

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040633.D
 Acq On : 15 Aug 2023 12:58
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 05:35:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 16 2023
 QLast Update : Wed Aug 16 04:44:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1018370	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2620176	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2236288	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1776900	9.991	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.919	62	5894m	0.085	ppbv	
32) 1,1,1-Trichloroethane	6.002	97	13968m	0.081	ppbv	
35) Carbon Tetrachloride	6.504	117	13175m	0.080	ppbv	
38) Trichloroethene	7.285	130	6057m	0.075	ppbv	
52) Tetrachloroethene	10.622	164	4240m	0.065	ppbv	
54) 1,2-Dibromoethane	10.028	107	7319m	0.068	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.066	83	13350m	0.076	ppbv	
79) Naphthalene	21.410	128	5855m	0.032	ppbv	

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

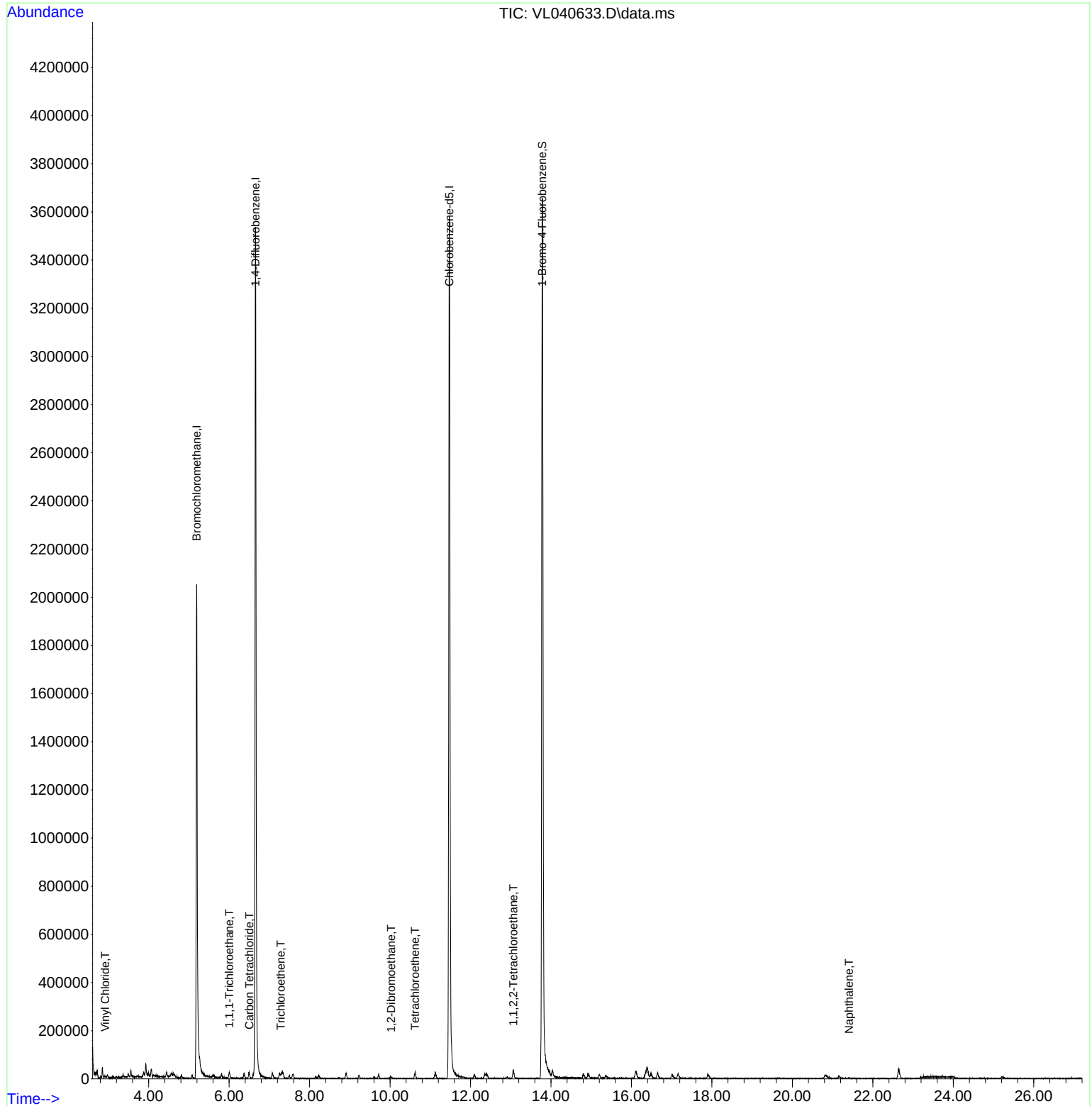
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
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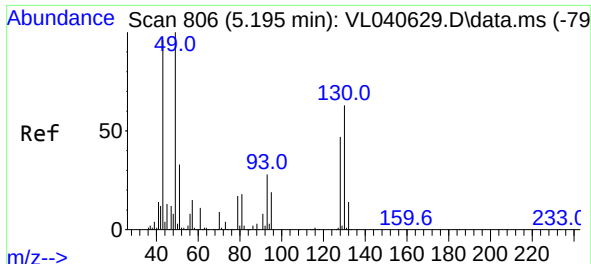
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Aug 16 05:35:03 2023
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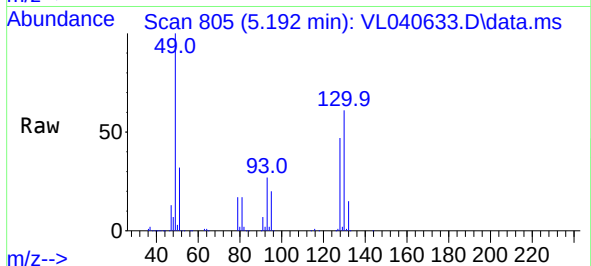
Reviewed By : Semsettin Yesilyurt 08/16/2023
Supervised By : Mahesh Dadoda 08/16/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

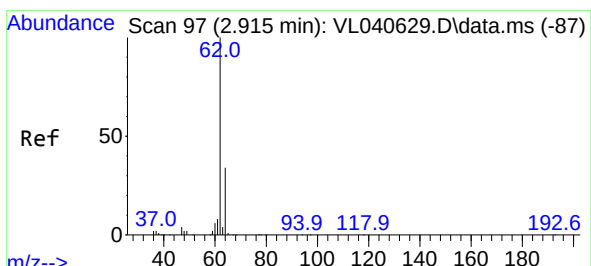
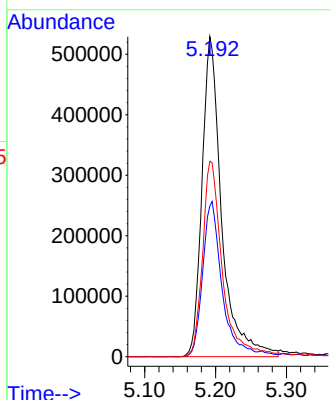
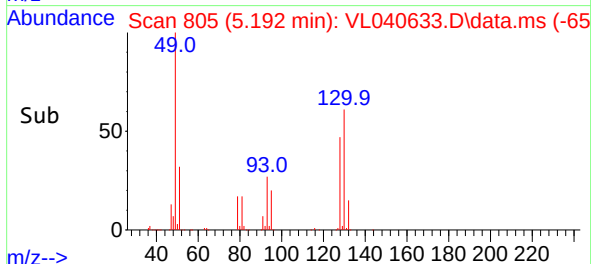
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 1018370
Ion Ratio Lower Upper
49 100
128 50.1 24.9 74.7
130 63.1 32.2 96.6

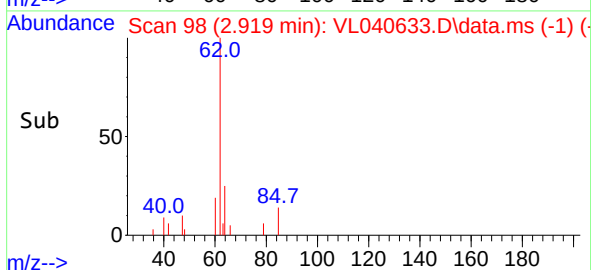
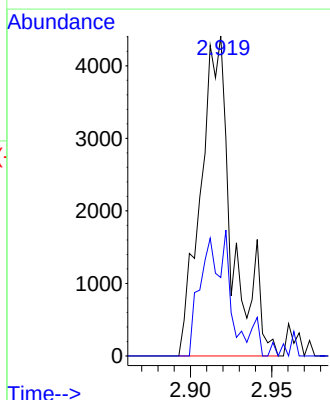
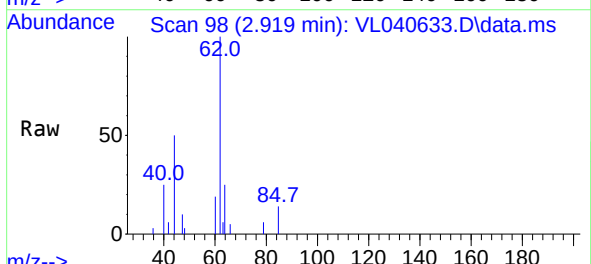
Manual Integrations
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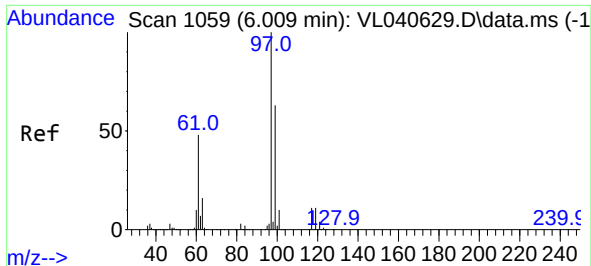
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#5
Vinyl Chloride
Concen: 0.085 ppbv m
RT: 2.919 min Scan# 98
Delta R.T. 0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

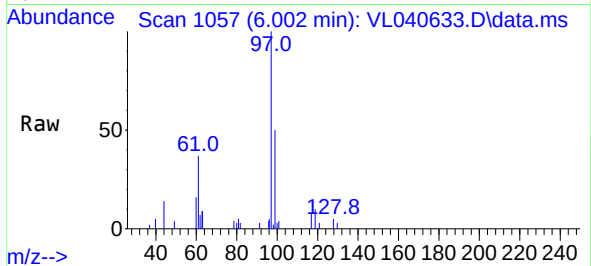
Tgt Ion: 62 Resp: 5894
Ion Ratio Lower Upper
62 100
64 0.0 27.0 40.6#





#32
1,1,1-Trichloroethane
Concen: 0.081 ppbv m
RT: 6.002 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

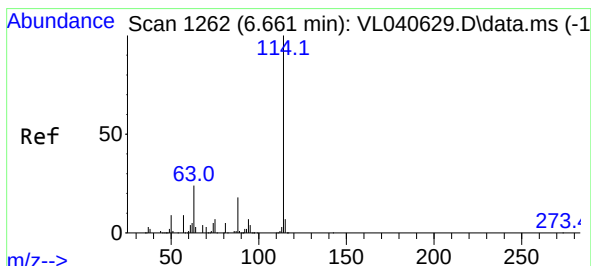
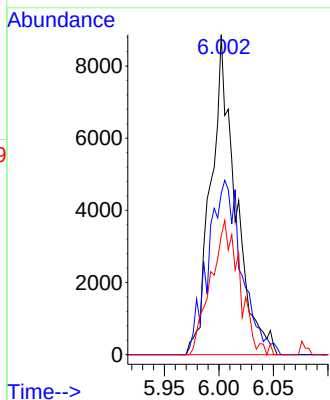
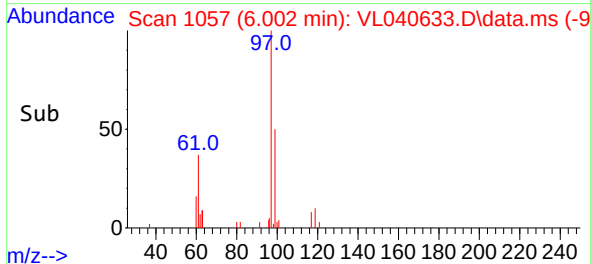
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



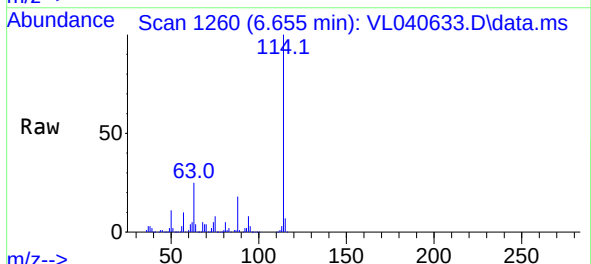
Tgt Ion: 97 Resp: 13968
Ion Ratio Lower Upper
97 100
99 73.6 51.2 76.8
61 49.3 39.7 59.5

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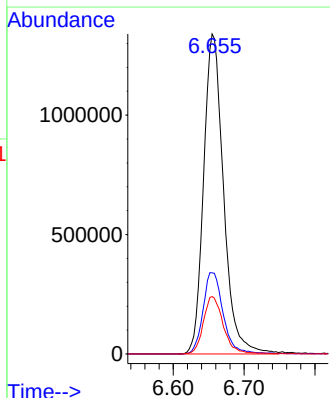
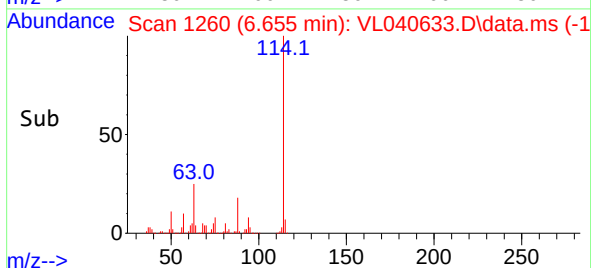
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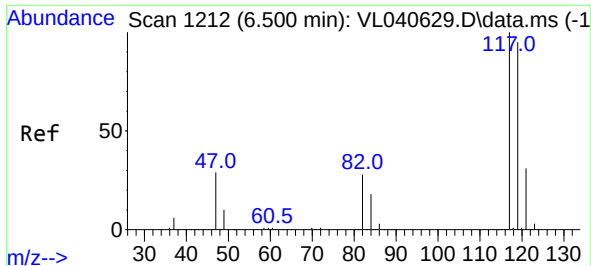


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58



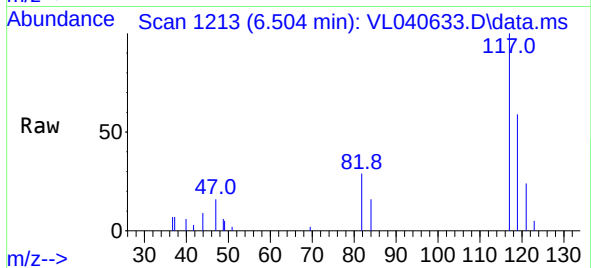
Tgt Ion:114 Resp: 2620176
Ion Ratio Lower Upper
114 100
63 25.8 20.2 30.2
88 18.0 14.1 21.1





#35
Carbon Tetrachloride
Concen: 0.080 ppbv m
RT: 6.504 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

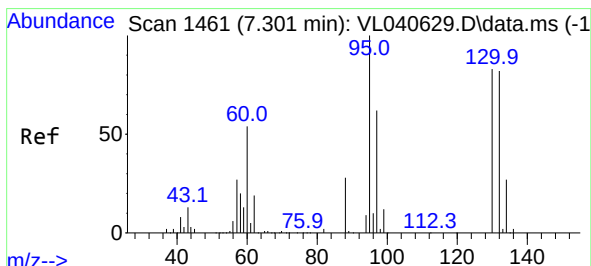
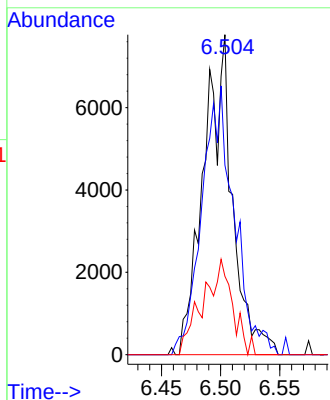
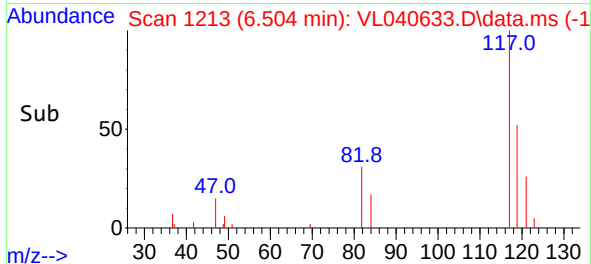
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



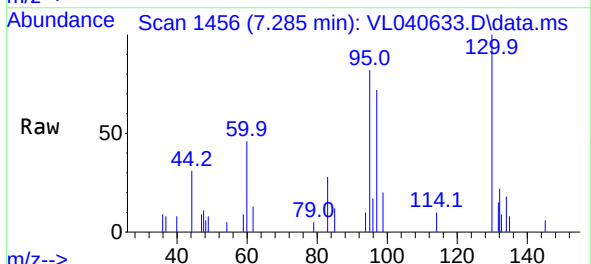
Tgt Ion:117 Resp: 1317
Ion Ratio Lower Upper
117 100
119 59.3 75.6 113.4#
121 24.5 24.9 37.3#

Manual Integrations
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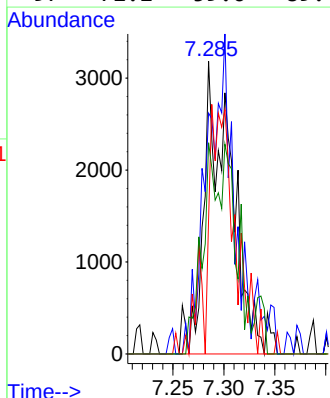
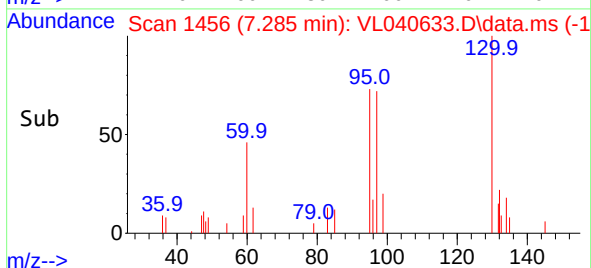
Reviewed By :Semsettin Yesilyurt 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

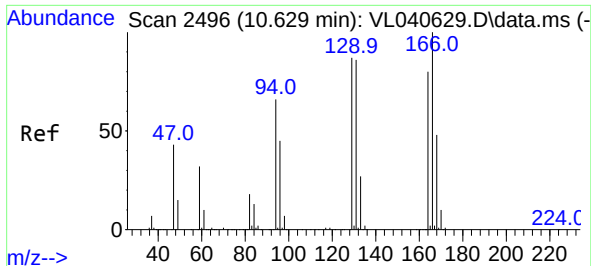


#38
Trichloroethene
Concen: 0.075 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.016 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58



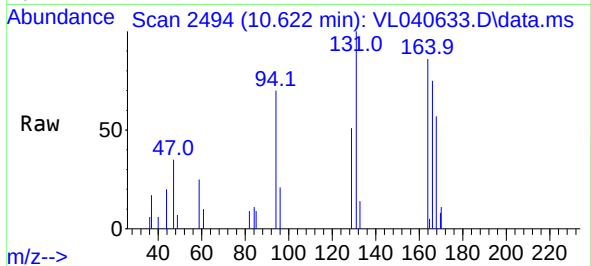
Tgt Ion:130 Resp: 6057
Ion Ratio Lower Upper
130 100
95 82.3 95.9 143.9#
132 22.2 79.0 118.4#
97 72.2 59.6 89.4





#52
Tetrachloroethene
Concen: 0.065 ppbv m
RT: 10.622 min Scan# 2494
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

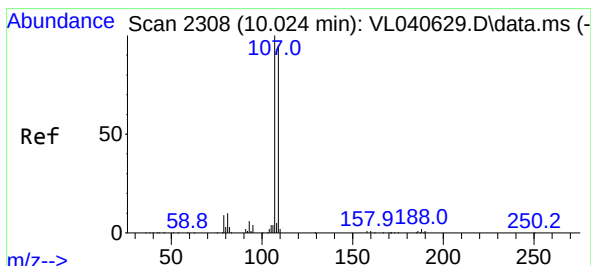
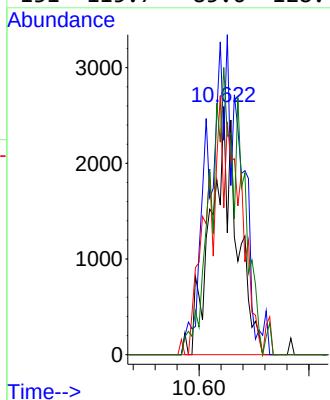
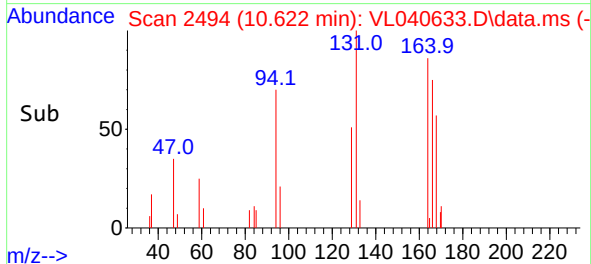
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



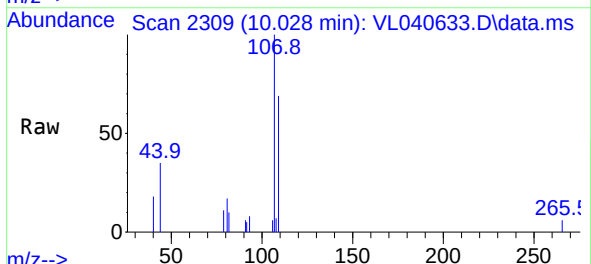
Tgt Ion:164 Resp: 4240
Ion Ratio Lower Upper
164 100
166 86.4 99.5 149.3
129 59.2 86.9 130.3
131 115.7 85.6 128.4

Manual Integrations
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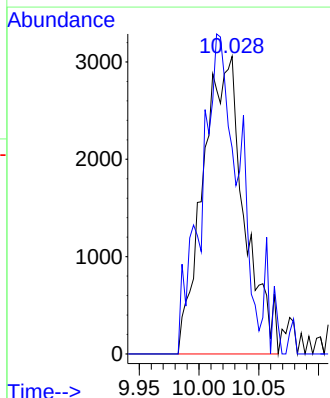
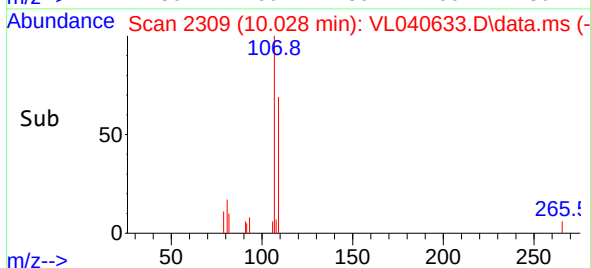
Reviewed By :Semsettin Yesilyurt 08/16/2023
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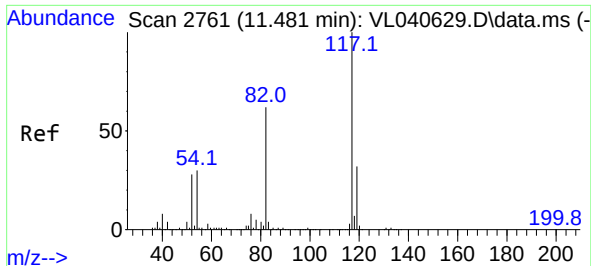


#54
1,2-Dibromoethane
Concen: 0.068 ppbv m
RT: 10.028 min Scan# 2309
Delta R.T. 0.003 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58



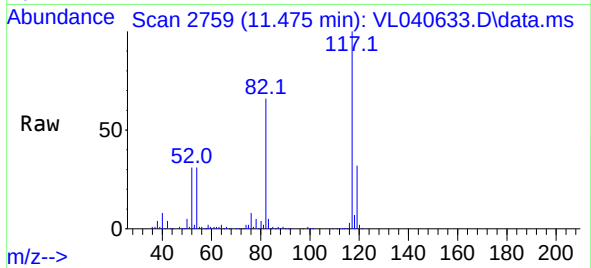
Tgt Ion:107 Resp: 7319
Ion Ratio Lower Upper
107 100
109 69.3 75.7 113.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

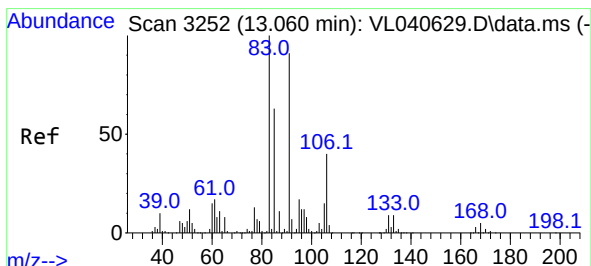
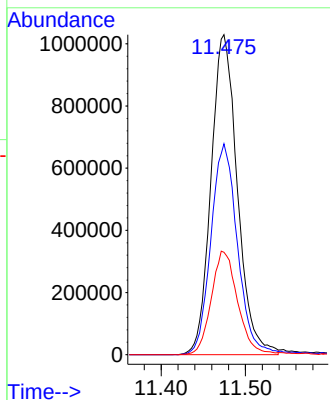
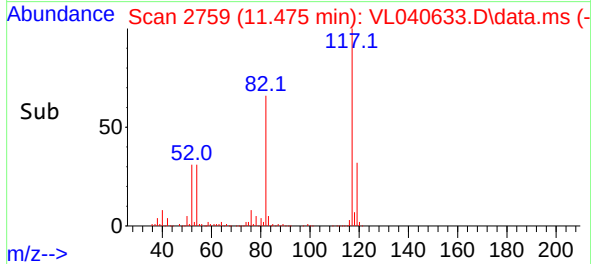
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



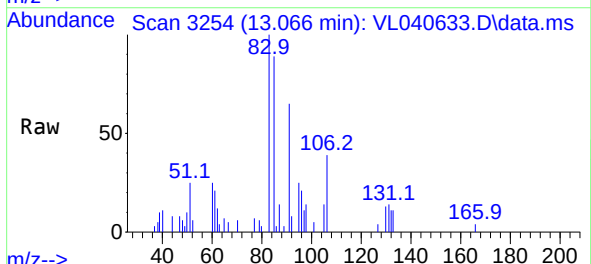
Tgt Ion: 117 Resp: 223628
Ion Ratio Lower Upper
117 100
82 67.6 49.5 74.3
119 32.8 24.5 36.7

Manual Integrations
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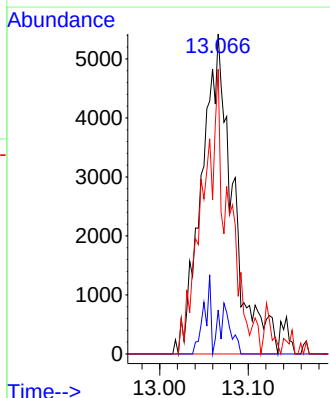
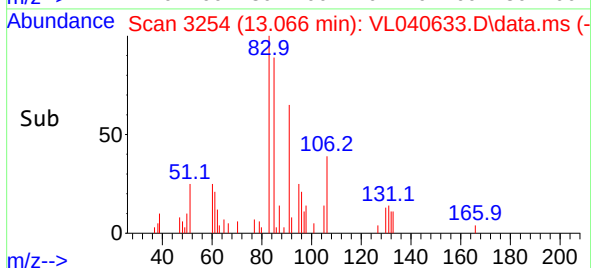
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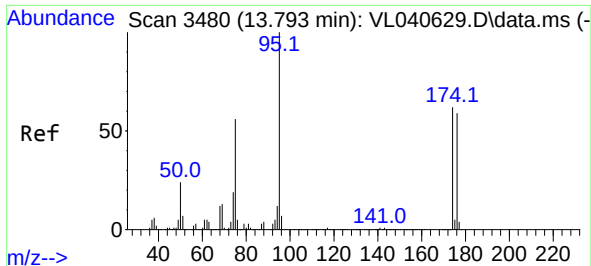


#63
1,1,2,2-Tetrachloroethane
Concen: 0.076 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. 0.006 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58



Tgt Ion: 83 Resp: 13350
Ion Ratio Lower Upper
83 100
131 11.1 4.5 13.7
85 0.0 32.4 97.2#





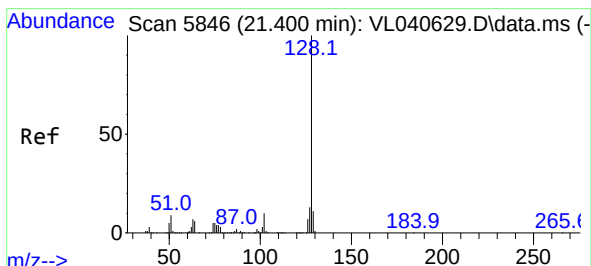
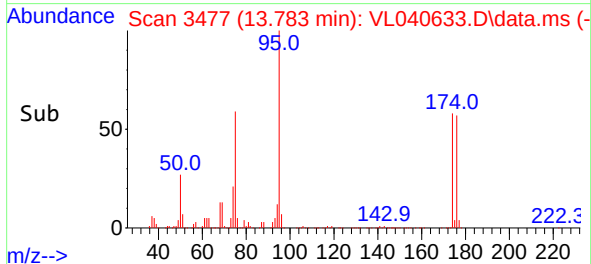
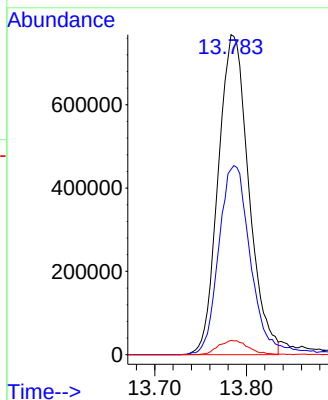
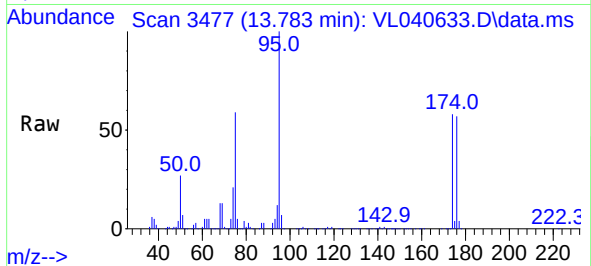
#68
1-Bromo-4-Fluorobenzene
Concen: 9.991 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. -0.010 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.1

Tgt Ion: 95 Resp: 1776900
Ion Ratio Lower Upper
95 100
174 63.5 49.1 73.7
175 4.4 3.7 5.5

Manual Integrations
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#79
Naphthalene
Concen: 0.032 ppbv m
RT: 21.410 min Scan# 5849
Delta R.T. 0.010 min
Lab File: VL040633.D
Acq: 15 Aug 2023 12:58

Tgt Ion:128 Resp: 5855
Ion Ratio Lower Upper
128 100
127 10.7 10.1 15.1
129 15.0 9.2 13.8#

