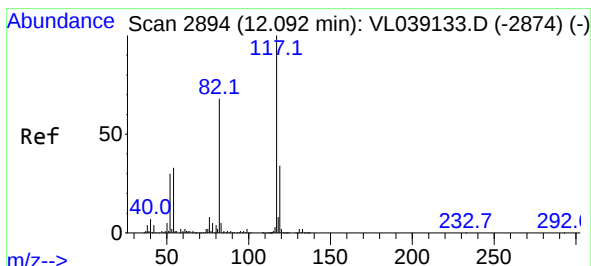
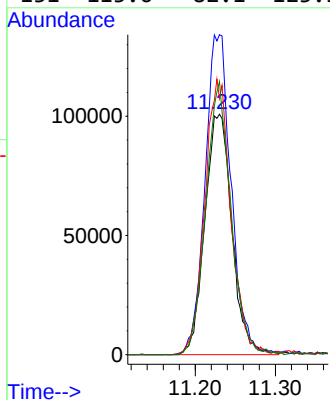
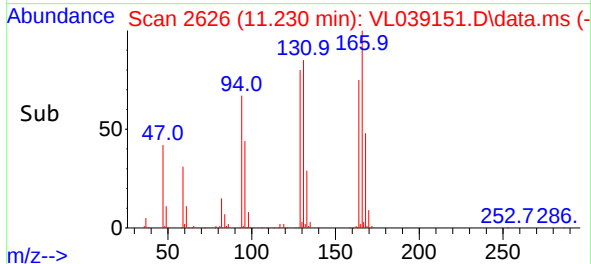
Instrument :
MSVOA_L
ClientSampleId :
SV1



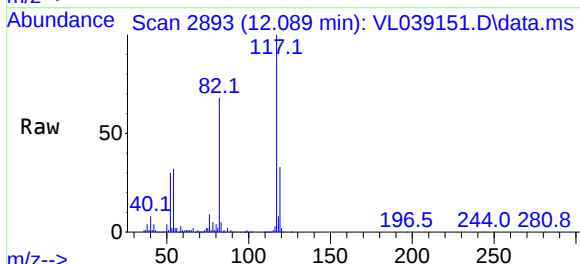
Tgt Ion:164 Resp: 236644
Ion Ratio Lower Upper
164 100
166 133.0 96.3 144.5
129 106.5 82.5 123.7
131 113.6 82.1 123.1

Manual Integrations
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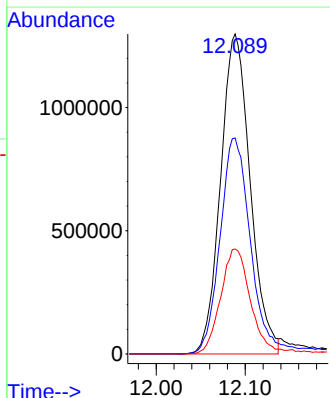
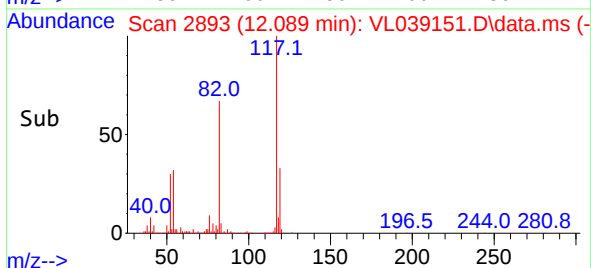
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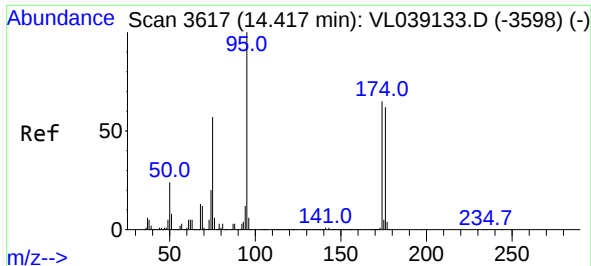


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039151.D
Acq: 1 Jun 2022 17:09



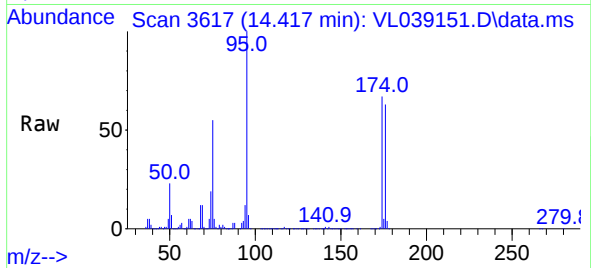
Tgt Ion:117 Resp: 2999023
Ion Ratio Lower Upper
117 100
82 73.3 55.1 82.7
119 34.4 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.352 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL039151.D
 Acq: 1 Jun 2022 17:09

Instrument :
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 ClientSampleId :
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Tgt Ion: 95 Resp: 2566770

Ion	Ratio	Lower	Upper
95	100		
174	68.0	53.8	80.8
175	5.0	4.1	6.1

Manual Integrations
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