

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038785.D
 Acq On : 29 Mar 2022 00:18
 Operator : SY/AP
 Sample : N2121-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PA3DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:14:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	770042	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	2065748	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	1818326	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1317119	9.448	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.500%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.050	85	14836	0.143	ppbv	98
13) Ethanol	3.626	45	7999m	1.847	ppbv	
15) Acetone	3.874	43	34483	0.519	ppbv	91
20) Methylene Chloride	4.343	84	13027m	0.465	ppbv	
29) Chloroform	5.748	83	67872	0.566	ppbv	98
34) 2-Butanone	5.263	43	29294	0.358	ppbv	99
38) Trichloroethene	7.828	130	16324m	0.244	ppbv	
41) Tetrahydrofuran	6.079	42	11615m	0.191	ppbv	
52) Tetrachloroethene	11.211	164	826636	14.168	ppbv	98
53) Toluene	9.799	91	223873	1.307	ppbv	99

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

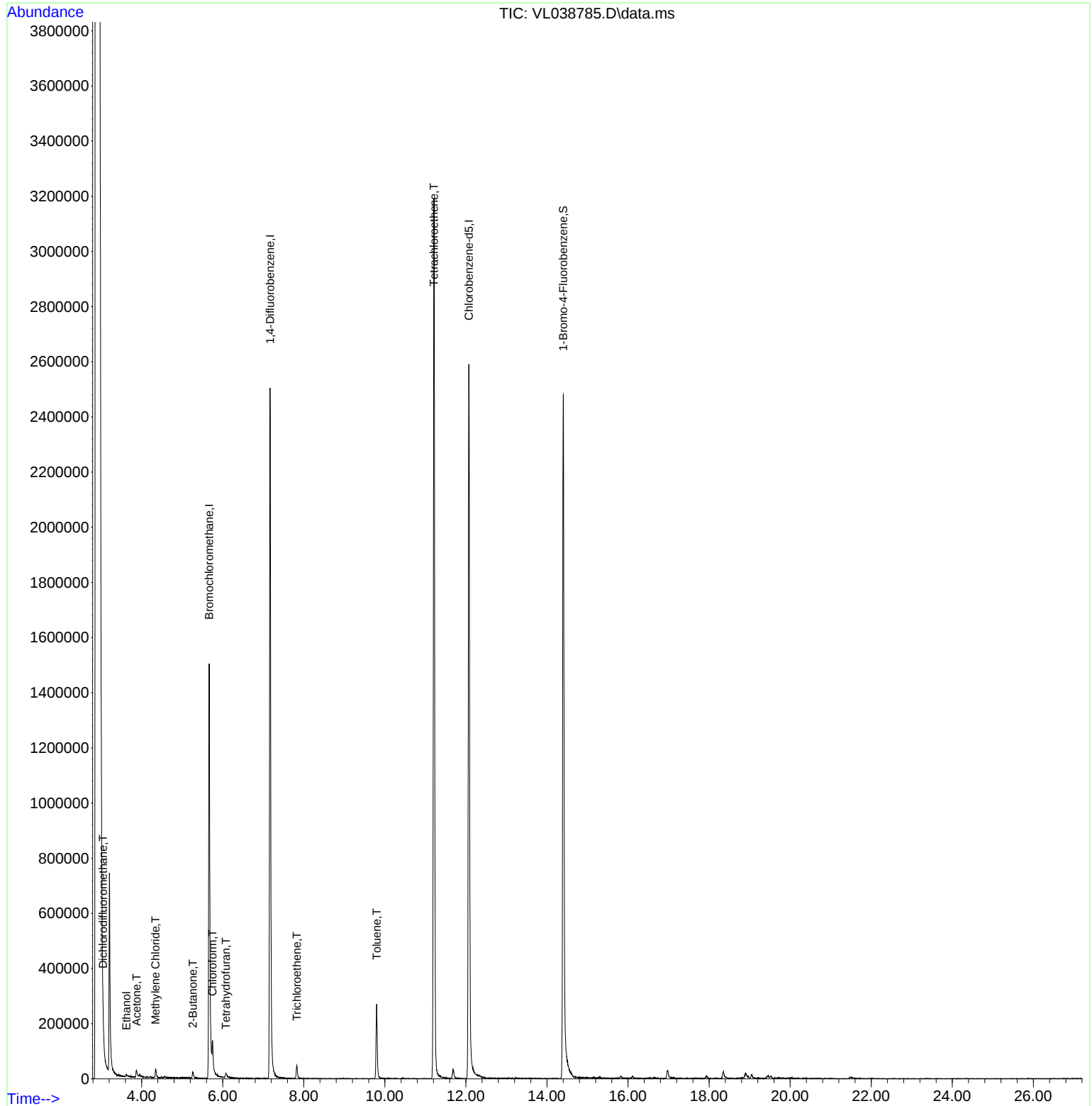
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
Data File : VL038785.D
Acq On : 29 Mar 2022 00:18
Operator : SY/AP
Sample : N2121-01DL 4X
Misc : 400mL/MSVOA_L
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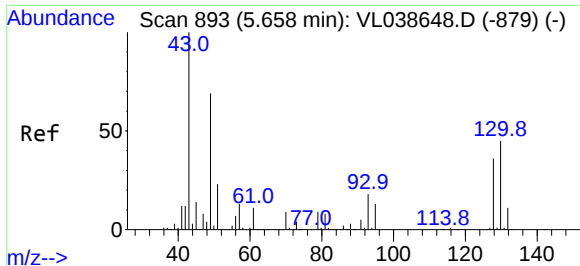
Instrument :
MSVOA_L
ClientSampleId :
C0PA3DL

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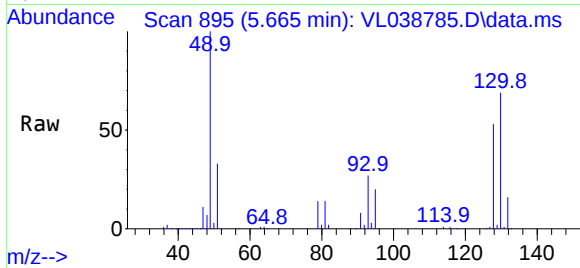
Quant Time: Mar 29 06:14:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 89
Delta R.T. 0.006 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

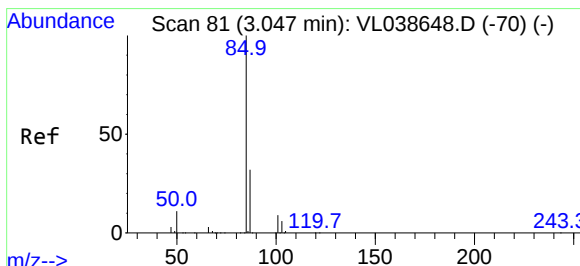
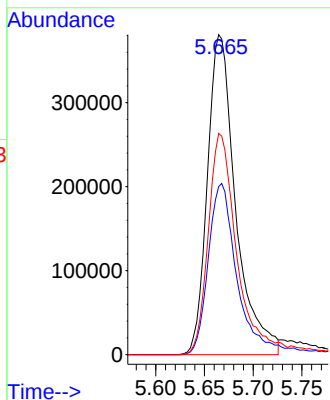
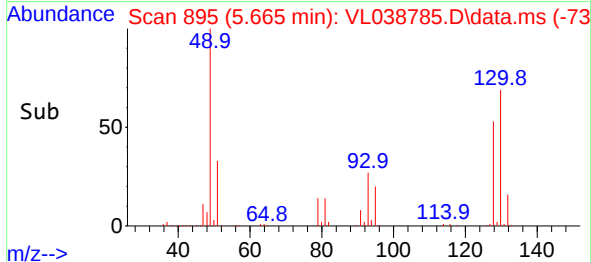
Instrument :
MSVOA_L
ClientSampleId :
COPA3DL



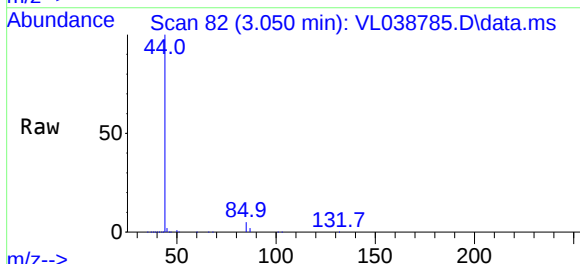
Tgt Ion: 49 Resp: 77004
Ion Ratio Lower Upper
49 100
128 56.8 26.2 78.6
130 74.2 33.7 101.1

Manual Integrations
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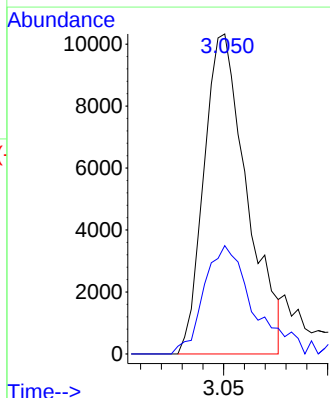
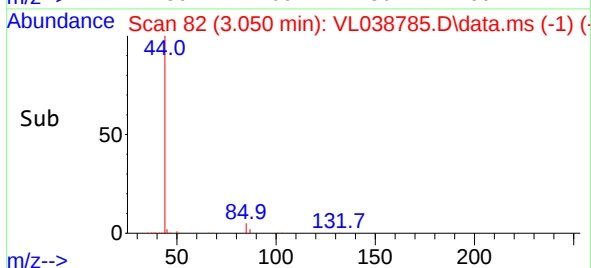
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

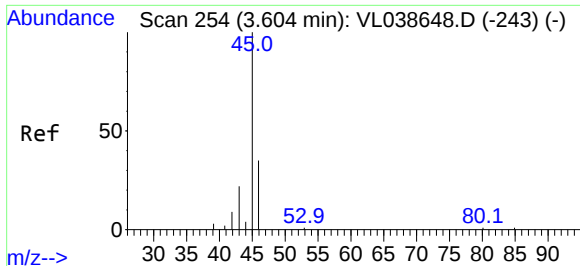


#2
Dichlorodifluoromethane
Concen: 0.143 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18



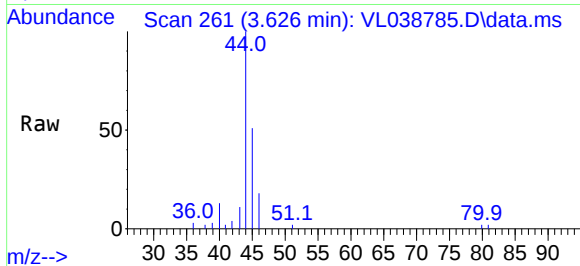
Tgt Ion: 85 Resp: 14836
Ion Ratio Lower Upper
85 100
87 31.4 26.0 39.0





#13
Ethanol
Concen: 1.847 ppbv m
RT: 3.626 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

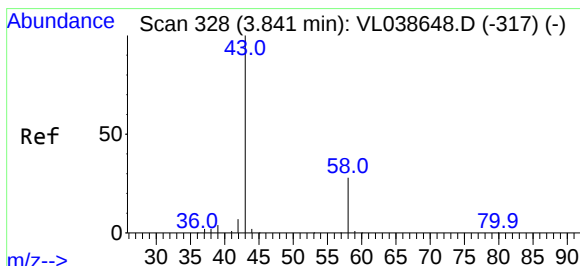
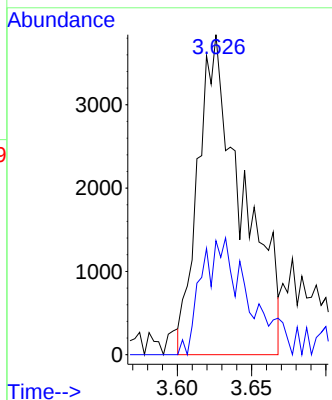
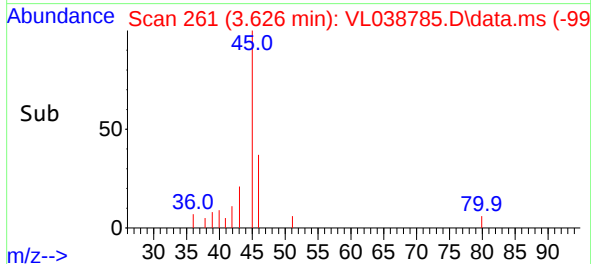
Instrument :
MSVOA_L
ClientSampleId :
COPA3DL



Tgt Ion: 45 Resp: 7999
Ion Ratio Lower Upper
45 100
46 0.0 15.1 60.5

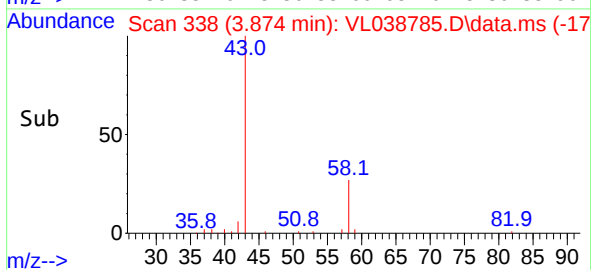
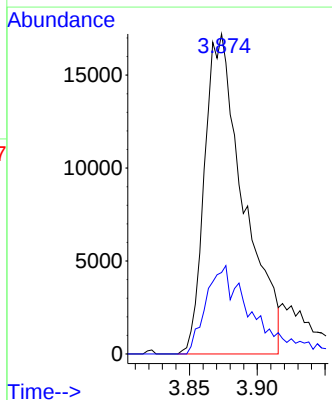
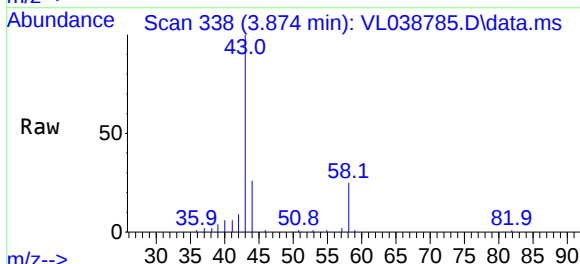
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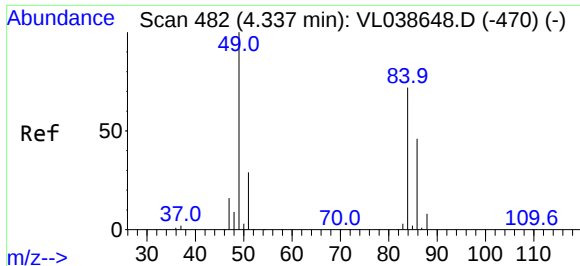
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#15
Acetone
Concen: 0.519 ppbv
RT: 3.874 min Scan# 338
Delta R.T. 0.032 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

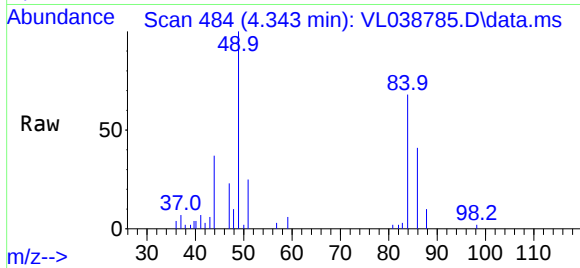
Tgt Ion: 43 Resp: 34483
Ion Ratio Lower Upper
43 100
58 33.9 23.3 34.9





#20
Methylene Chloride
Concen: 0.465 ppbv m
RT: 4.343 min Scan# 484
Delta R.T. 0.006 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

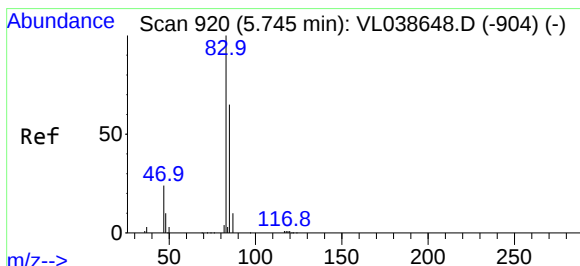
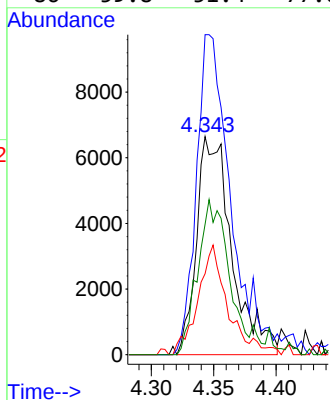
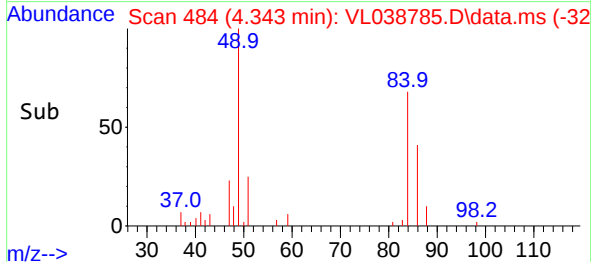
Instrument :
MSVOA_L
ClientSampleId :
COPA3DL



Tgt Ion: 84 Resp: 1302
Ion Ratio Lower Upper
84 100
49 146.8 111.2 166.8
51 37.1 32.8 49.2
86 59.8 51.4 77.0

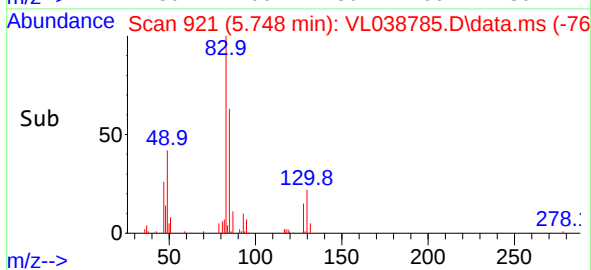
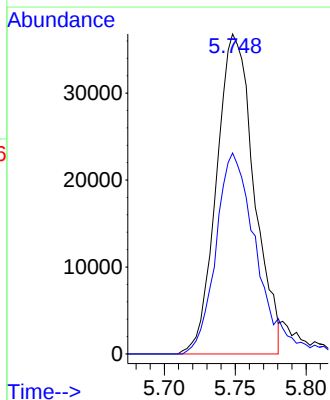
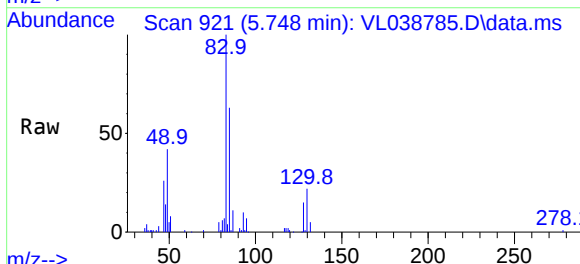
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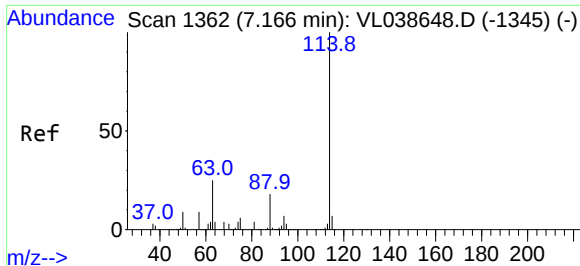
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#29
Chloroform
Concen: 0.566 ppbv
RT: 5.748 min Scan# 921
Delta R.T. 0.003 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

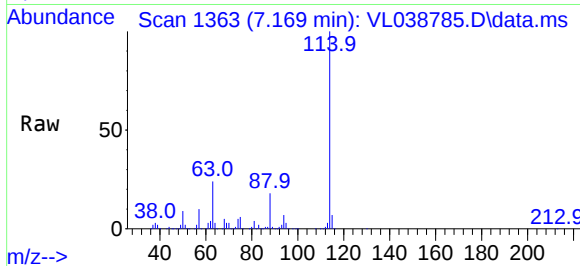
Tgt Ion: 83 Resp: 67872
Ion Ratio Lower Upper
83 100
85 62.8 51.7 77.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1114
Delta R.T. 0.003 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

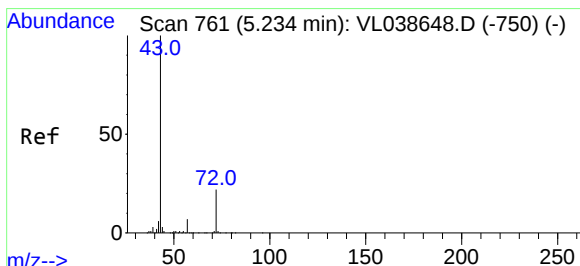
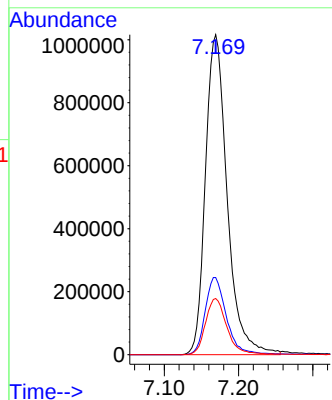
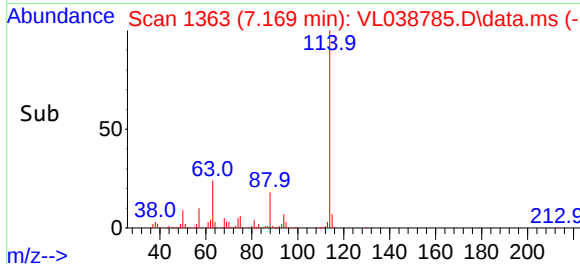
Instrument :
MSVOA_L
ClientSampleId :
C0PA3DL



Tgt Ion:114 Resp: 2065748
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.5 13.9 20.9

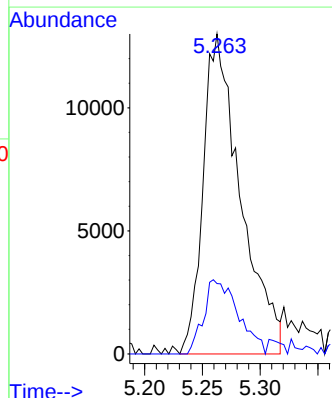
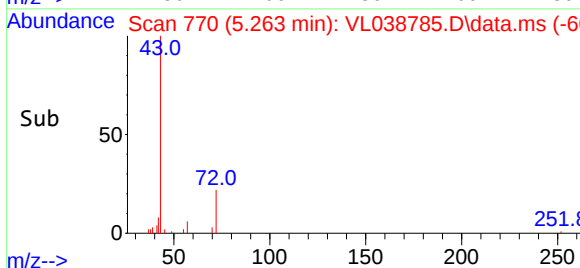
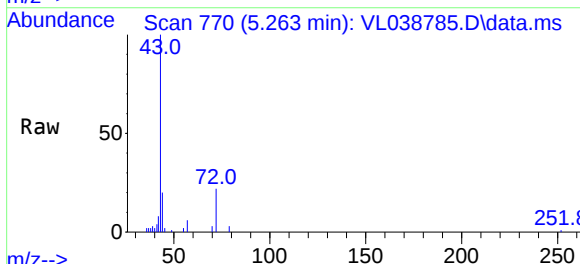
Manual Integrations
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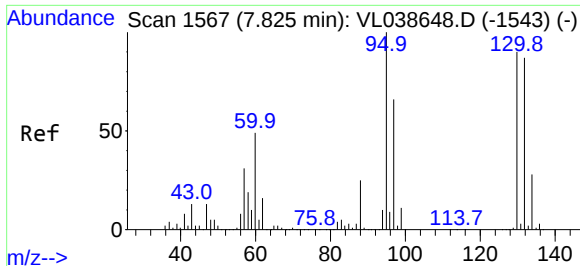
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#34
2-Butanone
Concen: 0.358 ppbv
RT: 5.263 min Scan# 770
Delta R.T. 0.029 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

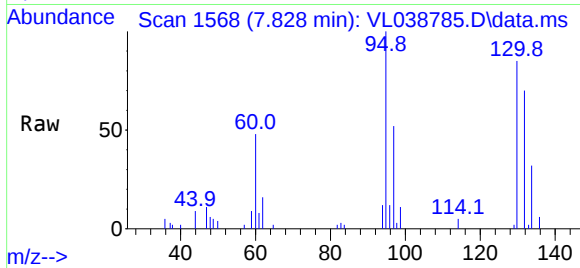
Tgt Ion: 43 Resp: 29294
Ion Ratio Lower Upper
43 100
72 23.0 17.8 26.8





#38
Trichloroethene
Concen: 0.244 ppbv m
RT: 7.828 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

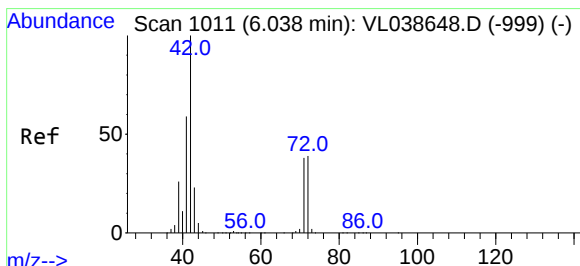
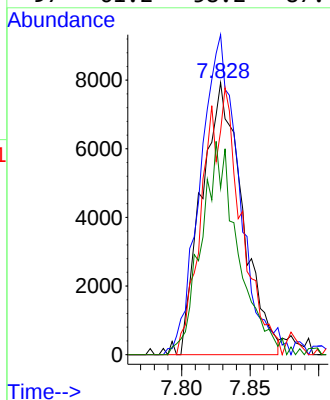
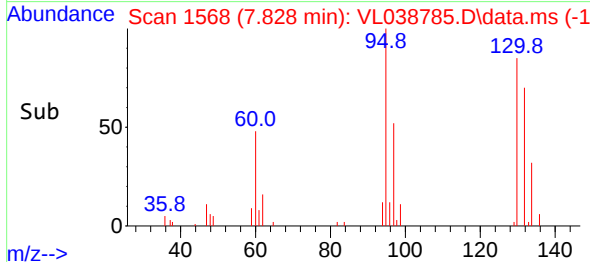
Instrument :
MSVOA_L
ClientSampleId :
COPA3DL



Tgt Ion:130 Resp: 16324
Ion Ratio Lower Upper
130 100
95 117.6 88.9 133.3
132 82.2 77.4 116.0
97 61.2 58.2 87.4

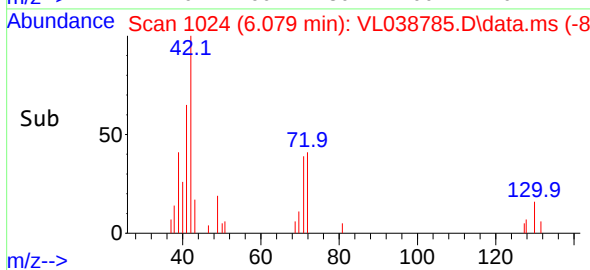
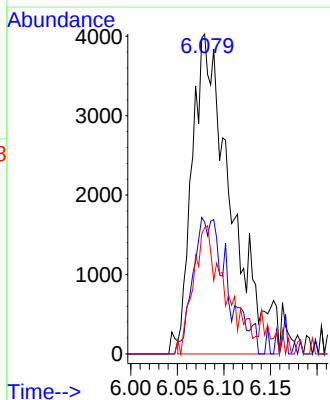
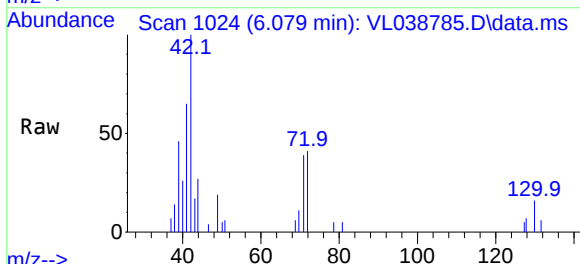
Manual Integrations
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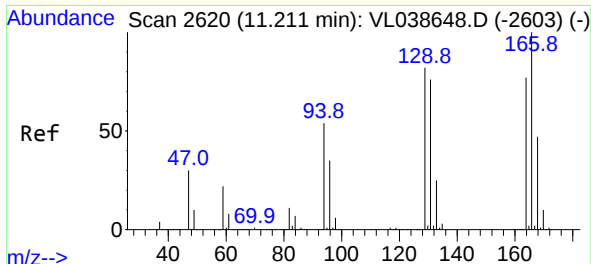
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#41
Tetrahydrofuran
Concen: 0.191 ppbv m
RT: 6.079 min Scan# 1024
Delta R.T. 0.042 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

Tgt Ion: 42 Resp: 11615
Ion Ratio Lower Upper
42 100
72 0.0 32.5 48.7#
71 0.0 31.4 47.2#





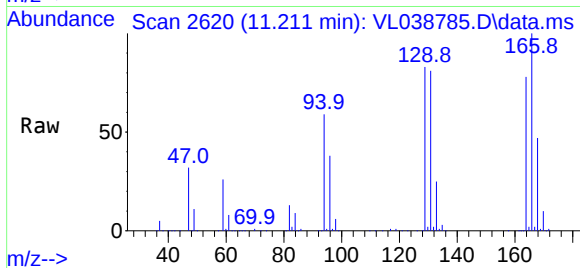
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Tetrachloroethene
Concen: 14.168 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. -0.000 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

Instrument :

MSVOA_L

ClientSampleId :

COPA3DL

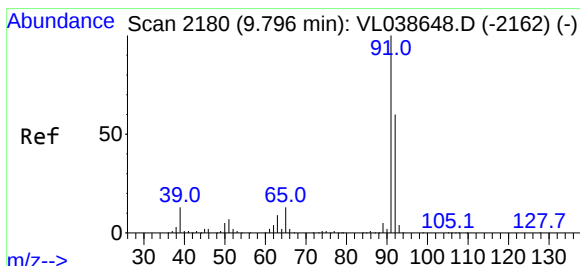
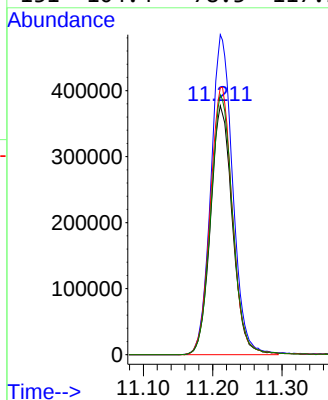
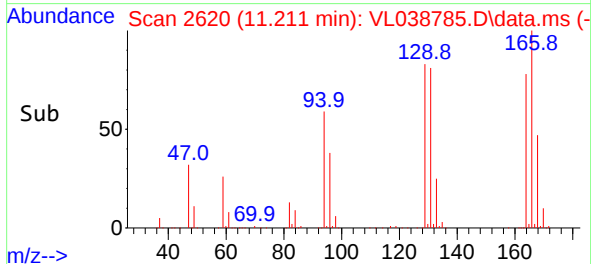


Tgt Ion:164 Resp: 826630
Ion Ratio Lower Upper
164 100
166 128.5 103.3 154.9
129 107.3 85.2 127.8
131 104.4 78.3 117.5

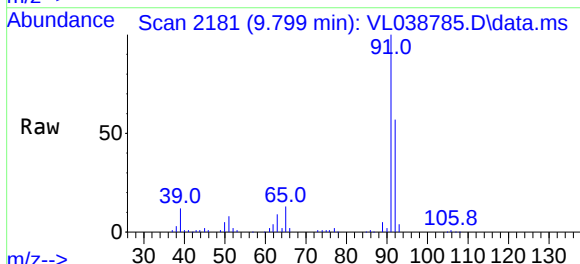
Manual Integrations

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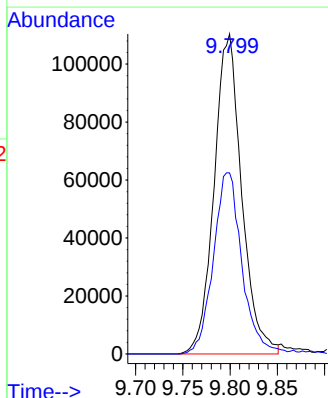
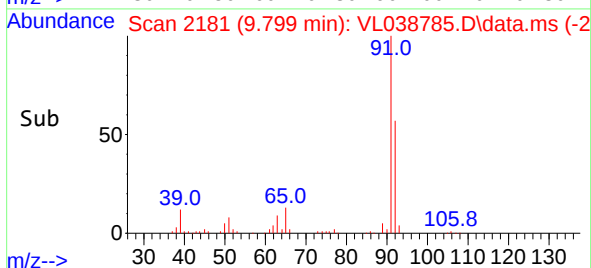
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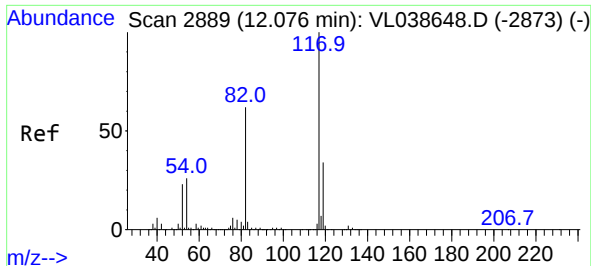


#53
Toluene
Concen: 1.307 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. 0.003 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18



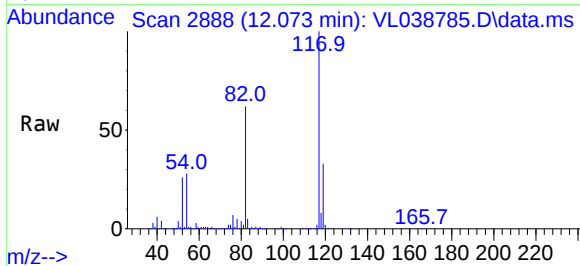
Tgt Ion: 91 Resp: 223873
Ion Ratio Lower Upper
91 100
92 60.0 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. -0.003 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18

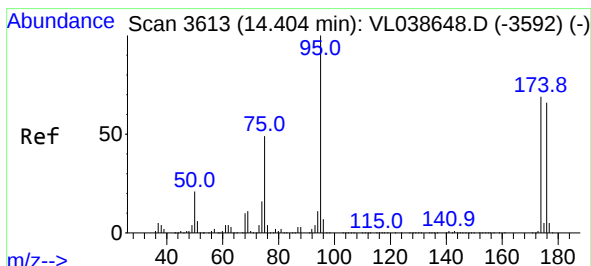
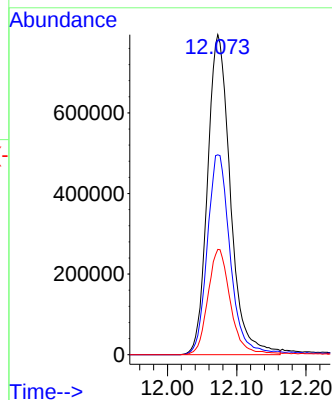
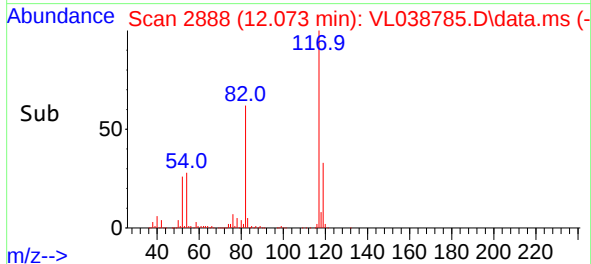
Instrument :
MSVOA_L
ClientSampleId :
C0PA3DL



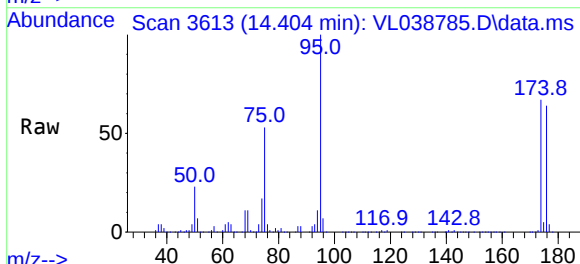
Tgt Ion: 117 Resp: 1818320
Ion Ratio Lower Upper
117 100
82 64.5 51.6 77.4
119 32.8 26.9 40.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.448 ppbv
RT: 14.404 min Scan# 3613
Delta R.T. -0.000 min
Lab File: VL038785.D
Acq: 29 Mar 2022 00:18



Tgt Ion: 95 Resp: 1317119
Ion Ratio Lower Upper
95 100
174 70.6 56.1 84.1
175 5.0 4.2 6.2

