

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040096.D
 Acq On : 16 Jan 2023 13:26
 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 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 13:59:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Jan 16 11:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1105720	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2804348	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2497342	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2085299	10.931	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.912	62	2182m	0.026	ppbv	
32) 1,1,1-Trichloroethane	6.005	97	4409m	0.022	ppbv	
35) Carbon Tetrachloride	6.494	117	4077m	0.023	ppbv	
38) Trichloroethene	7.288	130	3647m	0.028	ppbv	
52) Tetrachloroethene	10.642	164	2061m	0.024	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.076	83	2898m	0.027	ppbv	

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

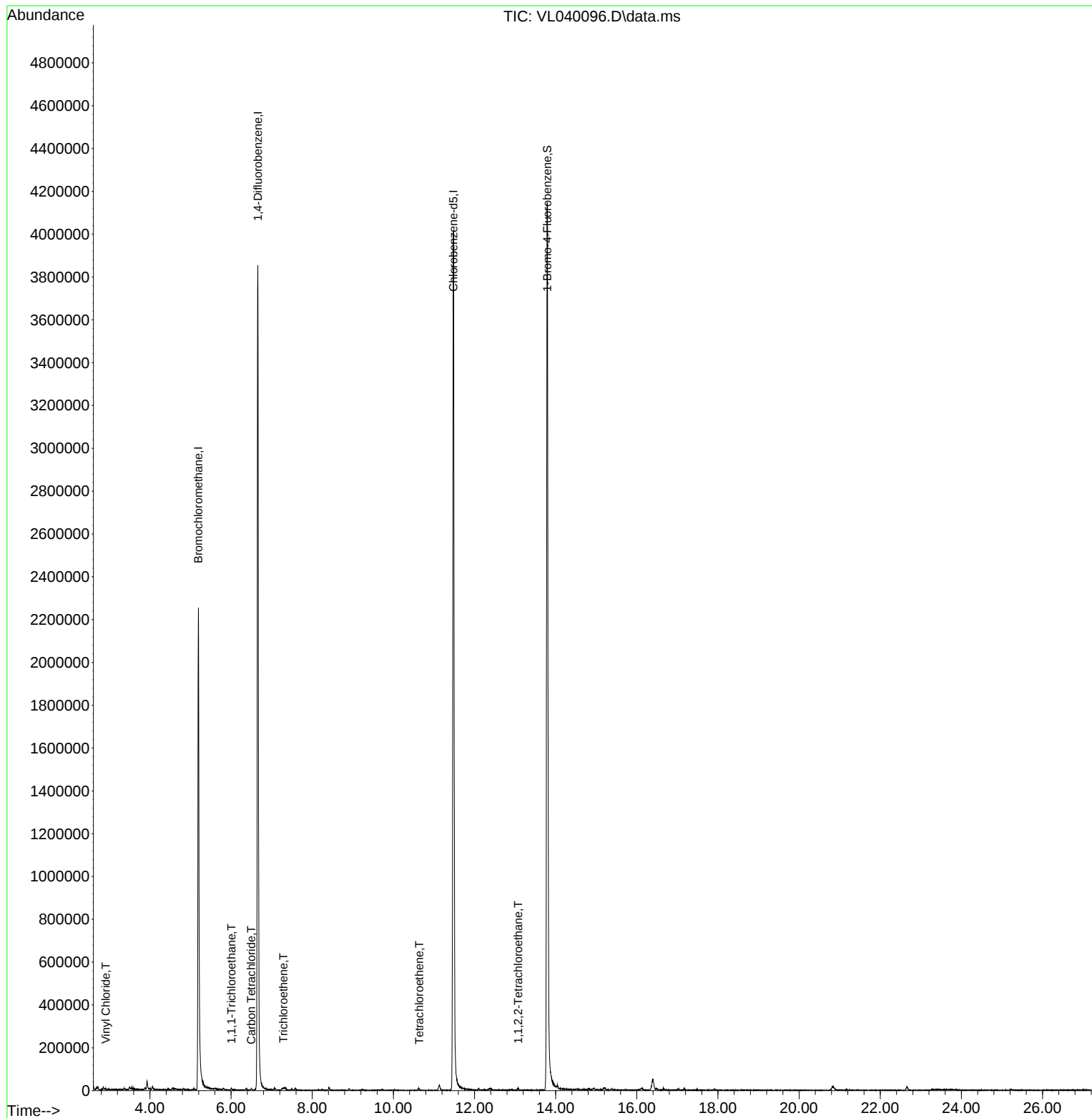
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
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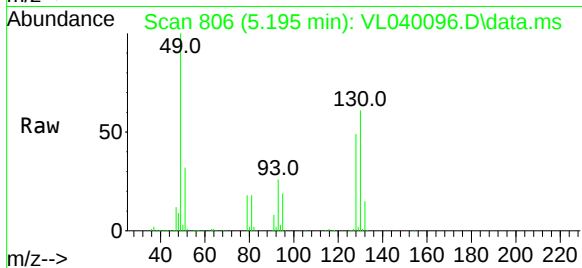
Reviewed By : Semsettin Yesilyurt 01/17/2023
Supervised By : Mahesh Dadoda 01/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

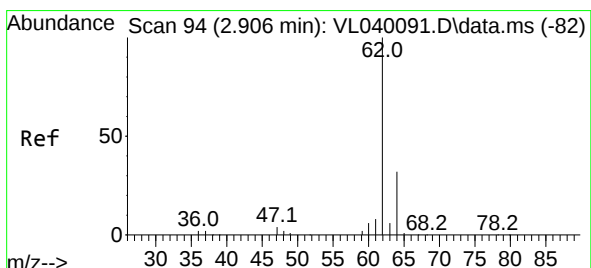
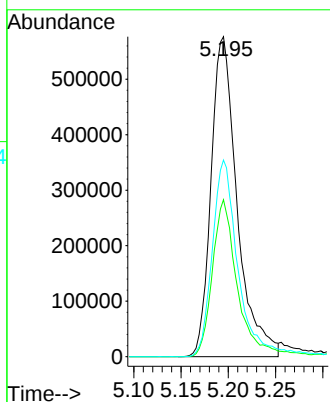
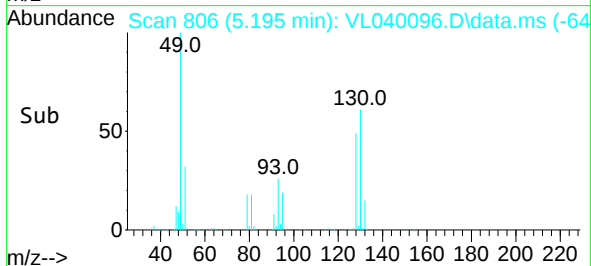
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 1105720
Ion Ratio Lower Upper
49 100
128 48.1 23.6 71.0
130 62.5 29.8 89.3

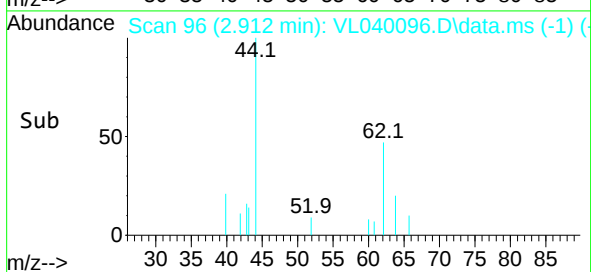
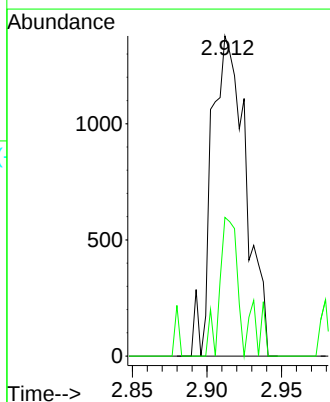
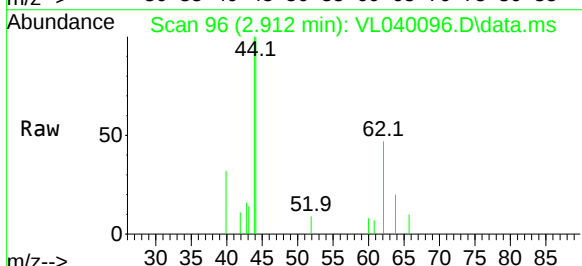
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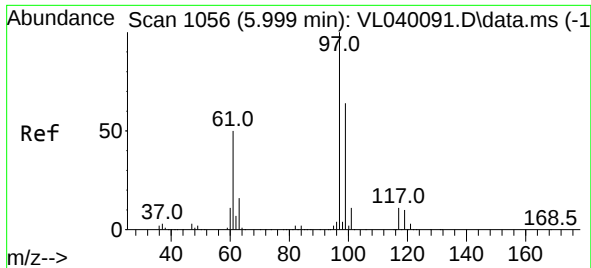
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#5
Vinyl Chloride
Concen: 0.026 ppbv m
RT: 2.912 min Scan# 96
Delta R.T. 0.006 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 62 Resp: 2182
Ion Ratio Lower Upper
62 100
64 0.0 25.8 38.6#





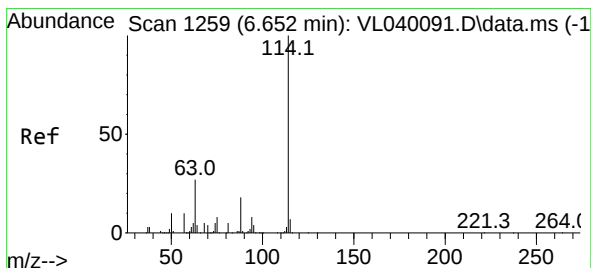
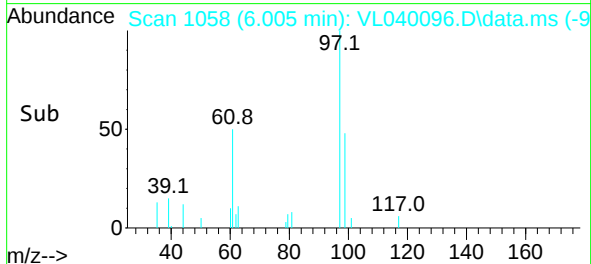
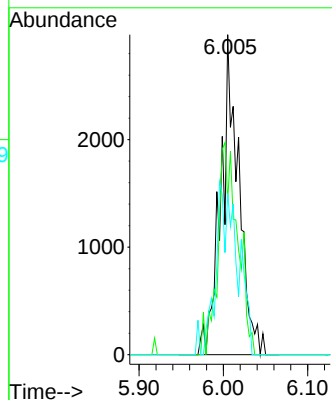
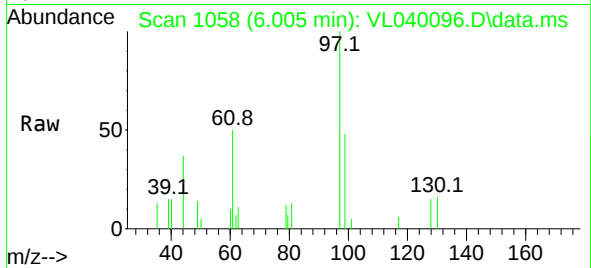
#32
1,1,1-Trichloroethane
Concen: 0.022 ppbv m
RT: 6.005 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 4409
Ion Ratio Lower Upper
97 100
99 73.9 51.8 77.6
61 0.0 40.4 60.6

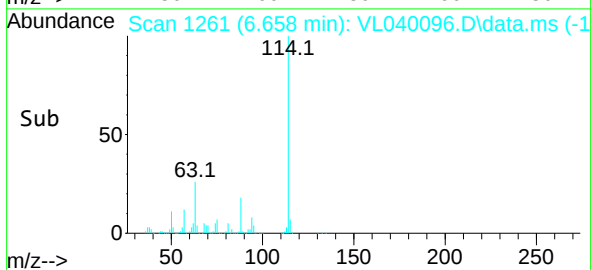
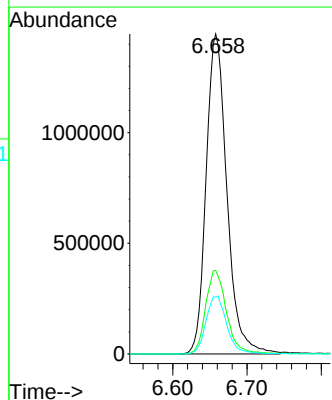
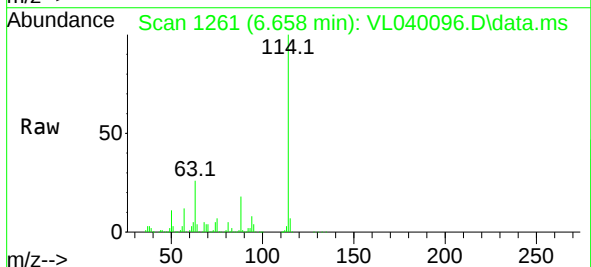
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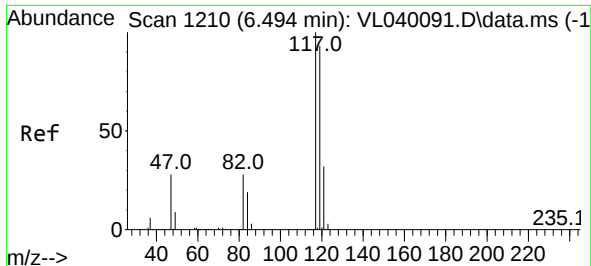
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

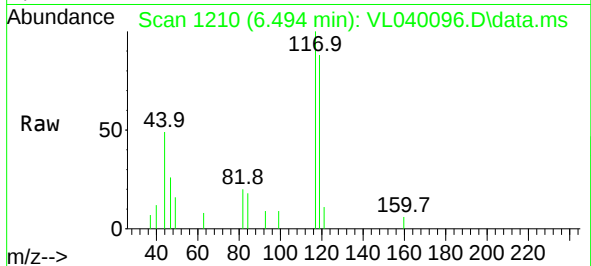
Tgt Ion:114 Resp: 2804348
Ion Ratio Lower Upper
114 100
63 26.4 21.8 32.8
88 18.3 14.8 22.2





#35
Carbon Tetrachloride
Concen: 0.023 ppbv m
RT: 6.494 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

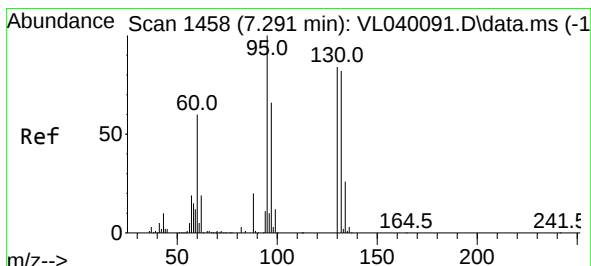
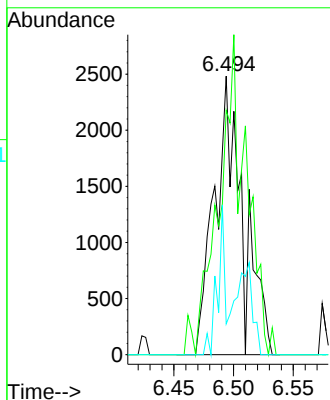
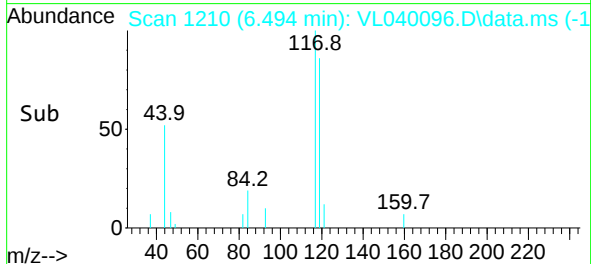
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



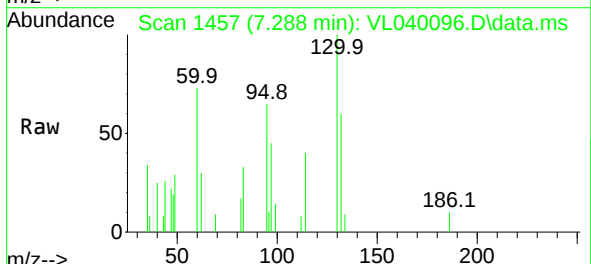
Tgt Ion:117 Resp: 407
Ion Ratio Lower Upper
117 100
119 87.7 74.5 111.7
121 11.0 25.4 38.0

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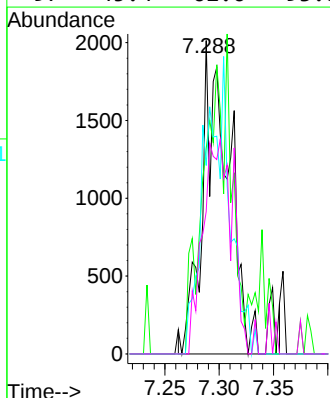
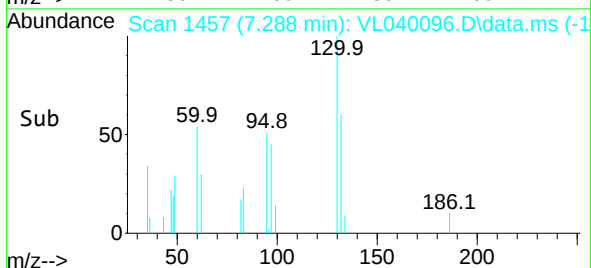
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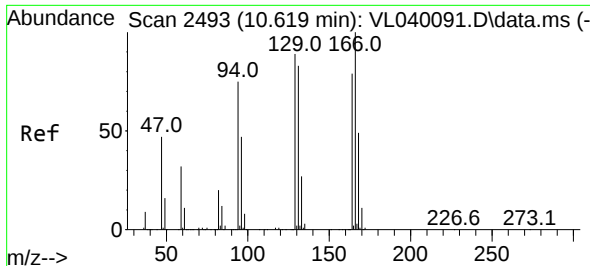


#38
Trichloroethene
Concen: 0.028 ppbv m
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26



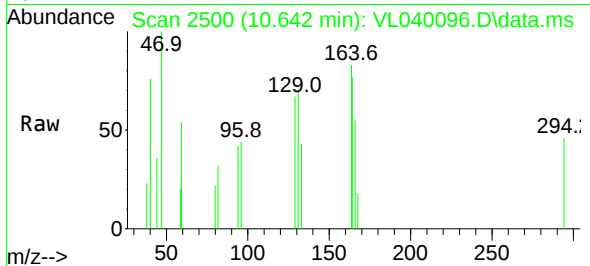
Tgt Ion:130 Resp: 3647
Ion Ratio Lower Upper
130 100
95 65.5 95.0 142.6#
132 60.1 77.9 116.9#
97 45.4 62.6 93.8#





#52
Tetrachloroethene
Concen: 0.024 ppbv m
RT: 10.642 min Scan# 2493
Delta R.T. 0.022 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

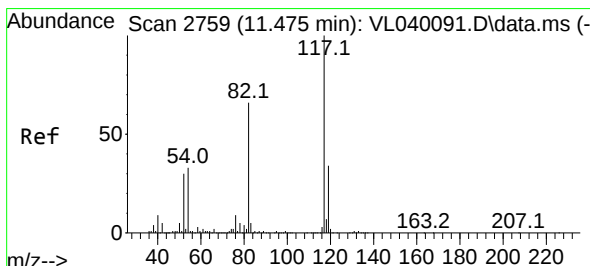
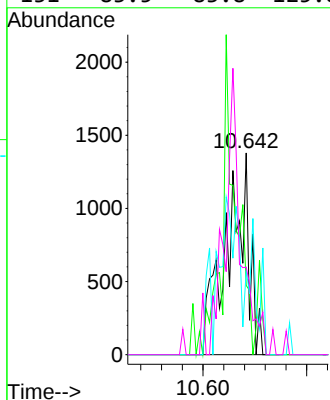
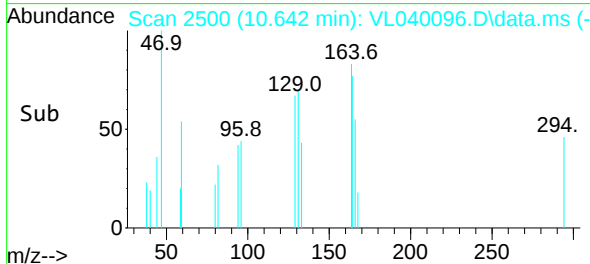
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



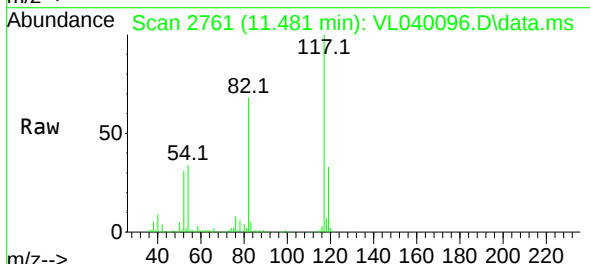
Tgt Ion:164 Resp: 206
Ion Ratio Lower Upper
164 100
166 66.2 101.2 151.8
129 80.3 90.2 135.2
131 83.5 83.8 125.8

Manual Integrations
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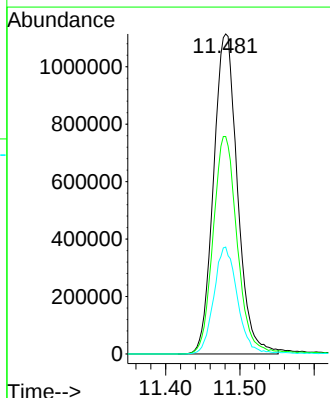
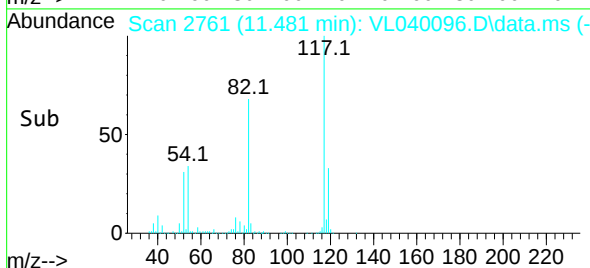
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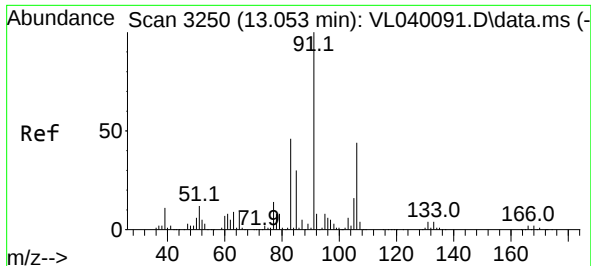


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.006 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26



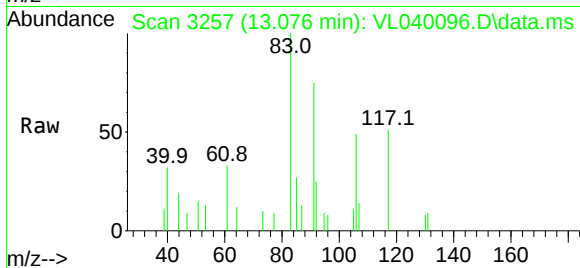
Tgt Ion:117 Resp: 2497342
Ion Ratio Lower Upper
117 100
82 69.2 54.4 81.6
119 33.5 26.8 40.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.027 ppbv m
RT: 13.076 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

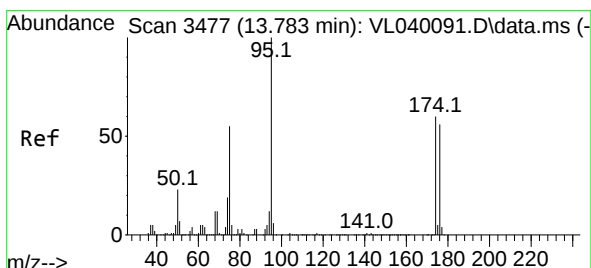
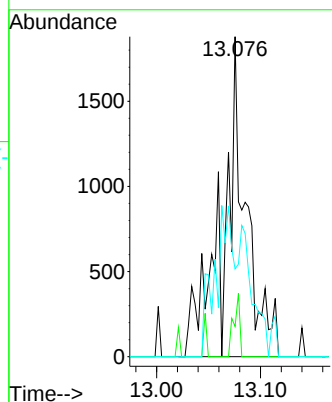
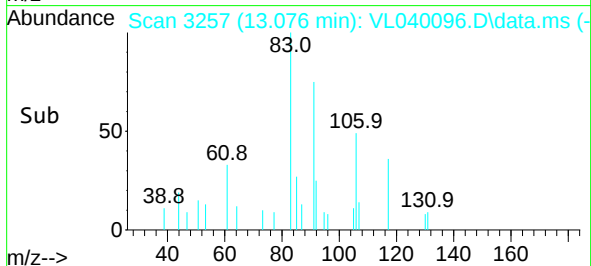
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 83 Resp: 2898
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1
85 66.4 32.5 97.5

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.931 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.010 min
Lab File: VL040096.D
Acq: 16 Jan 2023 13:26

Tgt Ion: 95 Resp: 2085299
Ion Ratio Lower Upper
95 100
174 59.1 47.7 71.5
175 4.2 3.4 5.2

