

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112124\
Data File : VL041712.D
Acq On : 21 Nov 2024 9:38
Operator : SY/MD
Sample : VL1121ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1121ABL01

Quant Time: Nov 22 01:06:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Nov 22 01:00:55 2024
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.221	49	1172035	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.680	114	3184705	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2717854	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.809	95	1960450	9.790	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

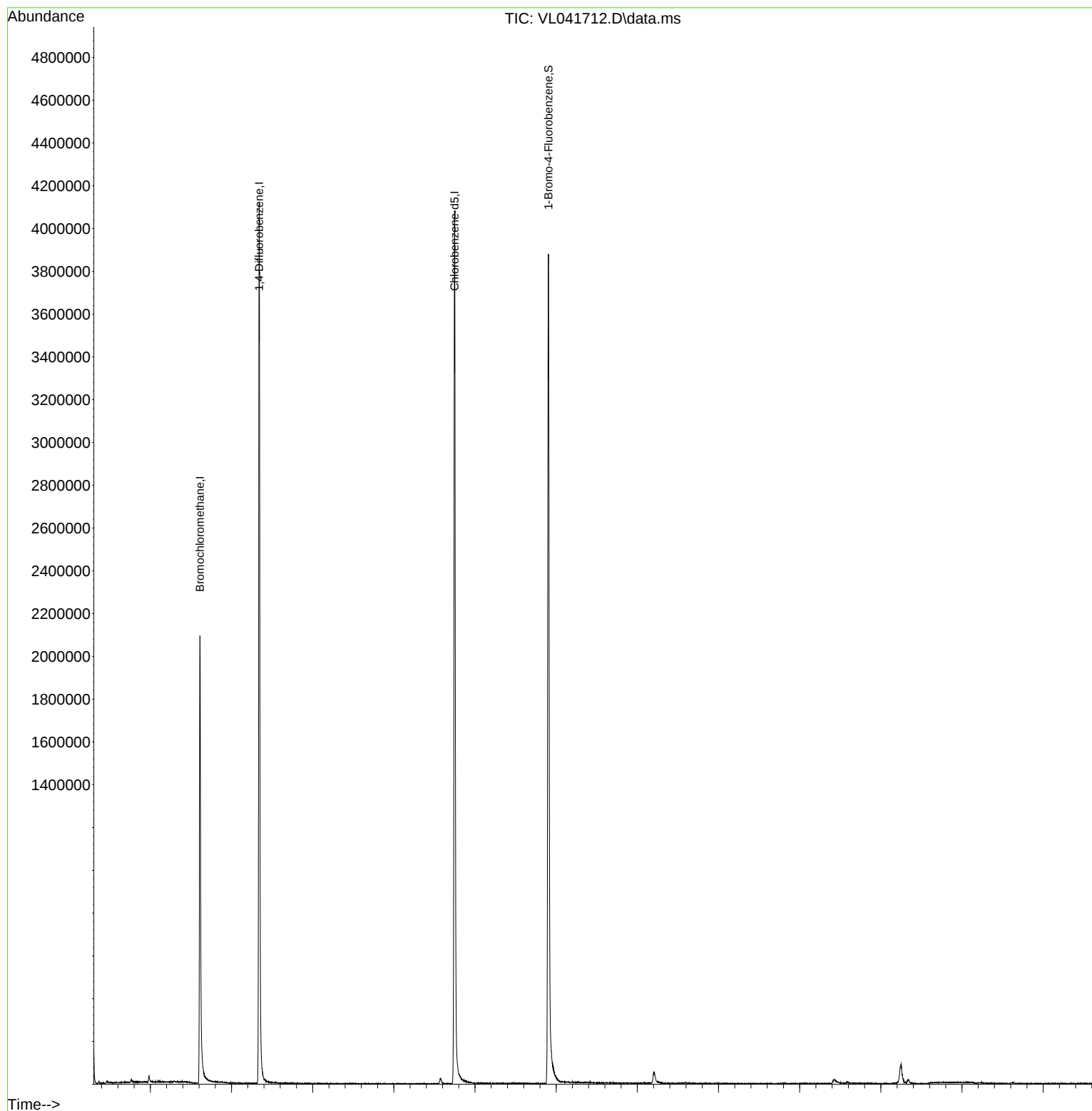
Target Compounds	Qvalue

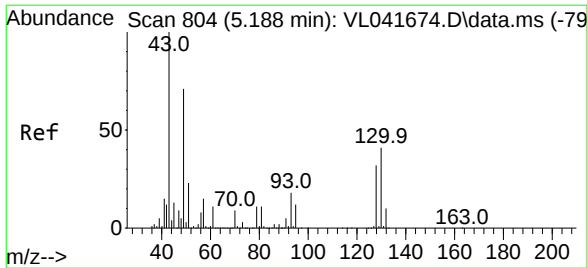
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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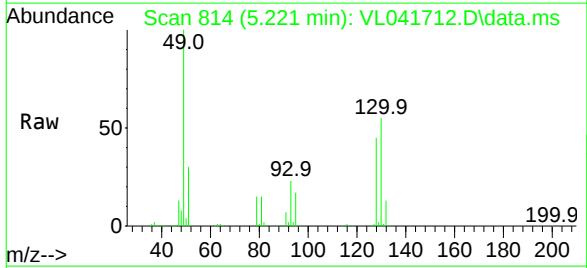
Quant Time: Nov 22 01:06:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
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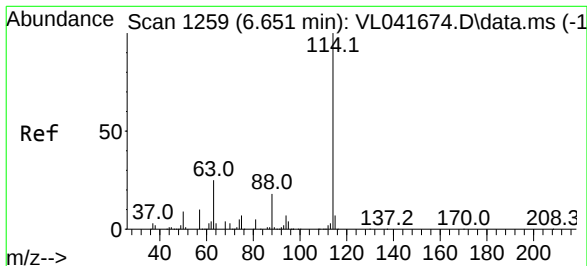
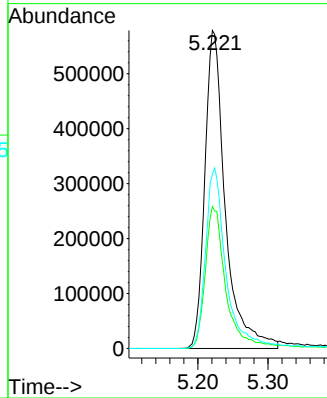
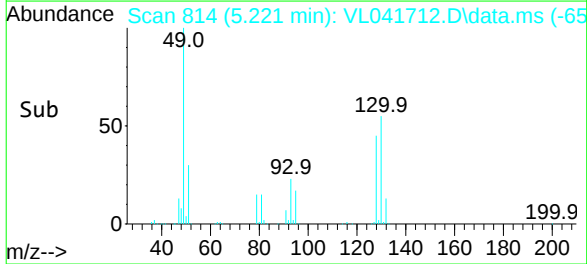


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL041712.D
Acq: 21 Nov 2024 9:38

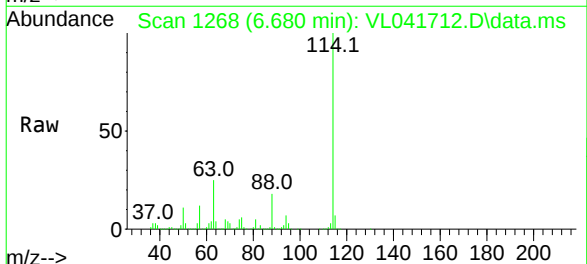
Instrument :
MSVOA_L
ClientSampleId :
VL1121ABL01



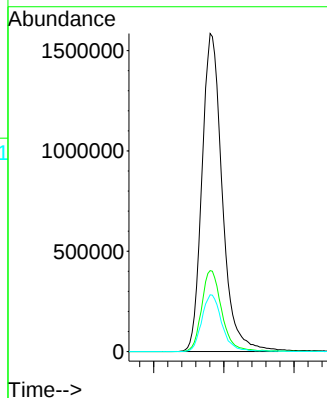
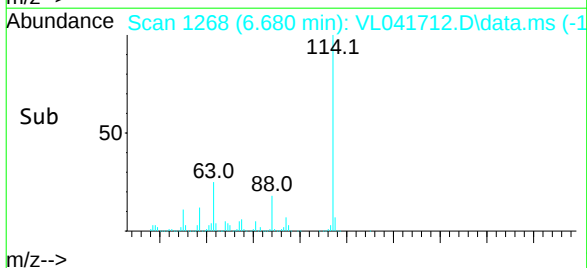
Tgt Ion: 49 Resp: 1172035
Ion Ratio Lower Upper
49 100
128 46.0 23.8 71.2
130 58.7 30.1 90.5

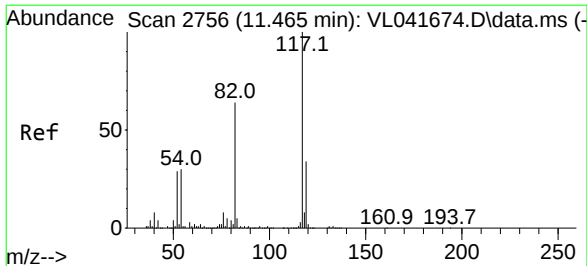


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.680 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VL041712.D
Acq: 21 Nov 2024 9:38



Tgt Ion: 114 Resp: 3184705
Ion Ratio Lower Upper
114 100
63 25.5 20.3 30.5
88 17.9 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.497 min Scan# 27

Delta R.T. -0.000 min

Lab File: VL041712.D

Acq: 21 Nov 2024 9:38

Instrument :

MSVOA_L

ClientSampleId :

VL1121ABL01

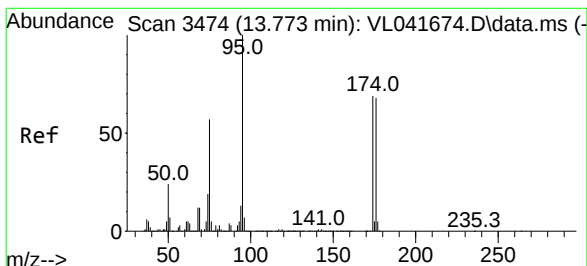
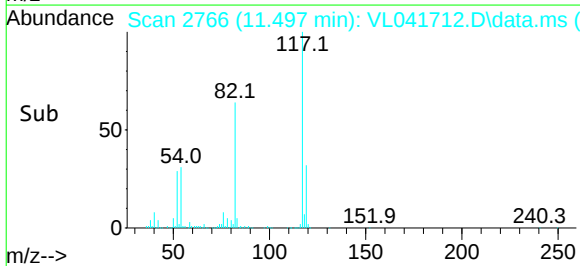
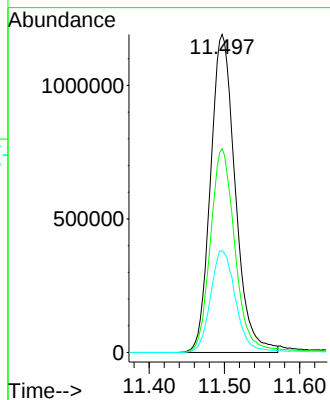
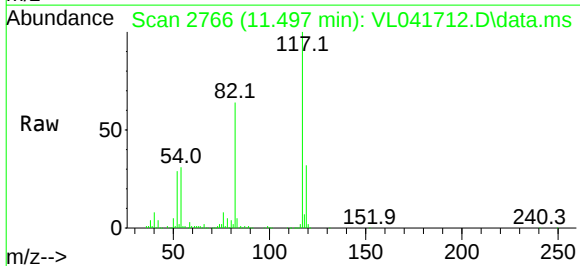
Tgt Ion:117 Resp: 2717854

Ion	Ratio	Lower	Upper
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117	100		
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82	65.0	49.8	74.8
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119	33.4	24.2	36.4
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#68

1-Bromo-4-Fluorobenzene

Concen: 9.790 ppbv

RT: 13.809 min Scan# 3485

Delta R.T. 0.003 min

Lab File: VL041712.D

Acq: 21 Nov 2024 9:38

Tgt Ion: 95 Resp: 1960450

Ion	Ratio	Lower	Upper
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95	100		
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174	69.5	55.6	83.4
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175	5.2	4.2	6.2
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