

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039439.D
 Acq On : 6 Jul 2022 9:13
 Operator : SY/AP
 Sample : N3214-15 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022

Manual Integrations
 APPROVED

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

Quant Time: Jul 07 02:04:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6
 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	5.677	49	1063206	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	2952521	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2566903	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	1910293	10.032	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.275	62	2598m	0.036	ppbv	
32) 1,1,1-Trichloroethane	6.516	97	5804m	0.033	ppbv	
38) Trichloroethene	7.844	130	4251m	0.034	ppbv	
52) Tetrachloroethene	11.227	164	3154m	0.034	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.693	83	5105m	0.035	ppbv	

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

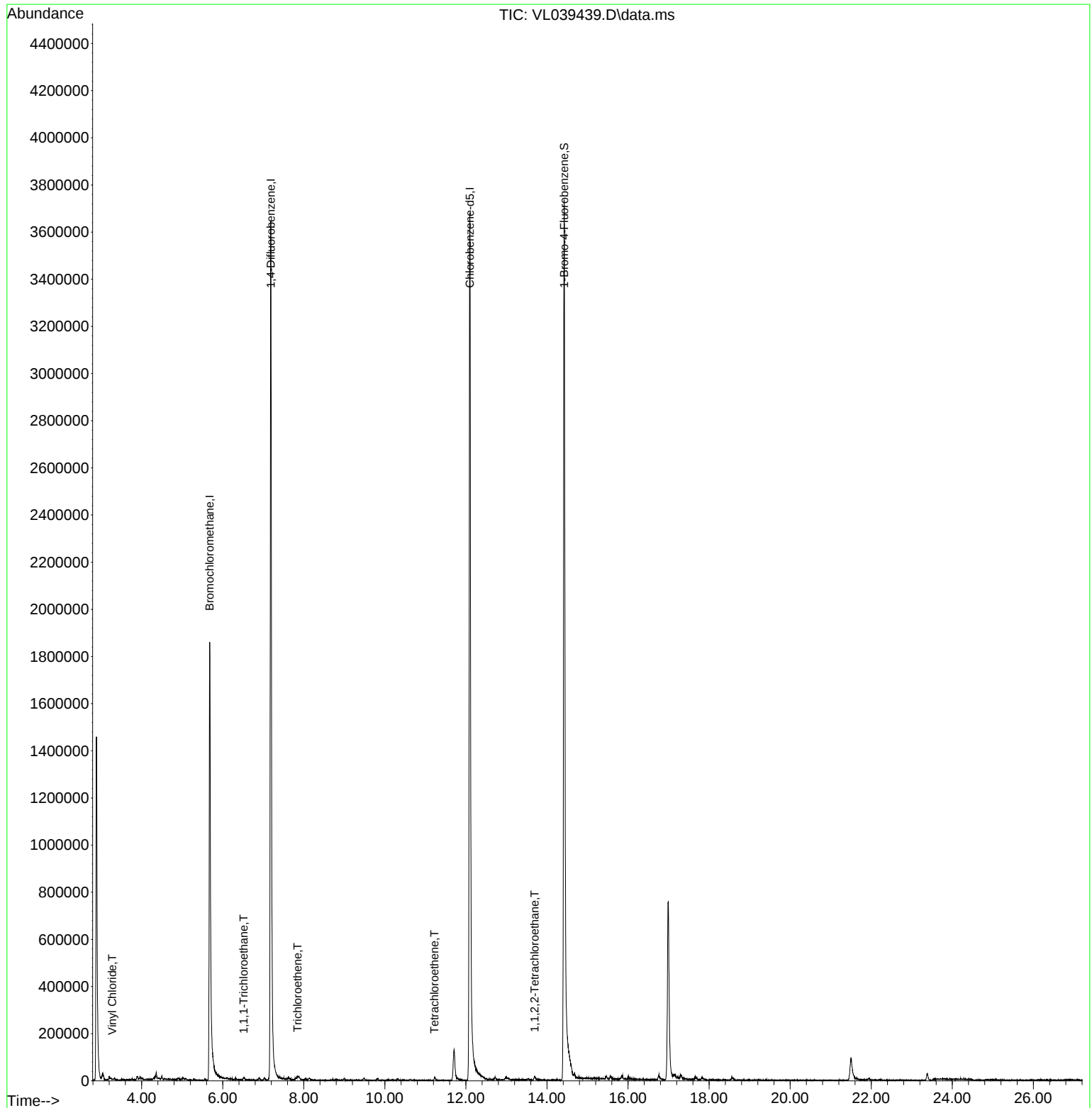
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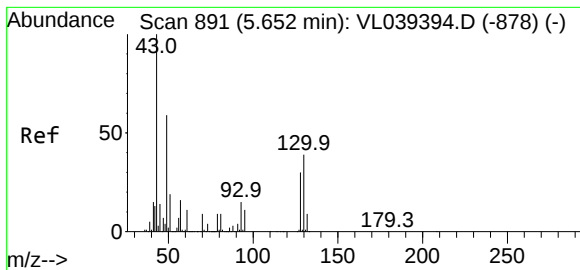
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Quant Time: Jul 07 02:04:31 2022
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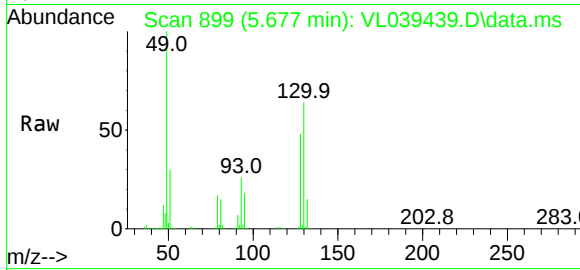
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13

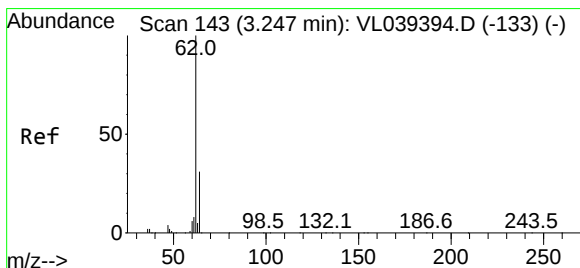
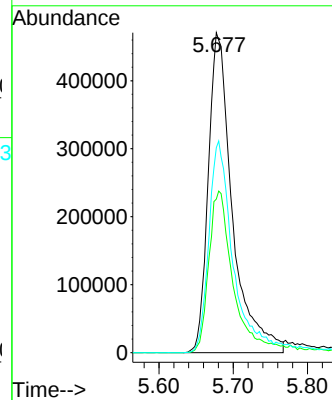
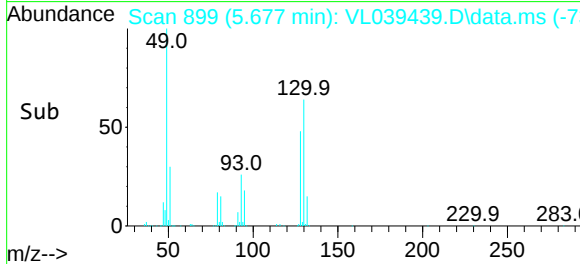
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2022



Tgt Ion: 49 Resp: 1063200
Ion Ratio Lower Upper
49 100
128 53.1 26.7 80.0
130 70.4 34.3 102.8

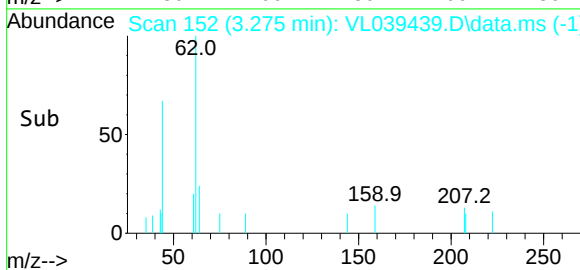
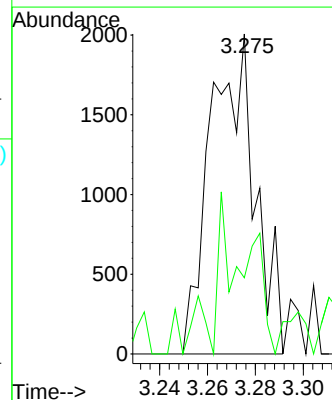
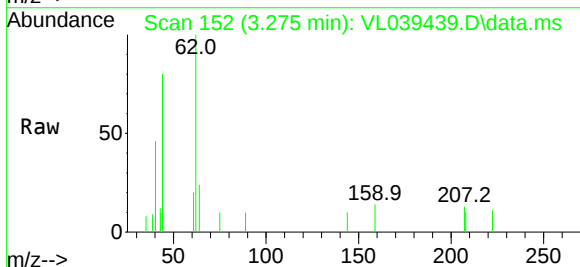
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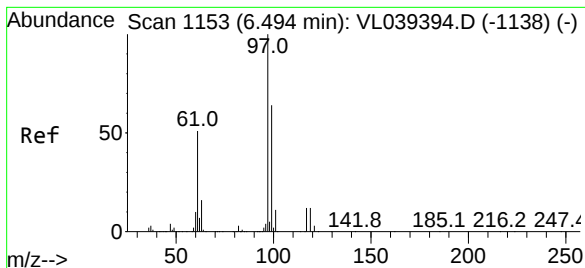
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022



#5
Vinyl Chloride
Concen: 0.036 ppbv m
RT: 3.275 min Scan# 152
Delta R.T. 0.029 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13

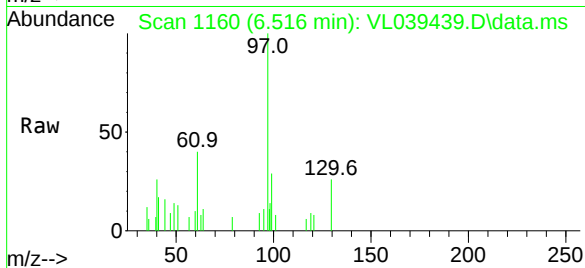
Tgt Ion: 62 Resp: 2598
Ion Ratio Lower Upper
62 100
64 23.8 24.6 36.8





#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv m
RT: 6.516 min Scan# 1153
Delta R.T. 0.022 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13

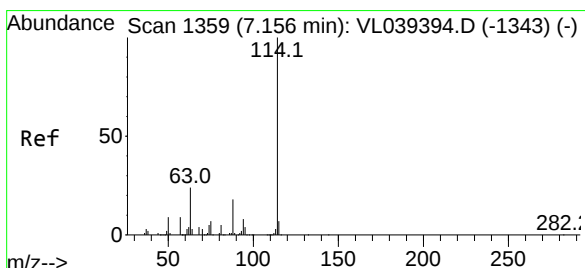
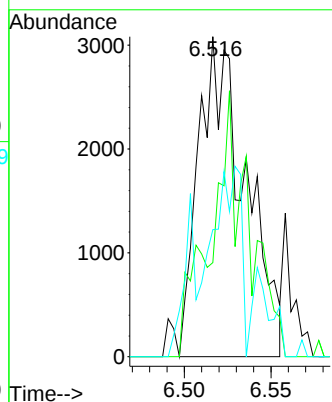
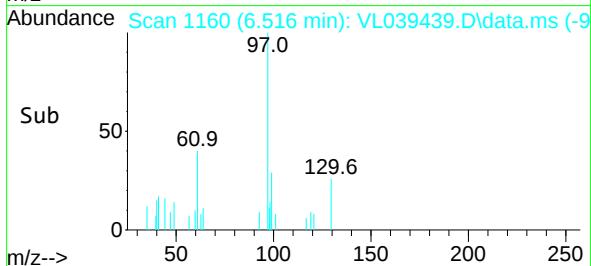
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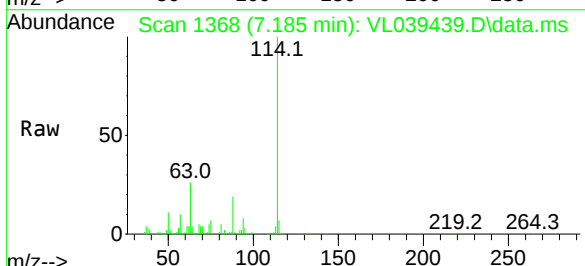
Tgt Ion: 97 Resp: 5804
Ion Ratio Lower Upper
97 100
99 67.3 52.3 78.5
61 59.2 40.9 61.3

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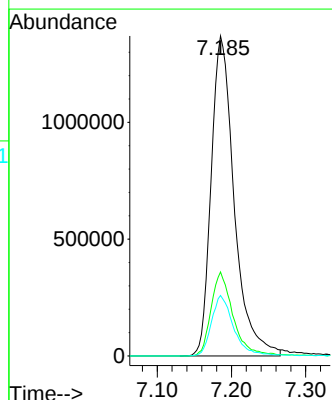
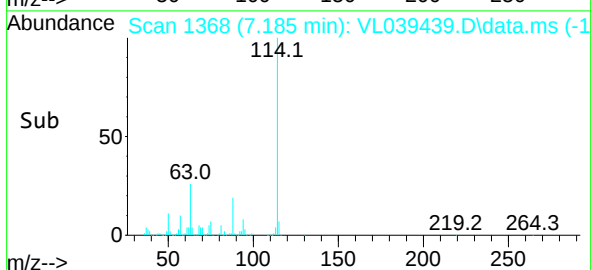
Reviewed By :Semsettin Yesilyurt 07/07/2022
Supervised By :Mahesh Dadoda 07/07/2022

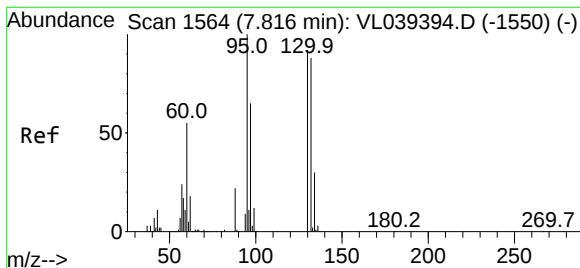


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13



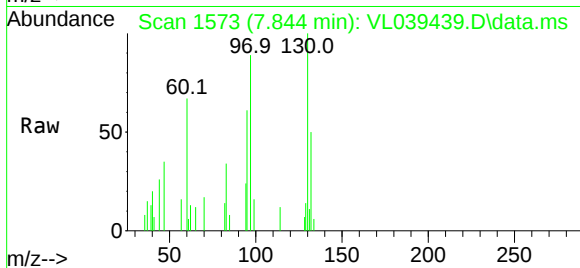
Tgt Ion:114 Resp: 2952521
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.4
88 18.4 14.5 21.7





#38
Trichloroethene
Concen: 0.034 ppbv m
RT: 7.844 min Scan# 1
Delta R.T. 0.029 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13

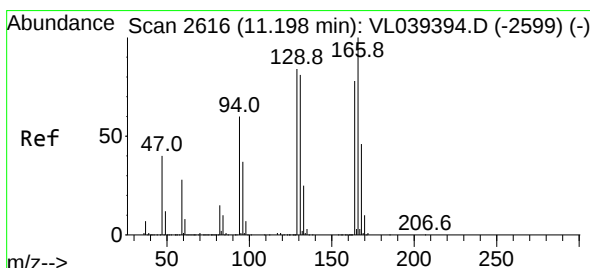
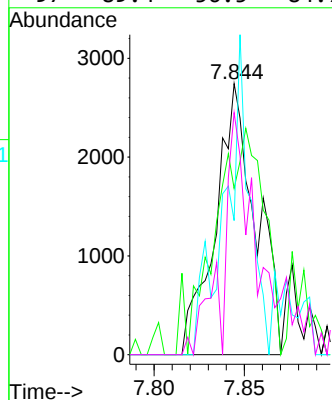
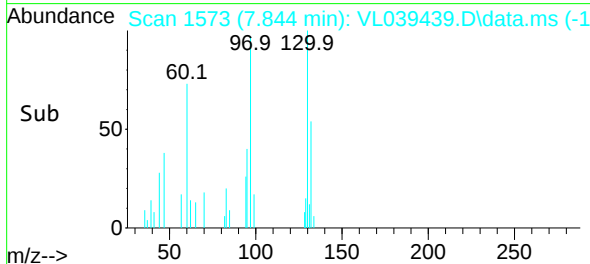
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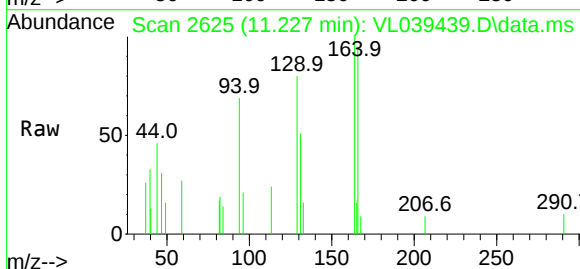
Tgt Ion:130 Resp: 425
Ion Ratio Lower Upper
130 100
95 61.3 87.3 130.9#
132 49.5 76.7 115.1#
97 89.4 56.5 84.7#

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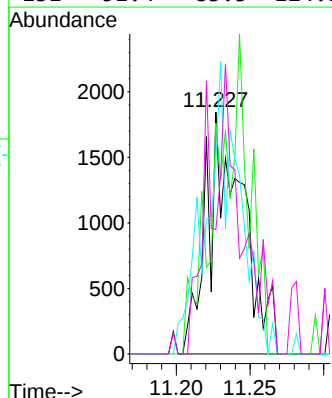
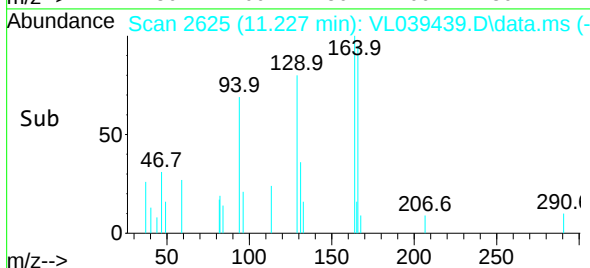
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Supervised By :Mahesh Dadoda 07/07/2022

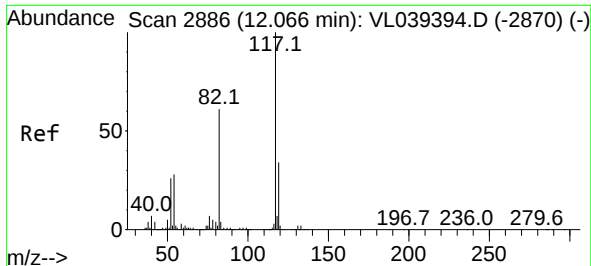


#52
Tetrachloroethene
Concen: 0.034 ppbv m
RT: 11.227 min Scan# 2625
Delta R.T. 0.029 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13



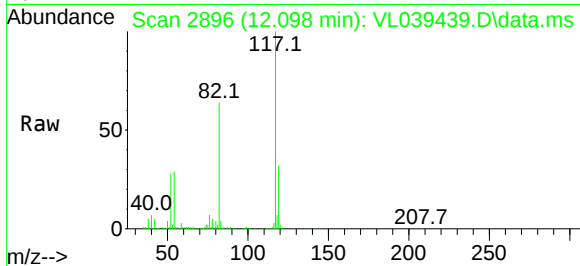
Tgt Ion:164 Resp: 3154
Ion Ratio Lower Upper
164 100
166 95.4 102.2 153.2#
129 80.1 85.8 128.8#
131 51.4 83.3 124.9#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.032 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13

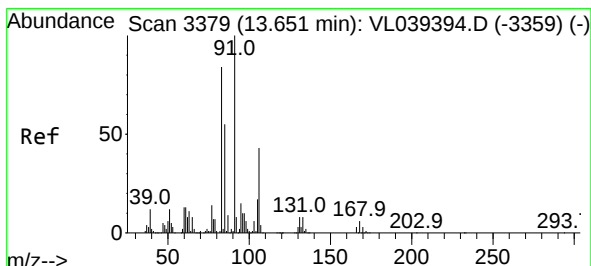
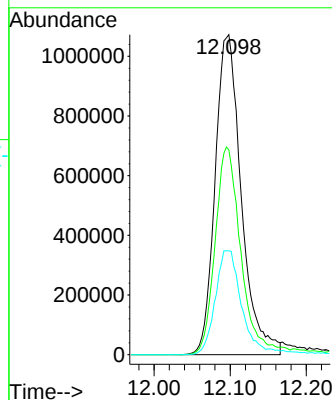
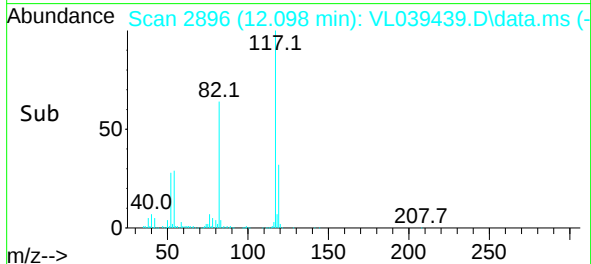
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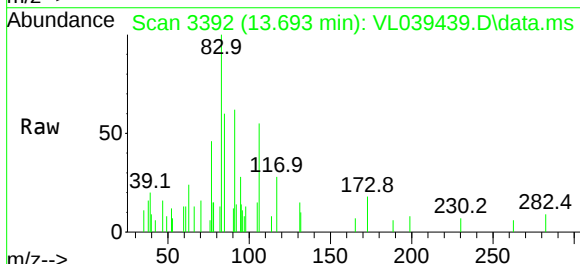
Tgt Ion: 117 Resp: 256690
Ion Ratio Lower Upper
117 100
82 67.2 50.8 76.2
119 34.1 24.1 36.1

Manual Integrations
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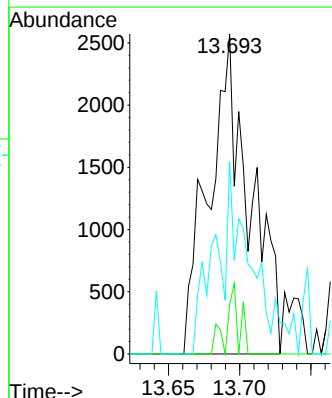
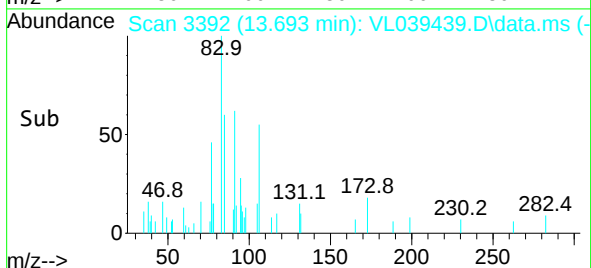
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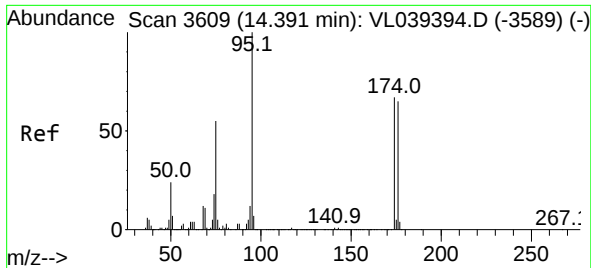


#63
1,1,2,2-Tetrachloroethane
Concen: 0.035 ppbv m
RT: 13.693 min Scan# 3392
Delta R.T. 0.042 min
Lab File: VL039439.D
Acq: 6 Jul 2022 9:13



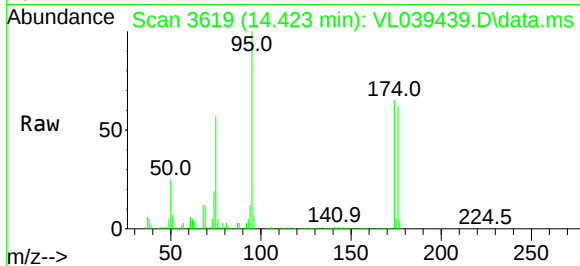
Tgt Ion: 83 Resp: 5105
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.8#
85 58.0 33.1 99.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.032 ppbv
 RT: 14.423 min Scan# 30
 Delta R.T. 0.032 min
 Lab File: VL039439.D
 Acq: 6 Jul 2022 9:13

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2022



Tgt Ion: 95 Resp: 191029

Ion	Ratio	Lower	Upper
95	100		
174	71.3	55.9	83.9
175	5.2	4.2	6.4

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