

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041686.D
 Acq On : 7 Nov 2024 20:24
 Operator : SY/MD
 Sample : P4696-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 03:53:18 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 01:01:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1117519	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3083094	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2747012	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2062550	10.190	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.900%
Target Compounds						Qvalue
9) Propene	2.703	41	15747	0.248	ppbv	89
13) Ethanol	3.243	45	100405m	25.845	ppbv	
15) Acetone	3.472	43	604136	4.393	ppbv	100
19) Isopropyl Alcohol	3.574	45	782365	11.901	ppbv	100
34) 2-Butanone	4.793	43	45064m	0.294	ppbv	

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

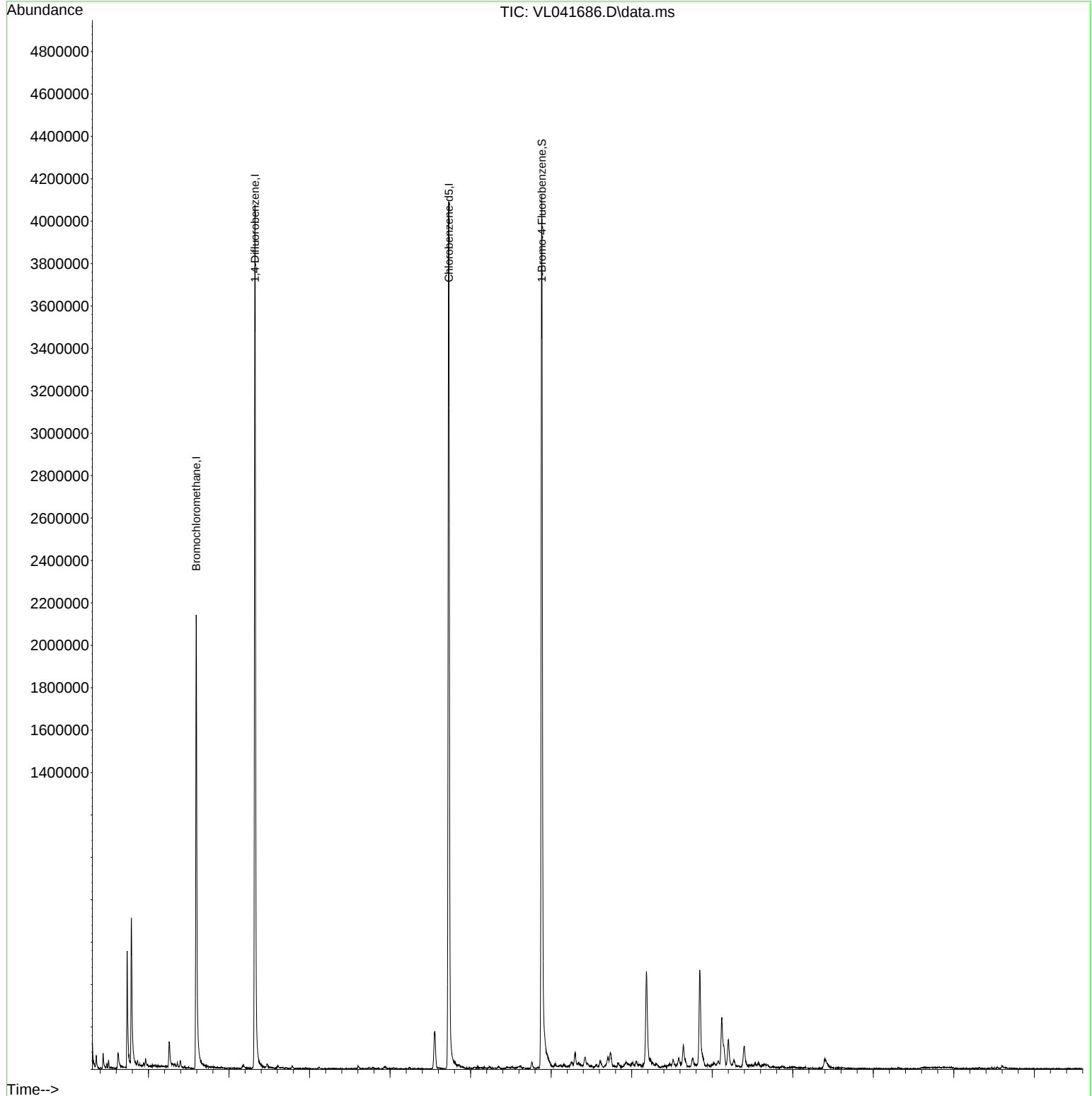
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
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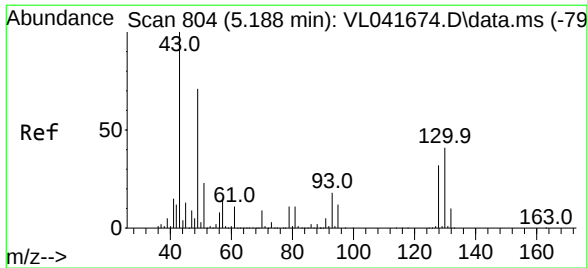
Instrument :
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ClientSampleId :
SV1DL

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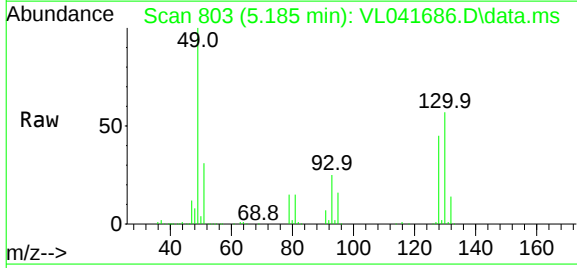
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Nov 08 01:01:00 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

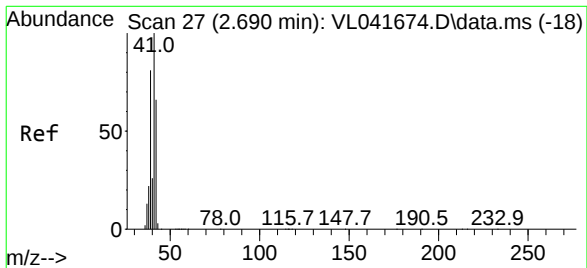
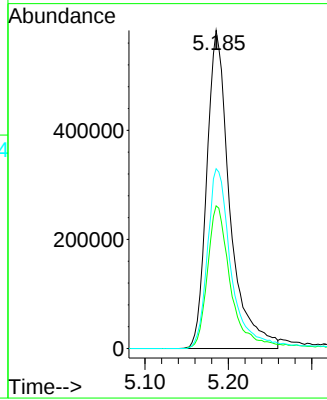
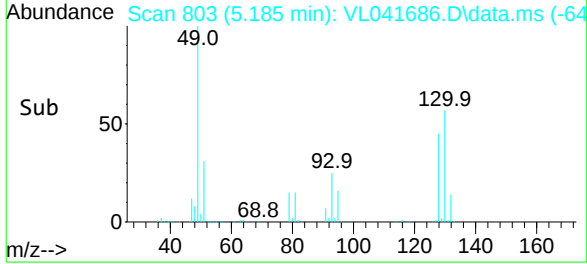
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1117519
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.2
130 60.3 30.1 90.5

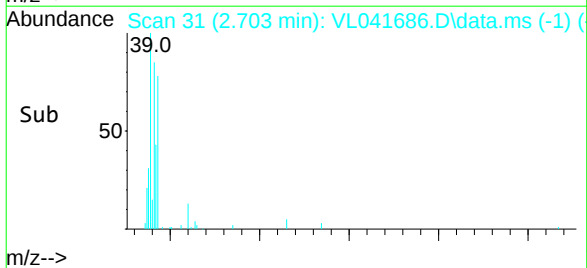
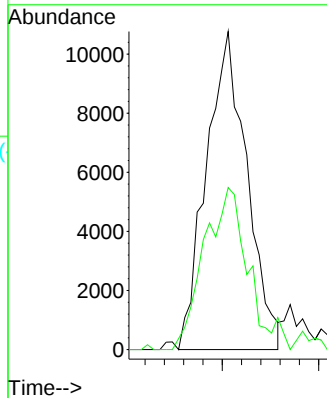
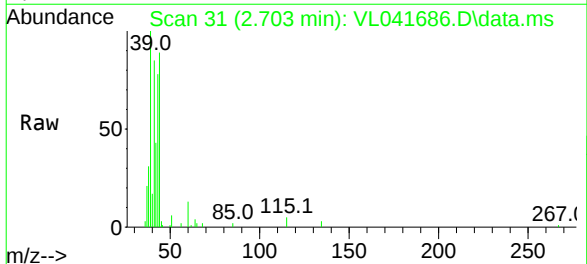
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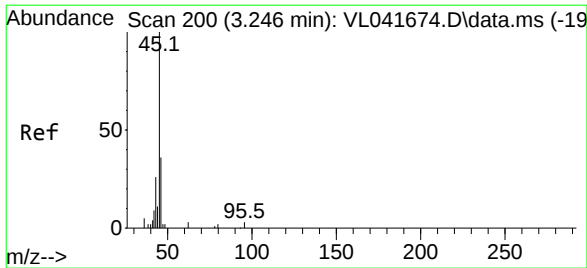
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#9
Propene
Concen: 0.248 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

Tgt Ion: 41 Resp: 15747
Ion Ratio Lower Upper
41 100
42 59.5 55.0 82.4





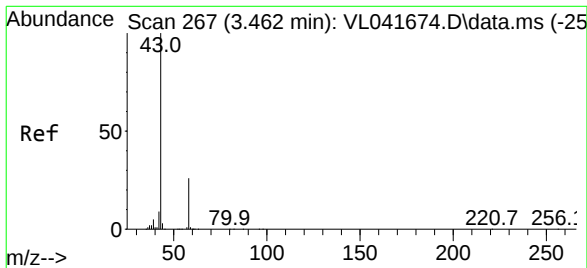
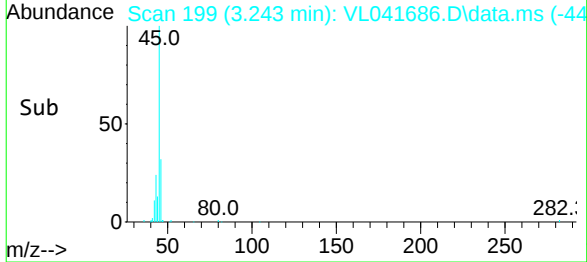
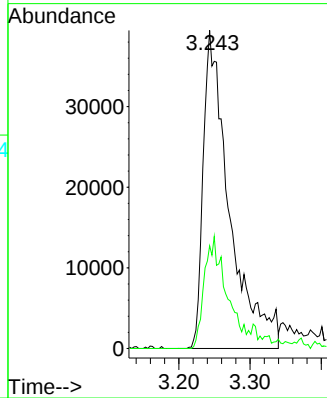
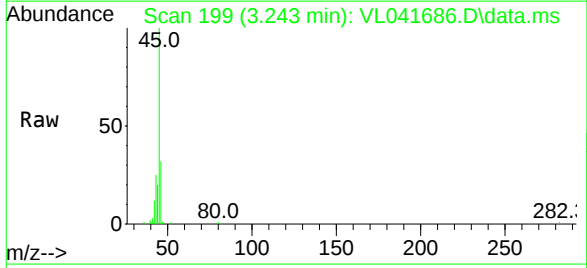
#13
Ethanol
Concen: 25.845 ppbv m
RT: 3.243 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 45 Resp: 100405
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.2#

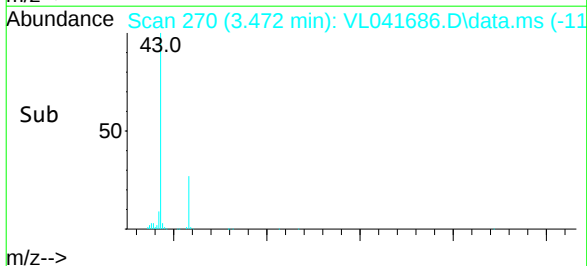
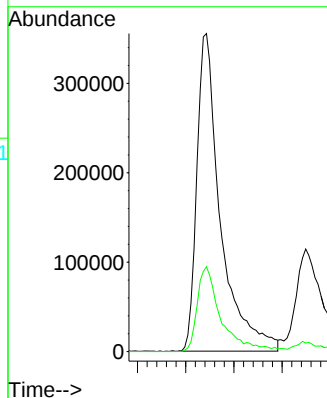
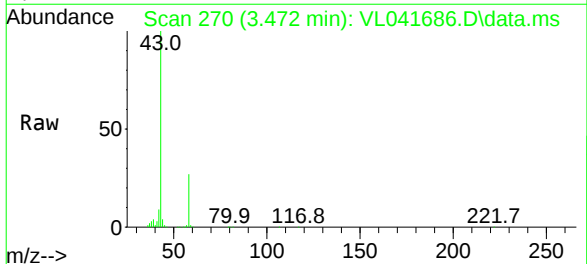
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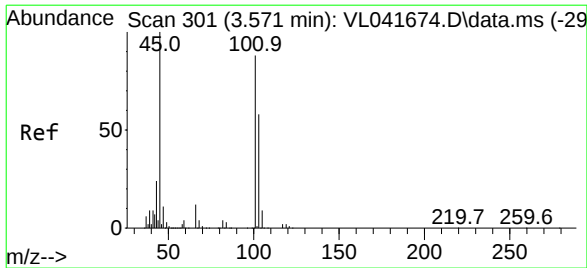
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#15
Acetone
Concen: 4.393 ppbv
RT: 3.472 min Scan# 270
Delta R.T. 0.010 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

Tgt Ion: 43 Resp: 604136
Ion Ratio Lower Upper
43 100
58 26.6 21.4 32.0





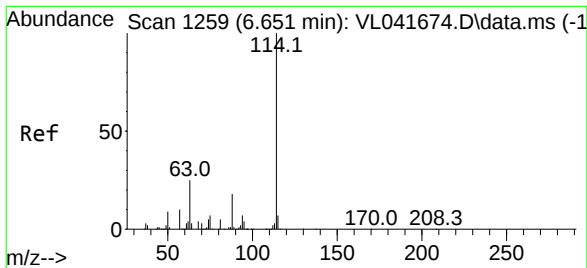
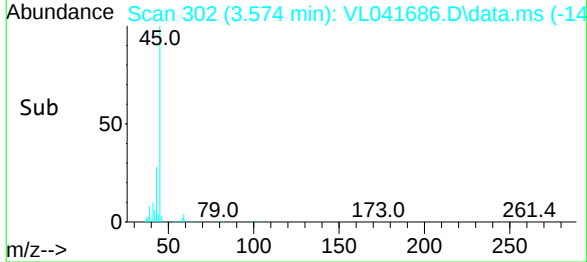
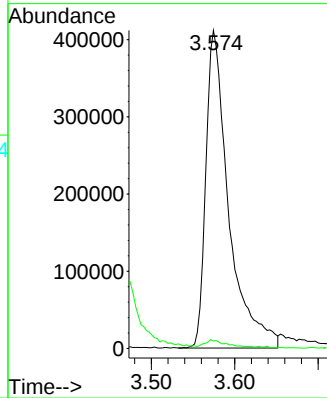
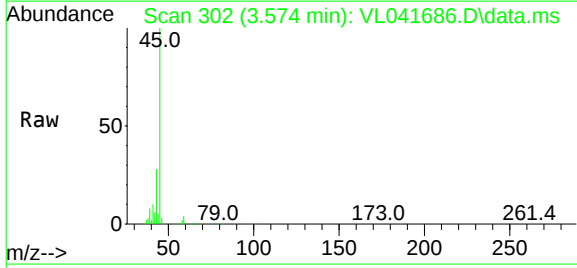
#19
Isopropyl Alcohol
Concen: 11.901 ppbv
RT: 3.574 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 45 Resp: 782365
Ion Ratio Lower Upper
45 100
58 3.0 2.5 3.7

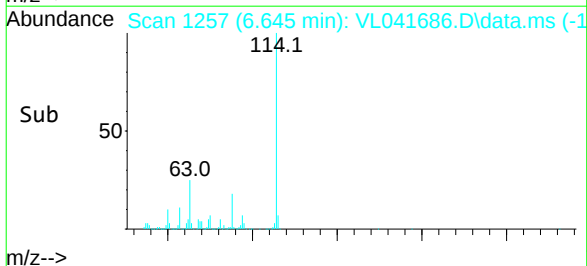
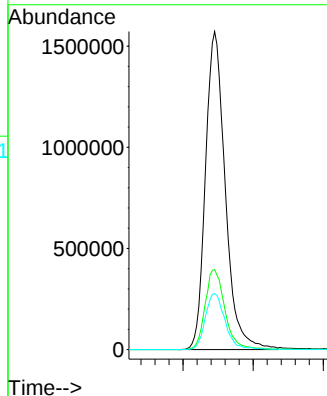
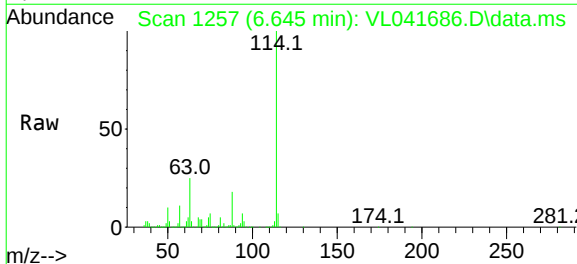
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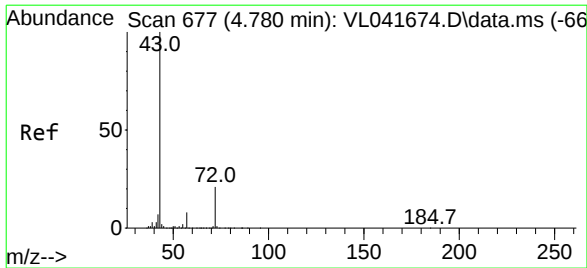
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Supervised By :Semsettin Yesilyurt 11/09/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

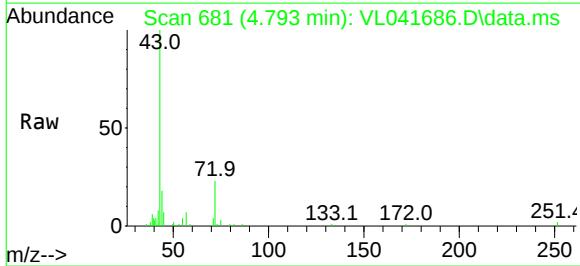
Tgt Ion:114 Resp: 3083094
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 17.7 14.2 21.4





#34
2-Butanone
Concen: 0.294 ppbv m
RT: 4.793 min Scan# 681
Delta R.T. 0.013 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

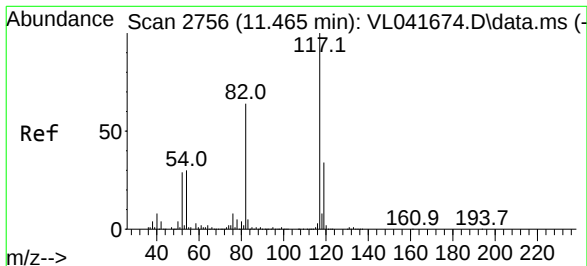
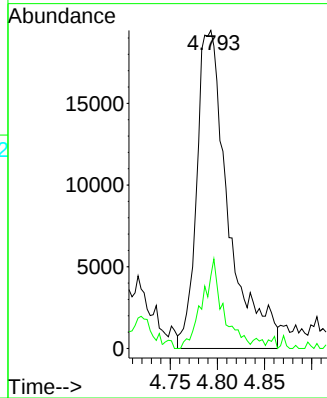
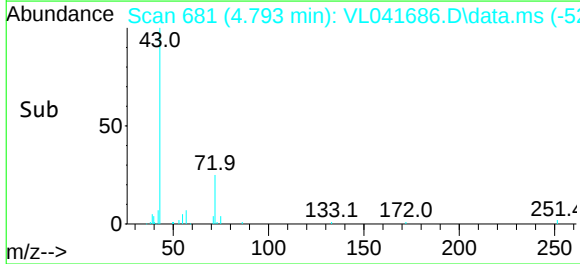
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 45064
Ion Ratio Lower Upper
43 100
72 0.0 17.4 26.0

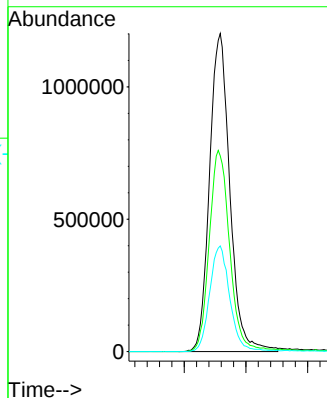
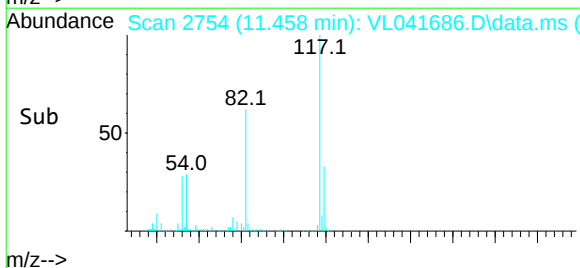
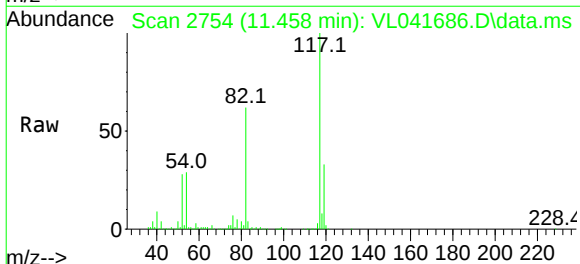
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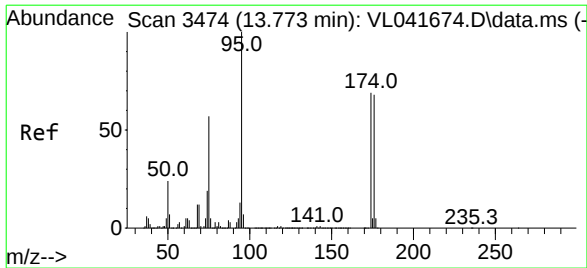
Reviewed By :Mahesh Dadoda 11/09/2024
Supervised By :Semsettin Yesilyurt 11/09/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.006 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

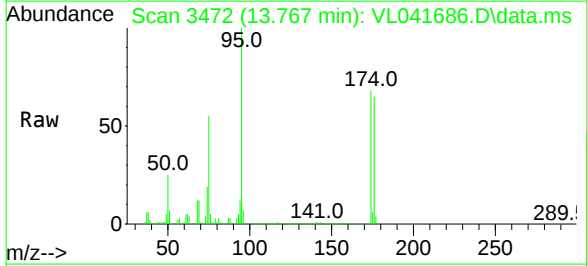
Tgt Ion:117 Resp: 2747012
Ion Ratio Lower Upper
117 100
82 64.4 49.8 74.8
119 33.3 24.2 36.4





#68
1-Bromo-4-Fluorobenzene
Concen: 10.190 ppbv
RT: 13.767 min Scan# 3474
Delta R.T. -0.006 min
Lab File: VL041686.D
Acq: 7 Nov 2024 20:24

Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 95 Resp: 2062550

Ion	Ratio	Lower	Upper
95	100		
174	70.4	55.6	83.4
175	5.0	4.2	6.2

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