

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041192.D
 Acq On : 2 May 2024 12:01
 Operator : SY/MD
 Sample : P2334-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BA-20-SS02-20240425DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/06/2024
 Supervised By :Mahesh Dadoda 05/07/2024

Quant Time: May 03 03:39:22 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 03 03:34:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	970734	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2477654	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2215808	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1689095	10.097	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%
Target Compounds						
					Qvalue	
13) Ethanol	3.256	45	19425m	1.502	ppbv	
20) Methylene Chloride	3.931	84	174128	4.371	ppbv	95
26) Hexane	5.211	57	133844	1.312	ppbv #	42
32) 1,1,1-Trichloroethane	6.002	97	10273m	0.073	ppbv	
38) Trichloroethene	7.291	130	256652	3.312	ppbv	98
52) Tetrachloroethene	10.610	164	4156m	0.057	ppbv	
53) Toluene	9.221	91	12970m	0.054	ppbv	

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

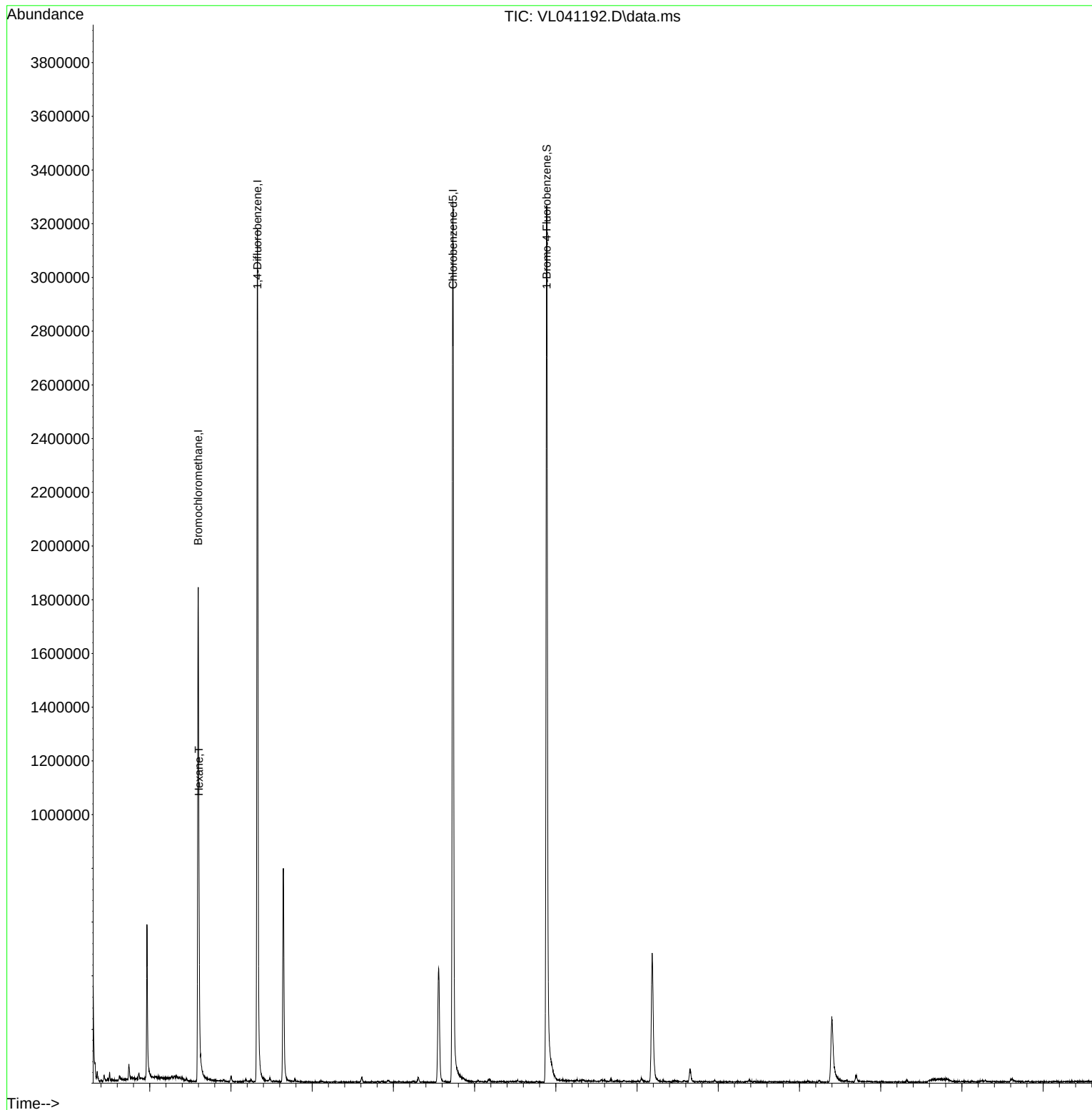
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
Data File : VL041192.D
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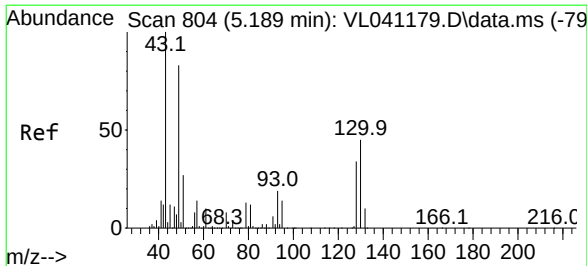
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS02-20240425DL

Quant Time: May 03 03:39:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 03 03:34:47 2024
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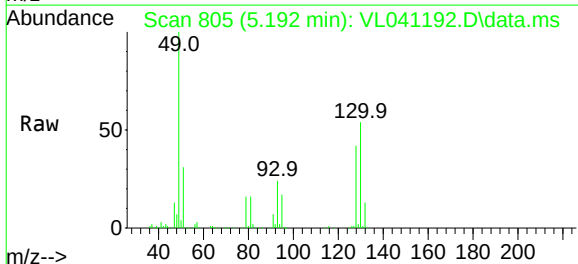
Reviewed By : Semsettin Yesilyurt 05/06/2024
Supervised By : Mahesh Dadoda 05/07/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

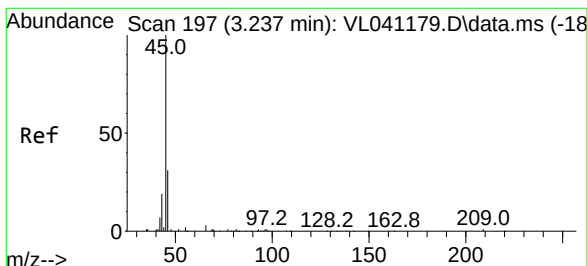
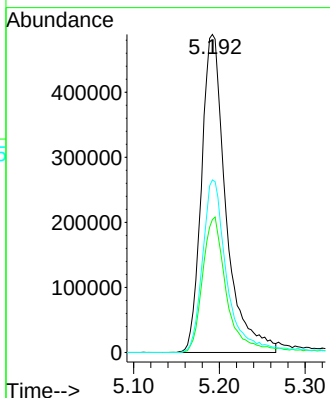
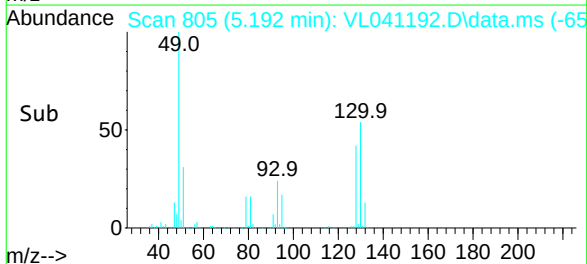
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS02-20240425DL



Tgt Ion: 49 Resp: 970734
Ion Ratio Lower Upper
49 100
128 43.6 21.5 64.5
130 55.3 27.2 81.6

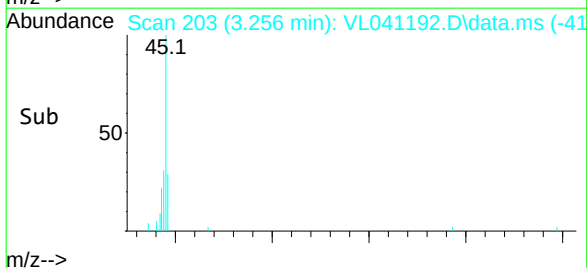
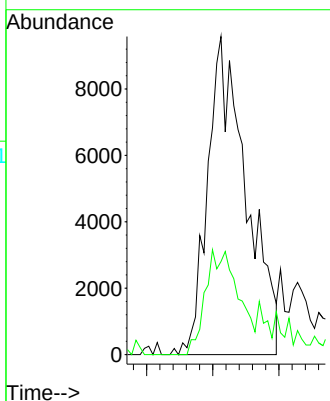
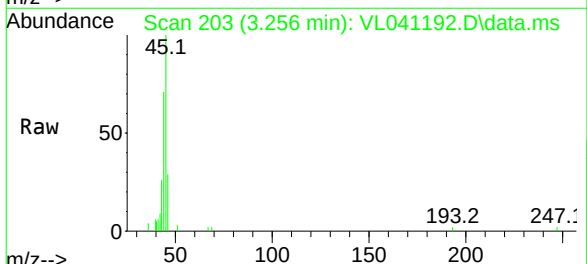
Manual Integrations
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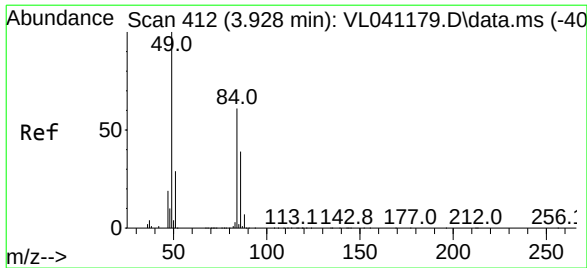
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#13
Ethanol
Concen: 1.502 ppbv m
RT: 3.256 min Scan# 203
Delta R.T. 0.019 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

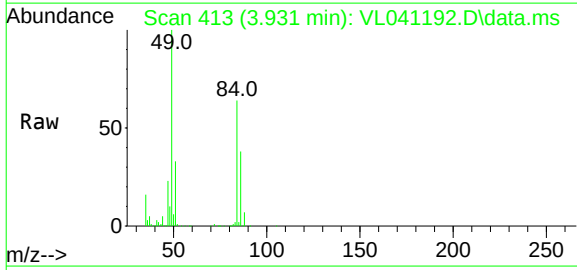
Tgt Ion: 45 Resp: 19425
Ion Ratio Lower Upper
45 100
46 40.0 14.8 59.0





#20
Methylene Chloride
Concen: 4.371 ppbv
RT: 3.931 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

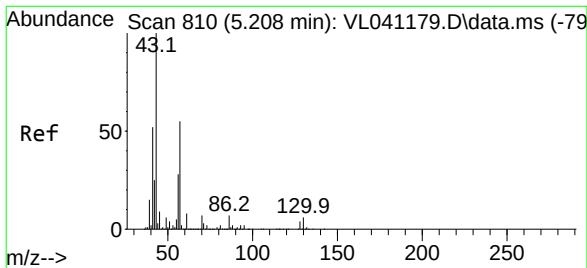
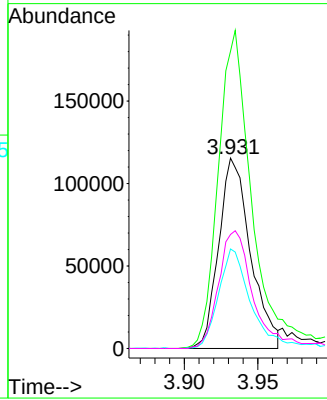
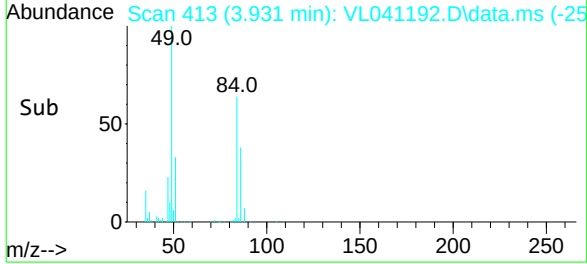
Instrument :
MSVOA_L
ClientSampleId :
BA-20-SS02-20240425DL



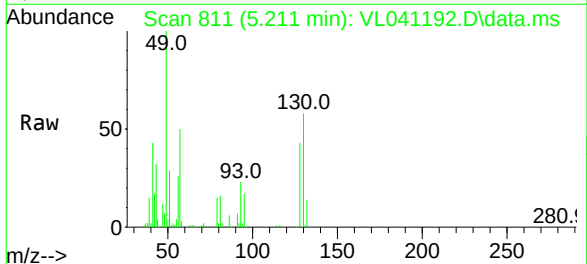
Tgt Ion: 84 Resp: 174128
Ion Ratio Lower Upper
84 100
49 156.2 130.4 195.6
51 52.3 38.0 57.0
86 59.9 50.3 75.5

Manual Integrations
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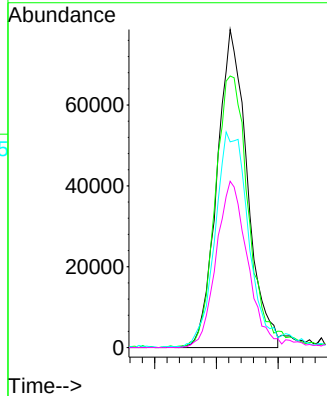
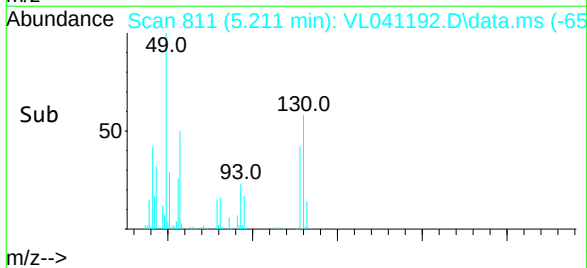
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Supervised By :Mahesh Dadoda 05/07/2024

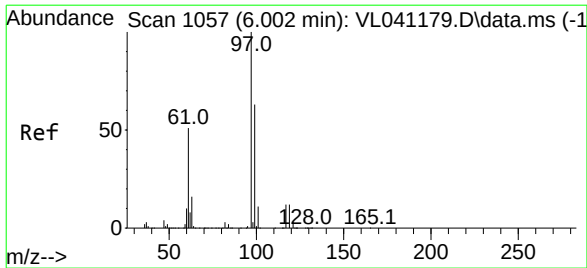


#26
Hexane
Concen: 1.312 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01



Tgt Ion: 57 Resp: 133844
Ion Ratio Lower Upper
57 100
41 97.2 75.8 113.8
43 78.0 187.0 280.4#
56 55.8 42.7 64.1





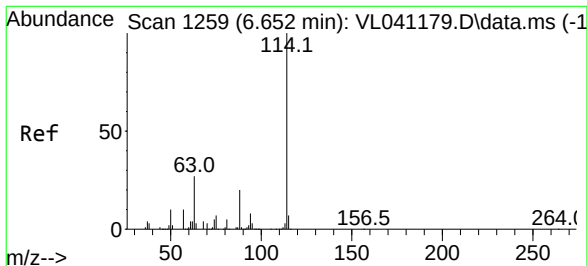
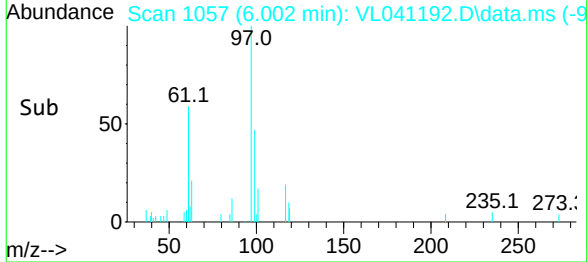
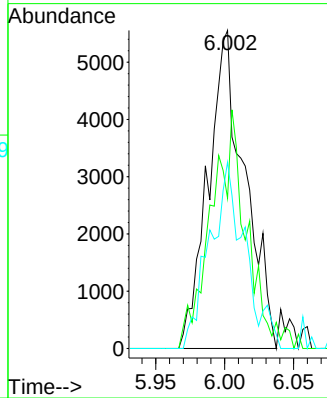
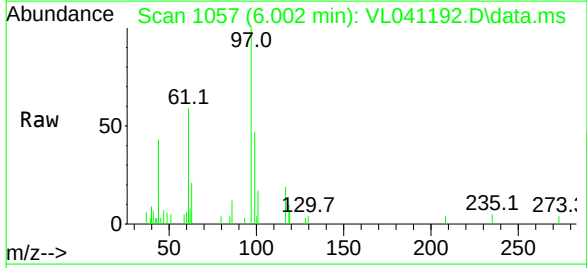
#32
1,1,1-Trichloroethane
Concen: 0.073 ppbv m
RT: 6.002 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

Instrument : MSVOA_L
ClientSampleId : BA-20-SS02-20240425DL

Tgt Ion: 97	Resp: 10273
Ion Ratio	Lower Upper
97 100	
99 72.5	51.7 77.5
61 56.2	41.1 61.7

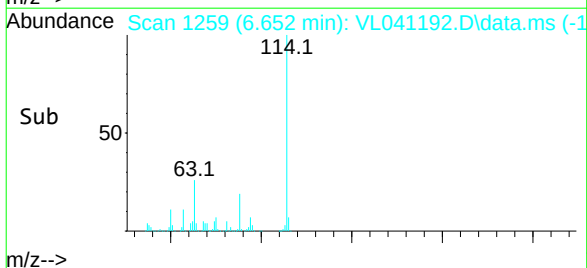
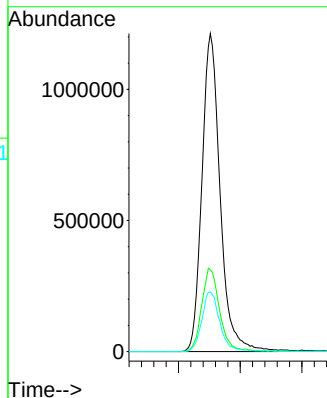
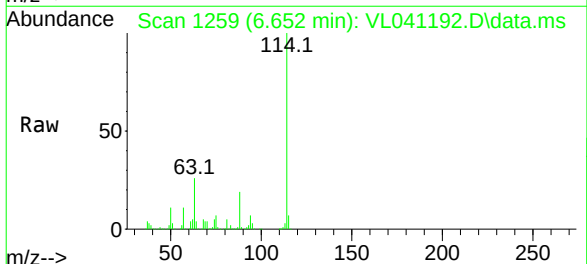
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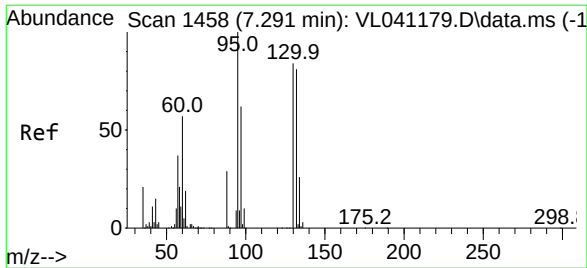
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

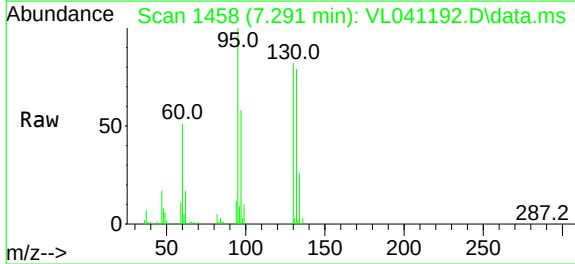
Tgt Ion: 114	Resp: 2477654
Ion Ratio	Lower Upper
114 100	
63 26.1	21.8 32.6
88 18.8	15.2 22.8





#38
Trichloroethene
Concen: 3.312 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.003 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

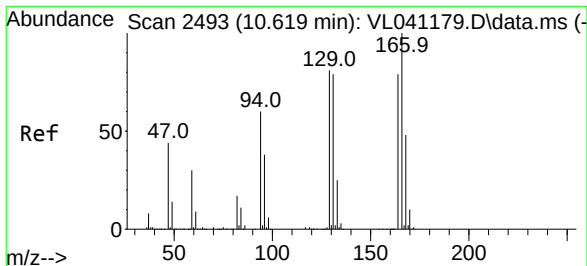
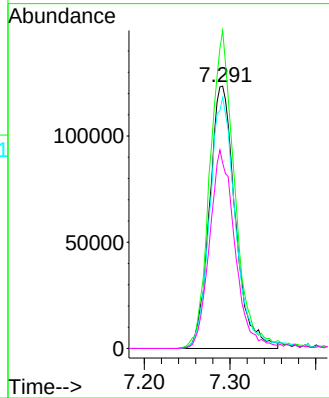
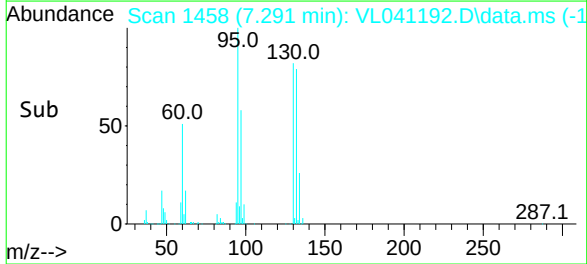
Instrument : MSVOA_L
ClientSampleId : BA-20-SS02-20240425DL



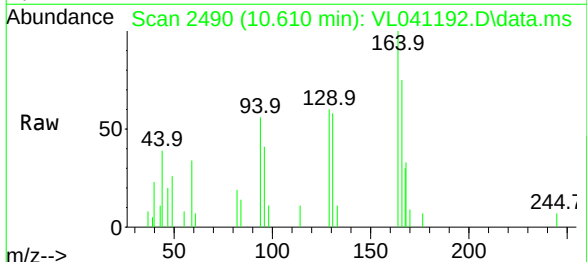
Tgt Ion:130 Resp: 256652
Ion Ratio Lower Upper
130 100
95 121.1 95.0 142.6
132 95.7 77.0 115.4
97 70.7 59.1 88.7

Manual Integrations
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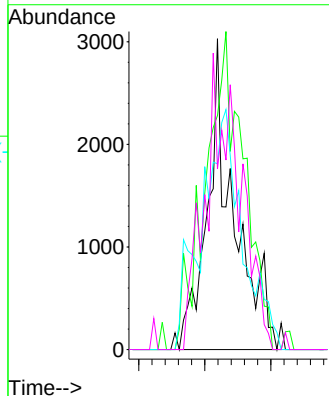
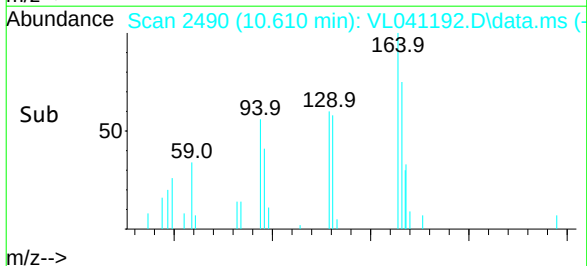
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024

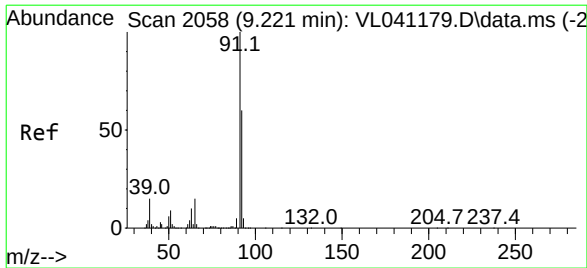


#52
Tetrachloroethene
Concen: 0.057 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01



Tgt Ion:164 Resp: 4156
Ion Ratio Lower Upper
164 100
166 75.3 101.1 151.7#
129 59.8 81.7 122.5#
131 58.1 80.4 120.6#





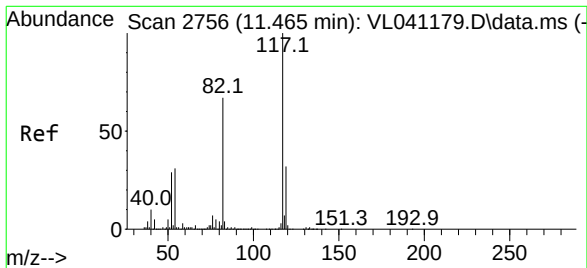
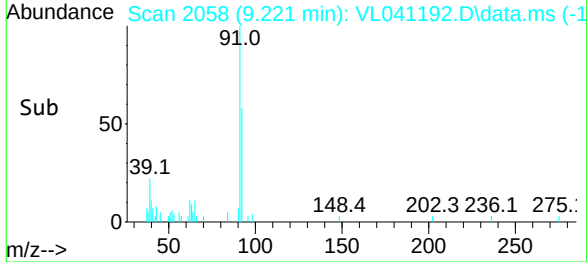
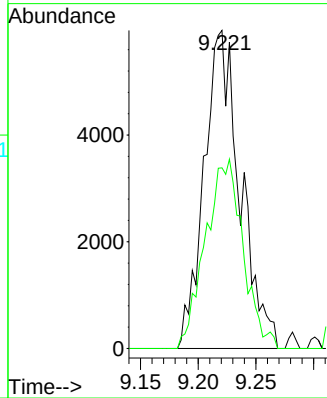
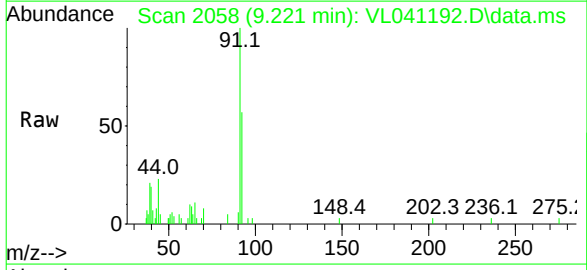
#53
Toluene
Concen: 0.054 ppbv m
RT: 9.221 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

Instrument : MSVOA_L
ClientSampleId : BA-20-SS02-20240425DL

Tgt Ion: 91 Resp: 12970
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4

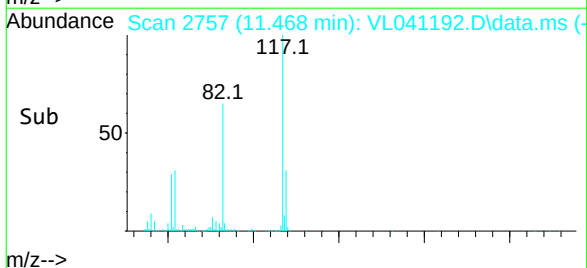
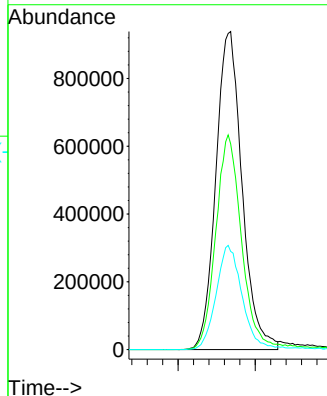
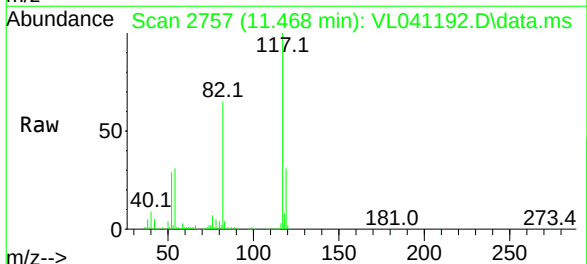
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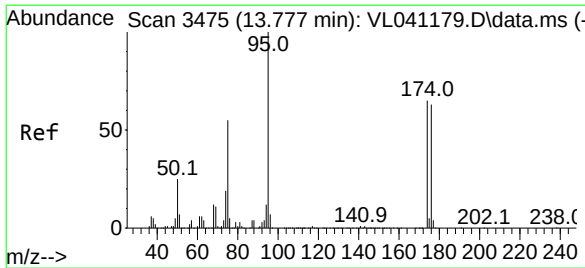
Reviewed By :Semsettin Yesilyurt 05/06/2024
Supervised By :Mahesh Dadoda 05/07/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

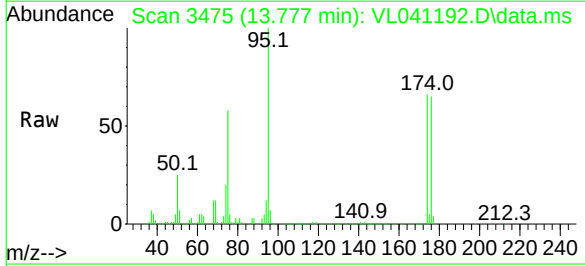
Tgt Ion:117 Resp: 2215808
Ion Ratio Lower Upper
117 100
82 68.0 53.6 80.4
119 33.4 27.2 40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.097 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041192.D
Acq: 2 May 2024 12:01

Instrument : MSVOA_L
ClientSampleId : BA-20-SS02-20240425DL



Tgt Ion: 95 Resp: 1689095

Ion	Ratio	Lower	Upper
95	100		
174	69.8	53.6	80.4
175	5.4	4.2	6.4

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