

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039492.D
 Acq On : 19 Jul 2022 22:00
 Operator : SY/AP
 Sample : N3750-04DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

Quant Time: Jul 20 05:42:00 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1273813	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.192	114	3553695	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.098	117	3168677	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2370870	10.086	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%
Target Compounds						
9) Propene	3.028	41	72537	0.994	ppbv	87
15) Acetone	3.864	43	881905	5.852	ppbv	96
19) Isopropyl Alcohol	3.979	45	246221	3.063	ppbv #	89
20) Methylene Chloride	4.352	84	37807	0.629	ppbv	89
26) Hexane	5.700	57	378190	3.036	ppbv #	38
29) Chloroform	5.764	83	848681	3.918	ppbv	94
32) 1,1,1-Trichloroethane	6.526	97	24685m	0.115	ppbv	
34) 2-Butanone	5.269	43	46668m	0.261	ppbv	
36) Benzene	6.909	78	34199	0.124	ppbv #	87
38) Trichloroethene	7.857	130	19207965m	129.121	ppbv	
52) Tetrachloroethene	11.236	164	231625	2.092	ppbv	94

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

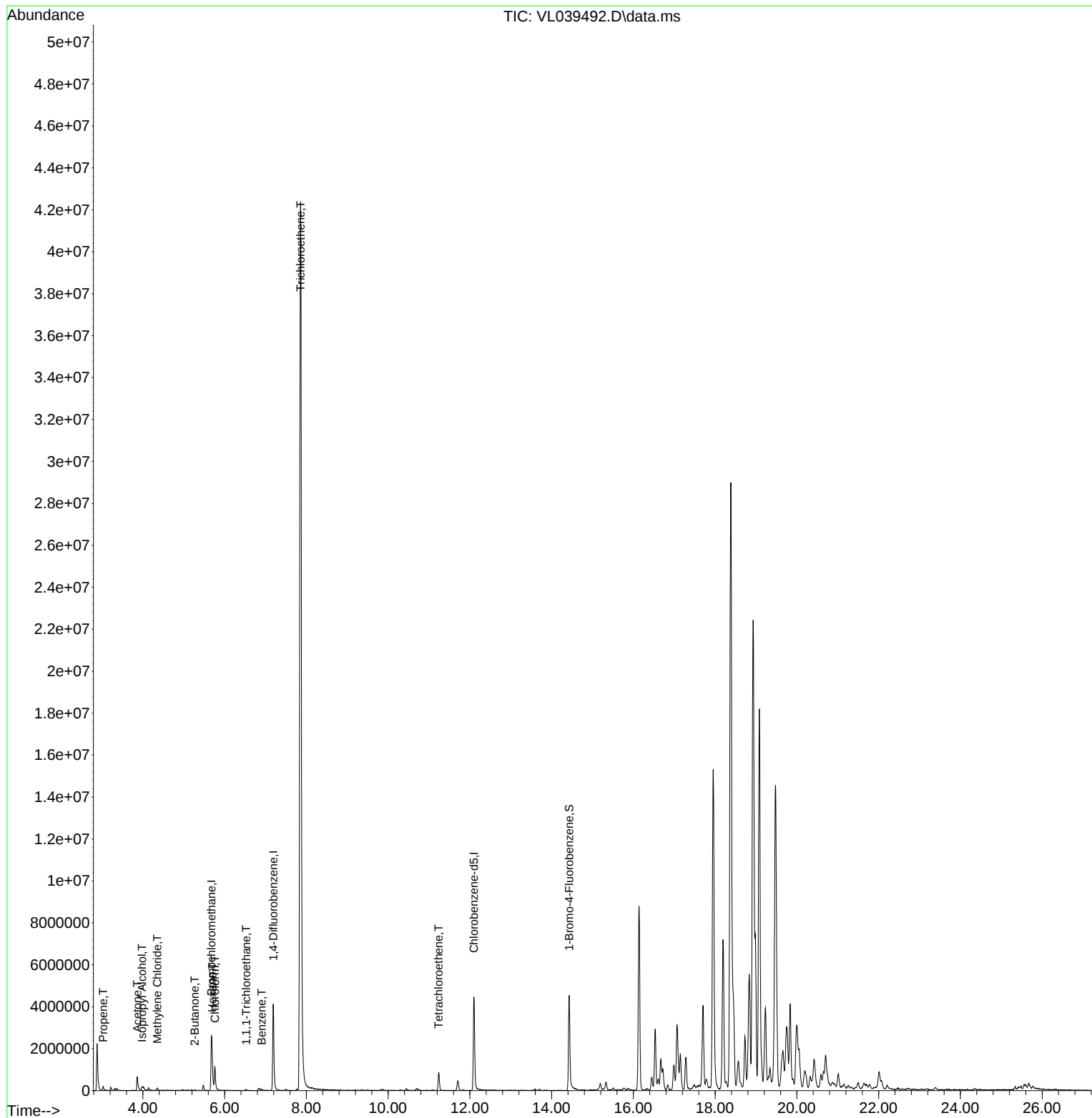
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
Data File : VL039492.D
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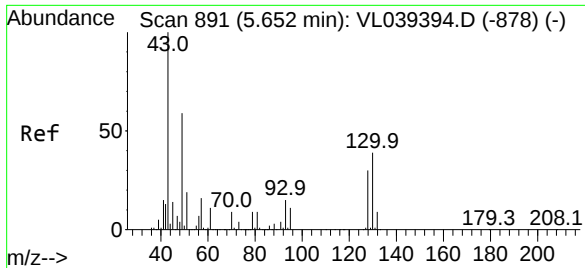
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL

Quant Time: Jul 20 05:42:00 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
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QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022





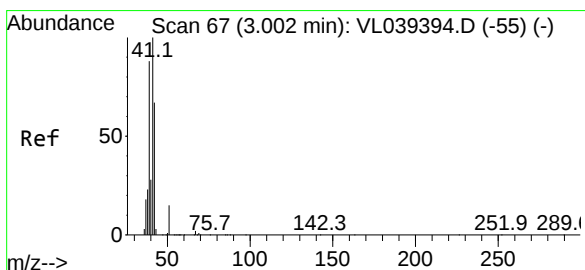
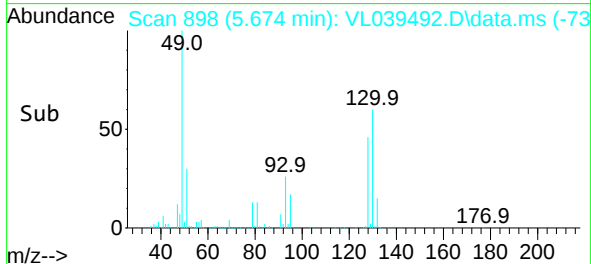
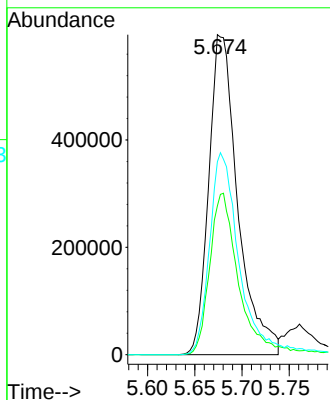
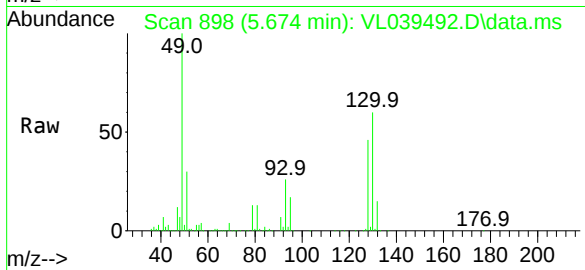
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 891
Delta R.T. 0.022 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL

Tgt Ion: 49 Resp: 127381
Ion Ratio Lower Upper
49 100
128 52.0 26.7 80.0
130 65.3 34.3 102.8

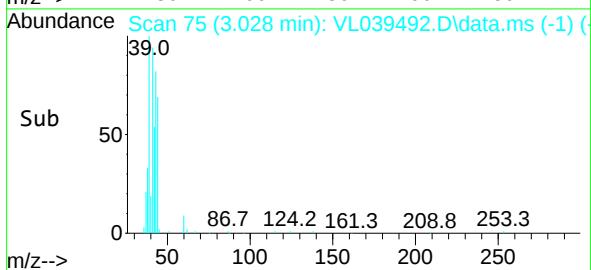
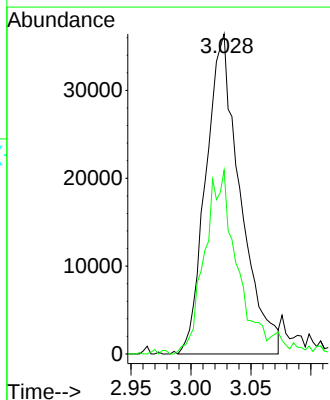
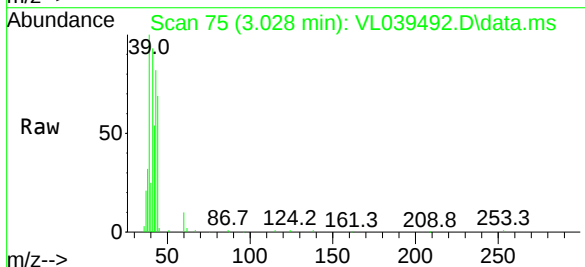
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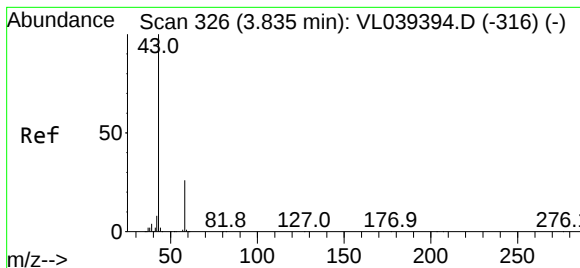
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#9
Propene
Concen: 0.994 ppbv
RT: 3.028 min Scan# 75
Delta R.T. 0.025 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

Tgt Ion: 41 Resp: 72537
Ion Ratio Lower Upper
41 100
42 58.4 55.2 82.8





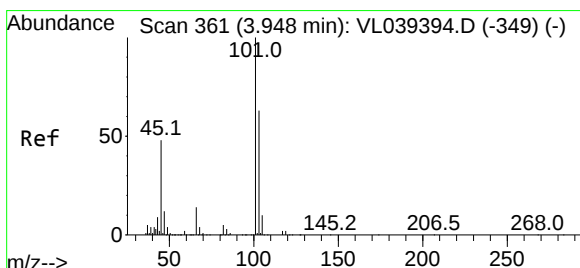
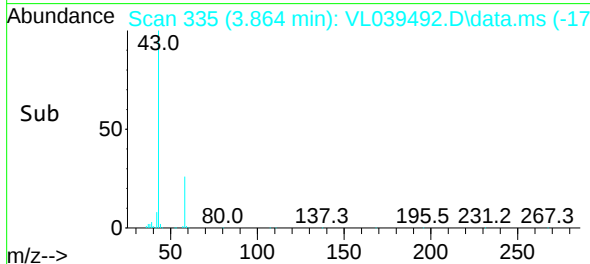
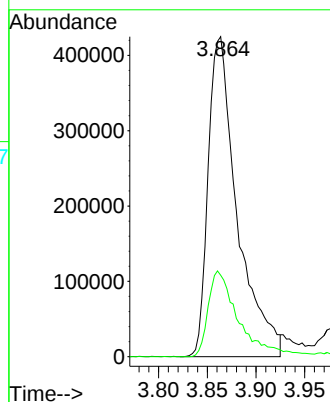
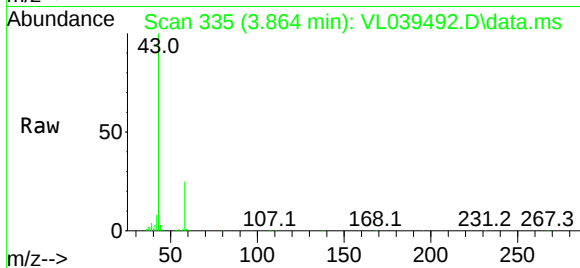
#15
Acetone
Concen: 5.852 ppbv
RT: 3.864 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL

Tgt Ion: 43 Resp: 88190
Ion Ratio Lower Upper
43 100
58 28.2 21.0 31.6

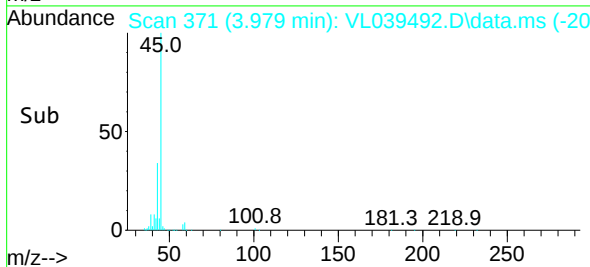
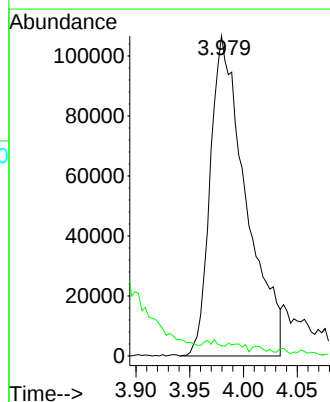
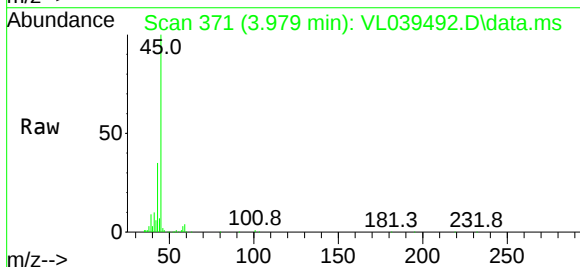
Manual Integrations
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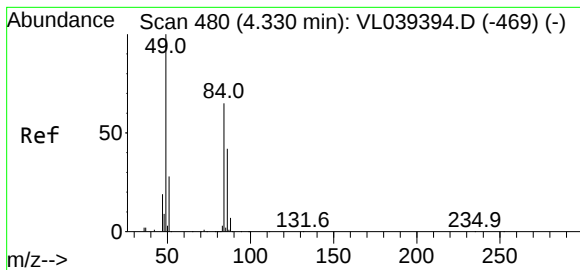
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#19
Isopropyl Alcohol
Concen: 3.063 ppbv
RT: 3.979 min Scan# 371
Delta R.T. 0.032 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

Tgt Ion: 45 Resp: 246221
Ion Ratio Lower Upper
45 100
58 7.6 3.2 4.8





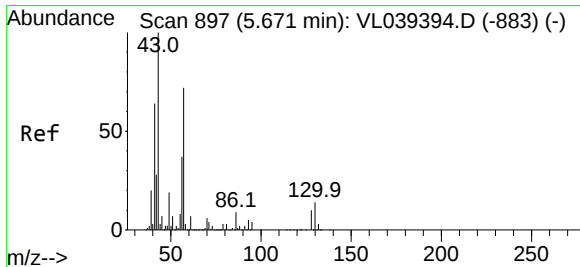
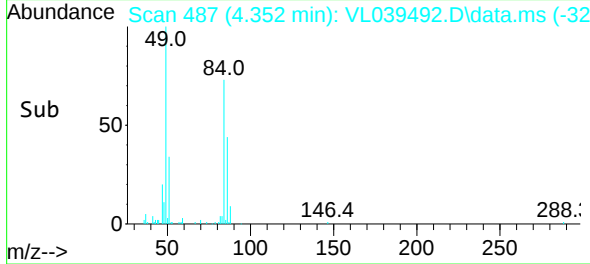
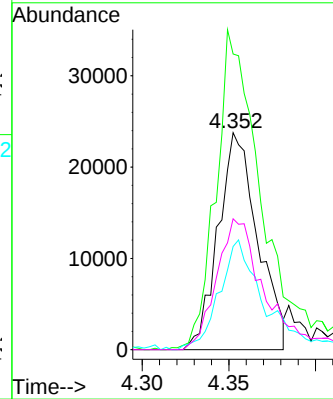
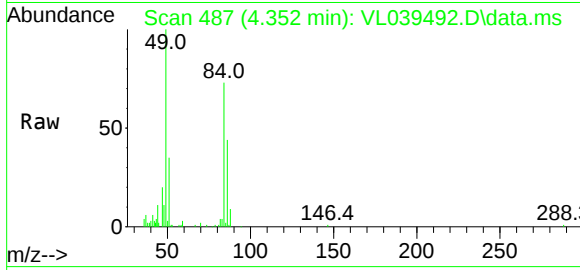
#20
Methylene Chloride
Concen: 0.629 ppbv
RT: 4.352 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL

Tgt Ion:	84	Resp:	3780
Ion	Ratio	Lower	Upper
84	100		
49	134.3	123.1	184.7
51	45.7	34.4	51.6
86	60.3	51.1	76.7

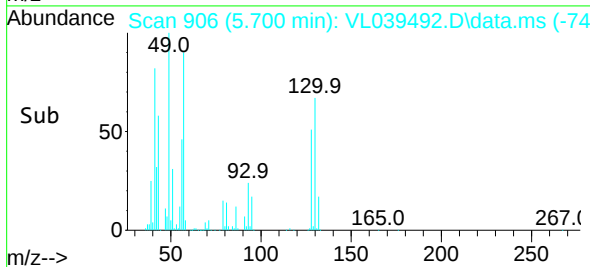
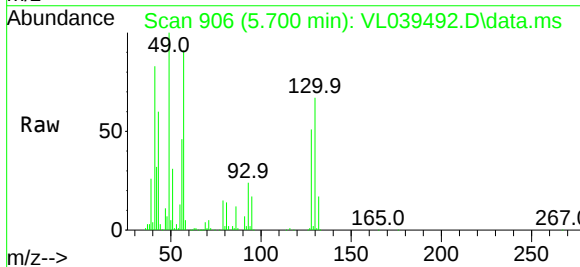
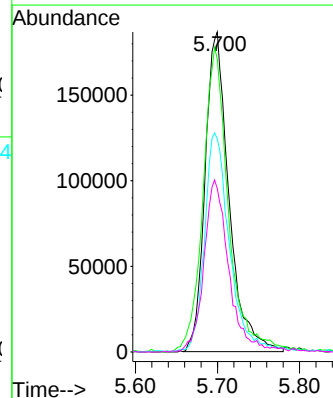
Manual Integrations
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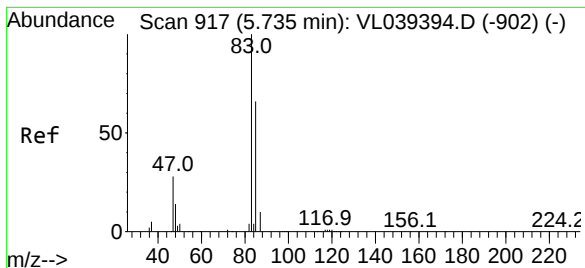
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#26
Hexane
Concen: 3.036 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

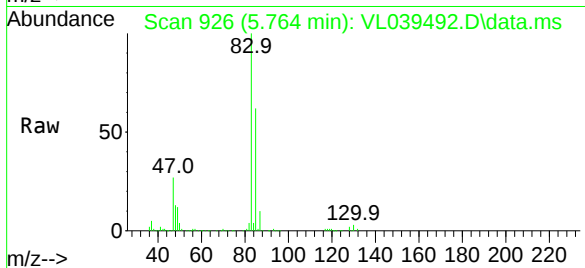
Tgt Ion:	57	Resp:	378190
Ion	Ratio	Lower	Upper
57	100		
41	102.5	76.9	115.3
43	73.1	191.0	286.6#
56	56.8	43.2	64.8





#29
Chloroform
Concen: 3.918 ppbv
RT: 5.764 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

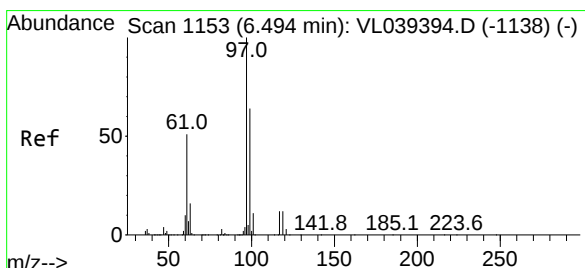
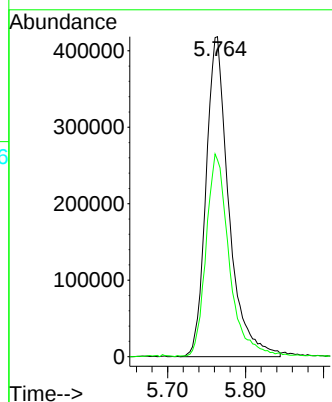
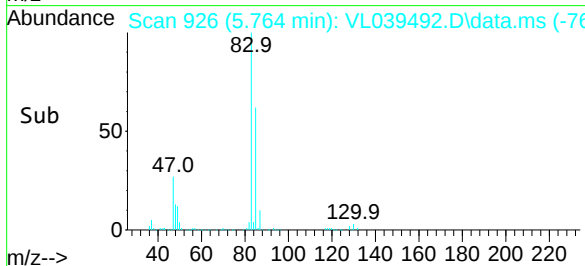
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL



Tgt Ion: 83 Resp: 84868
Ion Ratio Lower Upper
83 100
85 61.3 52.8 79.2

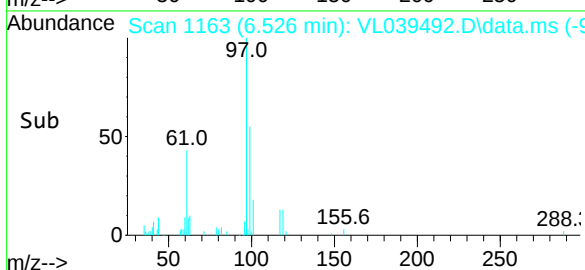
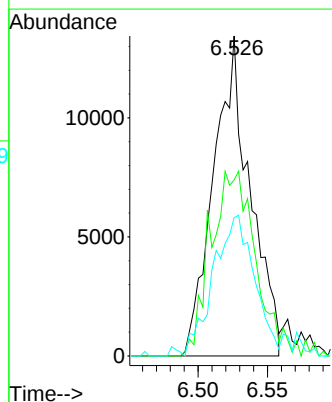
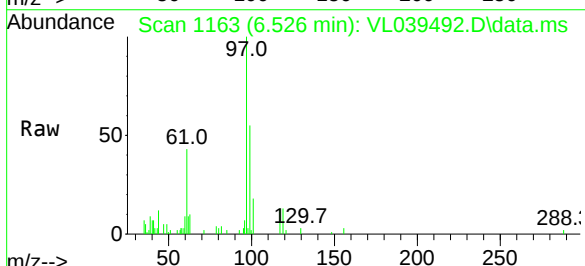
Manual Integrations
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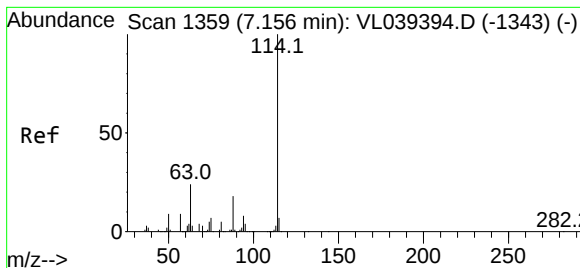
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#32
1,1,1-Trichloroethane
Concen: 0.115 ppbv m
RT: 6.526 min Scan# 1163
Delta R.T. 0.032 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

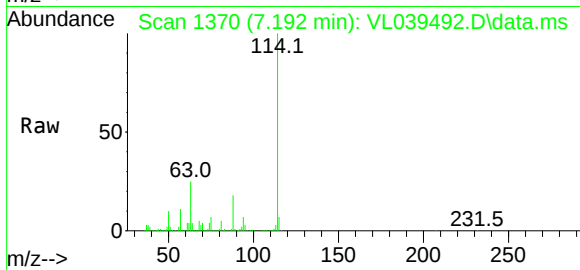
Tgt Ion: 97 Resp: 24685
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 0.0 40.9 61.3#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 114
Delta R.T. 0.035 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

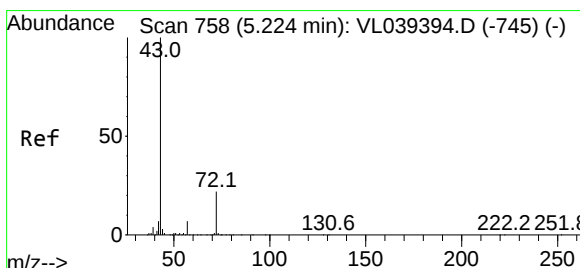
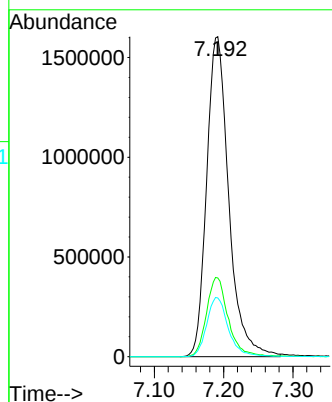
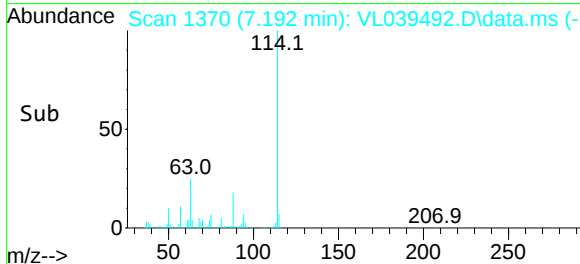
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL



Tgt Ion:114 Resp: 355369
Ion Ratio Lower Upper
114 100
63 24.5 20.2 30.4
88 18.2 14.5 21.7

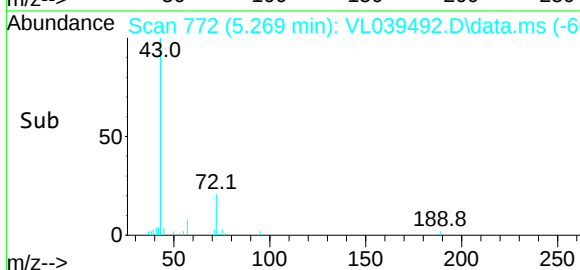
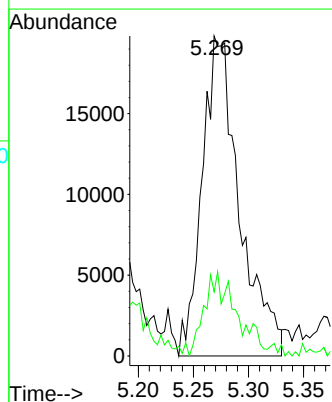
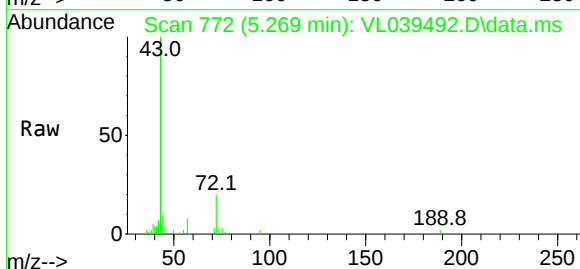
Manual Integrations
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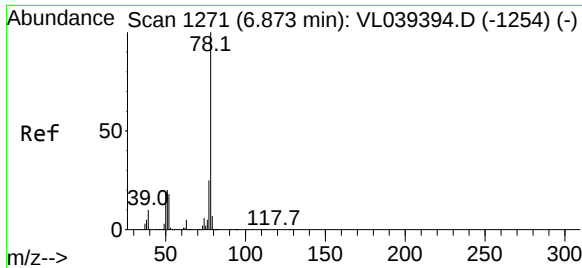
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#34
2-Butanone
Concen: 0.261 ppbv m
RT: 5.269 min Scan# 772
Delta R.T. 0.045 min
Lab File: VL039492.D
Acq: 19 Jul 2022 22:00

Tgt Ion: 43 Resp: 46668
Ion Ratio Lower Upper
43 100
72 23.9 17.9 26.9





#36

Benzene

Concen: 0.124 ppbv

RT: 6.909 min Scan# 1

Delta R.T. 0.035 min

Lab File: VL039492.D

Acq: 19 Jul 2022 22:00

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL

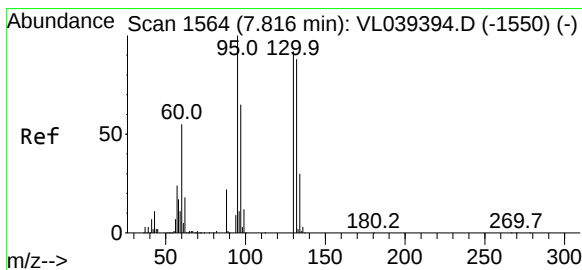
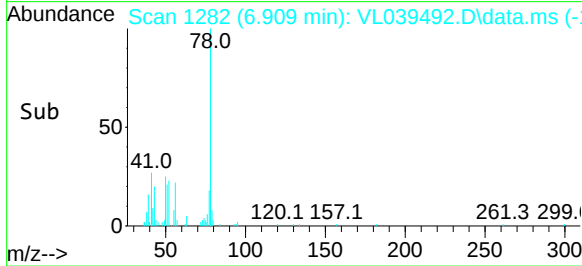
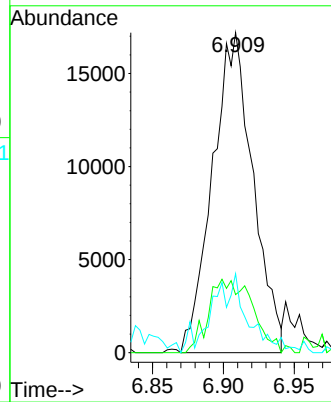
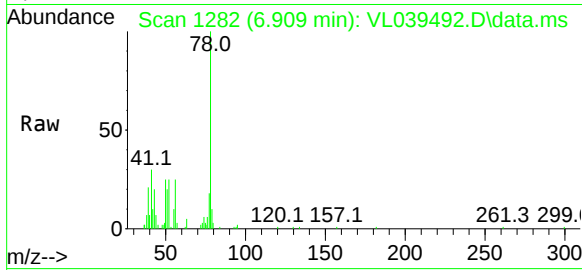
Tgt Ion: 78 Resp: 3419

Ion	Ratio	Lower	Upper
78	100		
77	18.2	20.3	30.5
50	24.7	15.5	23.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#38

Trichloroethene

Concen: 129.121 ppbv m

RT: 7.857 min Scan# 1577

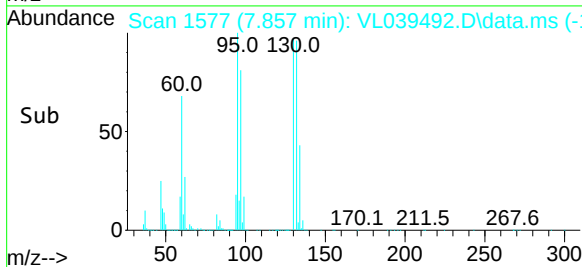
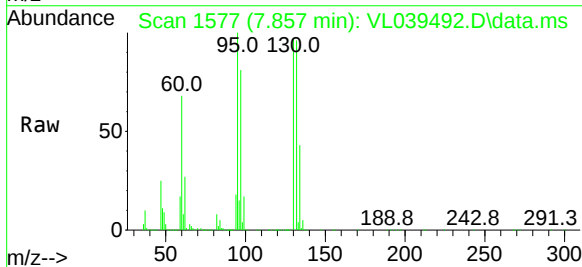
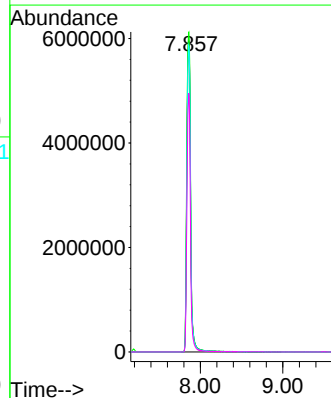
Delta R.T. 0.041 min

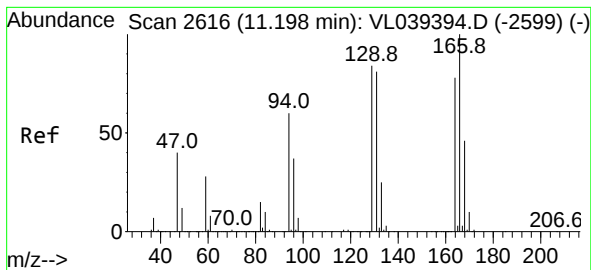
Lab File: VL039492.D

Acq: 19 Jul 2022 22:00

Tgt Ion:130 Resp:19207965

Ion	Ratio	Lower	Upper
130	100		
95	102.7	87.3	130.9
132	98.6	76.7	115.1
97	83.1	56.5	84.7





#52

Tetrachloroethene

Concen: 2.092 ppbv

RT: 11.236 min Scan# 2616

Delta R.T. 0.038 min

Lab File: VL039492.D

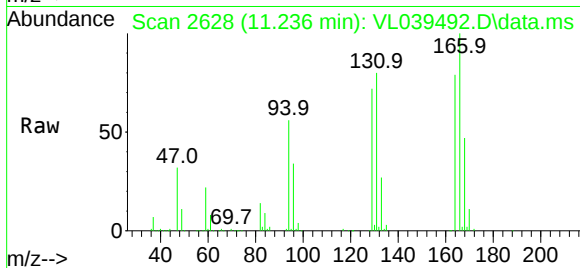
Acq: 19 Jul 2022 22:00

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL



Tgt Ion:164 Resp: 23162

Ion Ratio Lower Upper

164 100

166 127.2 102.2 153.2

129 91.5 85.8 128.8

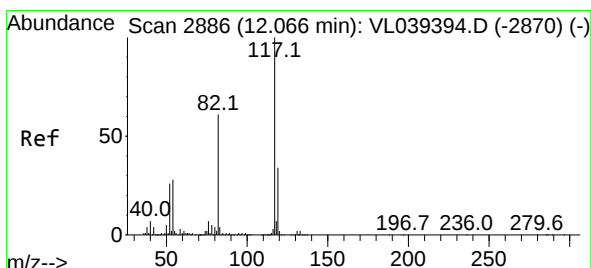
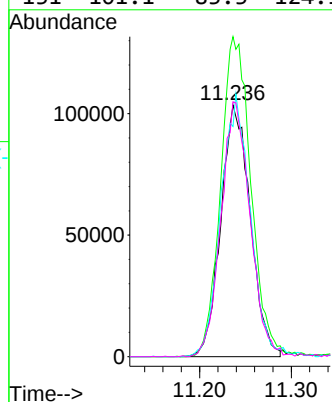
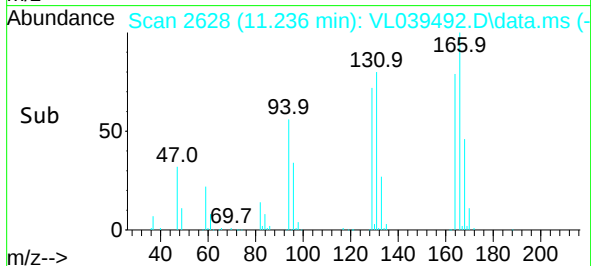
131 101.1 83.3 124.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.098 min Scan# 2896

Delta R.T. 0.032 min

Lab File: VL039492.D

Acq: 19 Jul 2022 22:00

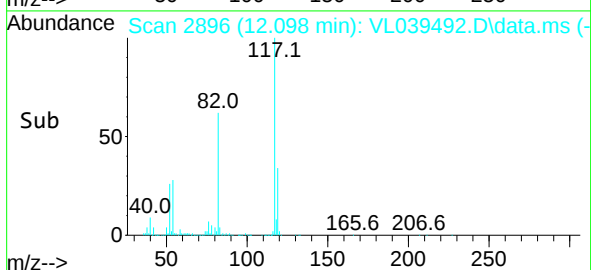
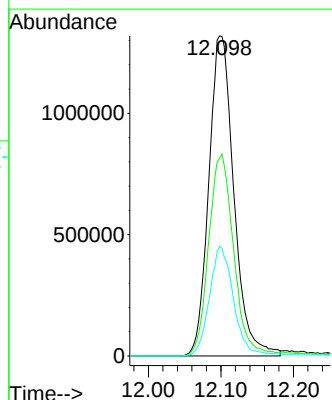
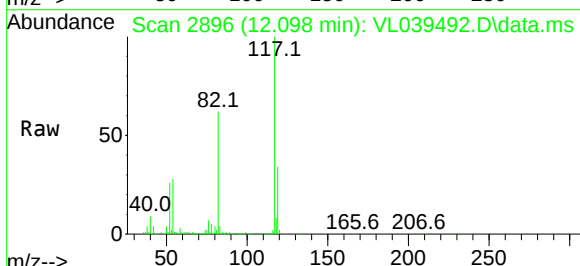
Tgt Ion:117 Resp: 3168677

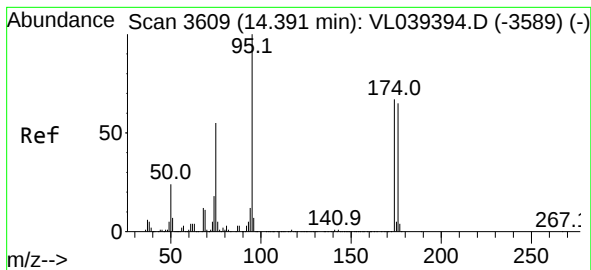
Ion Ratio Lower Upper

117 100

82 64.7 50.8 76.2

119 33.3 24.1 36.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.086 ppbv

RT: 14.429 min Scan# 30

Delta R.T. 0.038 min

Lab File: VL039492.D

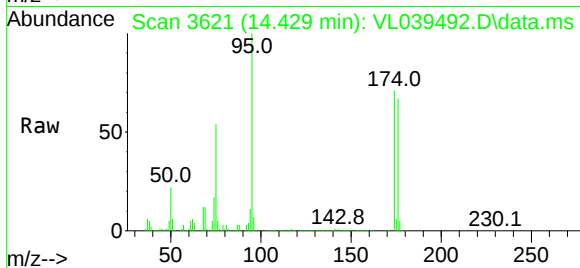
Acq: 19 Jul 2022 22:00

Instrument :

MSVOA_L

ClientSampleId :

SV-4DL



Tgt Ion: 95 Resp: 2370870

Ion Ratio Lower Upper

95 100

174 73.6 55.9 83.9

175 5.5 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022

