

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039162.D
 Acq On : 3 Jun 2022 21:12
 Operator : SY/AP
 Sample : N3106-06DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 00:19:06 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 04 00:19:06 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	1118991	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	2746468	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.095	117	2368315	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	1932597	9.870	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.060	85	24231	0.123	ppbv	97
4) Chloromethane	3.147	50	11121m	0.152	ppbv	
9) Propene	3.034	41	267366m	4.307	ppbv	
13) Ethanol	3.607	45	705031	208.238	ppbv #	100
15) Acetone	3.858	43	553461	4.748	ppbv	97
19) Isopropyl Alcohol	3.970	45	1617835	29.592	ppbv	100
20) Methylene Chloride	4.356	84	162236	3.303	ppbv	97
26) Hexane	5.700	57	128918	1.117	ppbv #	42
34) 2-Butanone	5.256	43	46164m	0.309	ppbv	
41) Tetrahydrofuran	6.073	42	15362m	0.171	ppbv	
53) Toluene	9.822	91	34884m	0.136	ppbv	
76) 1,4-Dichlorobenzene	17.143	146	183901m	1.023	ppbv	

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

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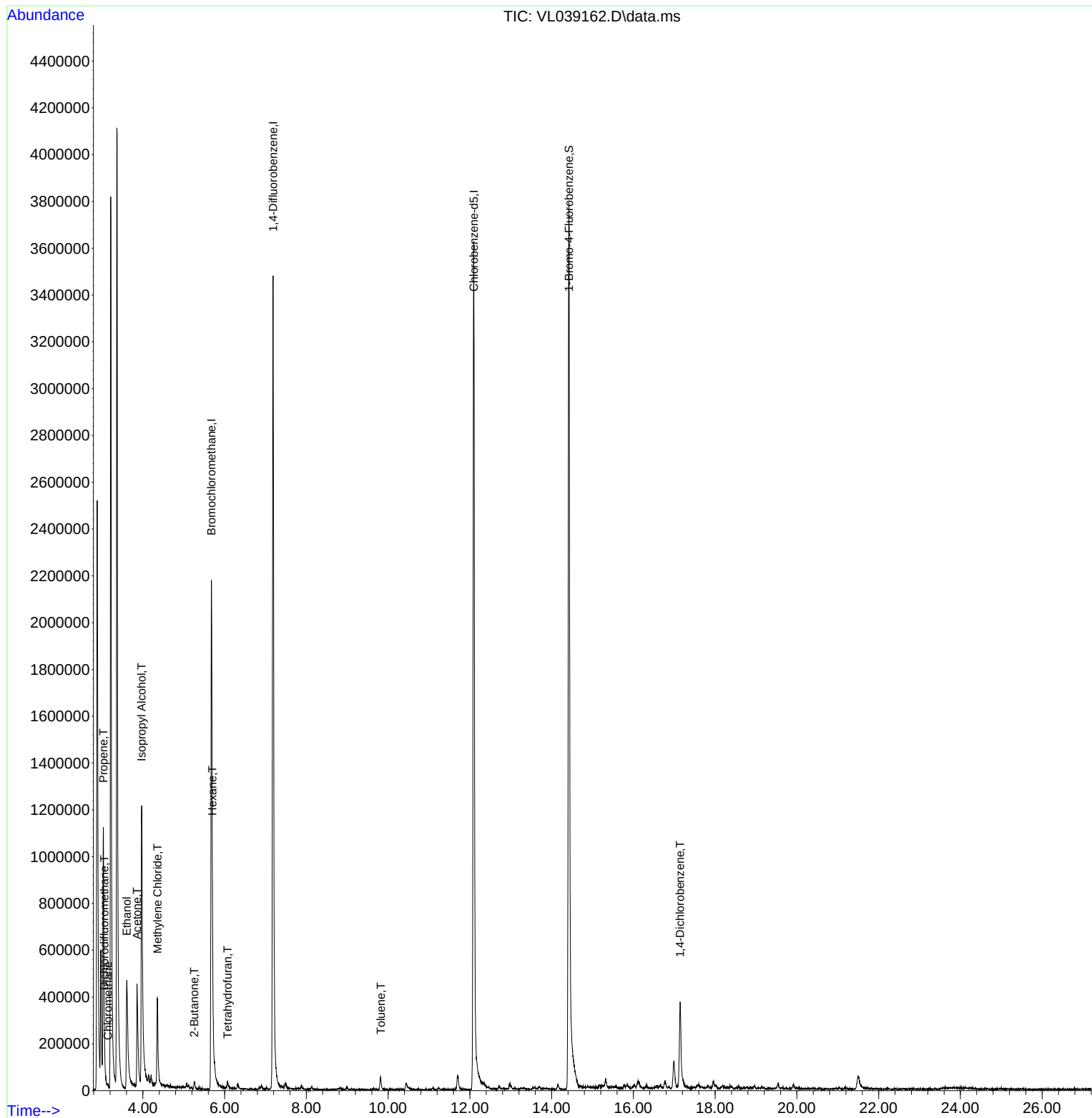
Quant Time: Jun 04 00:19:06 2022

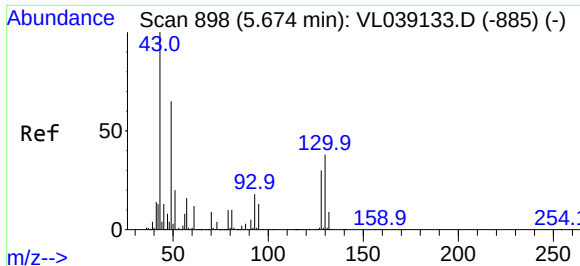
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

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

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

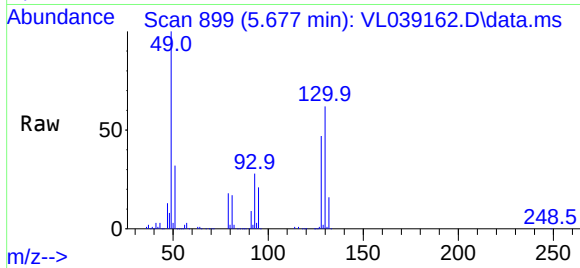
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

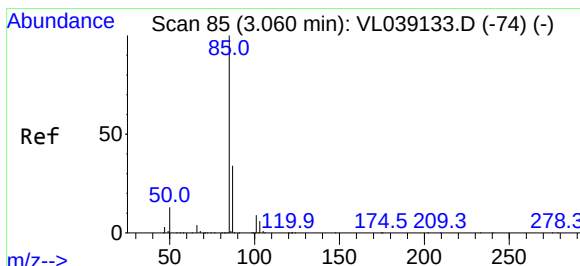
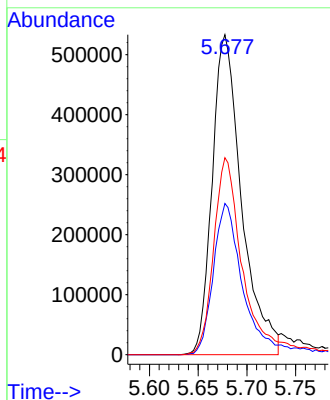
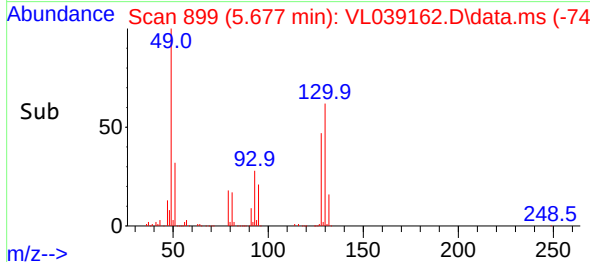
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 49 Resp: 111899
Ion Ratio Lower Upper
49 100
128 50.4 24.7 74.1
130 63.5 31.4 94.0

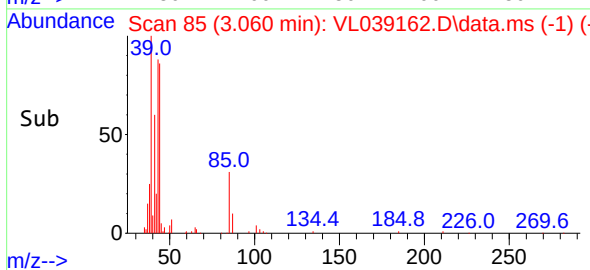
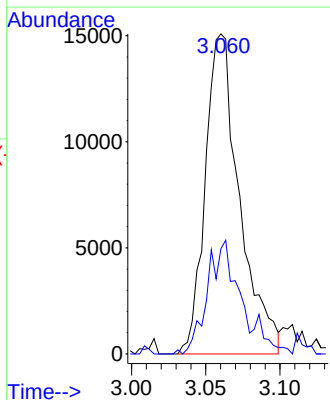
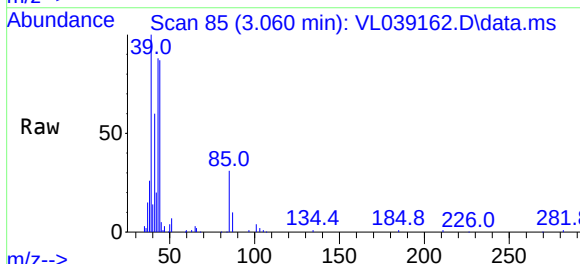
Manual Integrations
APPROVED

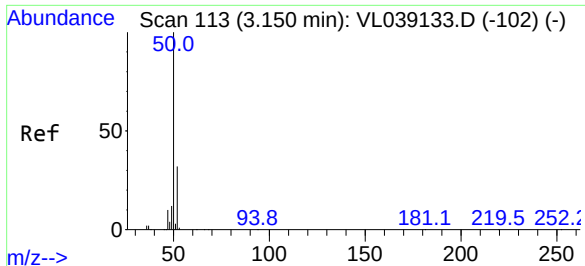
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

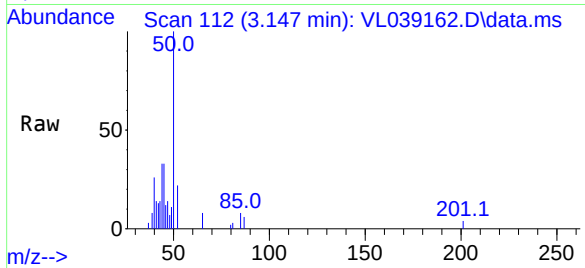
Tgt Ion: 85 Resp: 24231
Ion Ratio Lower Upper
85 100
87 31.6 26.9 40.3





#4
Chloromethane
Concen: 0.152 ppbv m
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

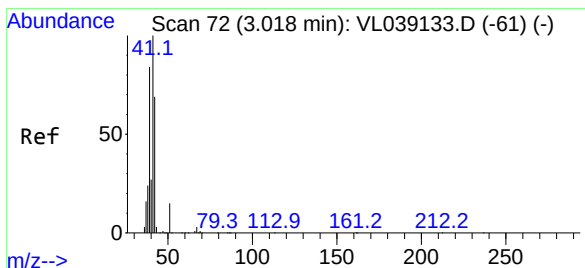
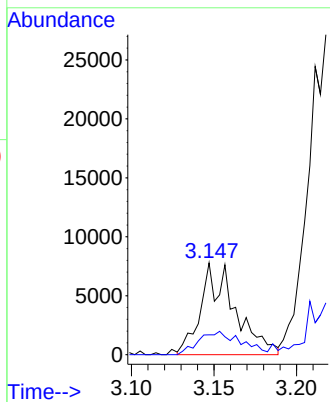
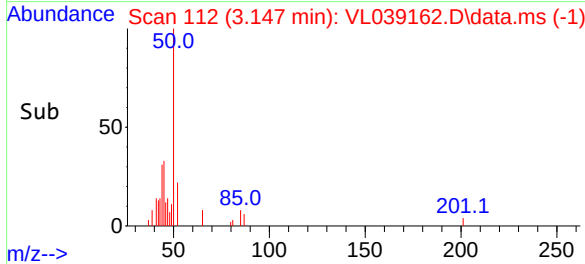
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 50 Resp: 1112
Ion Ratio Lower Upper
50 100
52 21.6 25.9 38.9

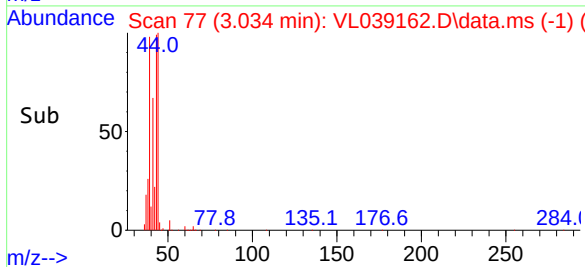
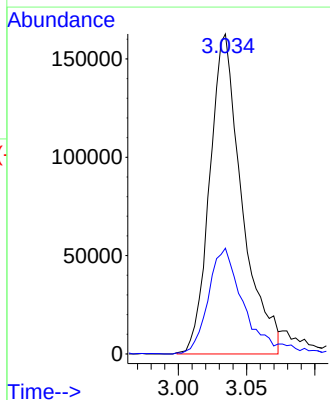
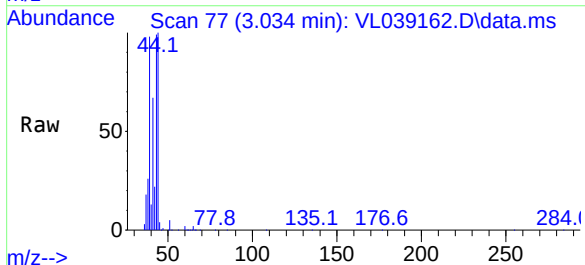
Manual Integrations
APPROVED

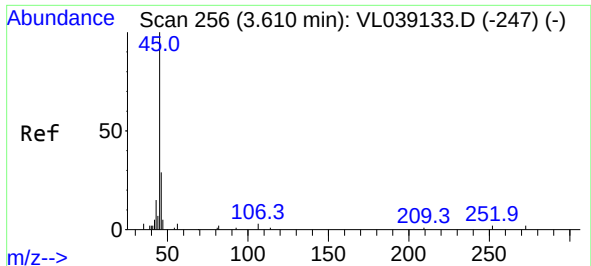
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#9
Propene
Concen: 4.307 ppbv m
RT: 3.034 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

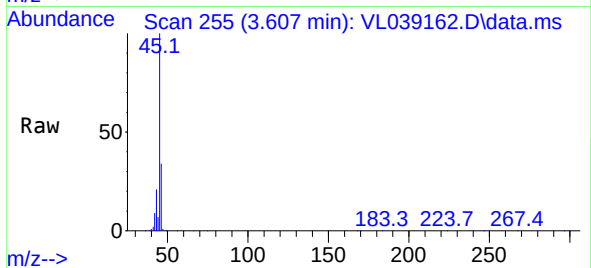
Tgt Ion: 41 Resp: 267366
Ion Ratio Lower Upper
41 100
42 345.7 55.4 83.2





#13
Ethanol
Concen: 208.238 ppbv
RT: 3.607 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

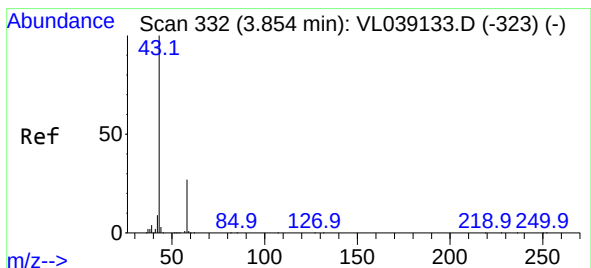
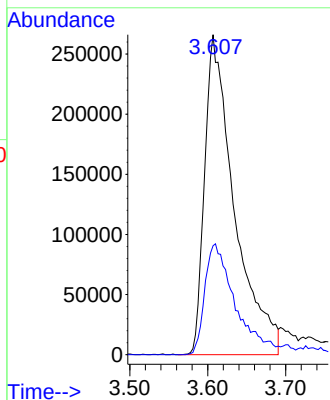
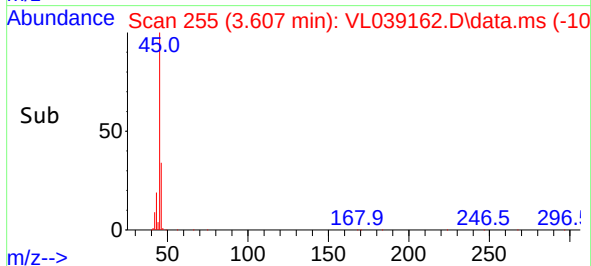
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



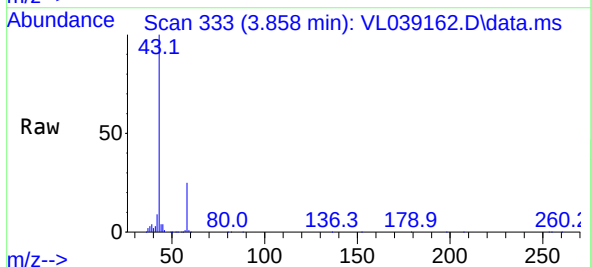
Tgt Ion: 45 Resp: 70503
Ion Ratio Lower Upper
45 100
46 40.6 0.0 0.0

Manual Integrations
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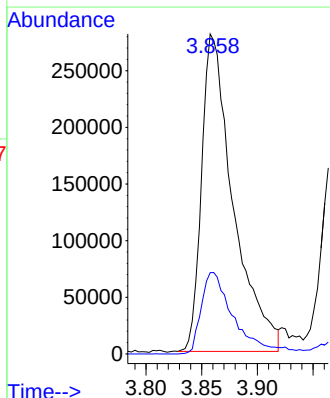
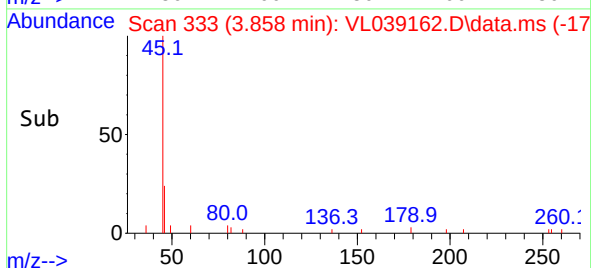
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

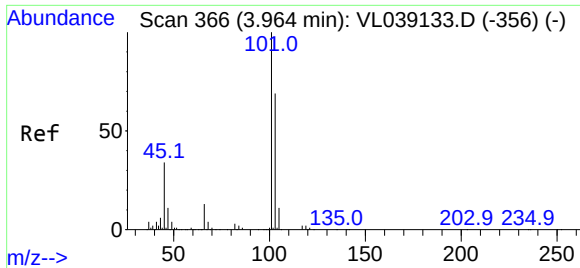


#15
Acetone
Concen: 4.748 ppbv
RT: 3.858 min Scan# 333
Delta R.T. 0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12



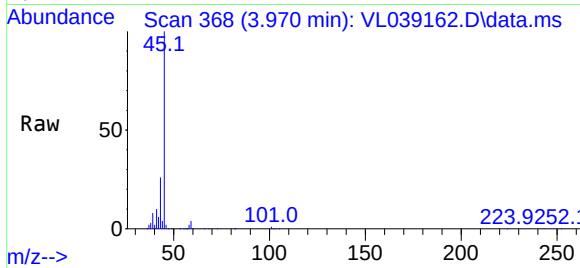
Tgt Ion: 43 Resp: 553461
Ion Ratio Lower Upper
43 100
58 26.6 22.5 33.7





#19
Isopropyl Alcohol
Concen: 29.592 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

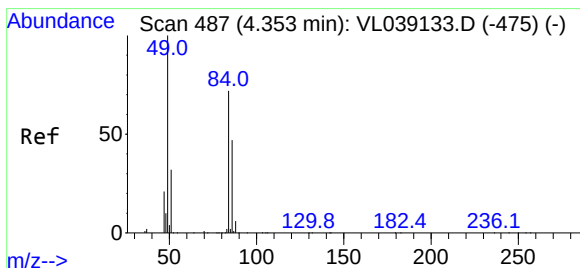
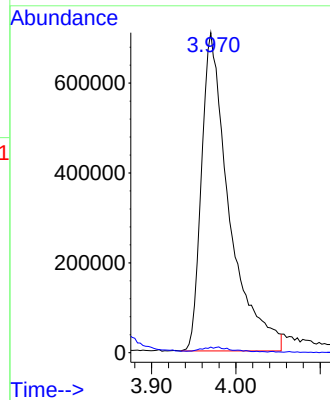
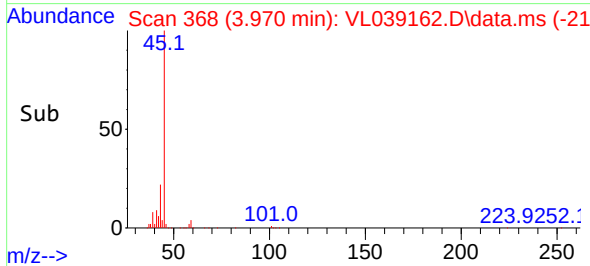
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



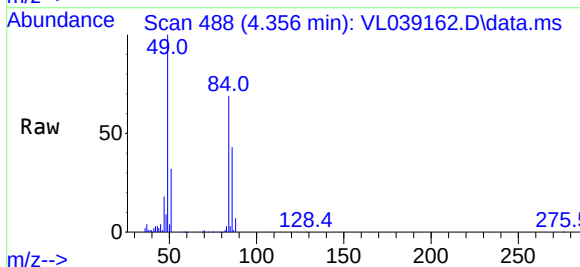
Tgt Ion: 45 Resp: 161783
Ion Ratio Lower Upper
45 100
58 2.4 1.8 2.8

Manual Integrations
APPROVED

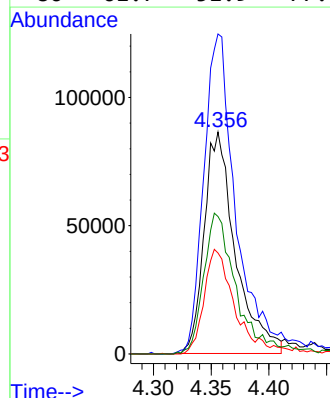
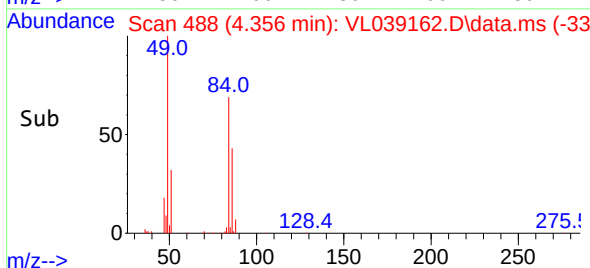
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

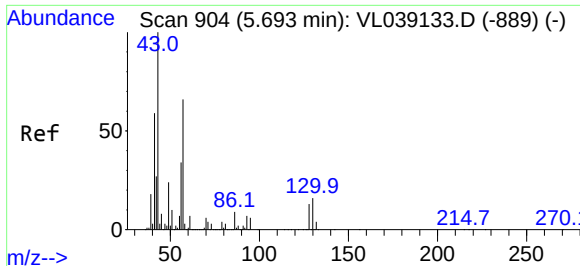


#20
Methylene Chloride
Concen: 3.303 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12



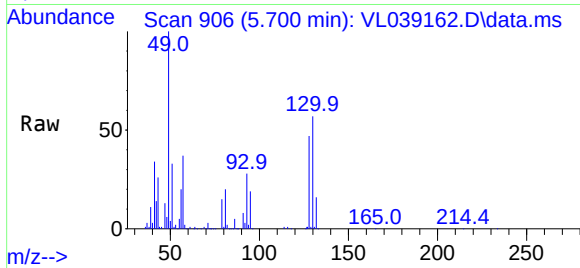
Tgt Ion: 84 Resp: 162236
Ion Ratio Lower Upper
84 100
49 142.8 111.1 166.7
51 45.6 35.3 52.9
86 61.7 51.9 77.9





#26
Hexane
Concen: 1.117 ppbv
RT: 5.700 min Scan# 904
Delta R.T. 0.006 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

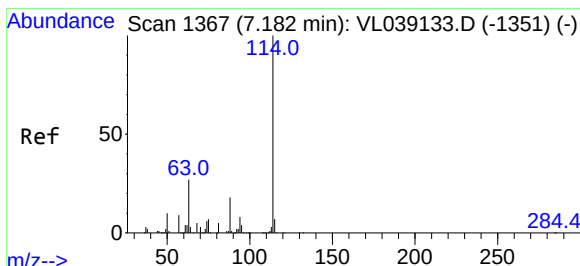
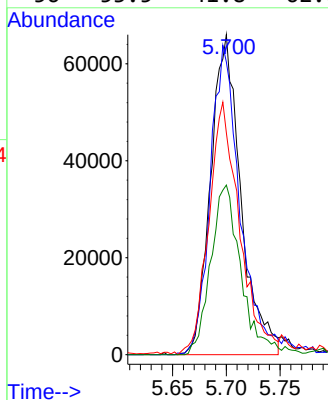
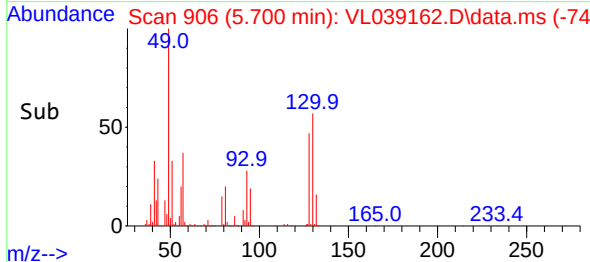
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



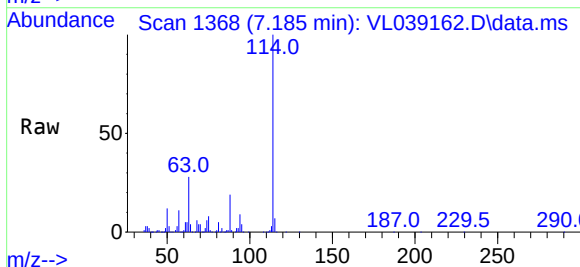
Tgt Ion: 57 Resp: 128918
Ion Ratio Lower Upper
57 100
41 98.9 72.4 108.6
43 83.7 187.0 280.6
56 53.5 41.8 62.6

Manual Integrations
APPROVED

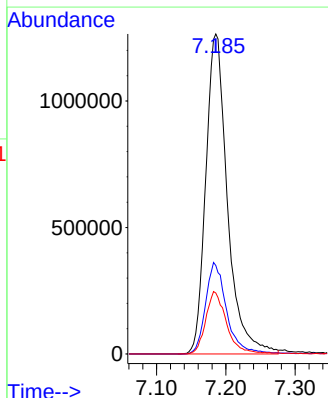
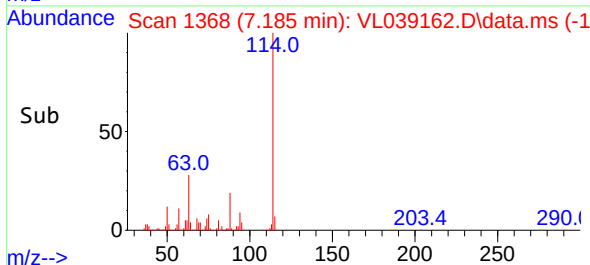
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

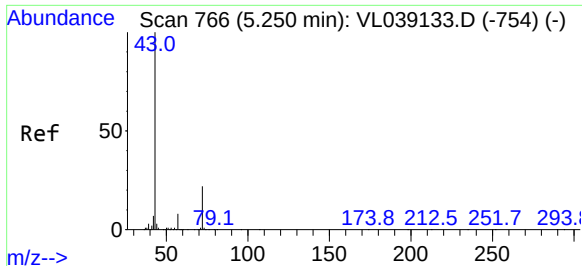


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12



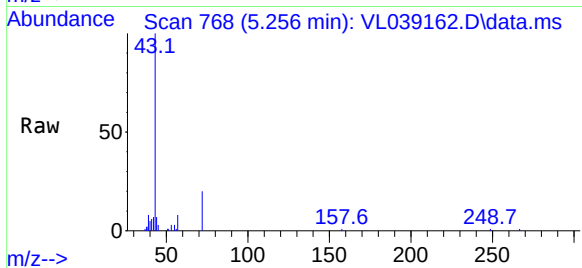
Tgt Ion:114 Resp: 2746468
Ion Ratio Lower Upper
114 100
63 28.0 21.7 32.5
88 19.2 14.8 22.2





#34
2-Butanone
Concen: 0.309 ppbv m
RT: 5.256 min Scan# 70
Delta R.T. 0.006 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

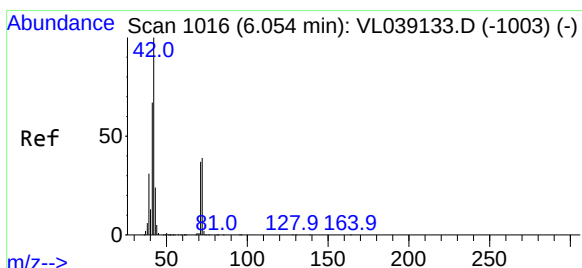
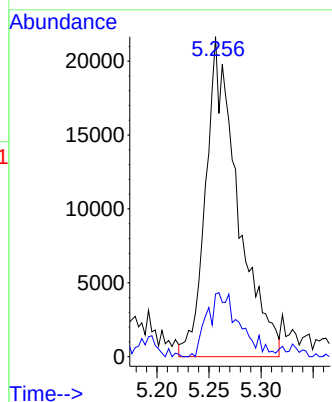
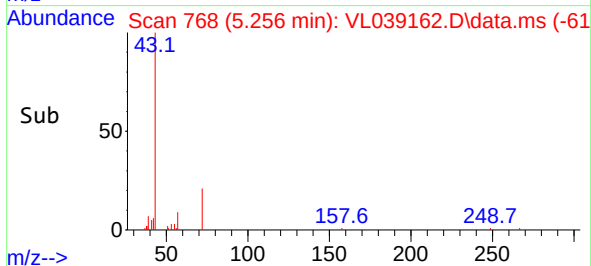
Instrument :
MSVOA_L
ClientSampleId :
IA2DL



Tgt Ion: 43 Resp: 46164
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2

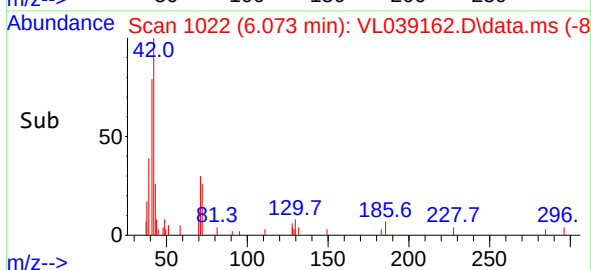
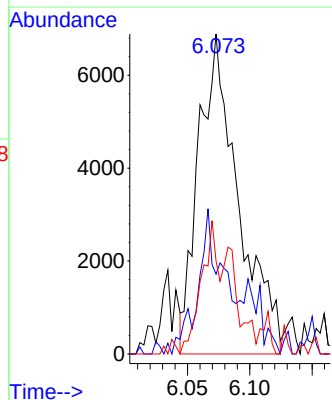
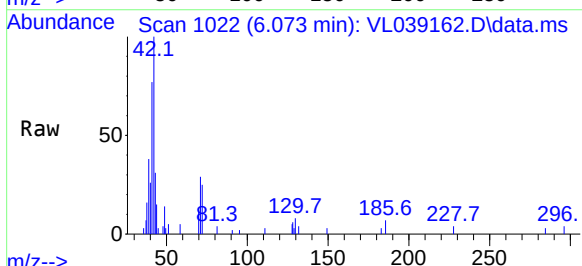
Manual Integrations
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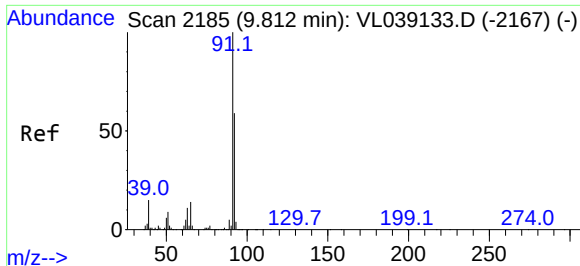
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#41
Tetrahydrofuran
Concen: 0.171 ppbv m
RT: 6.073 min Scan# 1022
Delta R.T. 0.019 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

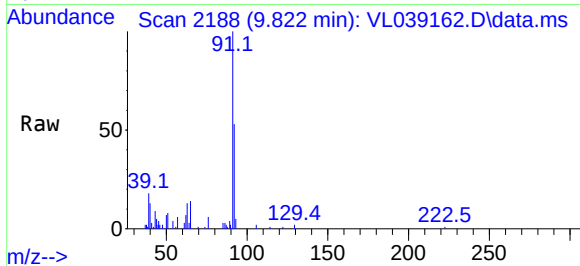
Tgt Ion: 42 Resp: 15362
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 31.1 46.7#





#53
Toluene
Concen: 0.136 ppbv m
RT: 9.822 min Scan# 2185
Delta R.T. 0.010 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

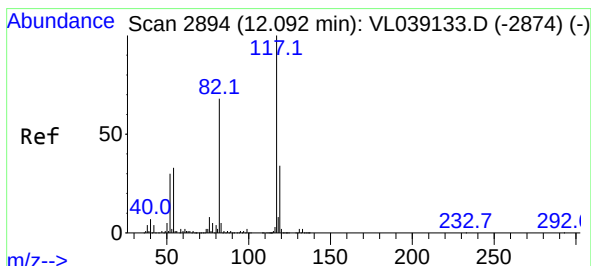
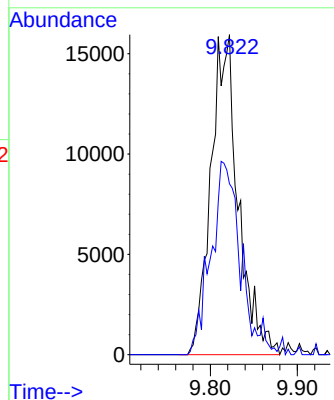
Instrument :
MSVOA_L
ClientSampleId :
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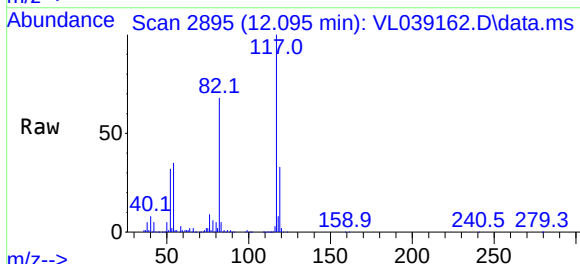
Tgt Ion: 91 Resp: 34884
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1

Manual Integrations
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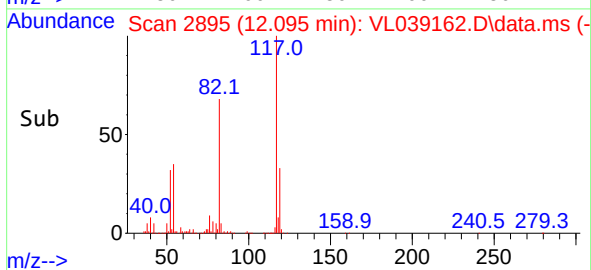
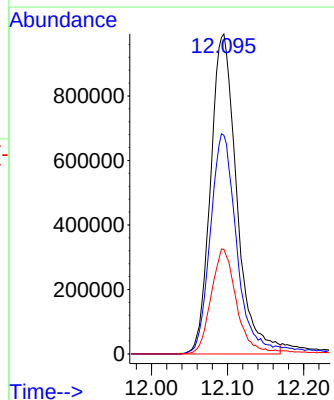
Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022

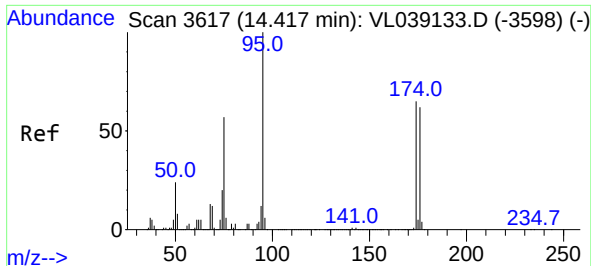


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12



Tgt Ion:117 Resp: 2368315
Ion Ratio Lower Upper
117 100
82 71.8 55.1 82.7
119 33.4 24.7 37.1





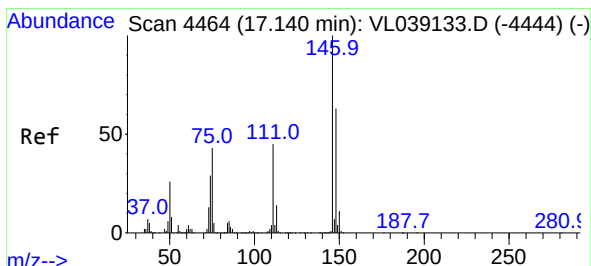
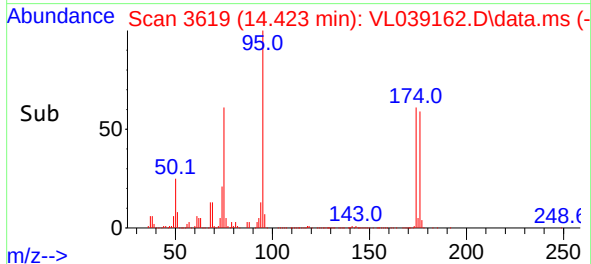
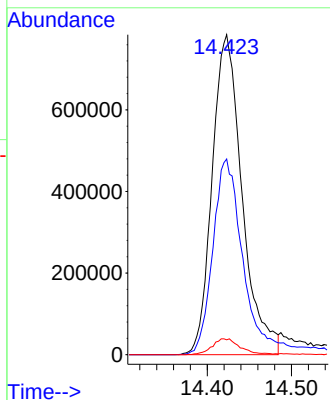
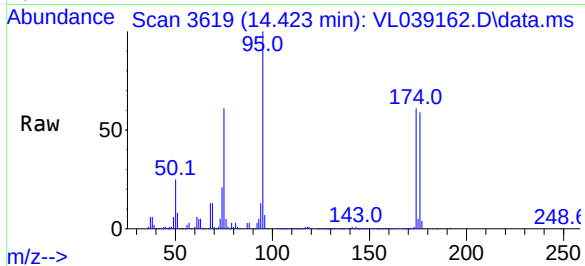
#68
1-Bromo-4-Fluorobenzene
Concen: 9.870 ppbv
RT: 14.423 min Scan# 3619
Delta R.T. 0.006 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Tgt Ion: 95 Resp: 193259
Ion Ratio Lower Upper
95 100
174 66.1 53.8 80.8
175 4.9 4.1 6.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
Supervised By :Mahesh Dadoda 06/06/2022



#76
1,4-Dichlorobenzene
Concen: 1.023 ppbv m
RT: 17.143 min Scan# 4465
Delta R.T. 0.003 min
Lab File: VL039162.D
Acq: 3 Jun 2022 21:12

Tgt Ion:146 Resp: 183901
Ion Ratio Lower Upper
146 100
111 52.7 23.6 71.0
148 68.4 33.7 101.0

