

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040174.D
 Acq On : 15 Feb 2023 13:37
 Operator : SY/MD
 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 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

Quant Time: Feb 15 14:07:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 15 11:34:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	953199	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2421043	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2148819	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1764622	9.881	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.915	62	1596m	0.027	ppbv	
32) 1,1,1-Trichloroethane	5.986	97	4067m	0.028	ppbv	
35) Carbon Tetrachloride	6.488	117	3514m	0.026	ppbv	
38) Trichloroethene	7.285	130	2587m	0.025	ppbv	
52) Tetrachloroethene	10.629	164	1376m	0.023	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.069	83	2544m	0.034	ppbv	

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

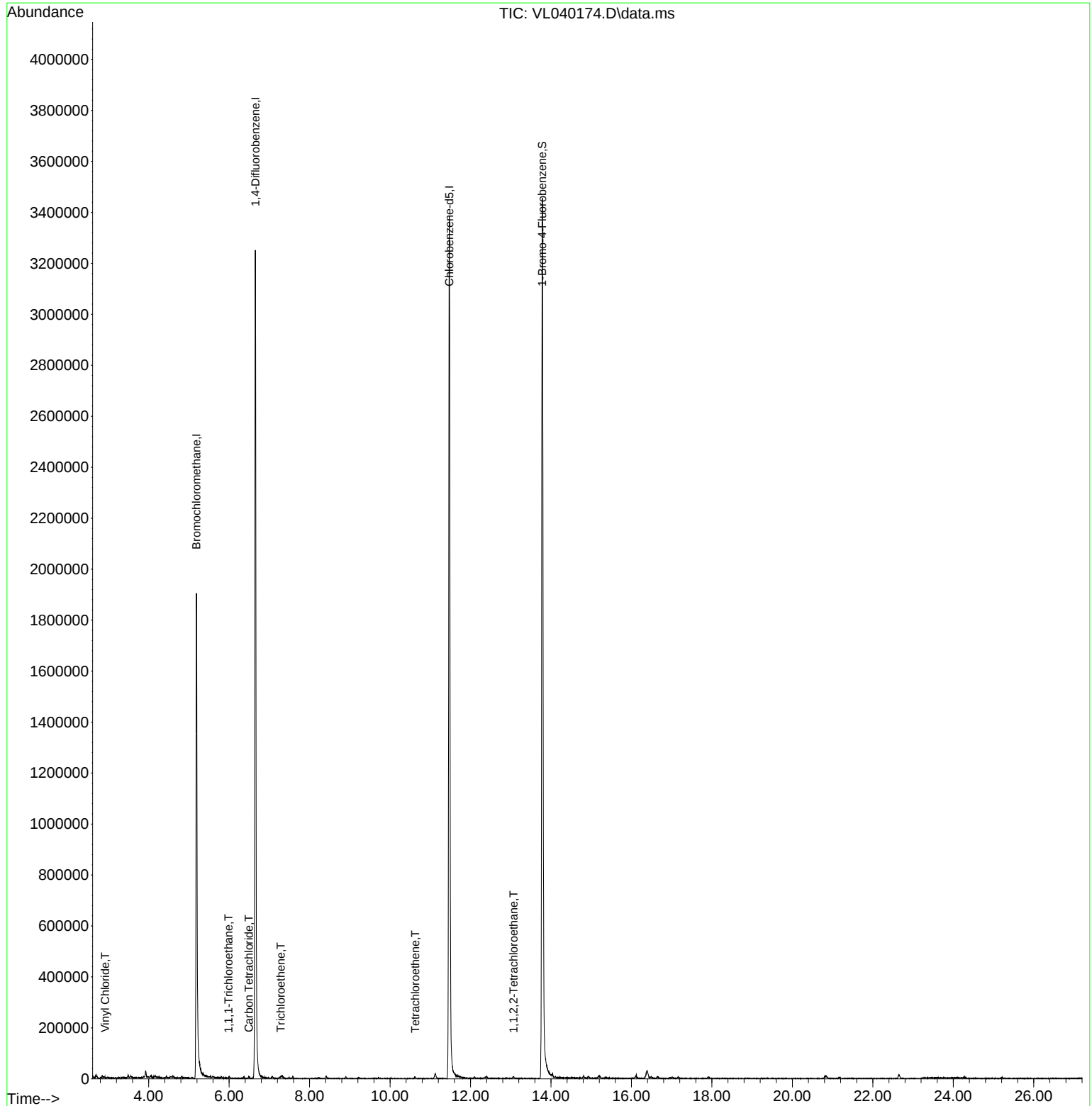
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
Data File : VL040174.D
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Operator : SY/MD
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Misc : 400mL/MSVOA_L
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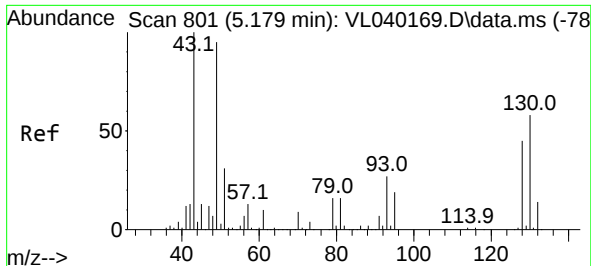
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Feb 15 14:07:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 15 11:34:13 2023
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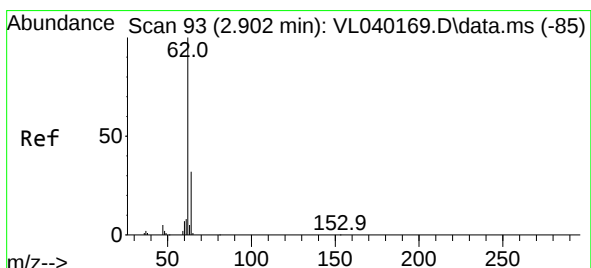
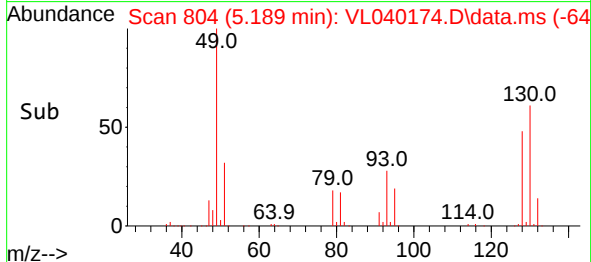
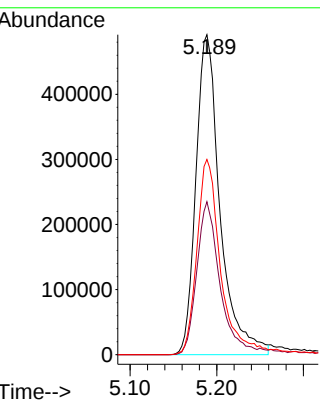
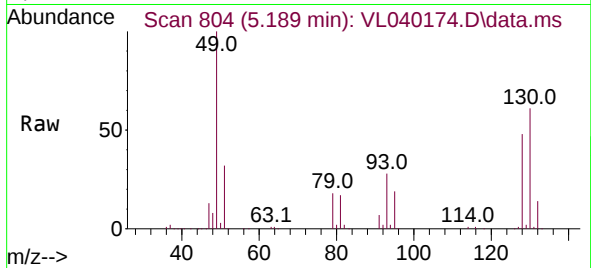
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

Tgt Ion: 49 Resp: 95319
Ion Ratio Lower Upper
49 100
128 48.7 24.1 72.3
130 61.7 30.9 92.8

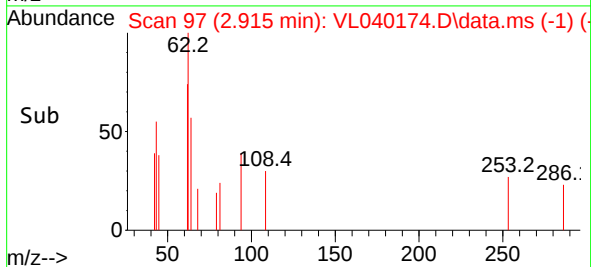
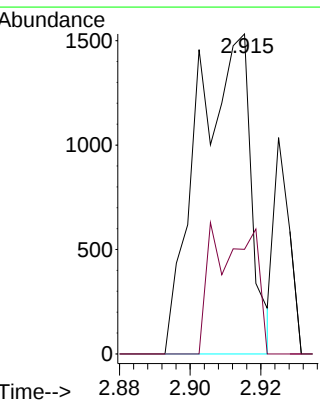
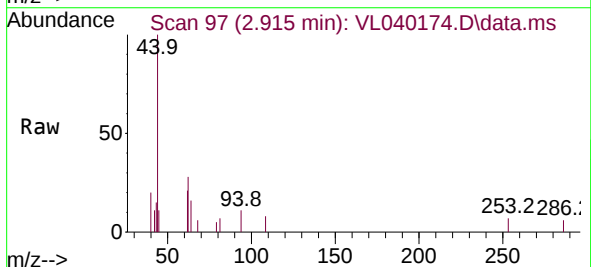
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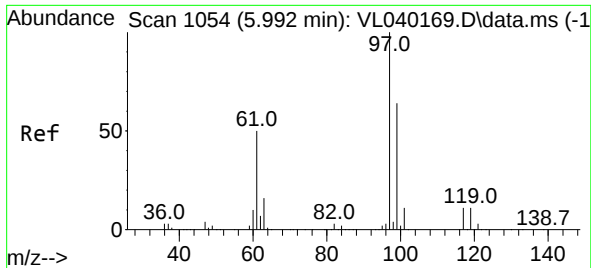
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#5
Vinyl Chloride
Concen: 0.027 ppbv m
RT: 2.915 min Scan# 97
Delta R.T. 0.013 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

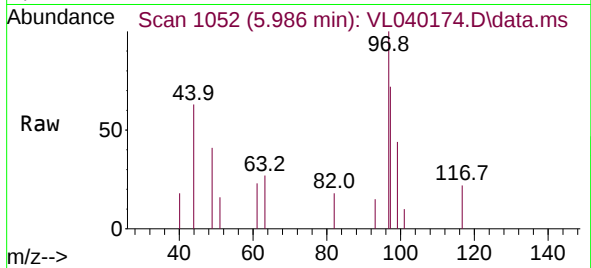
Tgt Ion: 62 Resp: 1596
Ion Ratio Lower Upper
62 100
64 57.0 25.6 38.4#





#32
1,1,1-Trichloroethane
Concen: 0.028 ppbv m
RT: 5.986 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

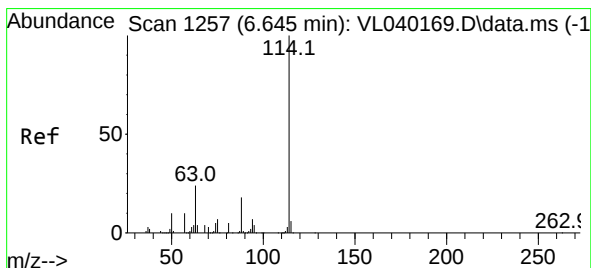
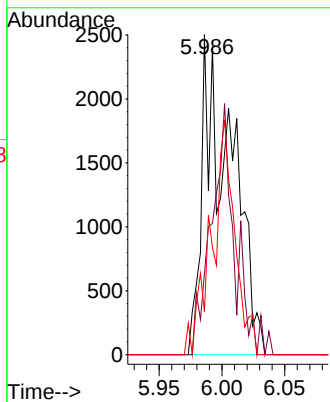
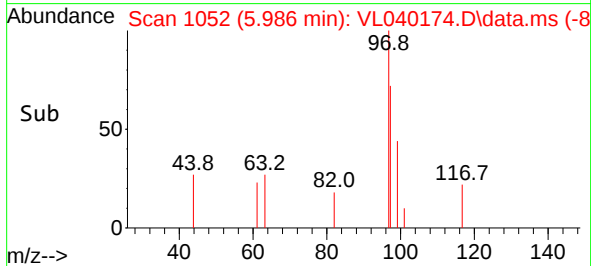
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



Tgt Ion: 97 Resp: 406
Ion Ratio Lower Upper
97 100
99 62.2 51.5 77.3
61 58.2 40.6 60.8

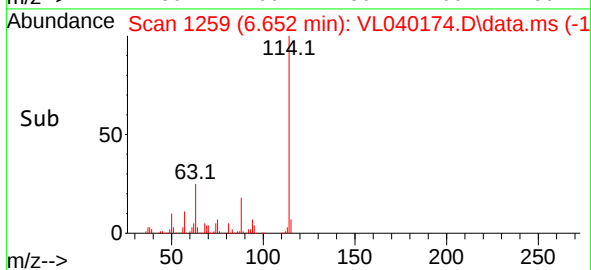
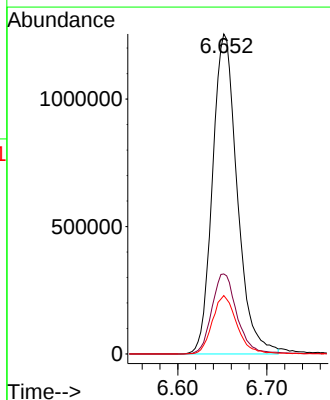
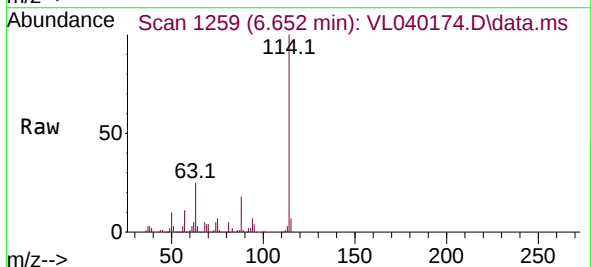
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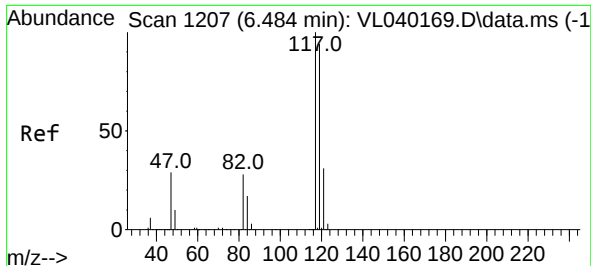
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

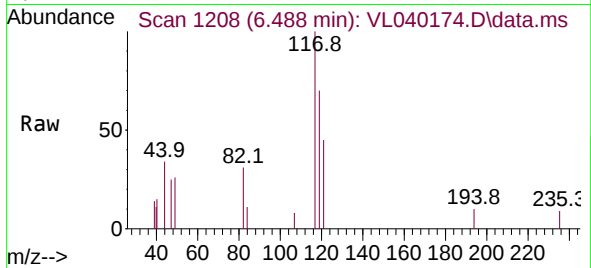
Tgt Ion:114 Resp: 2421043
Ion Ratio Lower Upper
114 100
63 25.7 20.4 30.6
88 18.2 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.026 ppbv m
RT: 6.488 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

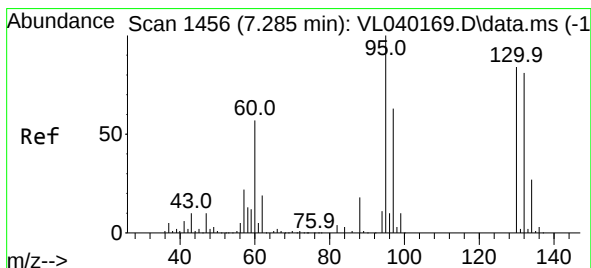
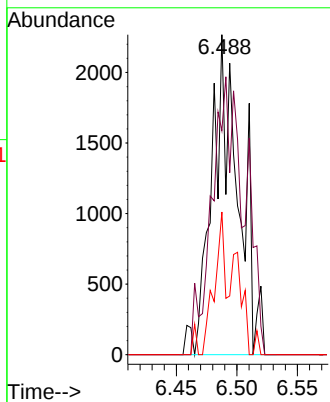
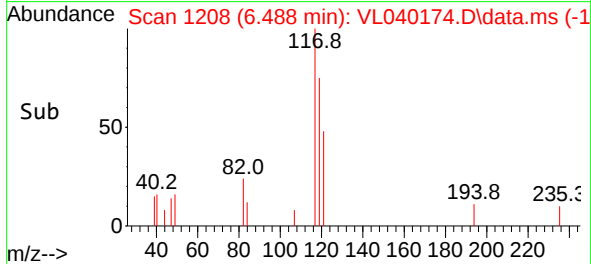
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion:117 Resp: 3514
Ion Ratio Lower Upper
117 100
119 70.0 75.0 112.6
121 44.6 25.0 37.4

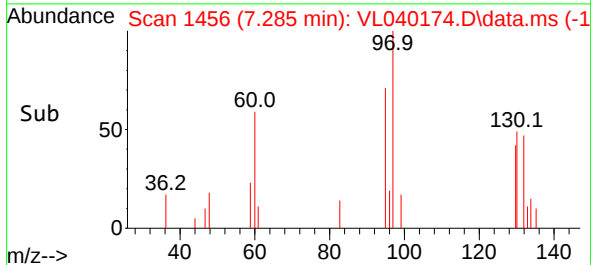
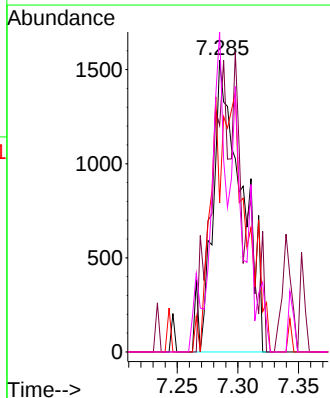
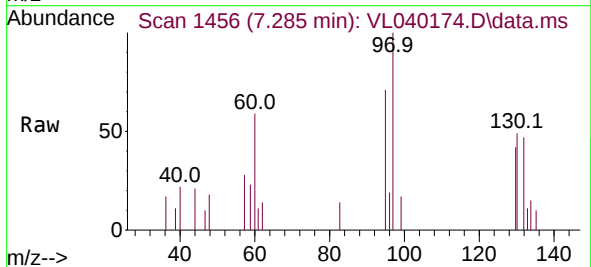
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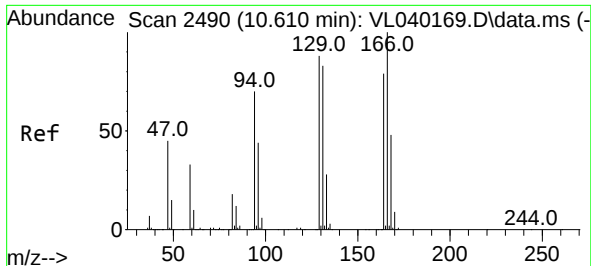
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Trichloroethene
Concen: 0.025 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

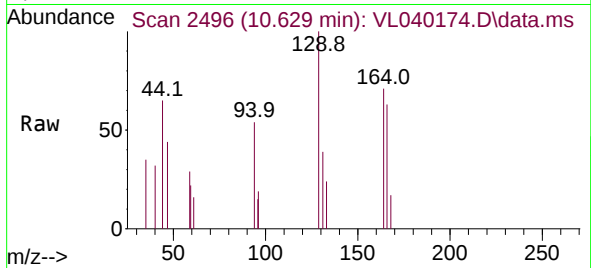
Tgt Ion:130 Resp: 2587
Ion Ratio Lower Upper
130 100
95 143.9 94.7 142.1#
132 94.7 76.4 114.6
97 203.3 59.8 89.6#





#52
Tetrachloroethene
Concen: 0.023 ppbv m
RT: 10.629 min Scan# 2490
Delta R.T. 0.019 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

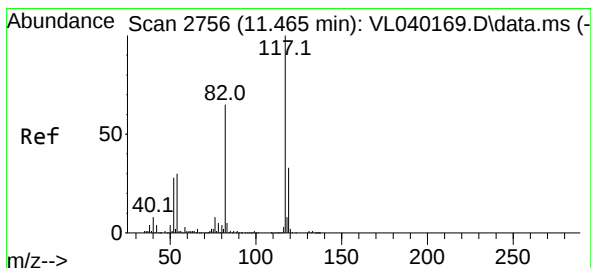
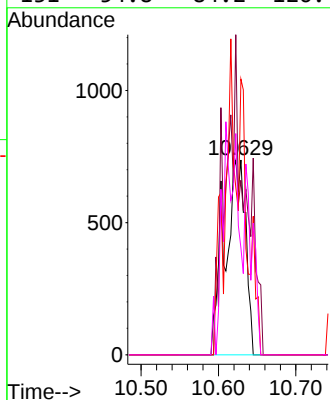
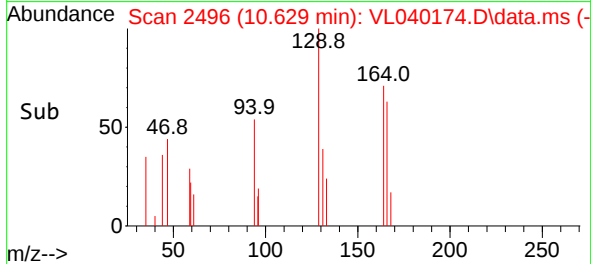
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MSVOA_L
ClientSampleId :
VSTDICC0.03



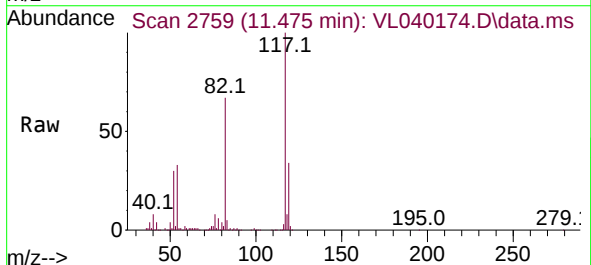
Tgt Ion:164 Resp: 1370
Ion Ratio Lower Upper
164 100
166 89.6 101.5 152.3
129 141.5 89.0 133.4
131 54.8 84.2 126.4

Manual Integrations
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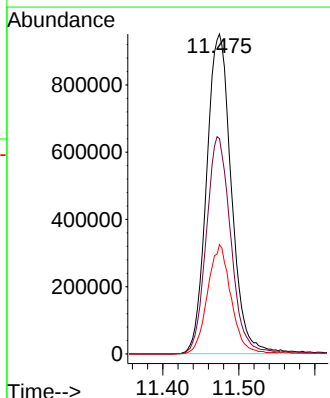
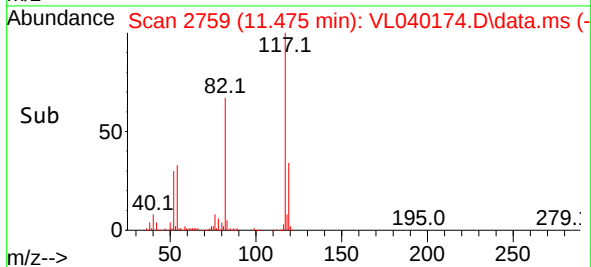
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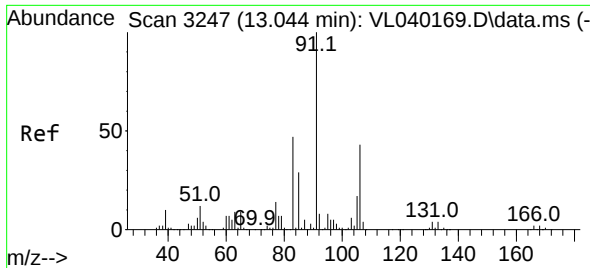


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.010 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37



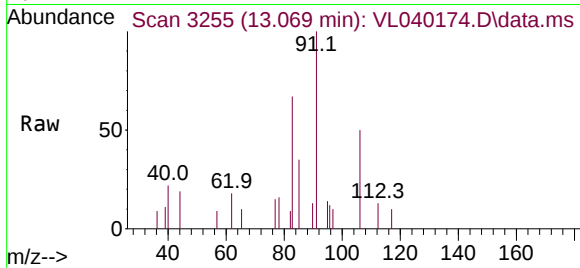
Tgt Ion:117 Resp: 2148819
Ion Ratio Lower Upper
117 100
82 68.4 53.3 79.9
119 33.2 24.6 37.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.034 ppbv m
RT: 13.069 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37

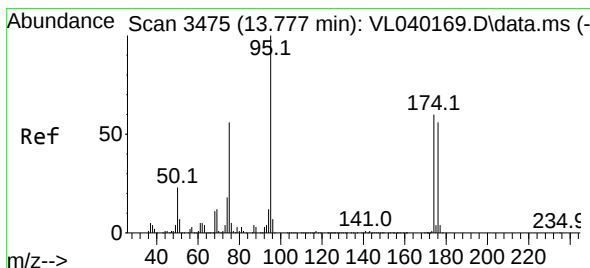
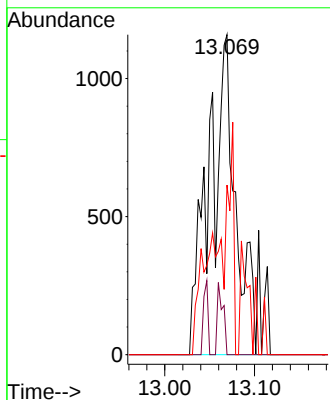
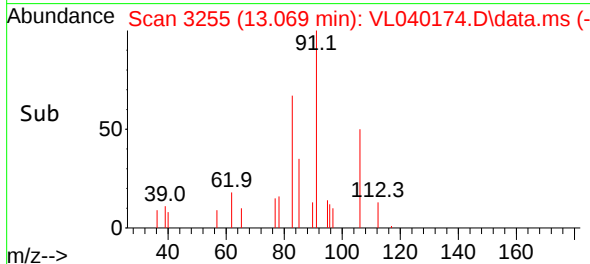
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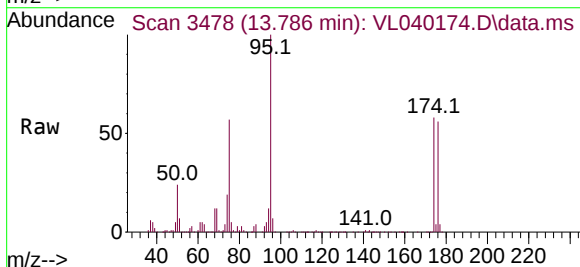
Tgt Ion: 83 Resp: 2544
Ion Ratio Lower Upper
83 100
131 0.0 4.4 13.2
85 0.0 33.0 99.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.881 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.010 min
Lab File: VL040174.D
Acq: 15 Feb 2023 13:37



Tgt Ion: 95 Resp: 1764622
Ion Ratio Lower Upper
95 100
174 60.9 48.2 72.2
175 4.3 3.4 5.2

