

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041690.D
 Acq On : 7 Nov 2024 23:03
 Operator : SY/MD
 Sample : P4696-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 03:54:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	1071435	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2948814	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2677366	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1941685	9.843	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
13) Ethanol	3.234	45	212975m	57.180	ppbv	Qvalue
15) Acetone	3.468	43	203008m	1.540	ppbv	
19) Isopropyl Alcohol	3.568	45	2508130	39.795	ppbv #	97

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

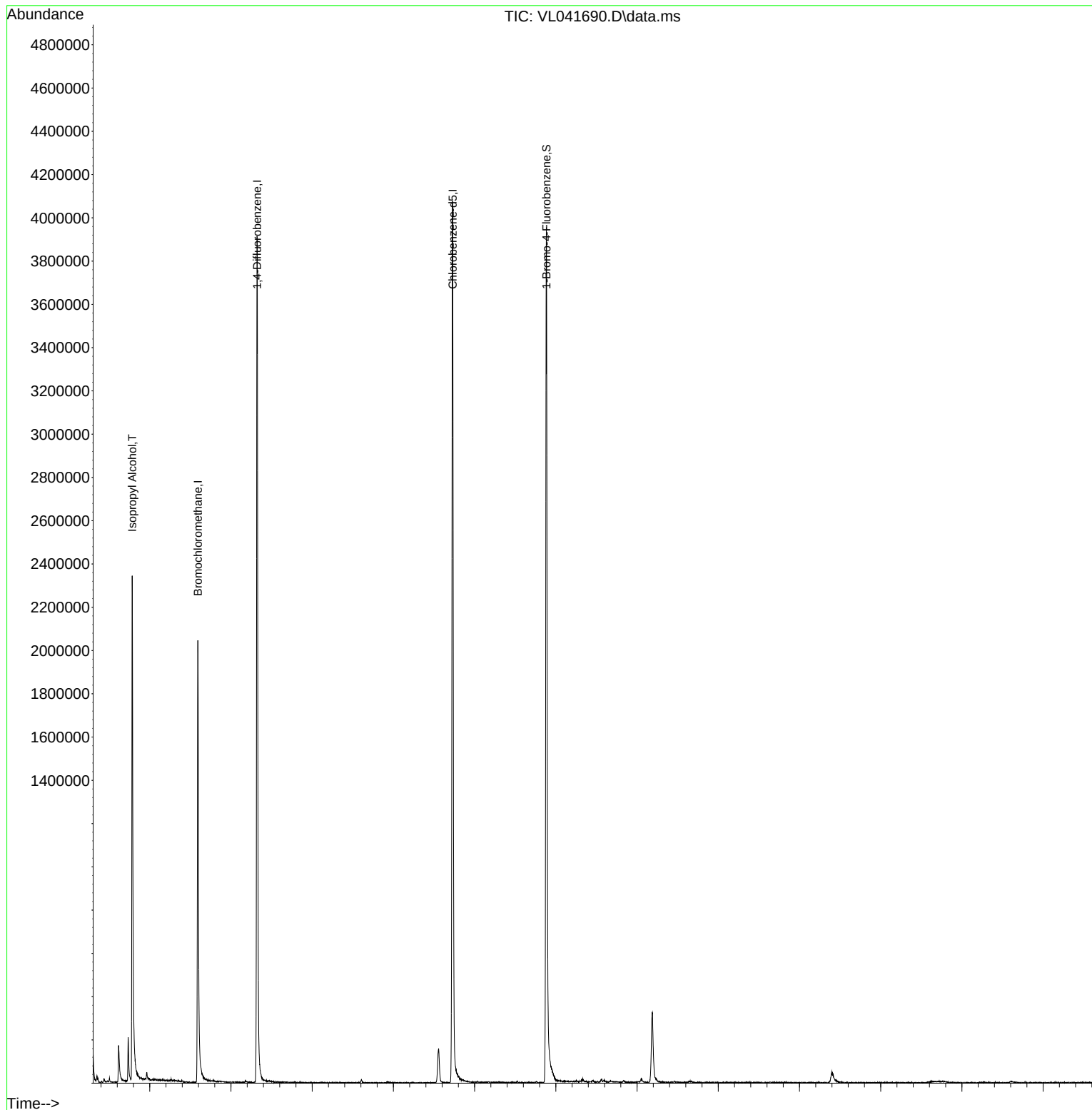
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
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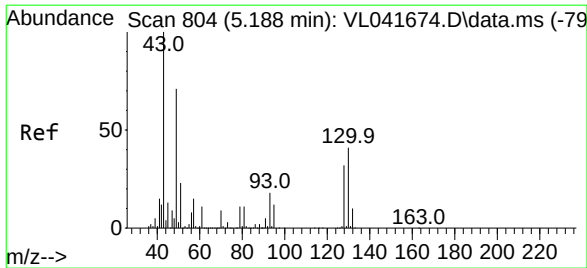
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Quant Time: Nov 08 03:54:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Nov 08 01:01:00 2024
Response via : Initial Calibration

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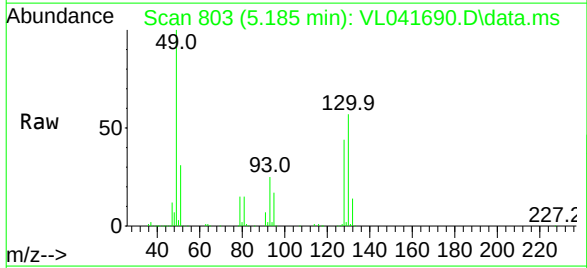
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041690.D
Acq: 7 Nov 2024 23:03

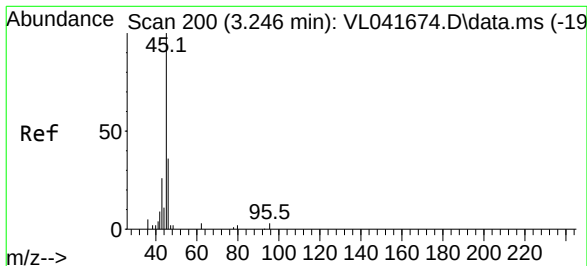
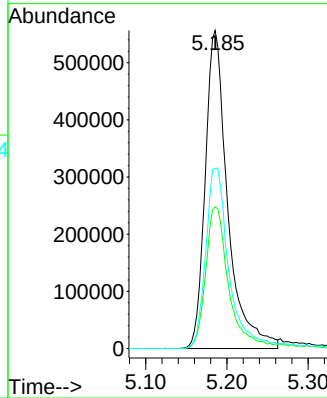
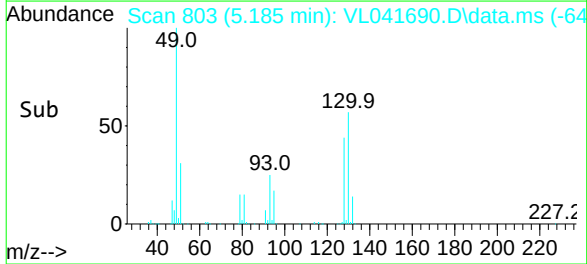
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 1071435
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.2
130 59.8 30.1 90.5

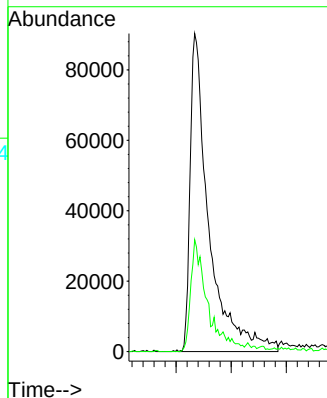
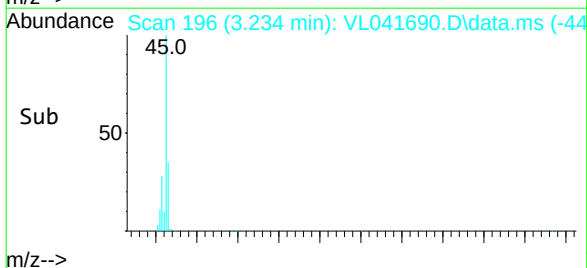
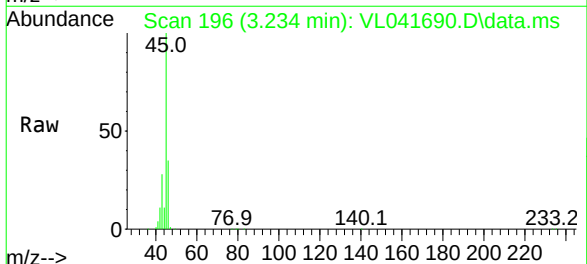
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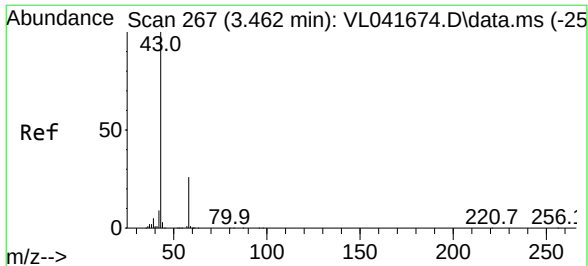
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#13
Ethanol
Concen: 57.180 ppbv m
RT: 3.234 min Scan# 196
Delta R.T. -0.013 min
Lab File: VL041690.D
Acq: 7 Nov 2024 23:03

Tgt Ion: 45 Resp: 212975
Ion Ratio Lower Upper
45 100
46 33.6 13.8 55.2





#15

Acetone

Concen: 1.540 ppbv m

RT: 3.468 min Scan# 26

Delta R.T. 0.007 min

Lab File: VL041690.D

Acq: 7 Nov 2024 23:03

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion: 43 Resp: 203008

Ion Ratio Lower Upper

43 100

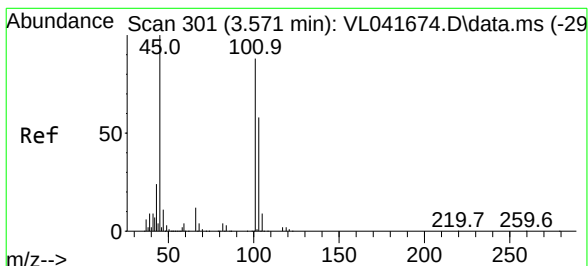
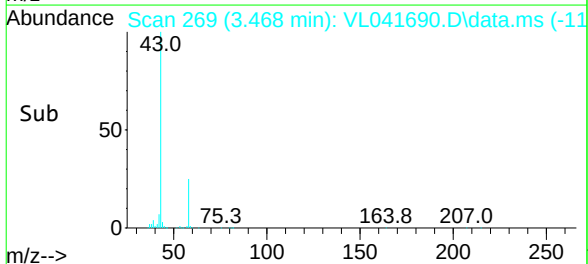
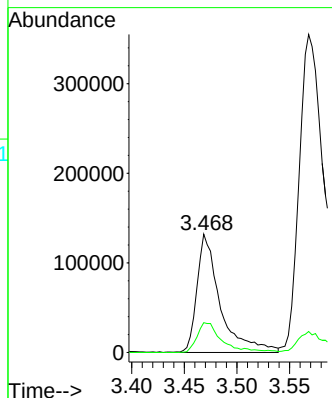
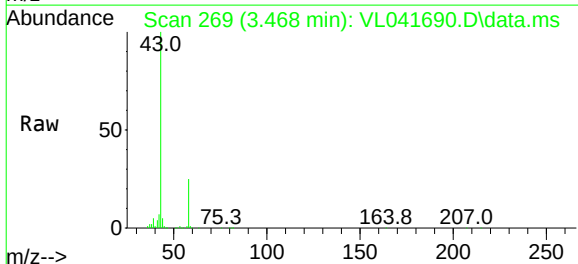
58 27.3 21.4 32.0

Manual Integrations

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#19

Isopropyl Alcohol

Concen: 39.795 ppbv

RT: 3.568 min Scan# 300

Delta R.T. -0.003 min

Lab File: VL041690.D

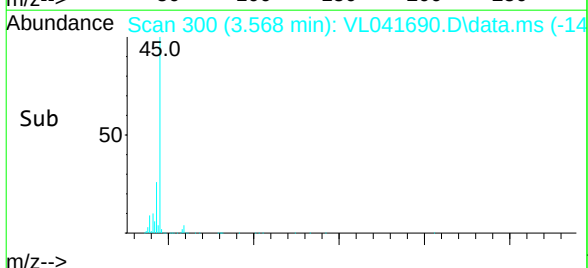
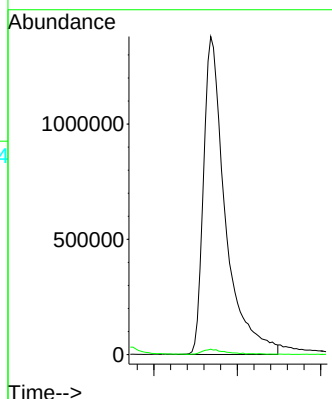
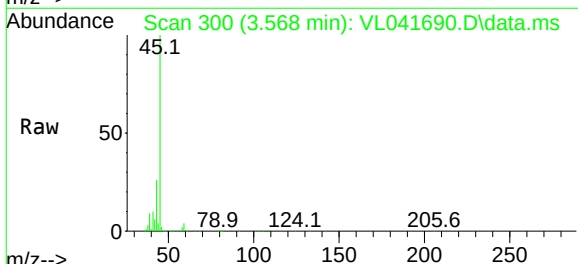
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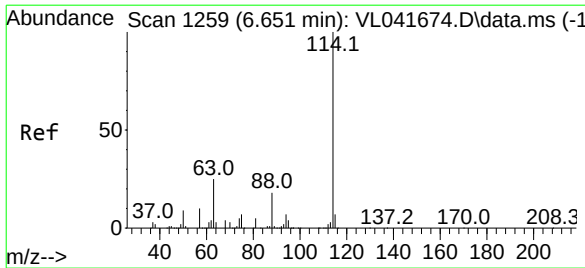
Tgt Ion: 45 Resp: 2508130

Ion Ratio Lower Upper

45 100

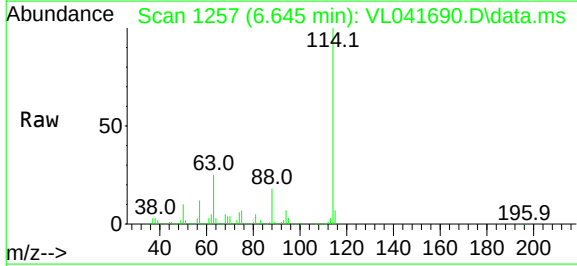
58 2.1 2.5 3.7#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VL041690.D
Acq: 7 Nov 2024 23:03

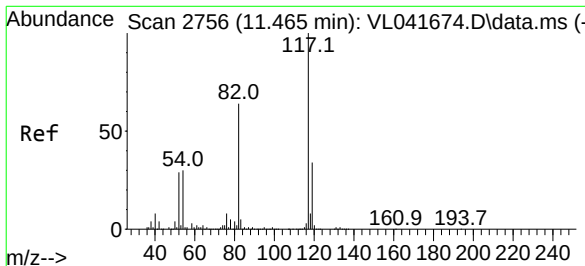
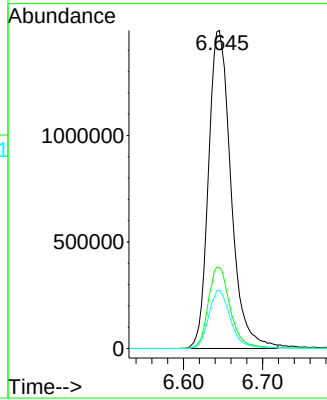
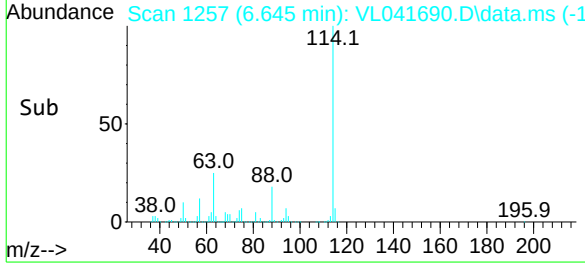
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion:114 Resp: 2948814
Ion Ratio Lower Upper
114 100
63 25.4 20.3 30.5
88 17.9 14.2 21.4

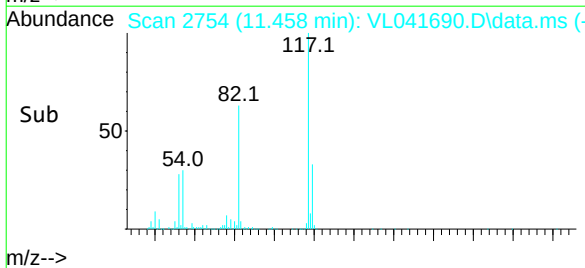
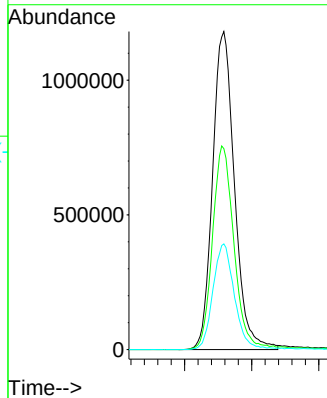
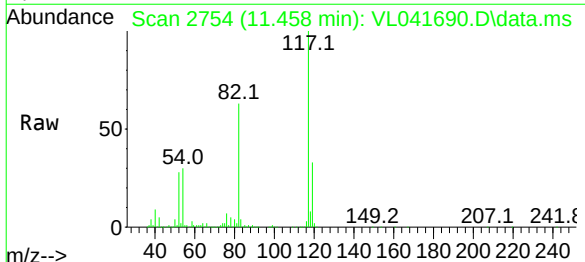
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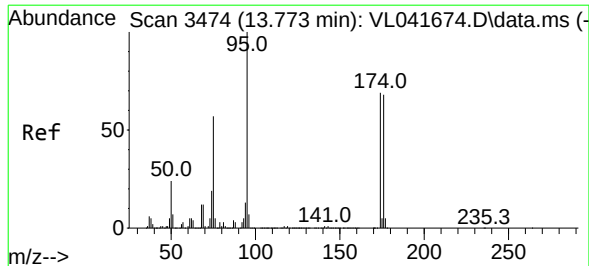
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Supervised By :Semsettin Yesilyurt 11/09/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. -0.006 min
Lab File: VL041690.D
Acq: 7 Nov 2024 23:03

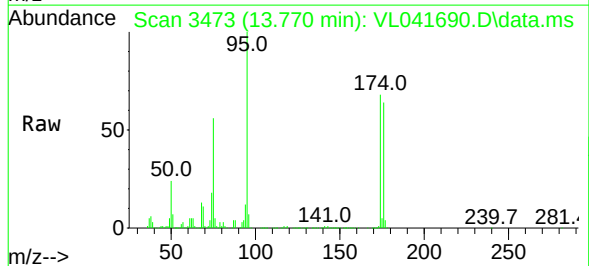
Tgt Ion:117 Resp: 2677366
Ion Ratio Lower Upper
117 100
82 64.2 49.8 74.8
119 33.3 24.2 36.4





#68
1-Bromo-4-Fluorobenzene
Concen: 9.843 ppbv
RT: 13.770 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL041690.D
Acq: 7 Nov 2024 23:03

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 95 Resp: 1941685
Ion Ratio Lower Upper
95 100
174 71.4 55.6 83.4
175 4.8 4.2 6.2

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