

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
 Data File : VL041124.D
 Acq On : 4 Apr 2024 12:01
 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 04/05/2024
 Supervised By :Mahesh Dadoda 04/05/2024

Quant Time: Apr 05 04:18:04 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 05 04:13:19 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.217	49	1402489	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	3566458	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	3166540	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	2533877	9.987	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.928	62	7435m	0.095	ppbv	
32) 1,1,1-Trichloroethane	6.028	97	16783	0.084	ppbv #	89
35) Carbon Tetrachloride	6.520	117	17612m	0.087	ppbv	
38) Trichloroethene	7.314	130	7845m	0.083	ppbv	
52) Tetrachloroethene	10.655	164	6932m	0.083	ppbv	
54) 1,2-Dibromoethane	10.037	107	10627m	0.076	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.092	83	19388m	0.083	ppbv	
79) Naphthalene	21.442	128	10393m	0.049	ppbv	

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

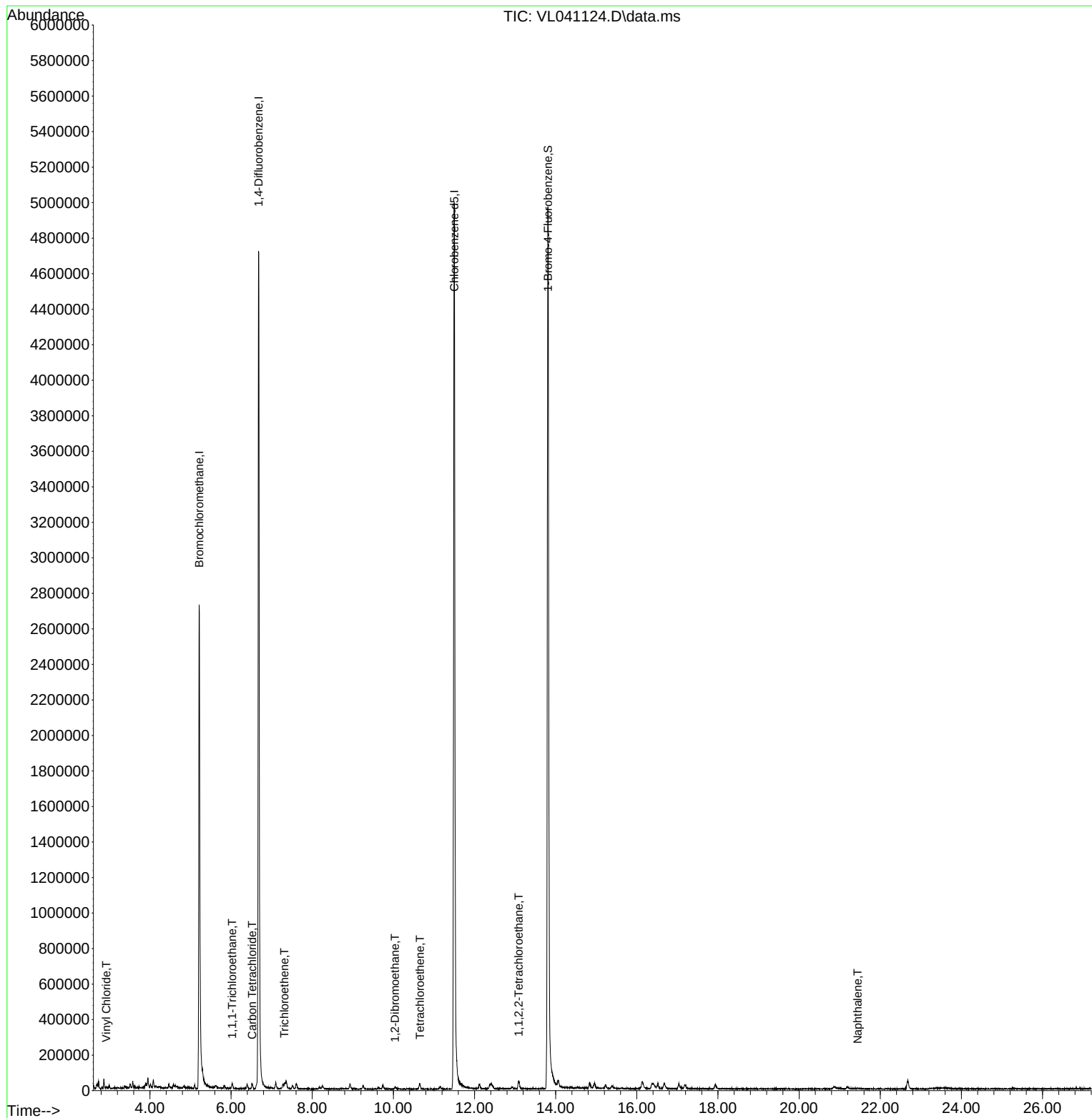
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

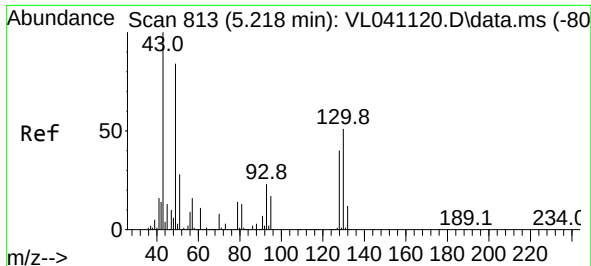
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Apr 05 04:18:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 05 04:13:19 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

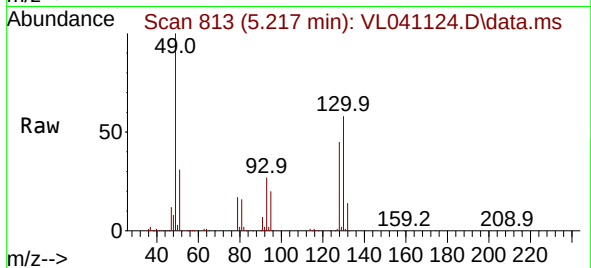
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 813
Delta R.T. -0.001 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

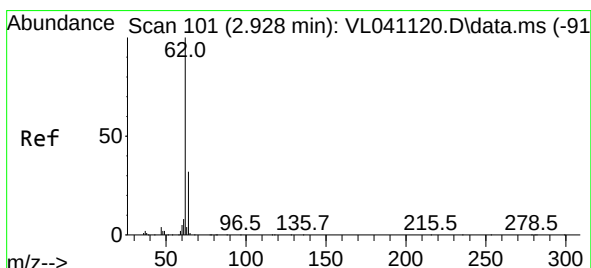
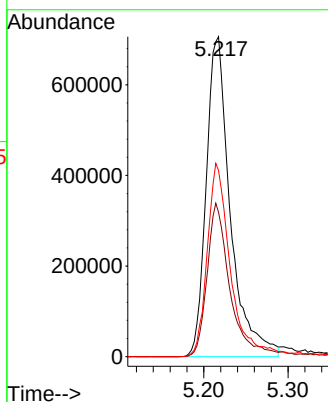
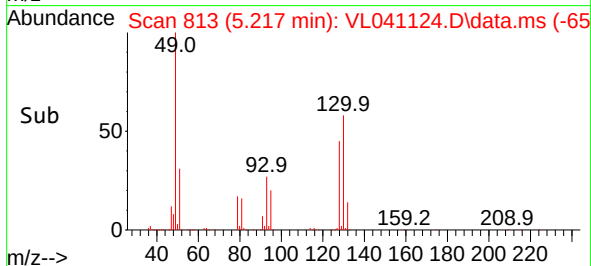
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion: 49 Resp: 1402489
Ion Ratio Lower Upper
49 100
128 47.7 23.6 71.0
130 60.1 30.1 90.5

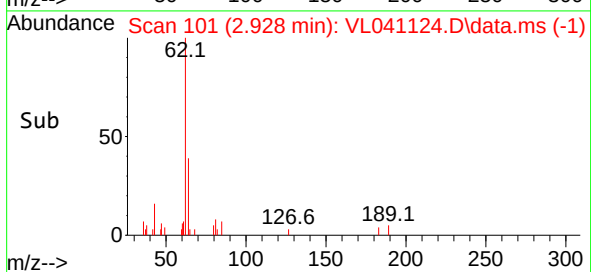
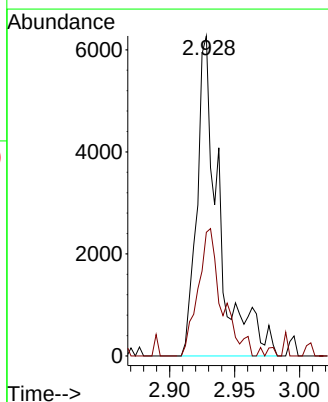
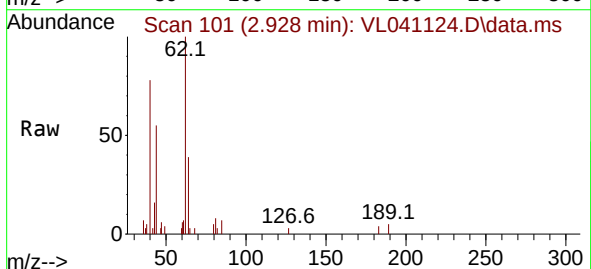
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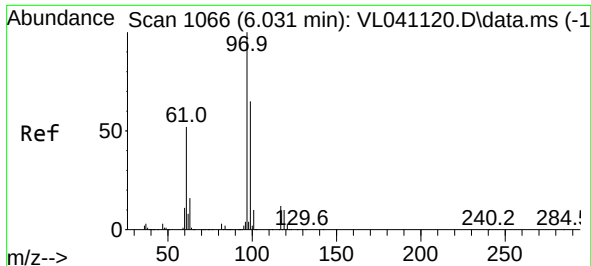
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#5
Vinyl Chloride
Concen: 0.095 ppbv m
RT: 2.928 min Scan# 101
Delta R.T. -0.000 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

Tgt Ion: 62 Resp: 7435
Ion Ratio Lower Upper
62 100
64 38.7 25.6 38.4#





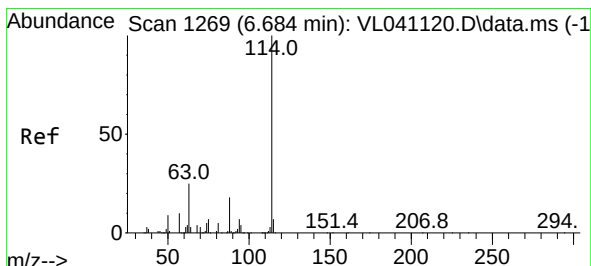
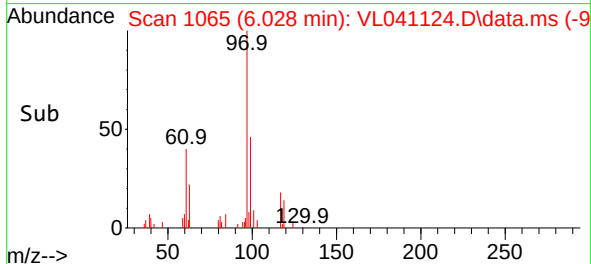
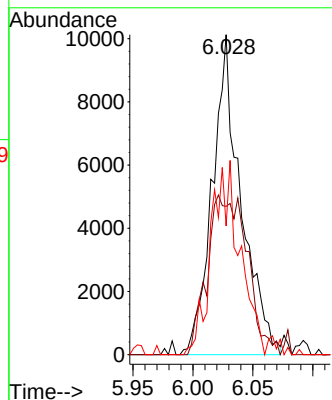
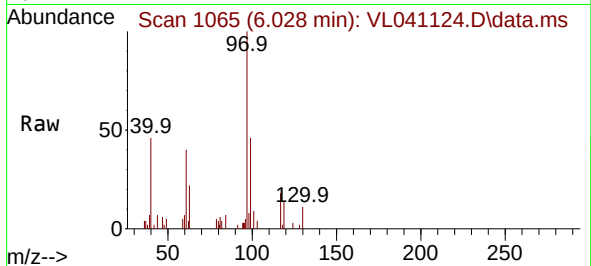
#32
1,1,1-Trichloroethane
Concen: 0.084 ppbv
RT: 6.028 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 97 Resp: 1678
Ion Ratio Lower Upper
97 100
99 70.9 52.0 78.0
61 61.9 40.5 60.7

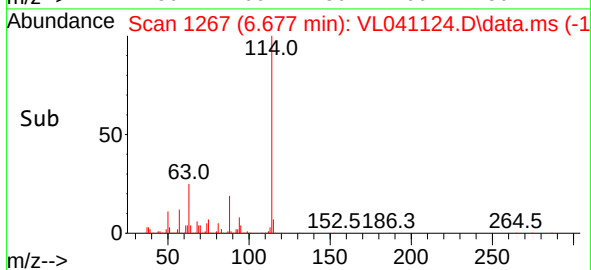
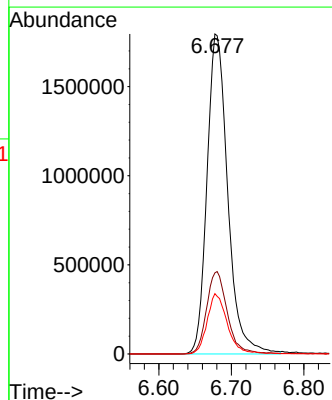
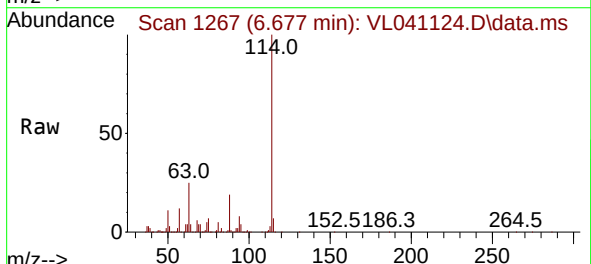
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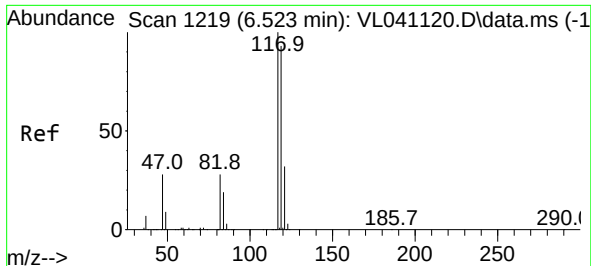
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1267
Delta R.T. -0.006 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

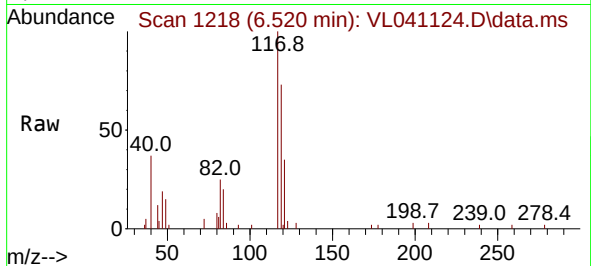
Tgt Ion:114 Resp: 3566458
Ion Ratio Lower Upper
114 100
63 25.9 20.9 31.3
88 18.5 14.5 21.7





#35
Carbon Tetrachloride
Concen: 0.087 ppbv m
RT: 6.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

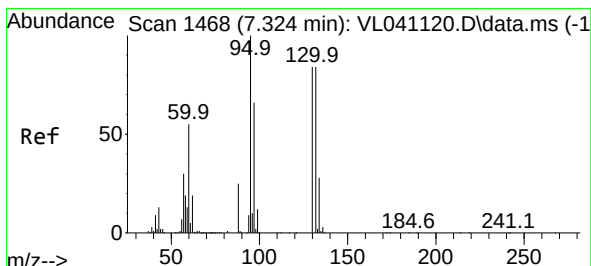
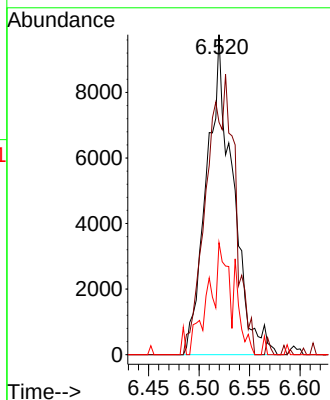
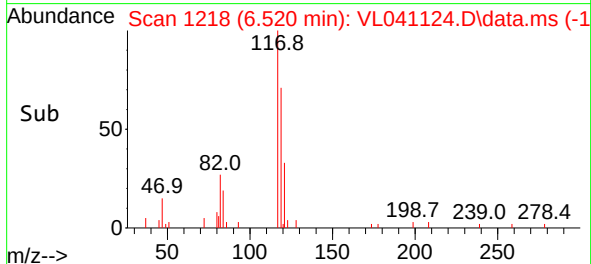
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 1761
Ion Ratio Lower Upper
117 100
119 72.6 74.2 111.4
121 35.0 25.4 38.2

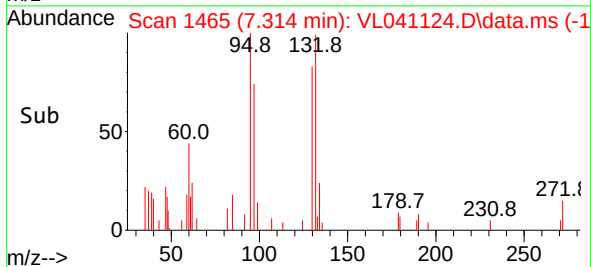
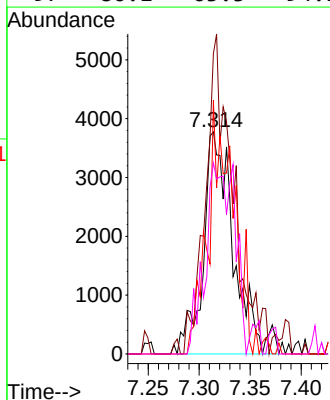
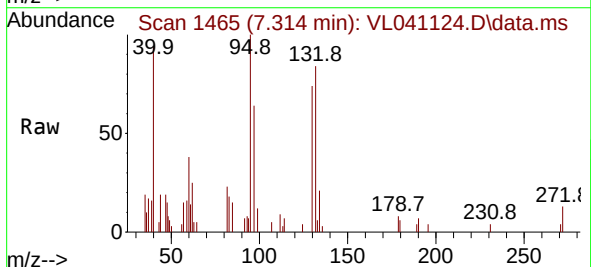
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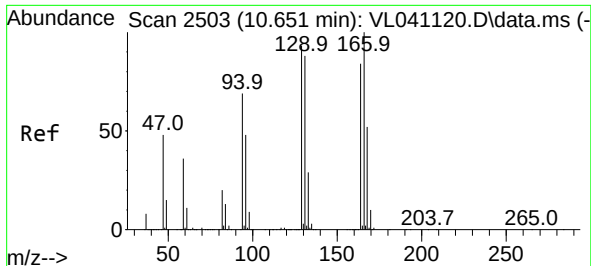
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#38
Trichloroethene
Concen: 0.083 ppbv m
RT: 7.314 min Scan# 1465
Delta R.T. -0.010 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

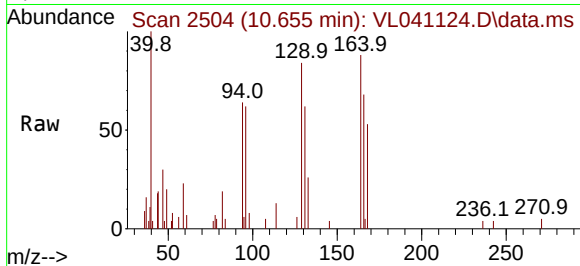
Tgt Ion:130 Resp: 7845
Ion Ratio Lower Upper
130 100
95 135.2 95.4 143.0
132 114.2 80.0 120.0
97 86.1 63.3 94.9





#52
Tetrachloroethene
Concen: 0.083 ppbv m
RT: 10.655 min Scan# 2503
Delta R.T. 0.003 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

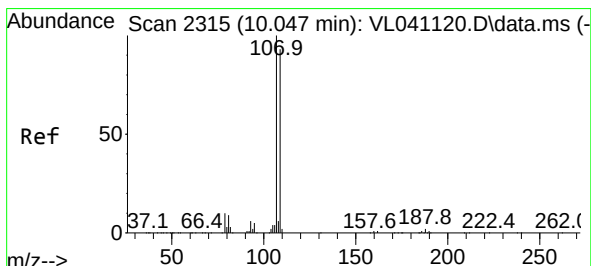
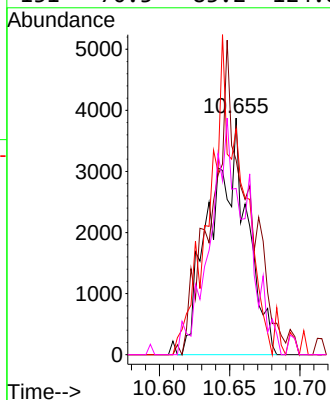
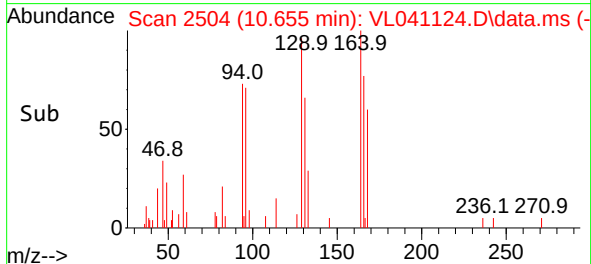
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



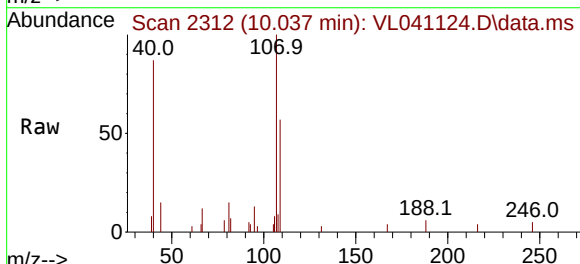
Tgt Ion:164 Resp: 6932
Ion Ratio Lower Upper
164 100
166 77.1 95.0 142.6
129 95.6 88.7 133.1
131 70.3 83.2 124.8#

Manual Integrations
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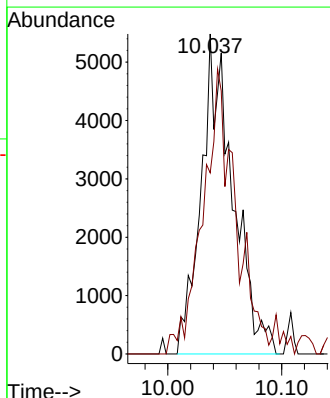
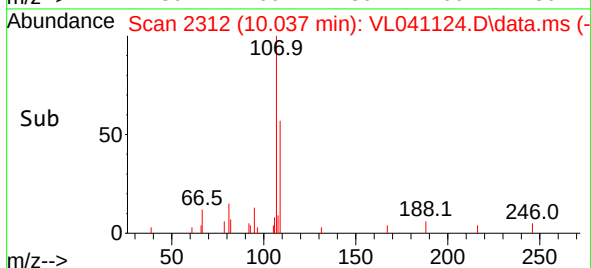
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024

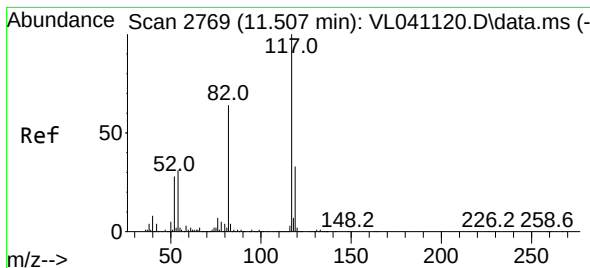


#54
1,2-Dibromoethane
Concen: 0.076 ppbv m
RT: 10.037 min Scan# 2312
Delta R.T. -0.010 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01



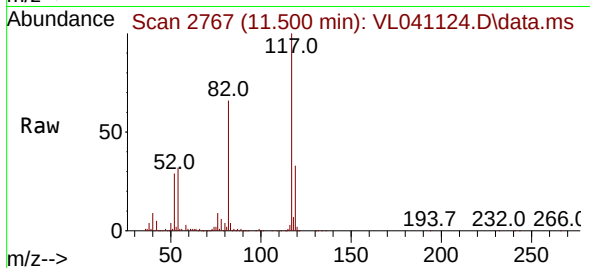
Tgt Ion:107 Resp: 10627
Ion Ratio Lower Upper
107 100
109 56.6 74.3 111.5#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

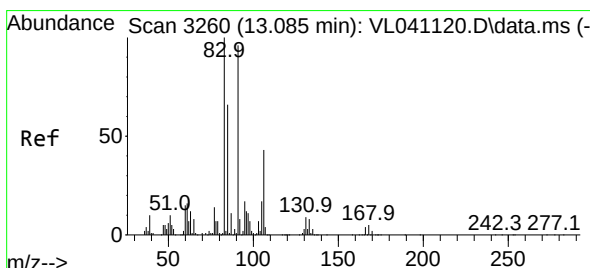
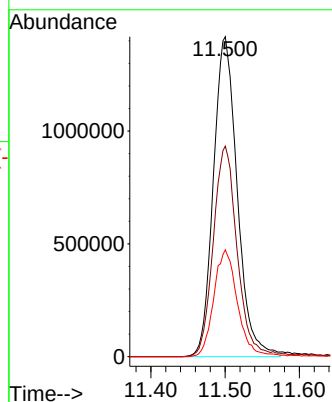
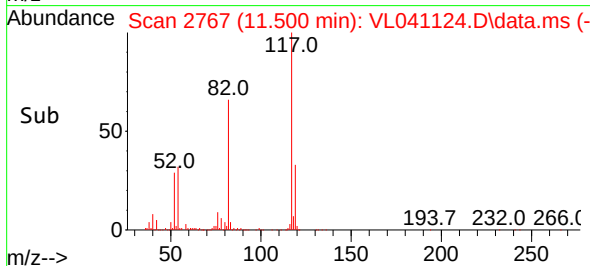
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 3166540
Ion Ratio Lower Upper
117 100
82 66.8 51.0 76.6
119 33.8 25.2 37.8

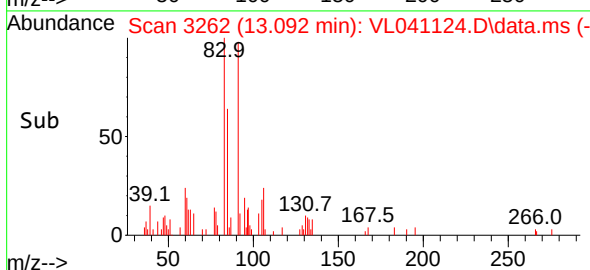
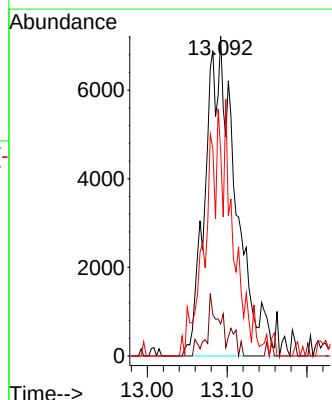
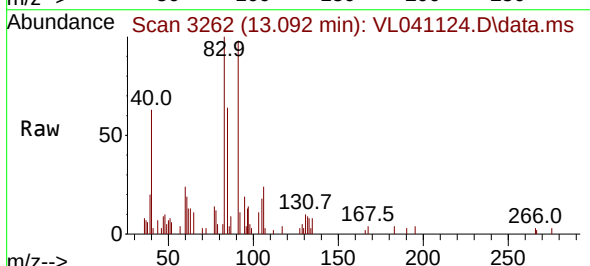
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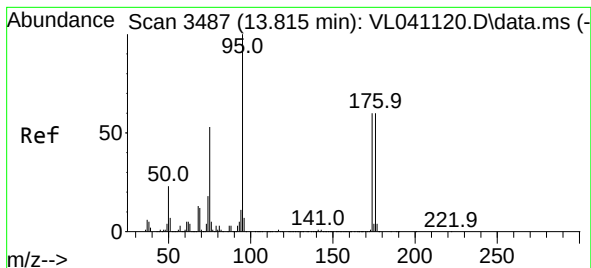
Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.083 ppbv m
RT: 13.092 min Scan# 3262
Delta R.T. 0.006 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

Tgt Ion: 83 Resp: 19388
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.0
85 0.0 33.1 99.2#





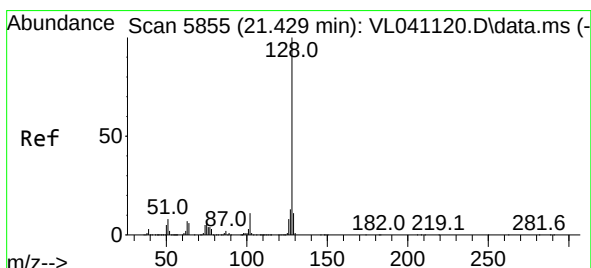
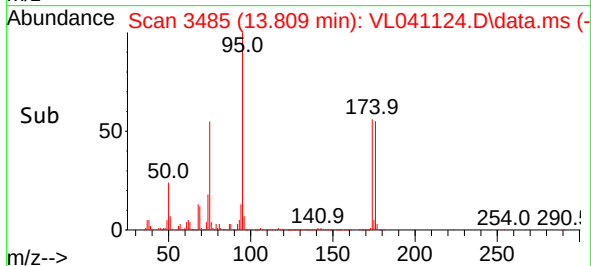
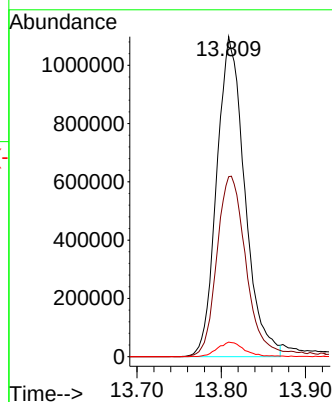
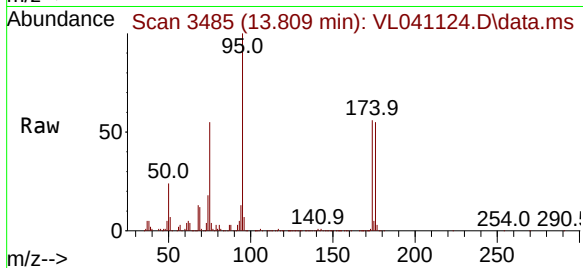
#68
1-Bromo-4-Fluorobenzene
Concen: 9.987 ppbv
RT: 13.809 min Scan# 3487
Delta R.T. -0.006 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1

Tgt Ion: 95 Resp: 253387
Ion Ratio Lower Upper
95 100
174 61.1 49.3 73.9
175 4.6 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/05/2024
Supervised By :Mahesh Dadoda 04/05/2024



#79
Naphthalene
Concen: 0.049 ppbv m
RT: 21.442 min Scan# 5859
Delta R.T. 0.013 min
Lab File: VL041124.D
Acq: 4 Apr 2024 12:01

Tgt Ion:128 Resp: 10393
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 8.4 8.6 12.8#

