

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041804.D
 Acq On : 18 Dec 2024 21:03
 Operator : SY/MD
 Sample : P5294-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/19/2024
 Supervised By : Mahesh Dadoda 12/19/2024

Quant Time: Dec 19 07:59:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	74183	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.975	114	178760	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	153579	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	126475	9.882	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	1495	0.113	ppbv #	81
4) Chloromethane	1.538	50	1030	0.199	ppbv #	79
9) Propene	1.492	41	5061	0.965	ppbv	84
13) Ethanol	1.725	45	183984	423.747	ppbv	94
15) Acetone	1.842	43	29117	2.017	ppbv #	86
19) Isopropyl Alcohol	1.894	45	12087	1.396	ppbv #	38
20) Methylene Chloride	2.068	84	993	0.241	ppbv #	71
34) 2-Butanone	2.570	43	3358	0.233	ppbv	100
36) Benzene	3.674	78	2231m	0.121	ppbv	
53) Toluene	6.956	91	3710m	0.177	ppbv	

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

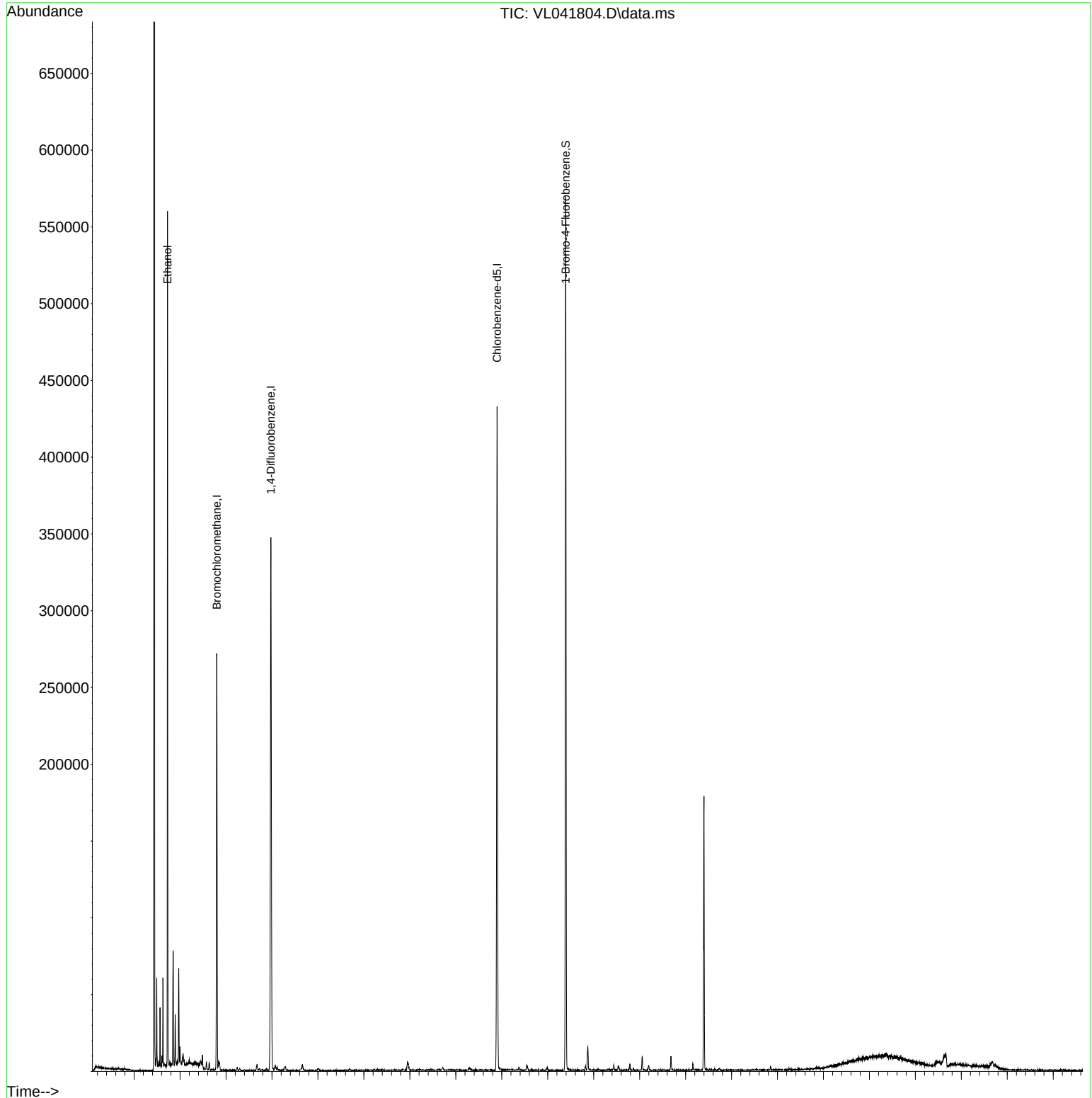
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041804.D
Acq On : 18 Dec 2024 21:03
Operator : SY/MD
Sample : P5294-03 4X
Misc : 400mL/MSVOA_L
ALS Vial : 12 Sample Multiplier: 1

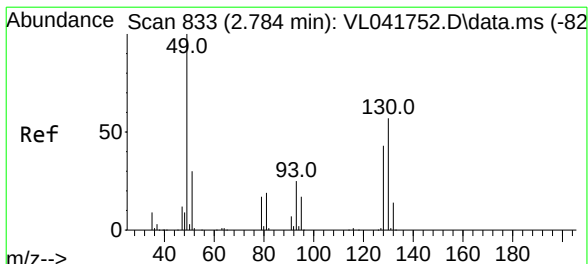
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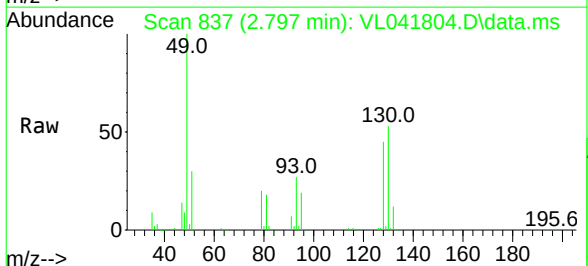
Quant Time: Dec 19 07:59:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration





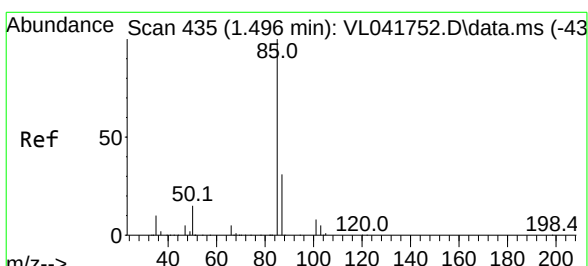
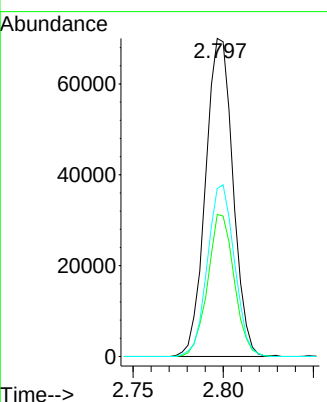
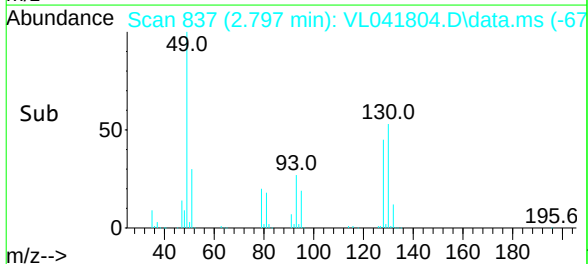
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 837
 Delta R.T. 0.013 min
 Lab File: VL041804.D
 Acq: 18 Dec 2024 21:03

Instrument : MSVOA_L
 ClientSampleId : C0AB8

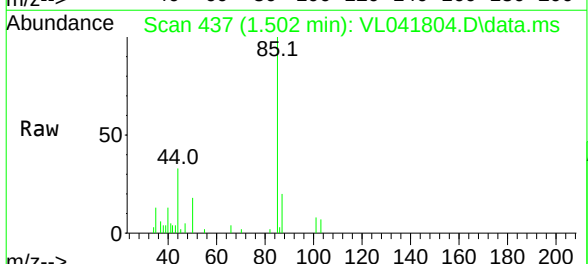


Tgt Ion:	49	Resp:	74183
Ion	Ratio	Lower	Upper
49	100		
128	43.1	21.6	64.6
130	53.0	28.3	85.0

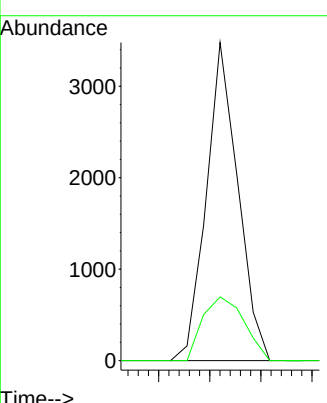
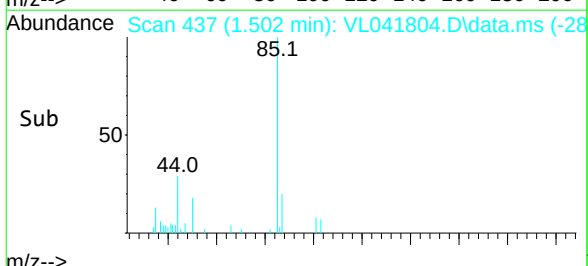
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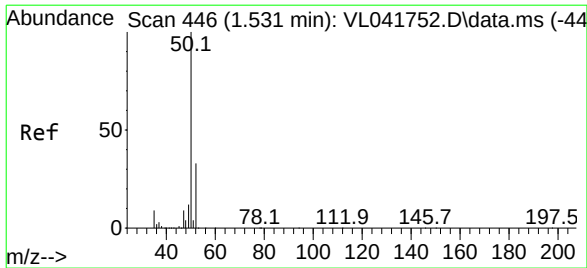


#2
 Dichlorodifluoromethane
 Concen: 0.113 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.006 min
 Lab File: VL041804.D
 Acq: 18 Dec 2024 21:03



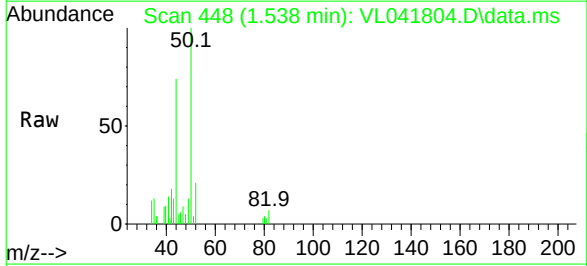
Tgt Ion:	85	Resp:	1495
Ion	Ratio	Lower	Upper
85	100		
87	20.0	24.5	36.7





#4
Chloromethane
Concen: 0.199 ppbv
RT: 1.538 min Scan# 44
Delta R.T. 0.006 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03

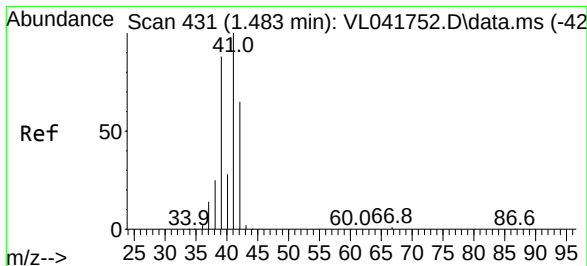
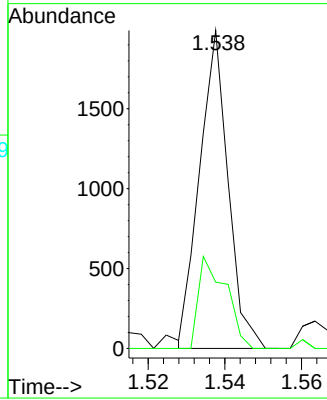
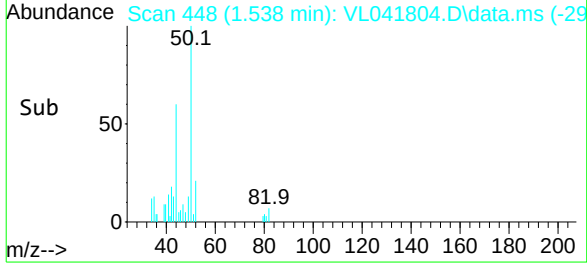
Instrument :
MSVOA_L
ClientSampleId :
C0AB8



Tgt Ion: 50 Resp: 1030
Ion Ratio Lower Upper
50 100
52 20.9 26.2 39.2#

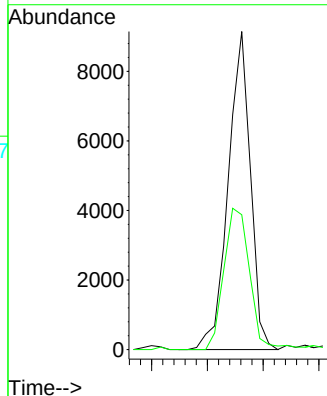
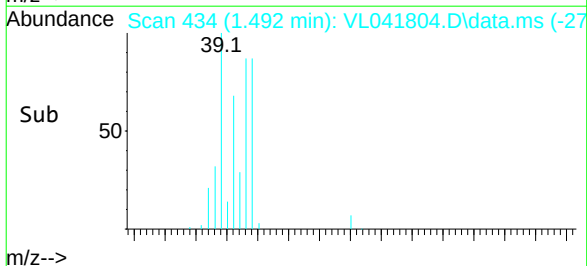
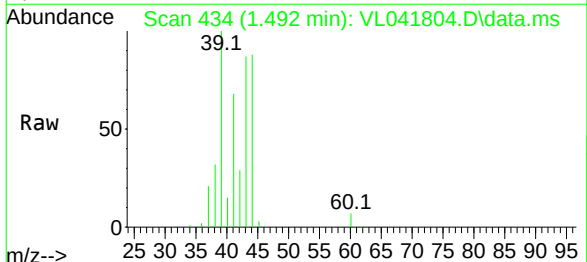
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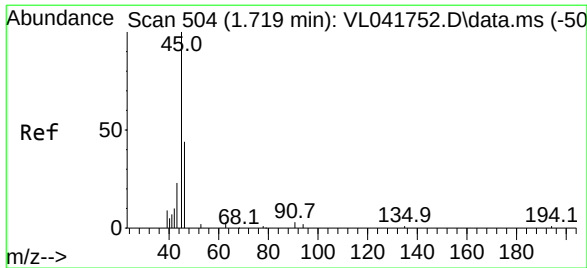
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024



#9
Propene
Concen: 0.965 ppbv
RT: 1.492 min Scan# 434
Delta R.T. 0.009 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03

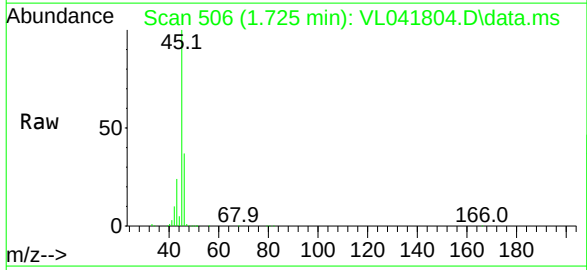
Tgt Ion: 41 Resp: 5061
Ion Ratio Lower Upper
41 100
42 52.9 52.4 78.6





#13
Ethanol
Concen: 423.747 ppbv
RT: 1.725 min Scan# 50
Delta R.T. 0.006 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03

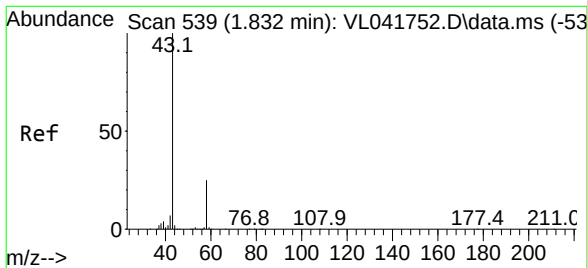
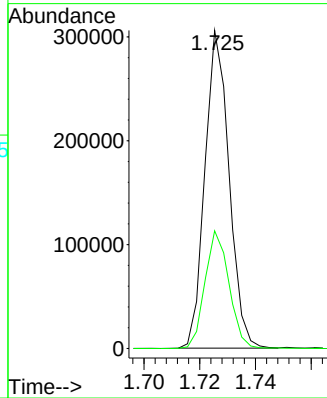
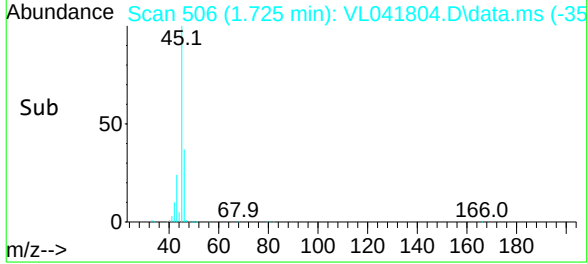
Instrument :
MSVOA_L
ClientSampleId :
C0AB8



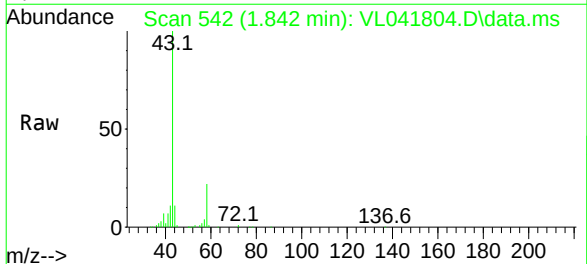
Tgt Ion: 45 Resp: 183984
Ion Ratio Lower Upper
45 100
46 37.1 16.4 65.8

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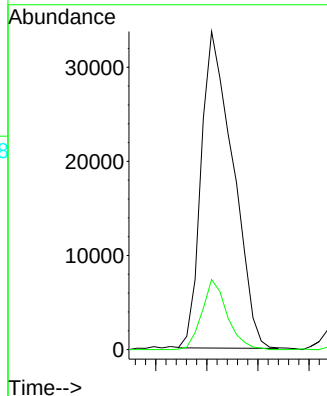
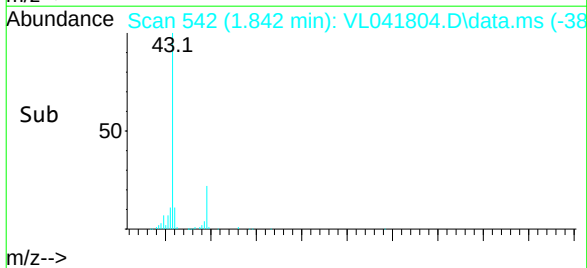
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

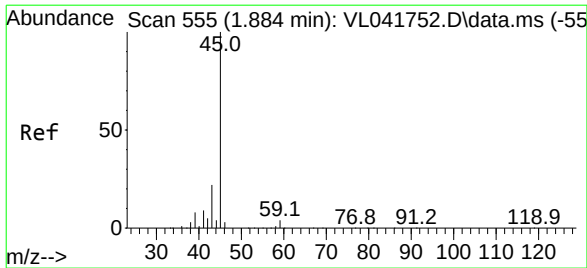


#15
Acetone
Concen: 2.017 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.009 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03



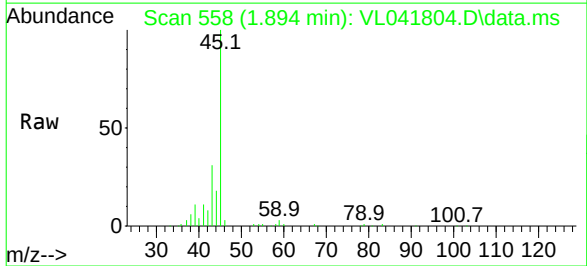
Tgt Ion: 43 Resp: 29117
Ion Ratio Lower Upper
43 100
58 17.5 19.7 29.5#





#19
Isopropyl Alcohol
Concen: 1.396 ppbv
RT: 1.894 min Scan# 555
Delta R.T. 0.009 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03

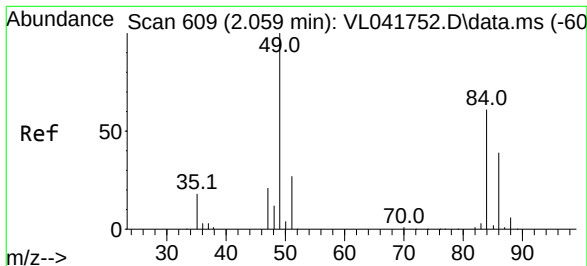
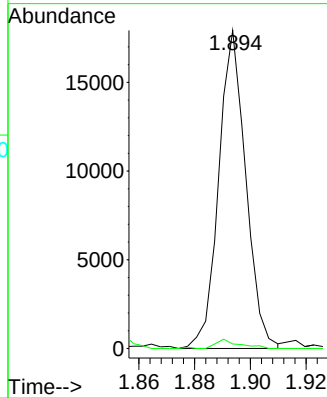
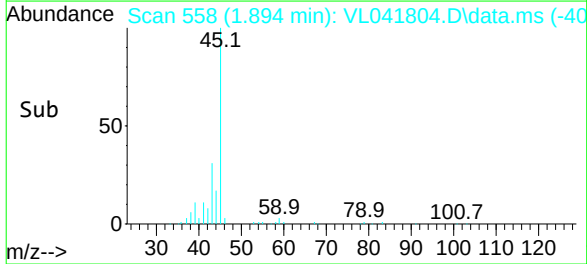
Instrument :
MSVOA_L
ClientSampleId :
C0AB8



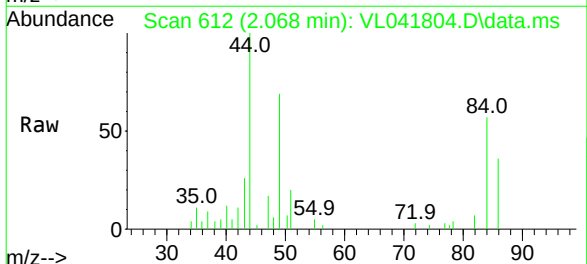
Tgt Ion: 45 Resp: 12087
Ion Ratio Lower Upper
45 100
58 2.6 33.3 49.9#

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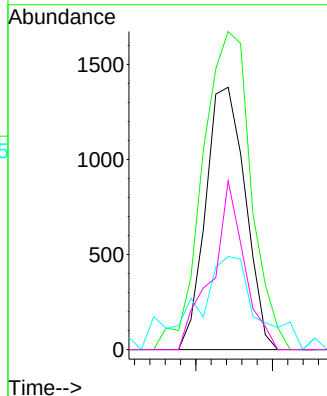
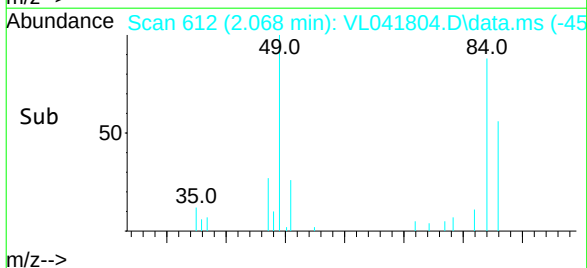
Reviewed By :Semsettin Yesilyurt 12/19/2024
Supervised By :Mahesh Dadoda 12/19/2024

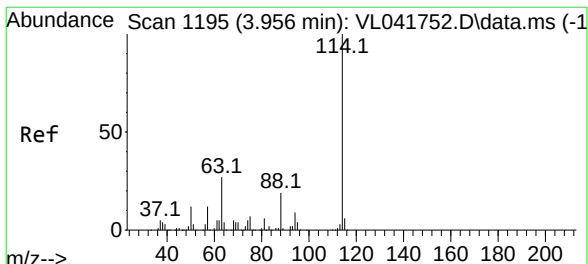


#20
Methylene Chloride
Concen: 0.241 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.009 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03



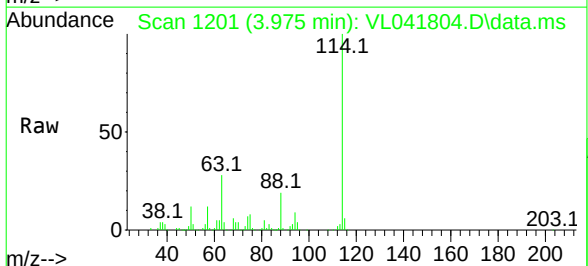
Tgt Ion: 84 Resp: 993
Ion Ratio Lower Upper
84 100
49 112.8 132.6 198.8#
51 27.1 37.6 56.4#
86 64.3 51.4 77.0





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.975 min Scan# 12
 Delta R.T. 0.019 min
 Lab File: VL041804.D
 Acq: 18 Dec 2024 21:03

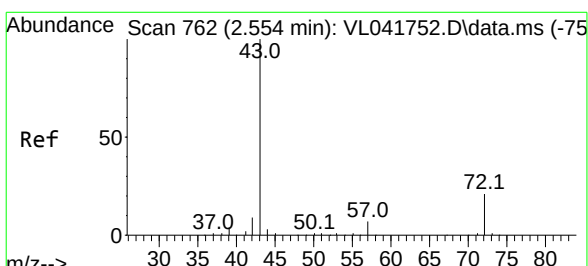
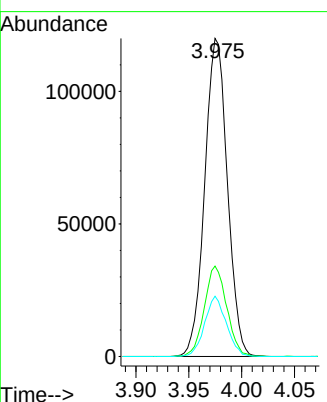
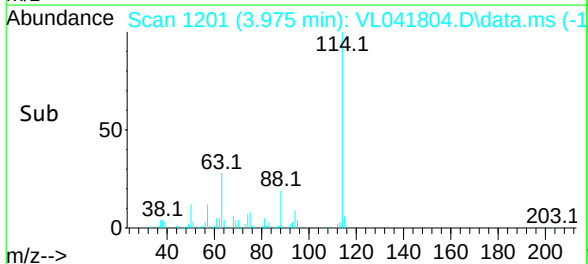
Instrument : MSVOA_L
 ClientSampleId : C0AB8



Tgt Ion: 114 Resp: 178760

Ion	Ratio	Lower	Upper
114	100		
63	28.2	21.8	32.8
88	18.2	14.8	22.2

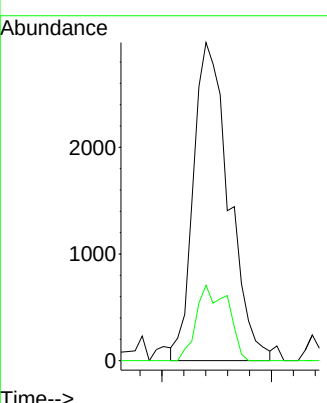
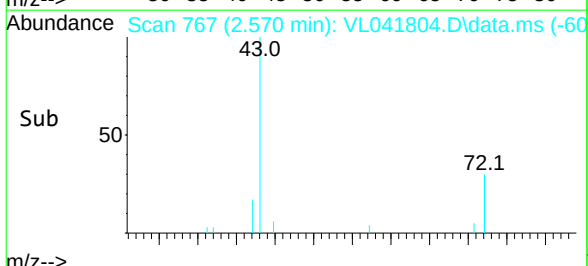
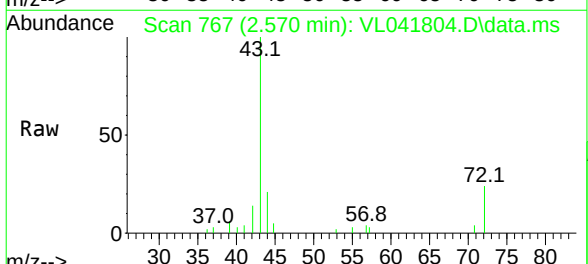
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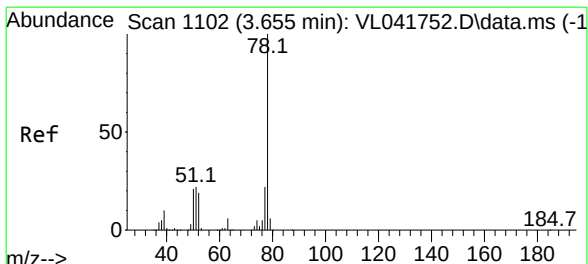


#34
 2-Butanone
 Concen: 0.233 ppbv
 RT: 2.570 min Scan# 767
 Delta R.T. 0.016 min
 Lab File: VL041804.D
 Acq: 18 Dec 2024 21:03

Tgt Ion: 43 Resp: 3358

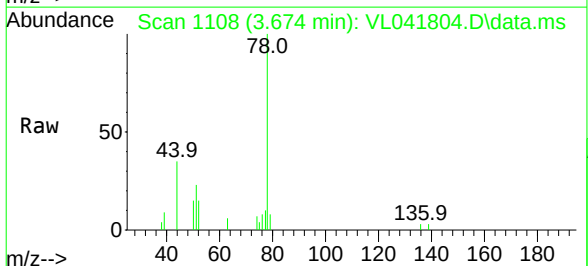
Ion	Ratio	Lower	Upper
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72	21.1	16.8	25.2





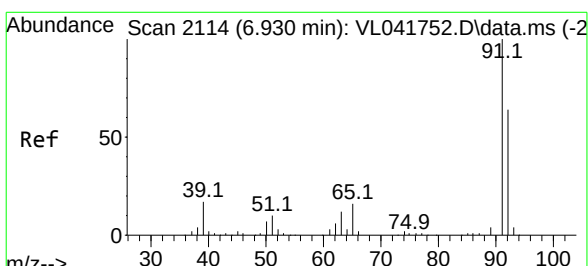
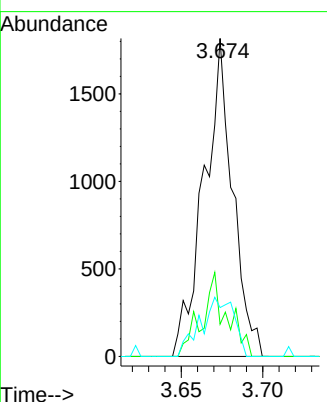
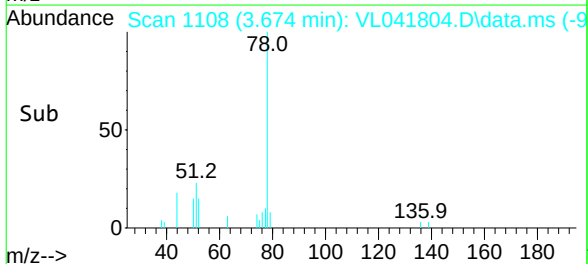
#36
Benzene
Concen: 0.121 ppbv m
RT: 3.674 min Scan# 1108
Delta R.T. 0.019 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03

Instrument : MSVOA_L
ClientSampleId : C0AB8

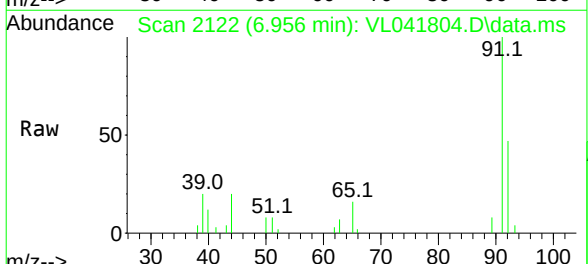


Tgt Ion	Ratio	Lower	Upper
78	100		
77	10.1	17.8	26.6#
50	15.4	17.2	25.8#

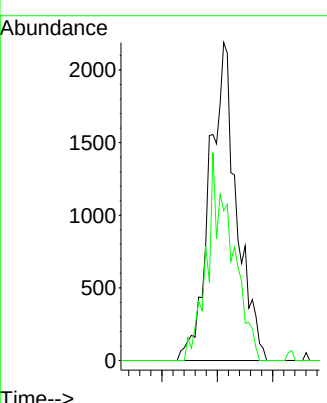
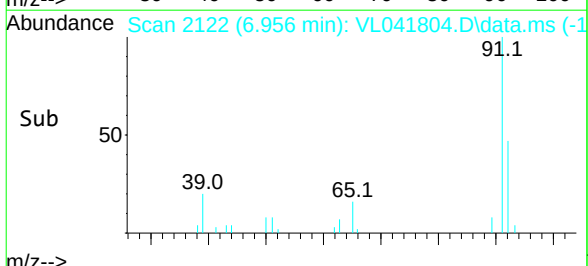
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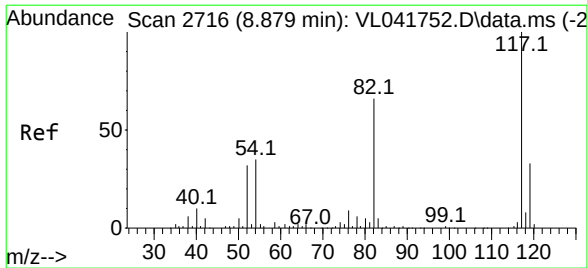


#53
Toluene
Concen: 0.177 ppbv m
RT: 6.956 min Scan# 2122
Delta R.T. 0.026 min
Lab File: VL041804.D
Acq: 18 Dec 2024 21:03



Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.9	71.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2716

Delta R.T. 0.019 min

Lab File: VL041804.D

Acq: 18 Dec 2024 21:03

Instrument :

MSVOA_L

ClientSampleId :

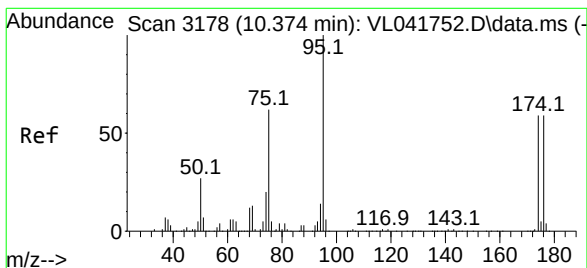
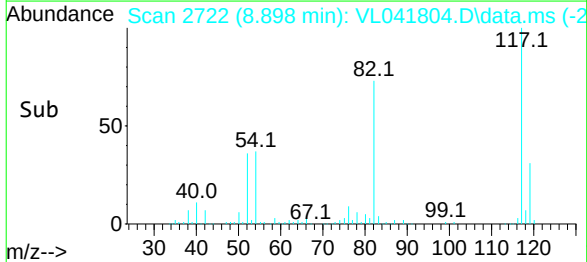
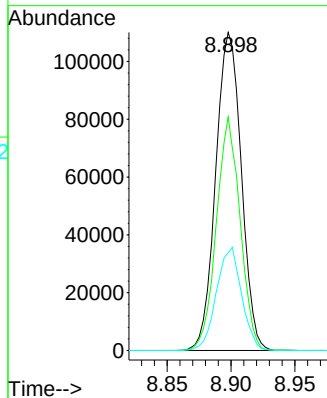
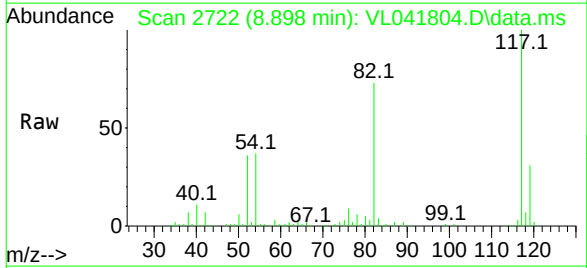
C0AB8

Tgt Ion:	117	Resp:	153579
Ion	Ratio	Lower	Upper
117	100		
82	68.0	53.8	80.8
119	31.9	26.7	40.1

Manual Integrations

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Supervised By :Mahesh Dadoda 12/19/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 9.882 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. 0.016 min

Lab File: VL041804.D

Acq: 18 Dec 2024 21:03

Tgt Ion:	95	Resp:	126475
Ion	Ratio	Lower	Upper
95	100		
174	58.9	47.6	71.4
175	4.4	3.7	5.5

