

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041596.D
 Acq On : 16 Sep 2024 15:56
 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 09/17/2024
 Supervised By :Mahesh Dadoda 09/17/2024

Quant Time: Sep 17 03:12:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 17 02:32:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1150062	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3120058	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2779435	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2086516	9.823	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.915	62	6034m	0.084	ppbv	
32) 1,1,1-Trichloroethane	5.986	97	13088m	0.076	ppbv	
35) Carbon Tetrachloride	6.468	117	12312m	0.072	ppbv	
38) Trichloroethene	7.272	130	9519m	0.089	ppbv	
52) Tetrachloroethene	10.590	164	6744m	0.077	ppbv	
54) 1,2-Dibromoethane	9.979	107	8094m	0.064	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.037	83	10963m	0.068	ppbv	
79) Naphthalene	21.374	128	8646m	0.032	ppbv	

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

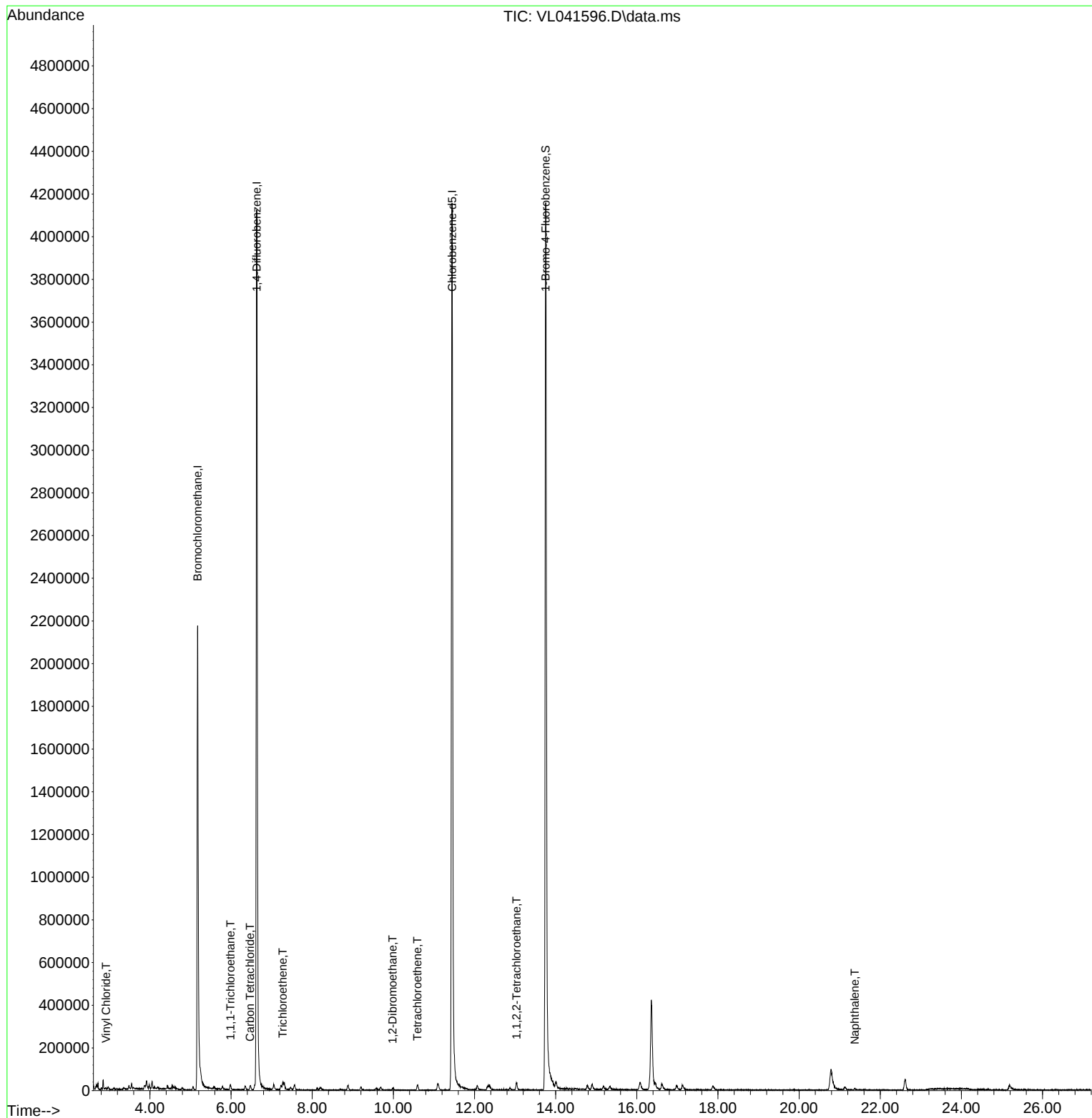
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
Data File : VL041596.D
Acq On : 16 Sep 2024 15:56
Operator : SY/MD
Sample : VSTDICC0.1
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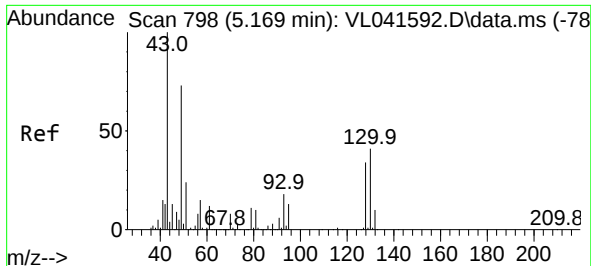
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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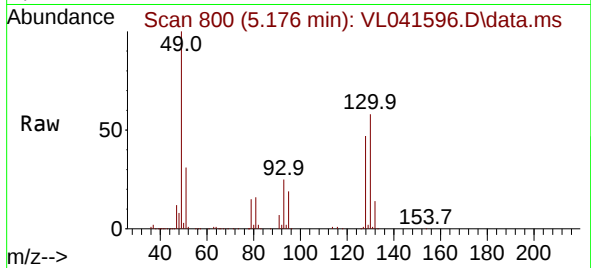
Quant Time: Sep 17 03:12:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

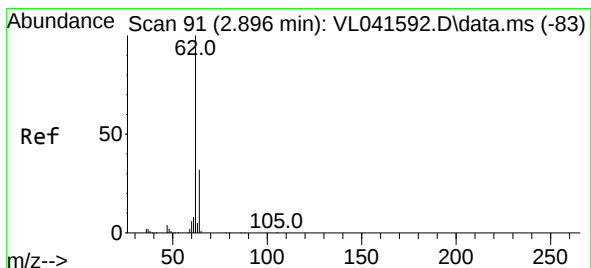
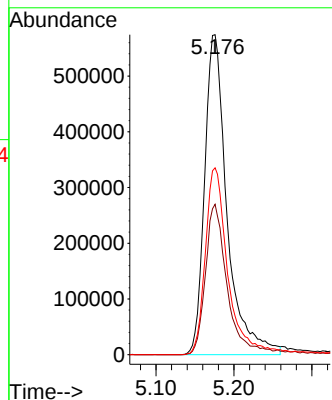
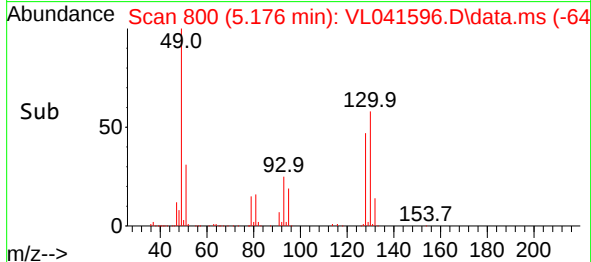
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 115006
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.5
130 60.6 30.4 91.3

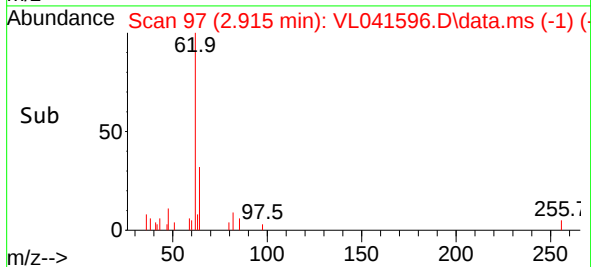
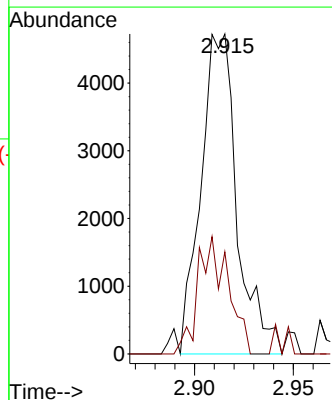
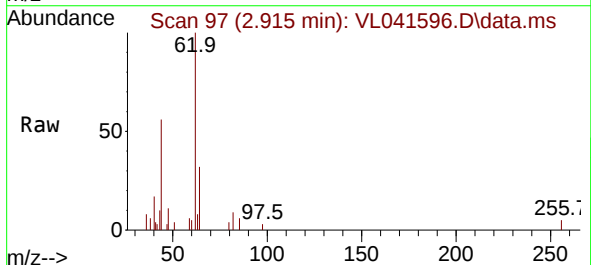
Manual Integrations
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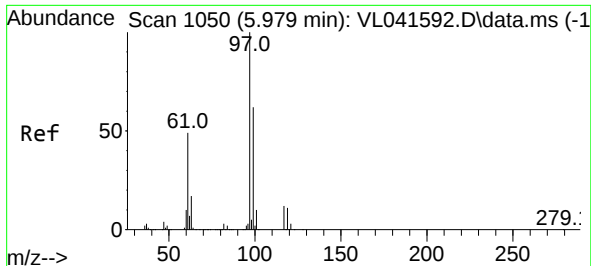
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#5
Vinyl Chloride
Concen: 0.084 ppbv m
RT: 2.915 min Scan# 97
Delta R.T. 0.019 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

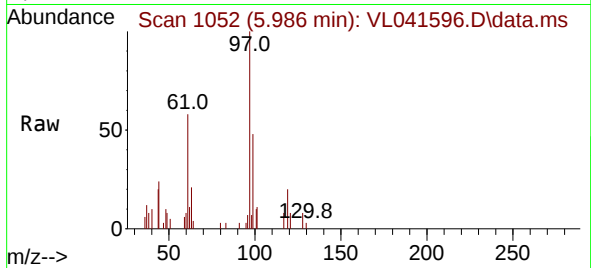
Tgt Ion: 62 Resp: 6034
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#32
1,1,1-Trichloroethane
Concen: 0.076 ppbv m
RT: 5.986 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

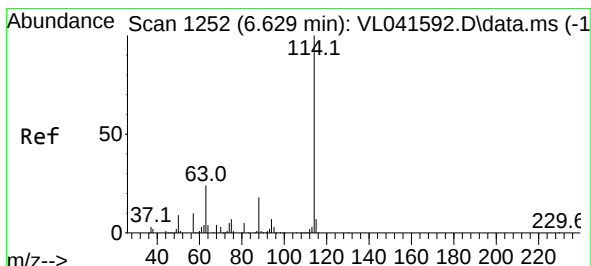
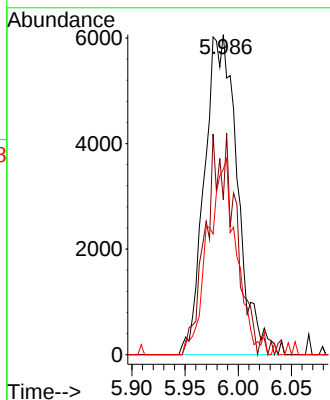
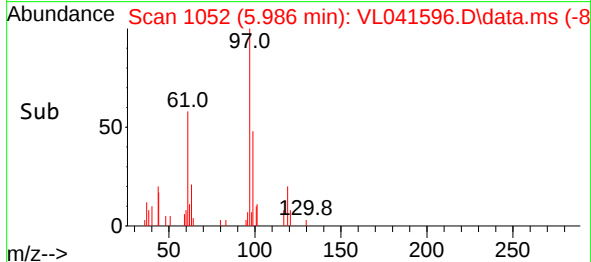
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 97 Resp: 13088
Ion Ratio Lower Upper
97 100
99 62.4 51.0 76.4
61 53.6 41.0 61.6

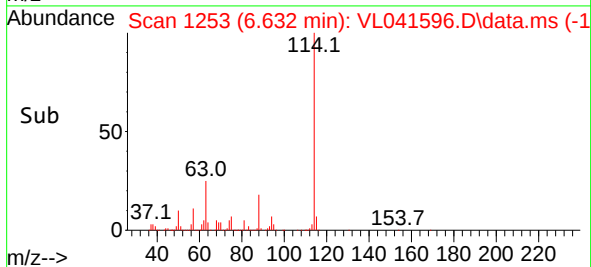
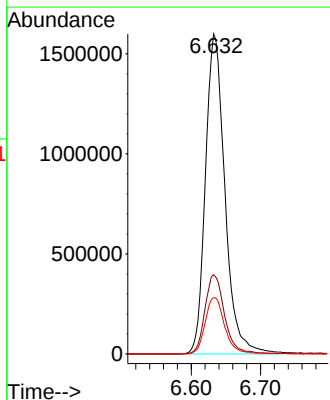
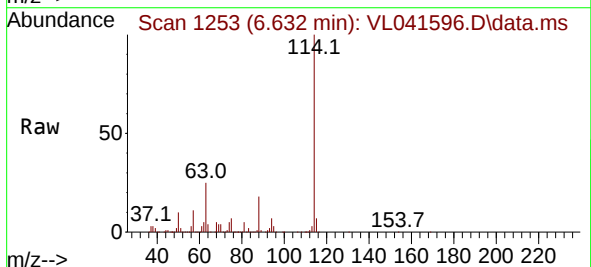
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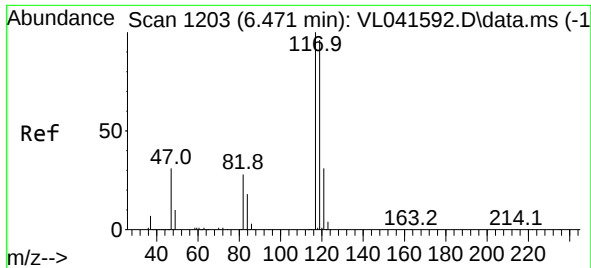
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

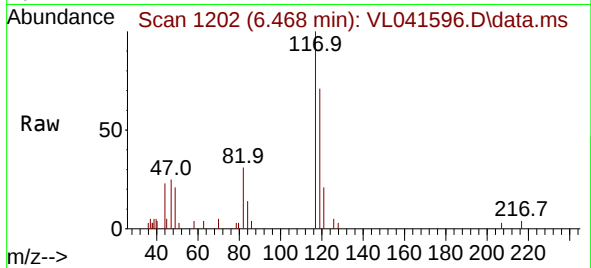
Tgt Ion:114 Resp: 3120058
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 17.9 14.2 21.4





#35
Carbon Tetrachloride
Concen: 0.072 ppbv m
RT: 6.468 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

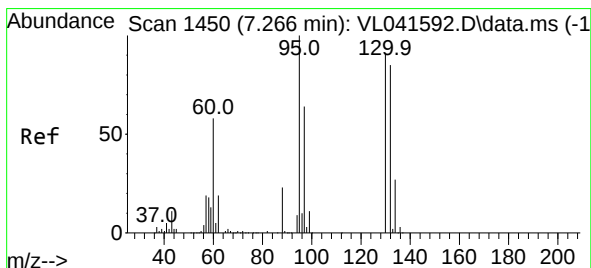
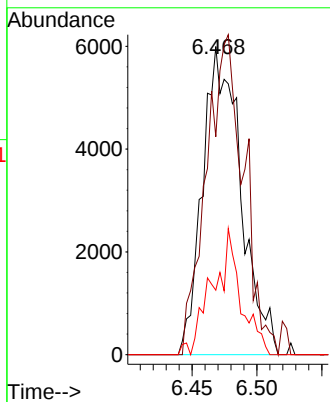
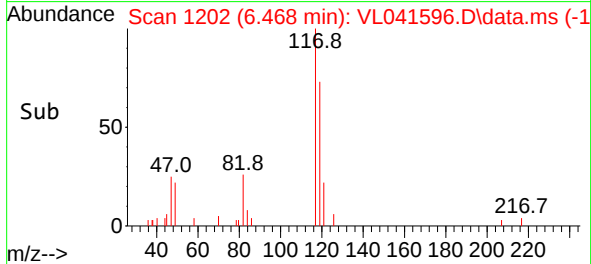
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.1



Tgt Ion:117 Resp: 1231
Ion Ratio Lower Upper
117 100
119 70.7 76.8 115.2
121 20.9 25.0 37.6

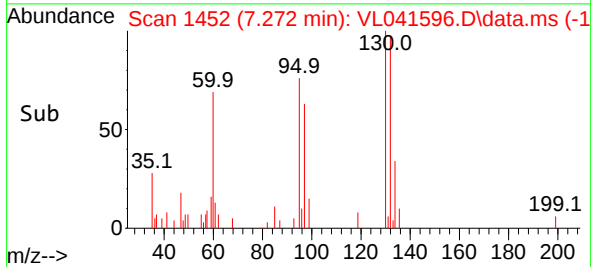
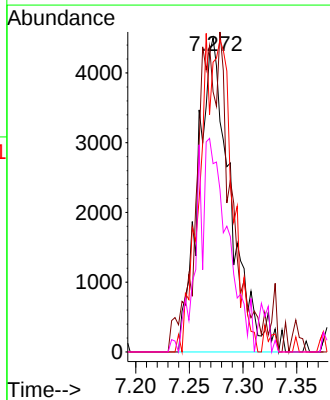
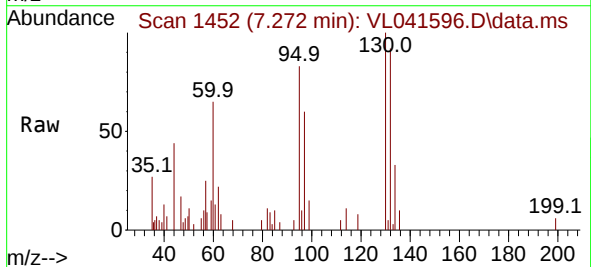
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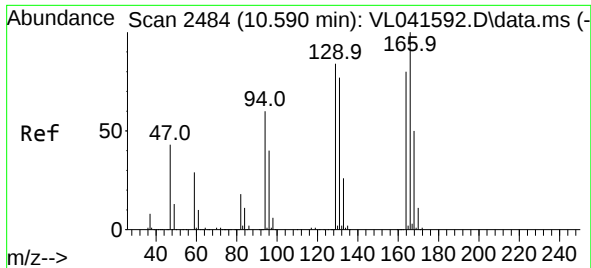
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#38
Trichloroethene
Concen: 0.089 ppbv m
RT: 7.272 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

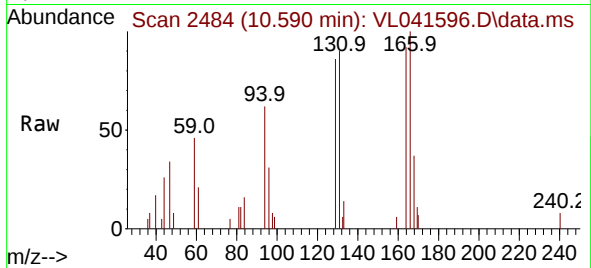
Tgt Ion:130 Resp: 9519
Ion Ratio Lower Upper
130 100
95 82.9 87.7 131.5
132 92.3 74.5 111.7
97 60.0 56.3 84.5





#52
Tetrachloroethene
Concen: 0.077 ppbv m
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

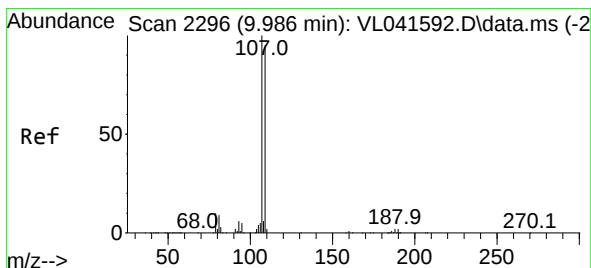
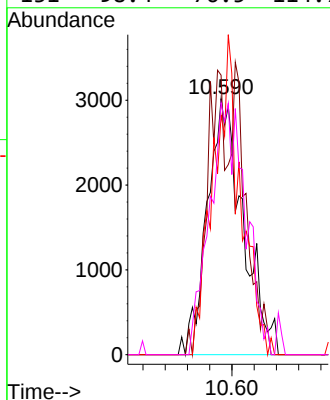
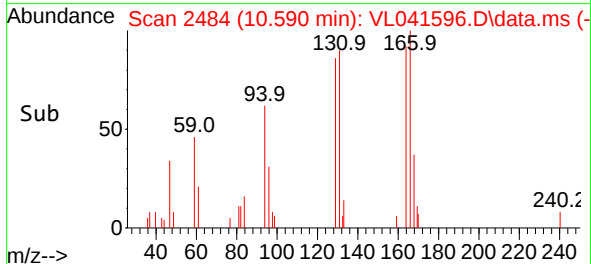
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:164 Resp: 6744
Ion Ratio Lower Upper
164 100
166 109.1 99.4 149.2
129 93.5 83.5 125.3
131 98.4 76.5 114.7

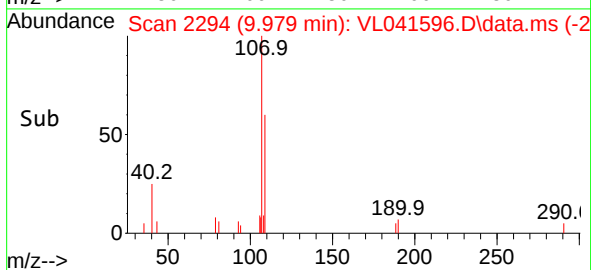
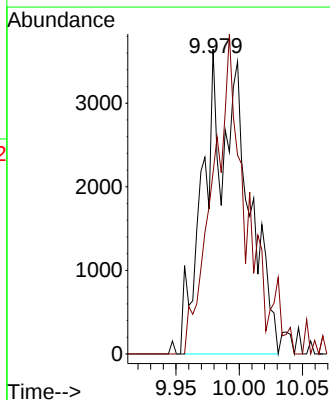
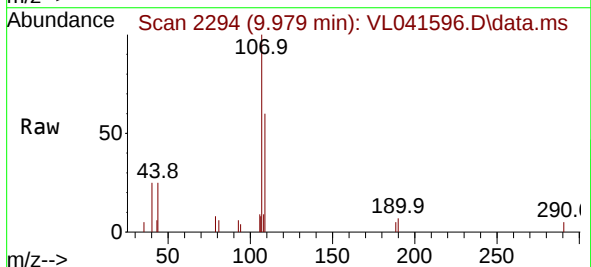
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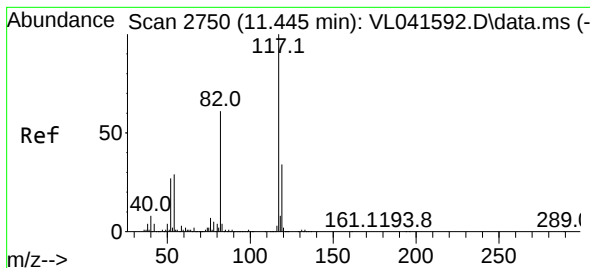
Reviewed By :Semsettin Yesilyurt 09/17/2024
Supervised By :Mahesh Dadoda 09/17/2024



#54
1,2-Dibromoethane
Concen: 0.064 ppbv m
RT: 9.979 min Scan# 2294
Delta R.T. -0.006 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

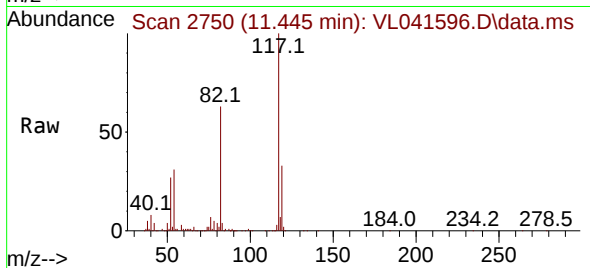
Tgt Ion:107 Resp: 8094
Ion Ratio Lower Upper
107 100
109 59.5 75.7 113.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 2750
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

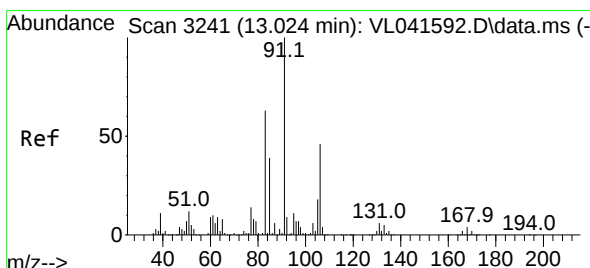
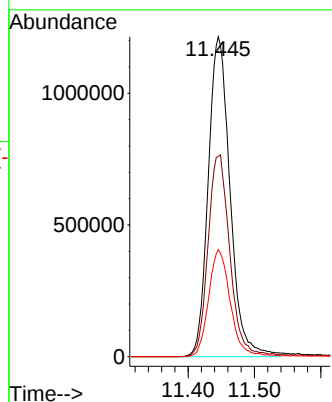
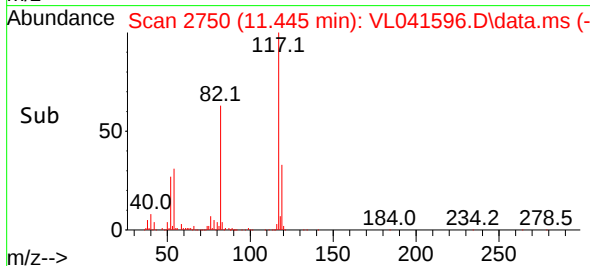
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



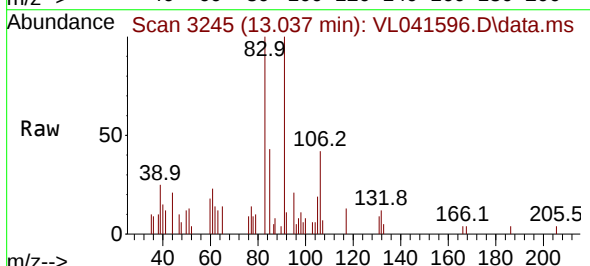
Tgt Ion: 117 Resp: 277943
Ion Ratio Lower Upper
117 100
82 63.8 49.4 74.2
119 33.6 24.4 36.6

Manual Integrations
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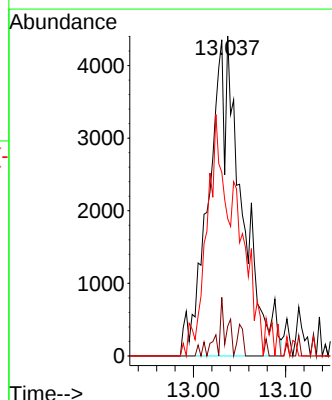
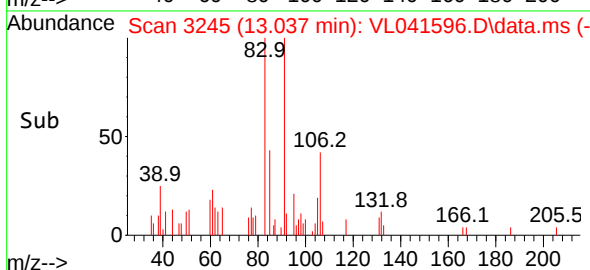
Reviewed By :Semsettin Yesilyurt 09/17/2024
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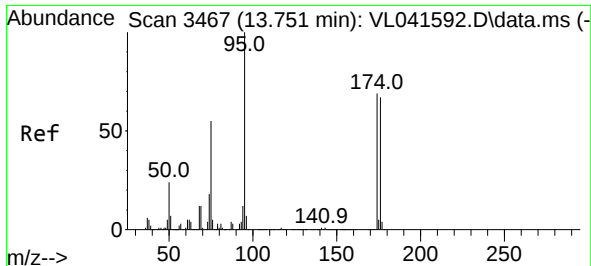


#63
1,1,2,2-Tetrachloroethane
Concen: 0.068 ppbv m
RT: 13.037 min Scan# 3245
Delta R.T. 0.013 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56



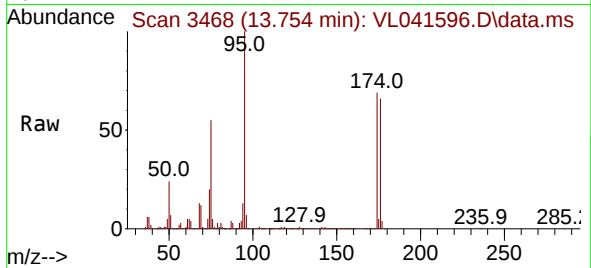
Tgt Ion: 83 Resp: 10963
Ion Ratio Lower Upper
83 100
131 5.1 4.8 14.4
85 72.3 32.5 97.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.823 ppbv
RT: 13.754 min Scan# 3467
Delta R.T. 0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

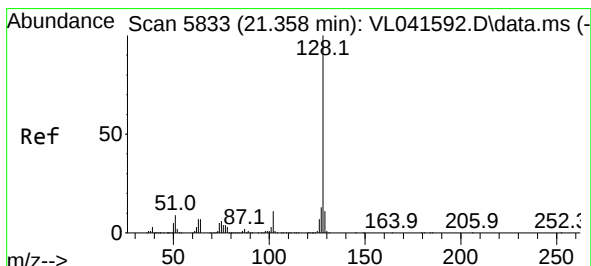
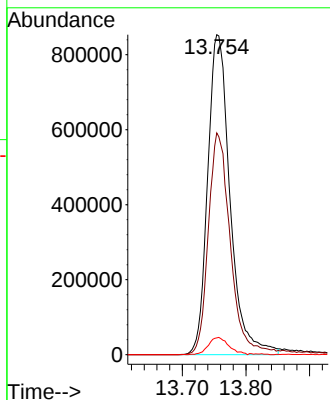
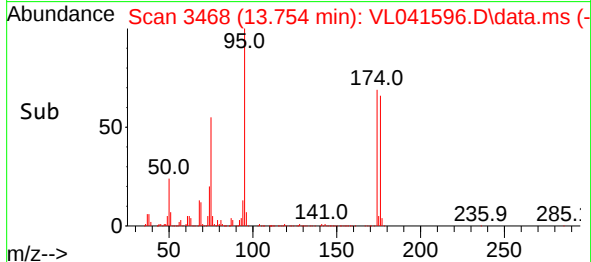
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



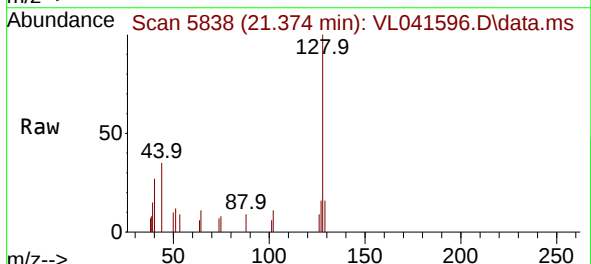
Tgt Ion: 95 Resp: 2086510
Ion Ratio Lower Upper
95 100
174 70.3 55.8 83.8
175 5.0 4.1 6.1

Manual Integrations
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Supervised By :Mahesh Dadoda 09/17/2024



#79
Naphthalene
Concen: 0.032 ppbv m
RT: 21.374 min Scan# 5838
Delta R.T. 0.016 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56



Tgt Ion:128 Resp: 8646
Ion Ratio Lower Upper
128 100
127 15.9 10.1 15.1#
129 15.7 9.1 13.7#

