

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111822\
 Data File : VL039901.D
 Acq On : 18 Nov 2022 11:53
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2022
 Supervised By :Mahesh Dadoda 11/21/2022

Quant Time: Nov 18 12:25:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 18 11:56:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1229803	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3753799	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3305163	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2620506	10.593	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%
Target Compounds						
						Qvalue
5) Vinyl Chloride	2.903	62	2096	0.028	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	7156m	0.037	ppbv	
35) Carbon Tetrachloride	6.481	117	6291m	0.029	ppbv	
38) Trichloroethene	7.282	130	6369m	0.038	ppbv	
52) Tetrachloroethene	10.619	164	4350m	0.037	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.063	83	4977m	0.038	ppbv	

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

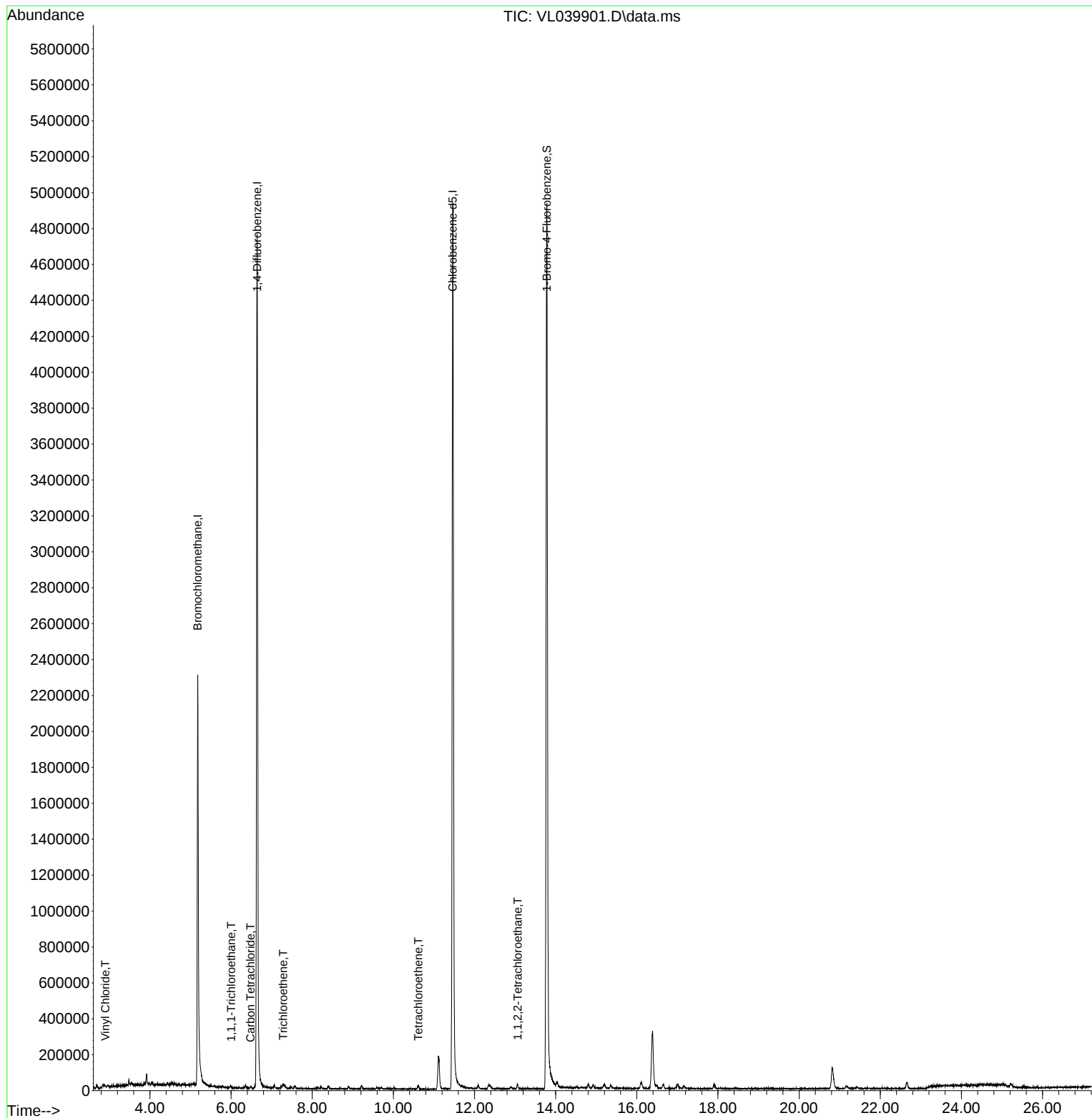
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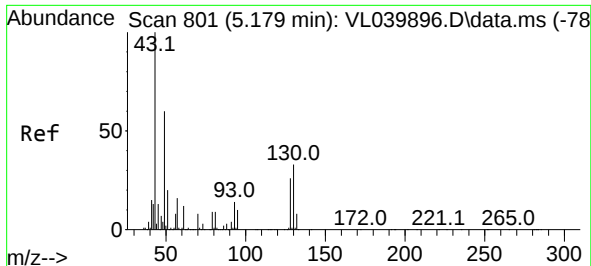
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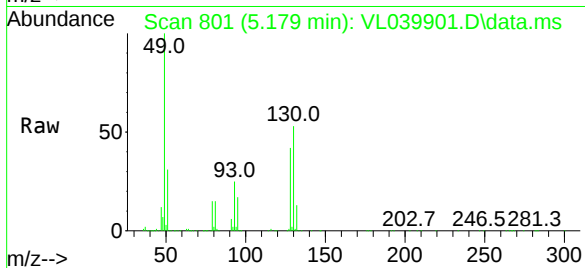
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

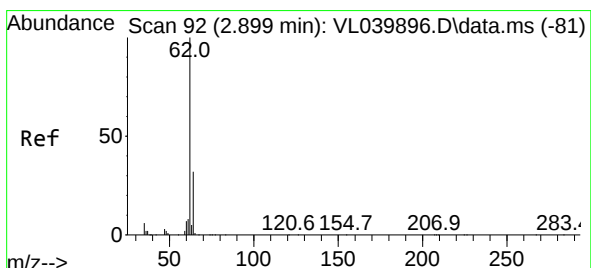
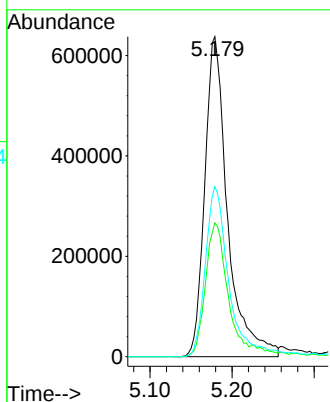
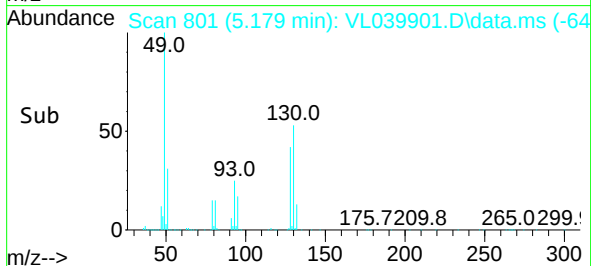
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



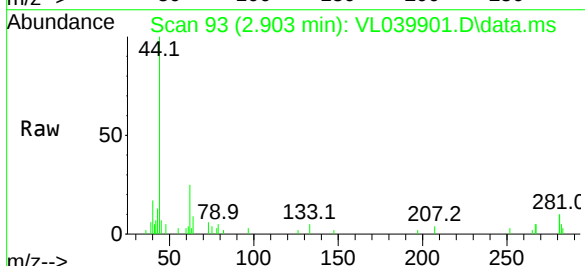
Tgt Ion: 49 Resp: 122980
Ion Ratio Lower Upper
49 100
128 44.2 22.1 66.3
130 56.6 27.7 83.1

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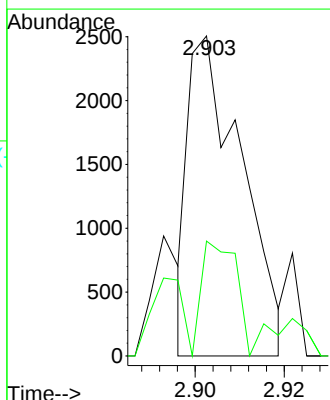
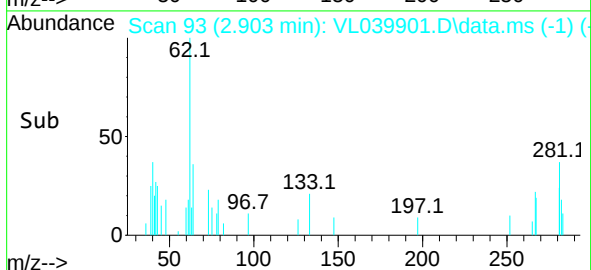
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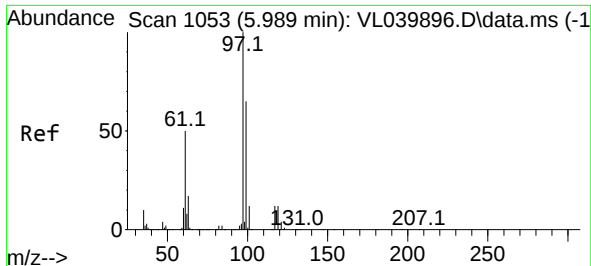


#5
Vinyl Chloride
Concen: 0.028 ppbv
RT: 2.903 min Scan# 93
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53



Tgt Ion: 62 Resp: 2096
Ion Ratio Lower Upper
62 100
64 34.6 25.7 38.5





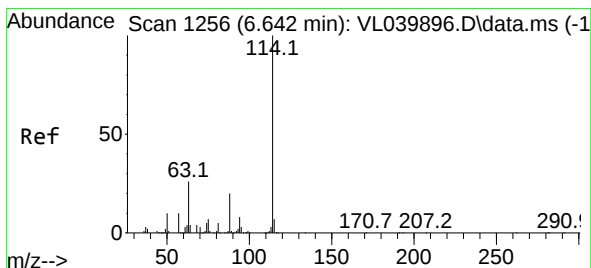
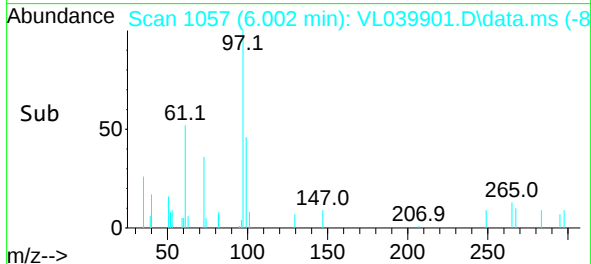
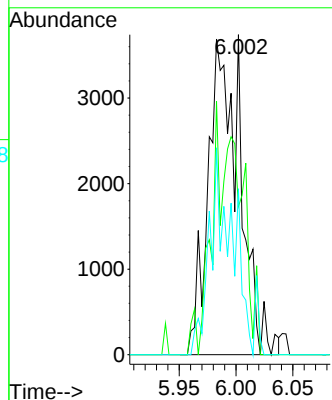
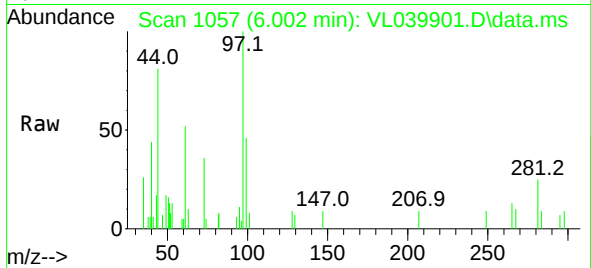
#32
1,1,1-Trichloroethane
Concen: 0.037 ppbv m
RT: 6.002 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 7150
Ion Ratio Lower Upper
97 100
99 72.0 51.4 77.0
61 49.3 40.7 61.1

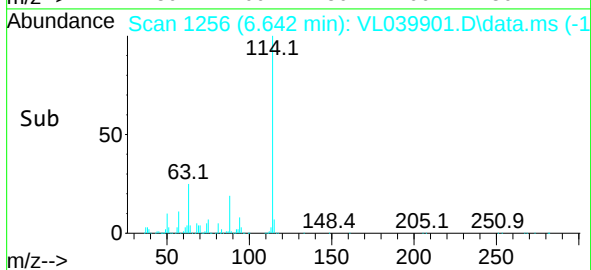
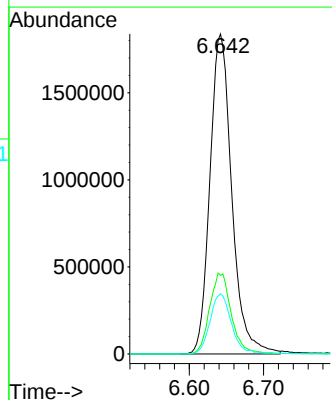
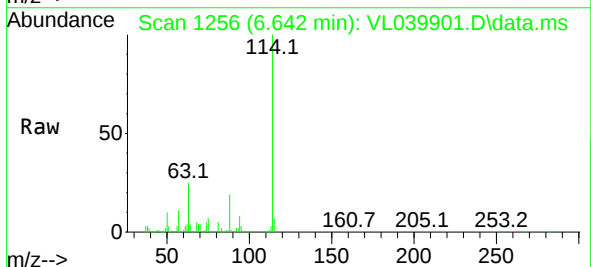
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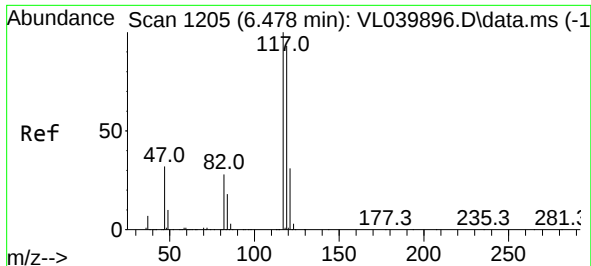
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

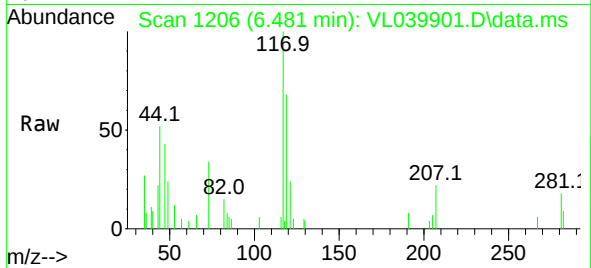
Tgt Ion:114 Resp: 3753799
Ion Ratio Lower Upper
114 100
63 25.3 21.4 32.0
88 18.6 15.3 22.9





#35
Carbon Tetrachloride
Concen: 0.029 ppbv m
RT: 6.481 min Scan# 1206
Delta R.T. 0.003 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

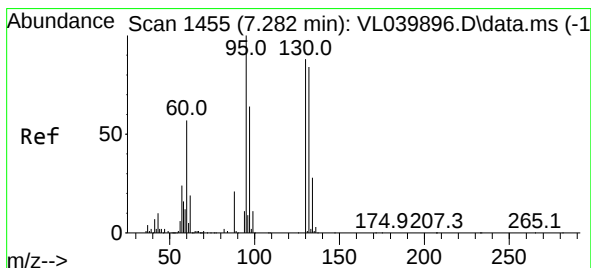
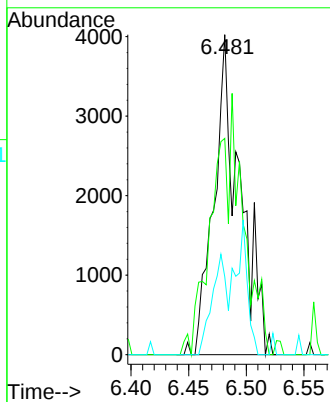
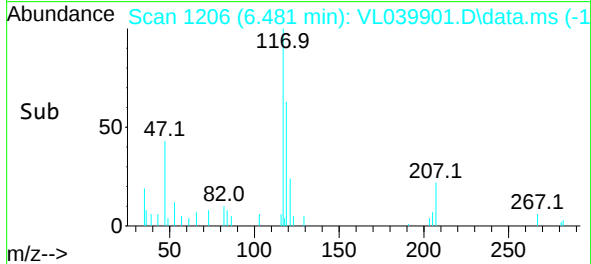
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion:117 Resp: 629
Ion Ratio Lower Upper
117 100
119 67.6 74.7 112.1
121 24.3 24.5 36.7

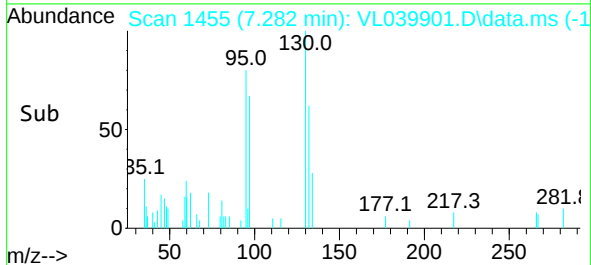
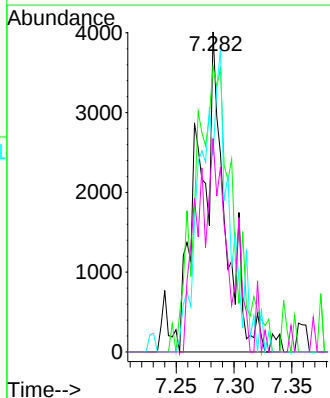
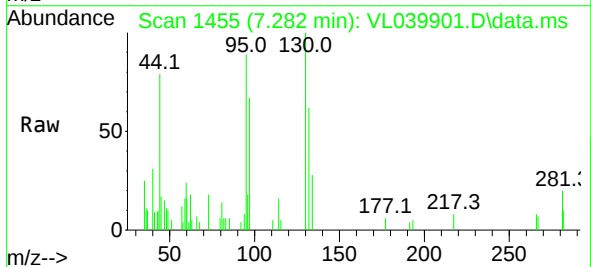
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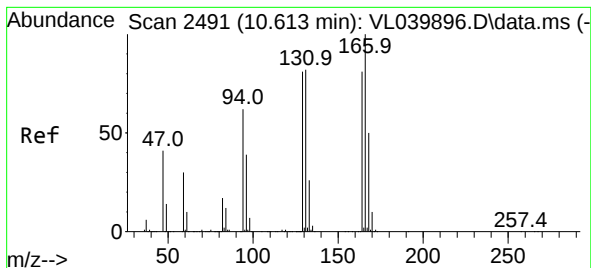
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#38
Trichloroethene
Concen: 0.038 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion:130 Resp: 6369
Ion Ratio Lower Upper
130 100
95 89.3 90.6 135.8#
132 61.5 76.2 114.4#
97 66.7 58.0 87.0





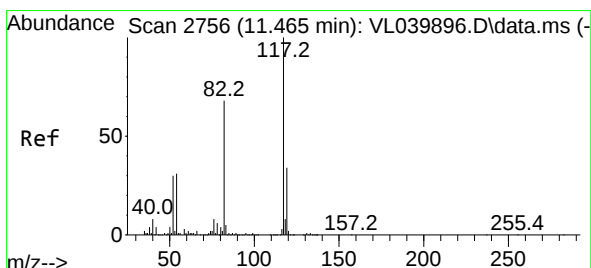
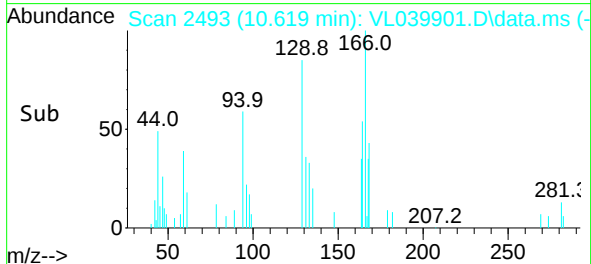
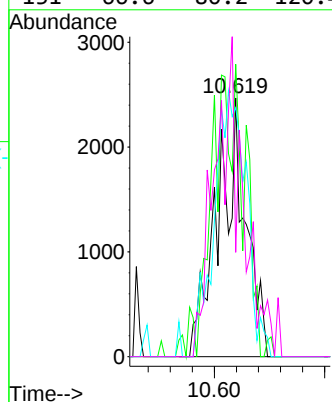
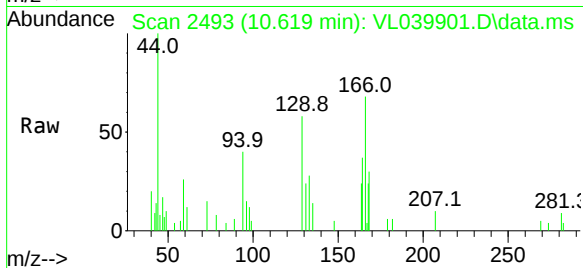
#52
Tetrachloroethene
Concen: 0.037 ppbv m
RT: 10.619 min Scan# 2491
Delta R.T. 0.007 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:164 Resp: 4350
Ion Ratio Lower Upper
164 100
166 186.8 98.3 147.5
129 158.9 79.7 119.5
131 66.6 80.2 120.4

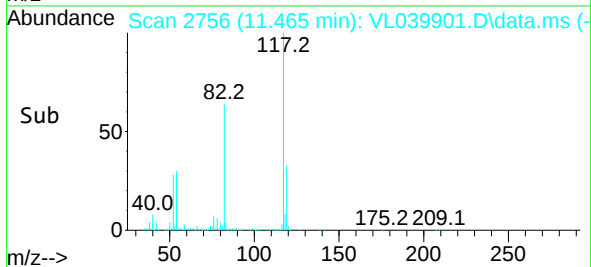
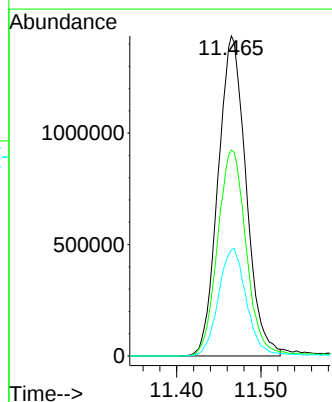
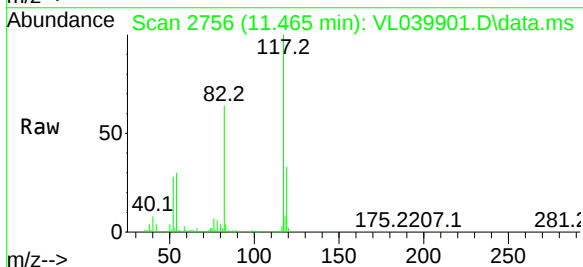
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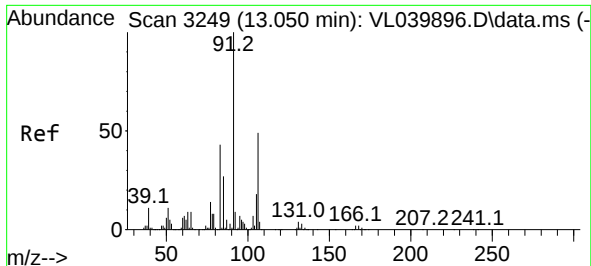
Reviewed By :Semsettin Yesilyurt 11/21/2022
Supervised By :Mahesh Dadoda 11/21/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

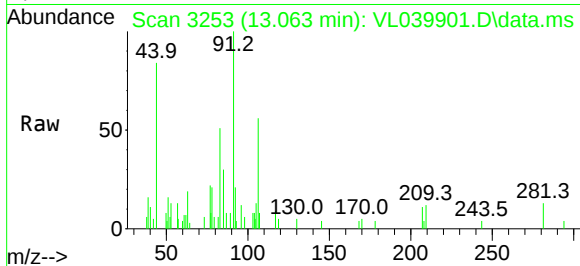
Tgt Ion:117 Resp: 3305163
Ion Ratio Lower Upper
117 100
82 66.9 52.3 78.5
119 34.2 25.7 38.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.038 ppbv m
RT: 13.063 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

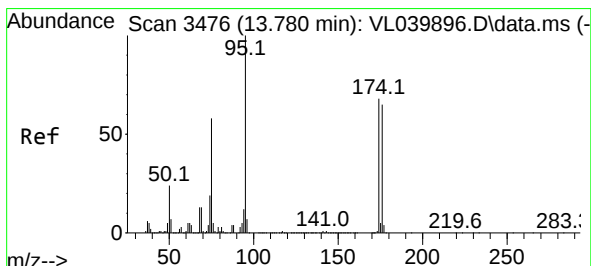
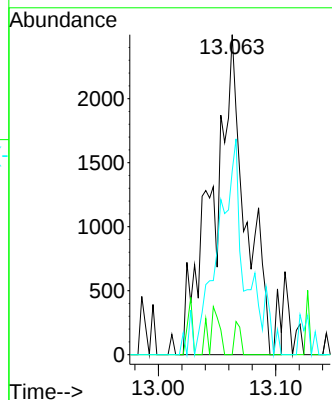
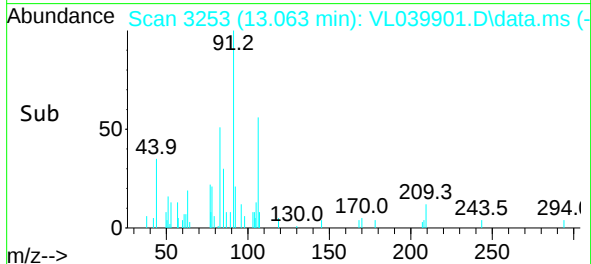
Instrument :
MSVOA_L
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Tgt Ion: 83 Resp: 497
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 0.0 33.0 99.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.593 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VL039901.D
Acq: 18 Nov 2022 11:53

Tgt Ion: 95 Resp: 2620506
Ion Ratio Lower Upper
95 100
174 65.0 53.7 80.5
175 4.8 4.0 6.0

