

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041678.D
 Acq On : 7 Nov 2024 12:52
 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 :Mahesh Dadoda 11/09/2024
 Supervised By :Semsettin Yesilyurt 11/09/2024

Quant Time: Nov 08 00:11:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 00:07:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1123559	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3159589	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2815160	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	2112048	10.145	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.915	62	5503	0.078	ppbv	97
32) 1,1,1-Trichloroethane	6.002	97	14483m	0.087	ppbv	
35) Carbon Tetrachloride	6.488	117	13438m	0.080	ppbv	
38) Trichloroethene	7.291	130	7336m	0.081	ppbv	
52) Tetrachloroethene	10.613	164	6067m	0.076	ppbv	
54) 1,2-Dibromoethane	10.005	107	7494m	0.064	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	15978m	0.082	ppbv	
79) Naphthalene	21.400	128	7580m	0.039	ppbv	

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

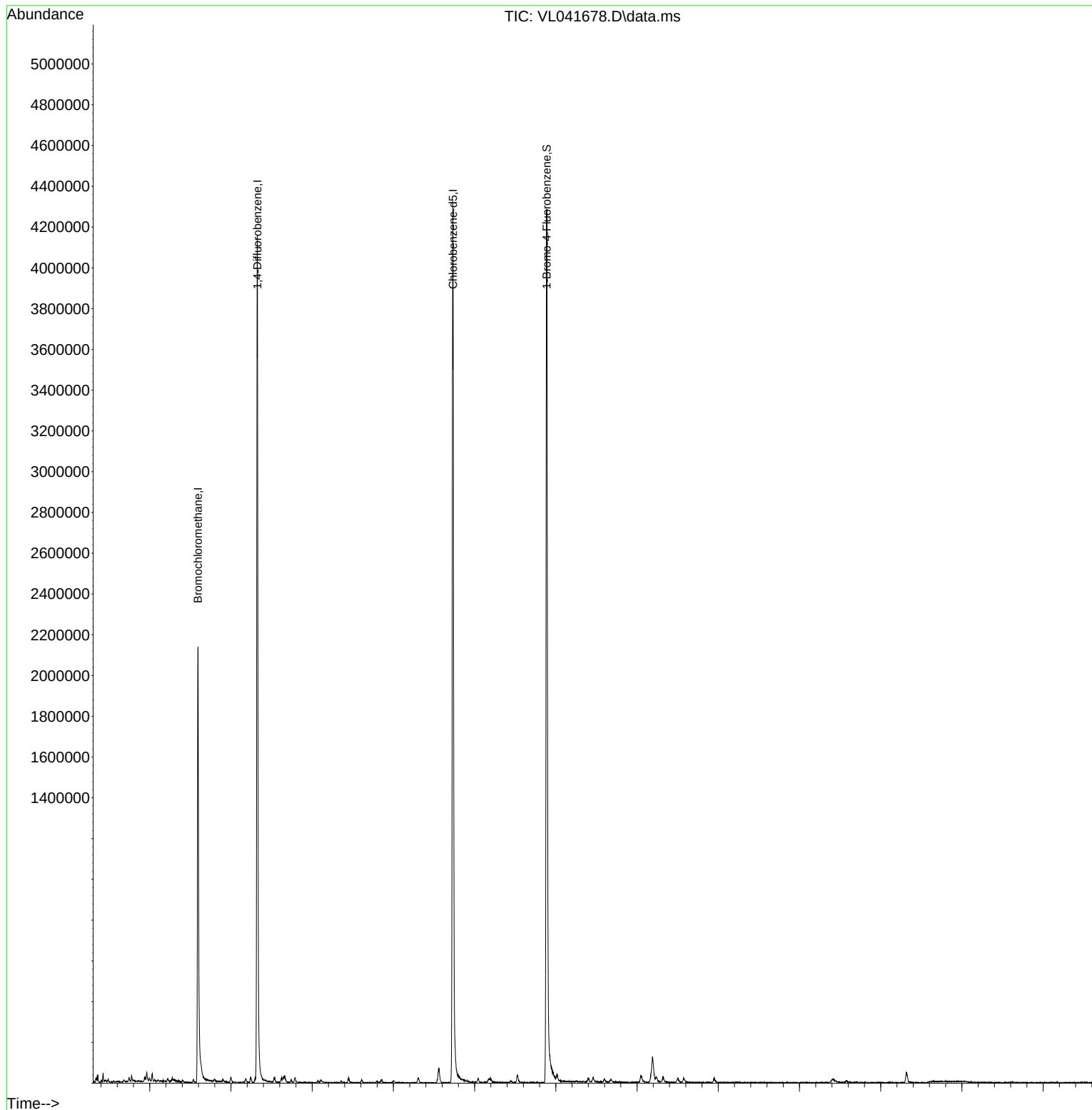
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
Data File : VL041678.D
Acq On : 7 Nov 2024 12:52
Operator : SY/MD
Sample : VSTDIC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

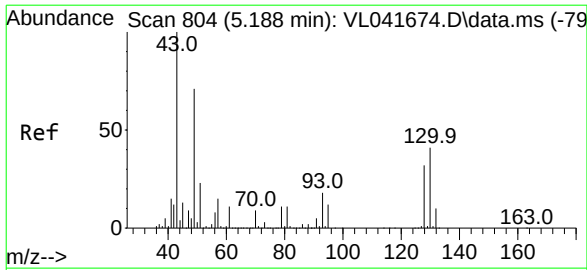
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

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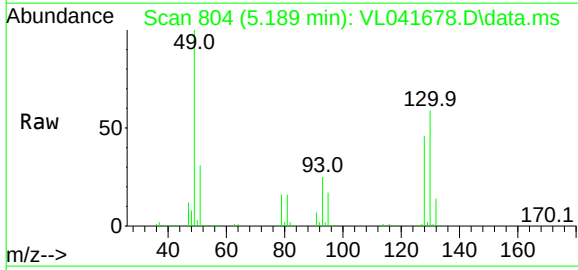
Quant Time: Nov 08 00:11:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Nov 08 00:07:44 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.001 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

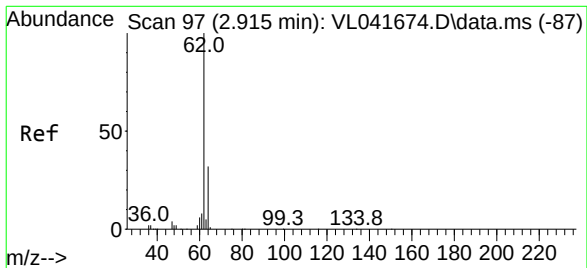
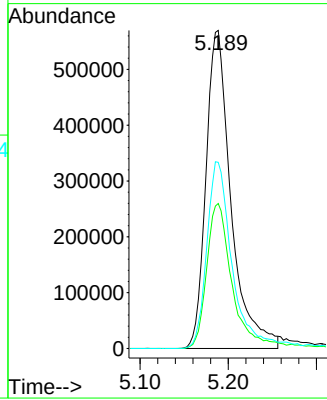
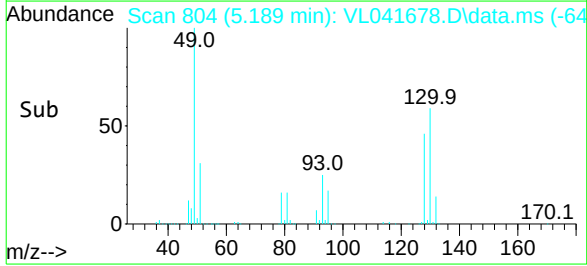
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 1123559
Ion Ratio Lower Upper
49 100
128 48.3 23.8 71.2
130 62.1 30.1 90.5

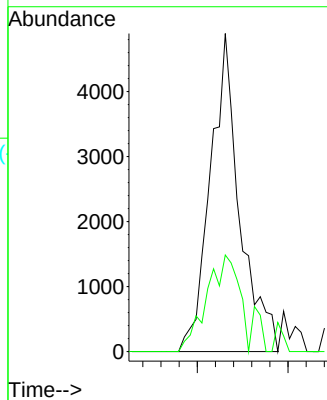
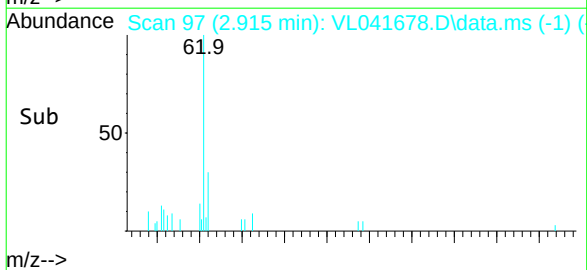
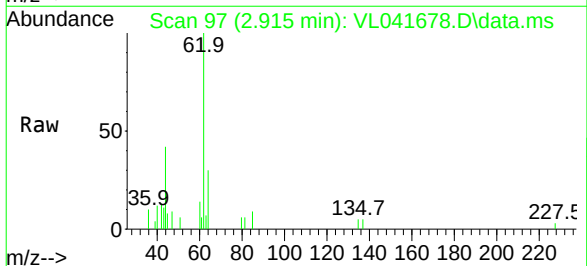
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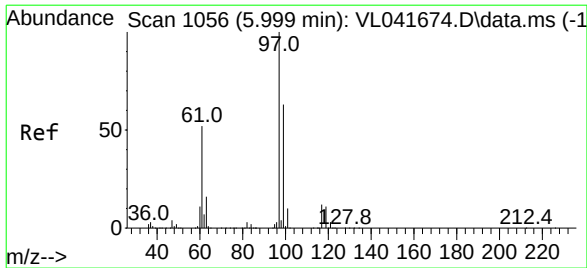
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#5
Vinyl Chloride
Concen: 0.078 ppbv
RT: 2.915 min Scan# 97
Delta R.T. 0.000 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion: 62 Resp: 5503
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2





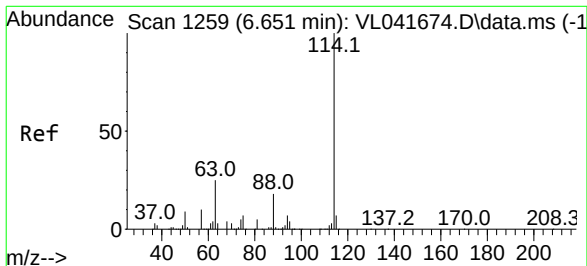
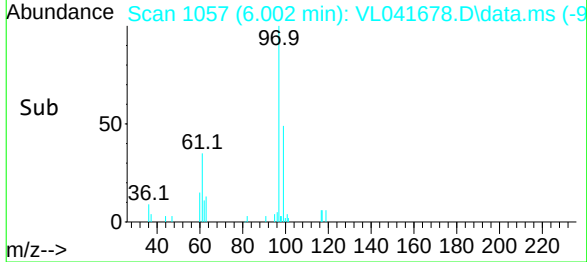
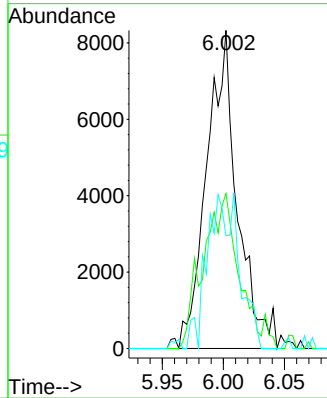
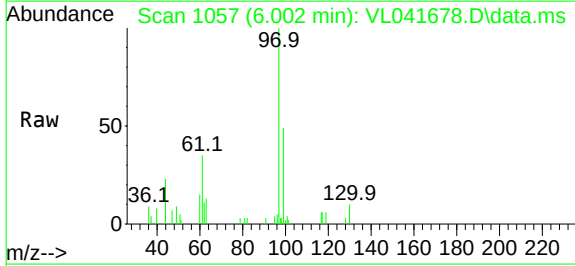
#32
1,1,1-Trichloroethane
Concen: 0.087 ppbv m
RT: 6.002 min Scan# 10
Delta R.T. 0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 14483
Ion Ratio Lower Upper
97 100
99 58.9 51.4 77.2
61 51.4 41.7 62.5

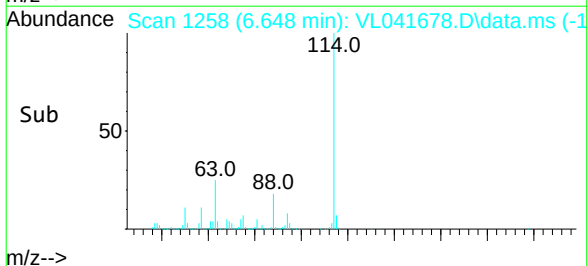
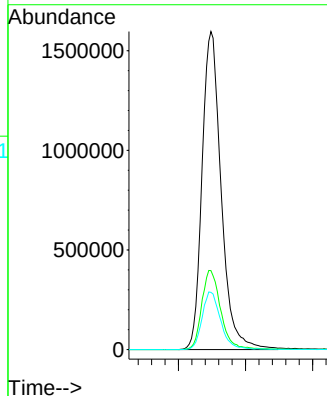
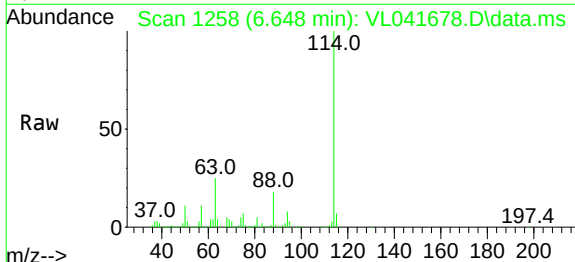
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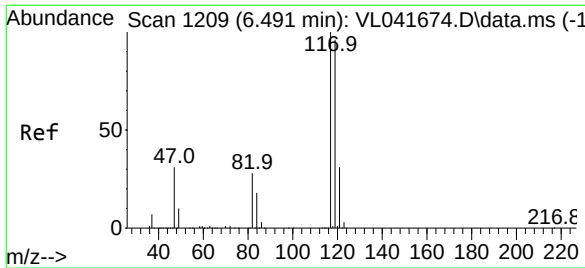
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

Tgt Ion:114 Resp: 3159589
Ion Ratio Lower Upper
114 100
63 25.0 20.3 30.5
88 17.8 14.2 21.4





#35

Carbon Tetrachloride

Concen: 0.080 ppbv m

RT: 6.488 min Scan# 1209

Delta R.T. -0.003 min

Lab File: VL041678.D

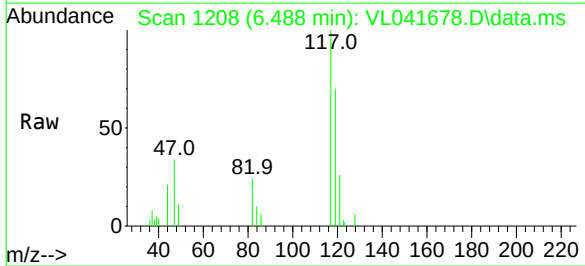
Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.1



Tgt Ion:117 Resp: 13438

Ion Ratio Lower Upper

117 100

119 70.2 77.2 115.8#

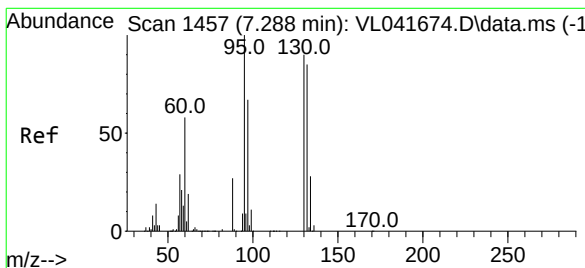
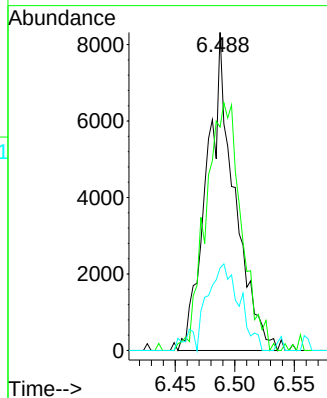
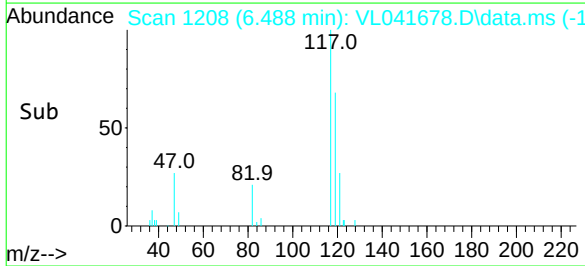
121 25.9 25.0 37.4

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#38

Trichloroethene

Concen: 0.081 ppbv m

RT: 7.291 min Scan# 1458

Delta R.T. 0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

Tgt Ion:130 Resp: 7336

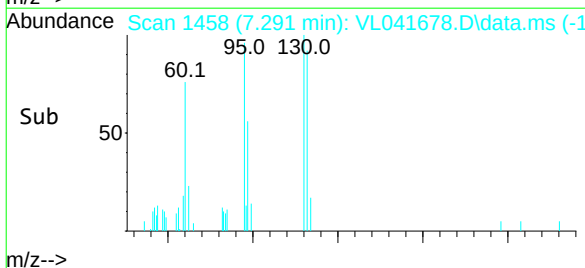
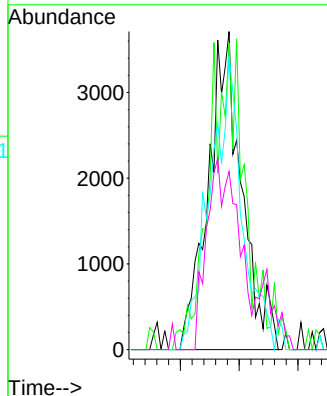
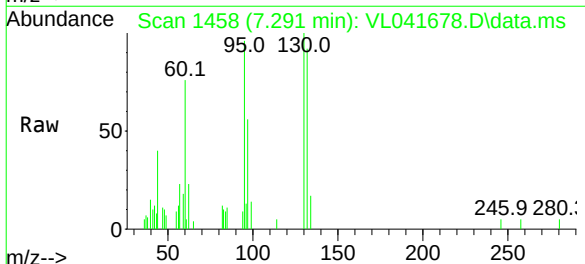
Ion Ratio Lower Upper

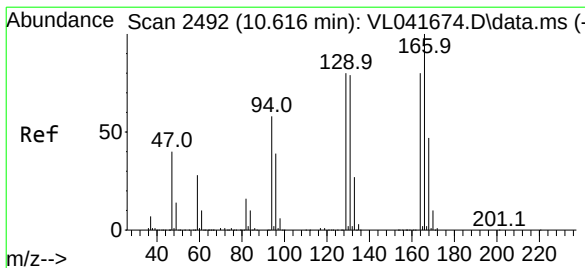
130 100

95 96.4 89.1 133.7

132 92.4 75.7 113.5

97 56.0 60.0 90.0#





#52

Tetrachloroethene

Concen: 0.076 ppbv m

RT: 10.613 min Scan# 2491

Delta R.T. -0.003 min

Lab File: VL041678.D

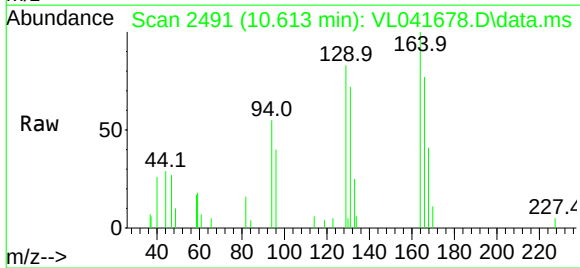
Acq: 7 Nov 2024 12:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.1



Tgt Ion:164 Resp: 6067

Ion Ratio Lower Upper

164 100

166 76.8 100.2 150.4#

129 83.0 79.7 119.5

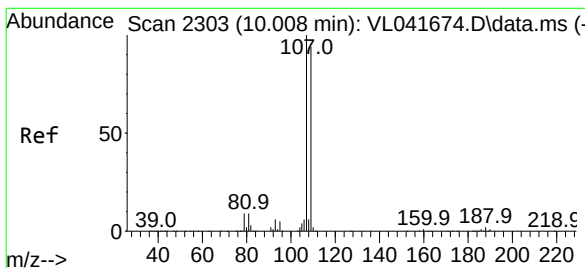
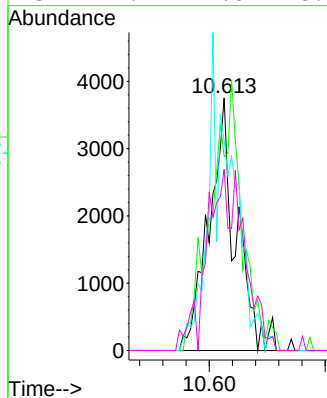
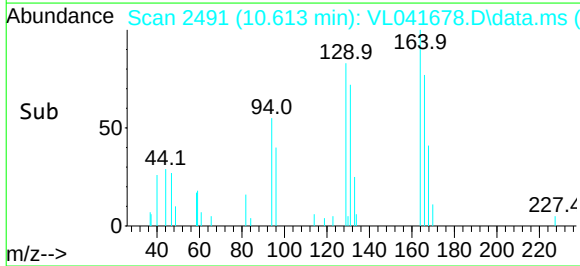
131 71.7 79.0 118.4#

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#54

1,2-Dibromoethane

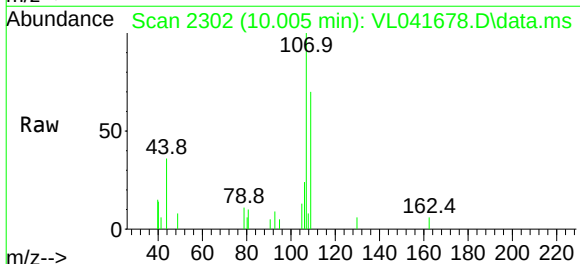
Concen: 0.064 ppbv m

RT: 10.005 min Scan# 2302

Delta R.T. -0.003 min

Lab File: VL041678.D

Acq: 7 Nov 2024 12:52

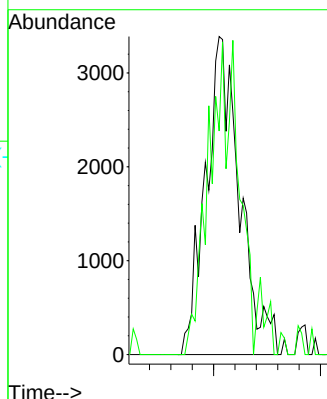
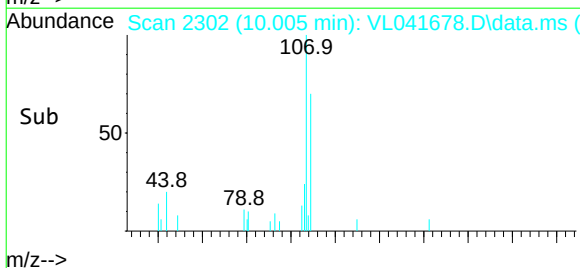


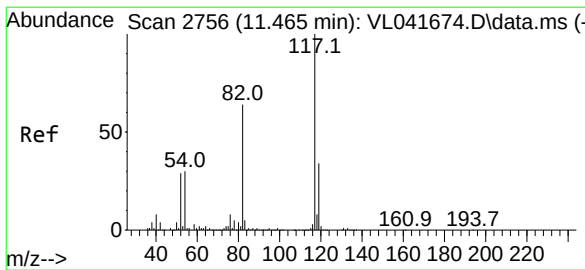
Tgt Ion:107 Resp: 7494

Ion Ratio Lower Upper

107 100

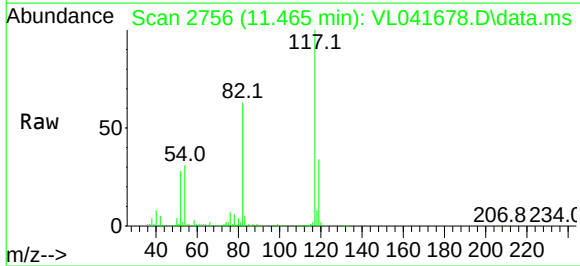
109 70.3 74.9 112.3#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

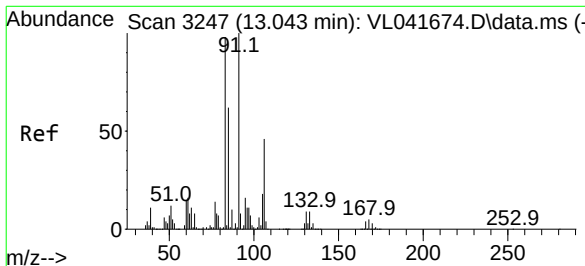
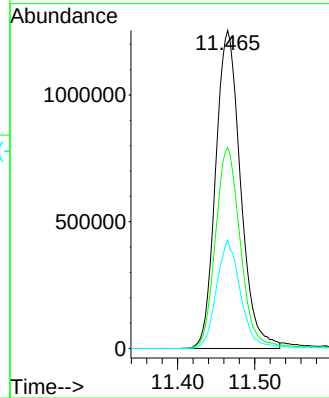
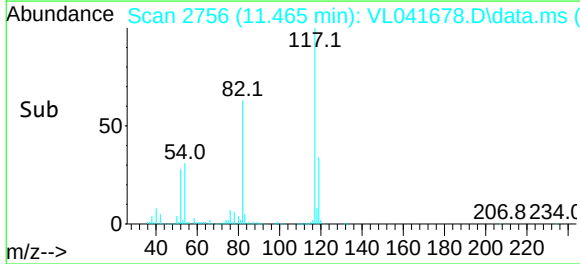
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.1



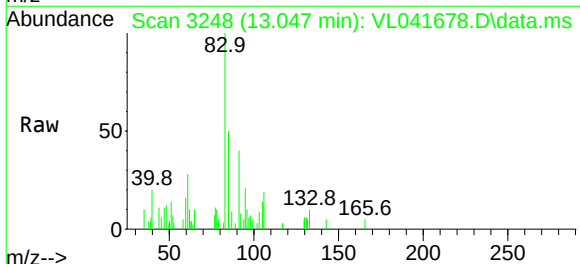
Tgt Ion: 117 Resp: 2815160
Ion Ratio Lower Upper
117 100
82 64.5 49.8 74.8
119 33.4 24.2 36.4

Manual Integrations
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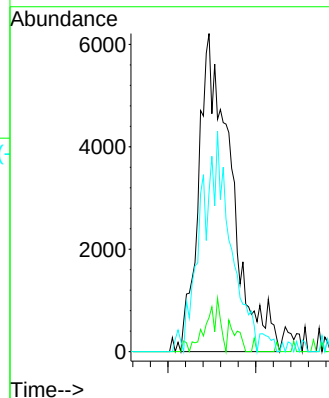
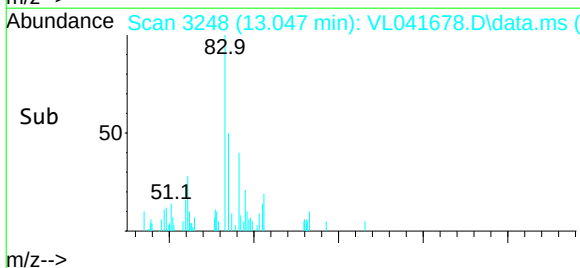
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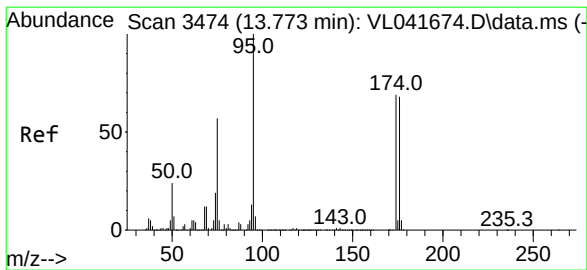


#63
1,1,2,2-Tetrachloroethane
Concen: 0.082 ppbv m
RT: 13.047 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52



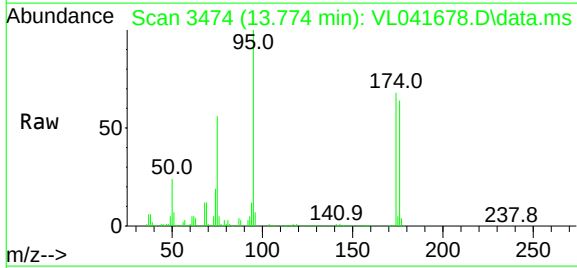
Tgt Ion: 83 Resp: 15978
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3#
85 0.0 32.6 98.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.145 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.000 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52

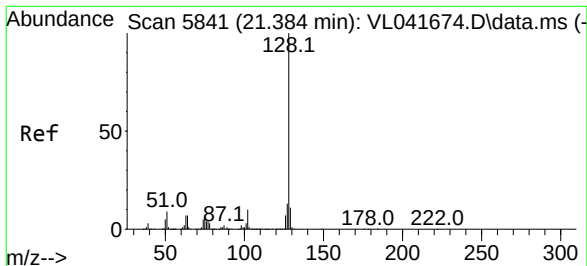
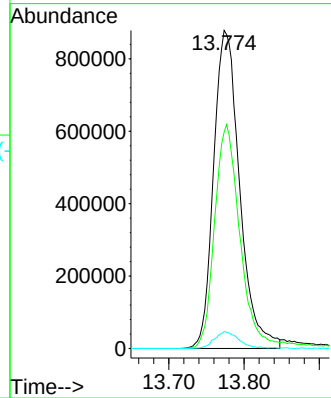
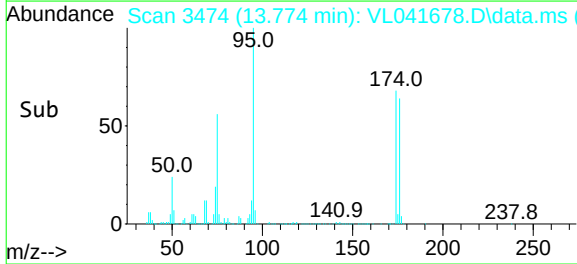
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



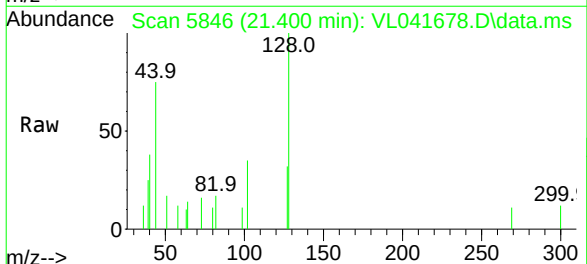
Tgt Ion: 95 Resp: 2112048
Ion Ratio Lower Upper
95 100
174 71.0 55.6 83.4
175 5.1 4.2 6.2

Manual Integrations
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#79
Naphthalene
Concen: 0.039 ppbv m
RT: 21.400 min Scan# 5846
Delta R.T. 0.016 min
Lab File: VL041678.D
Acq: 7 Nov 2024 12:52



Tgt Ion:128 Resp: 7580
Ion Ratio Lower Upper
128 100
127 31.7 10.5 15.7#
129 0.0 8.7 13.1#

