

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
Data File : VL041337.D
Acq On : 5 Jun 2024 21:32
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jun 06 04:43:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Jun 05 04:42:10 2024
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.218	49	886143	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.671	114	2347035	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.478	117	2138853	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.790	95	1629498	9.867	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%

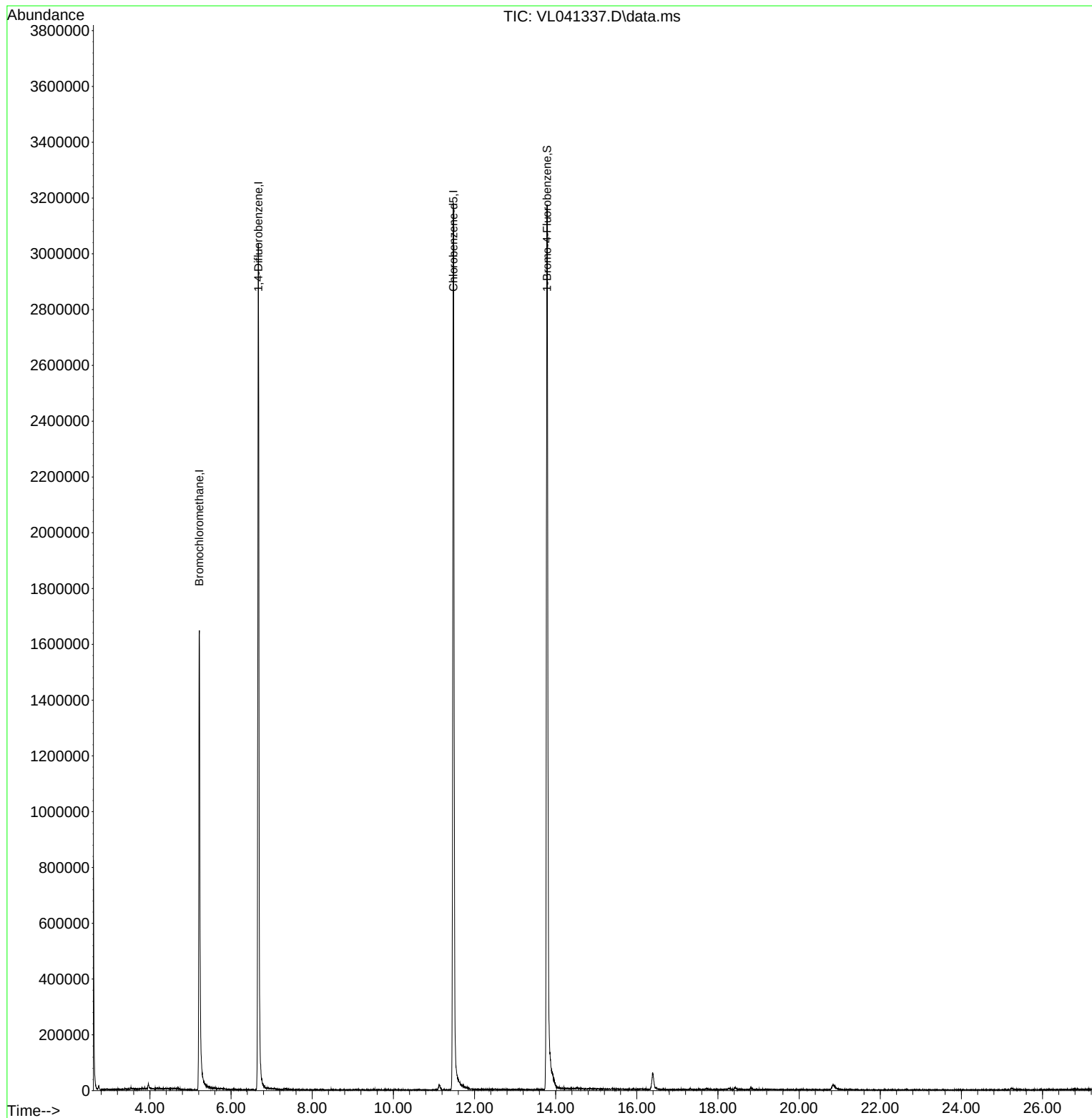
Target Compounds	Qvalue

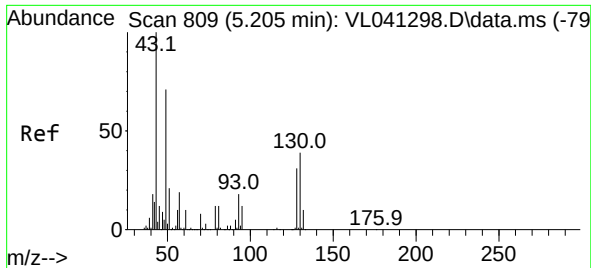
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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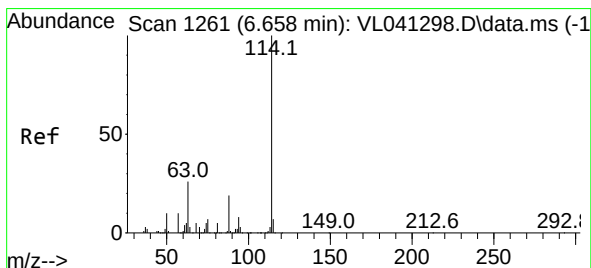
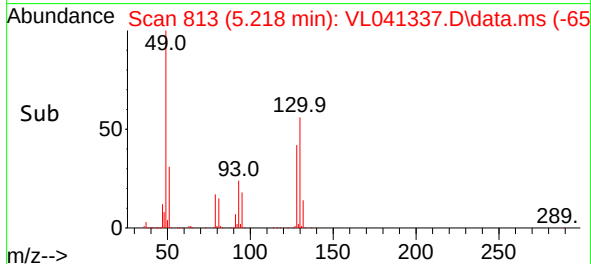
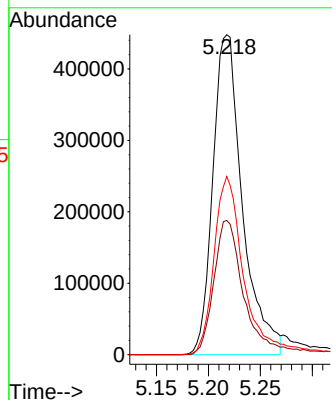
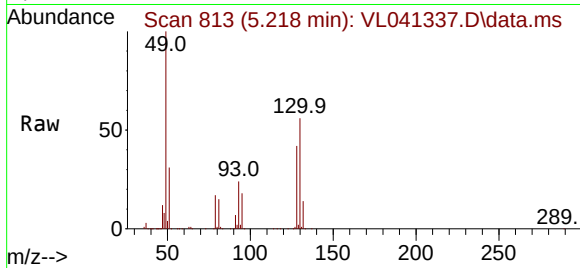




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.218 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL041337.D
Acq: 5 Jun 2024 21:32

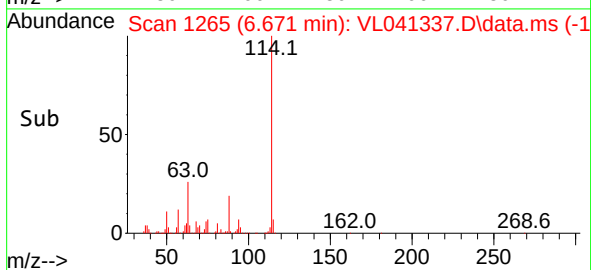
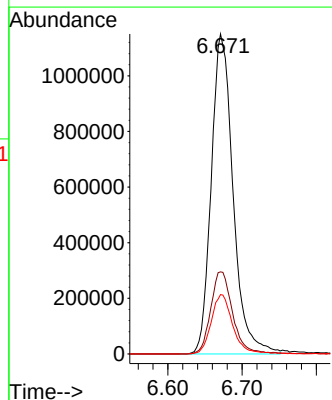
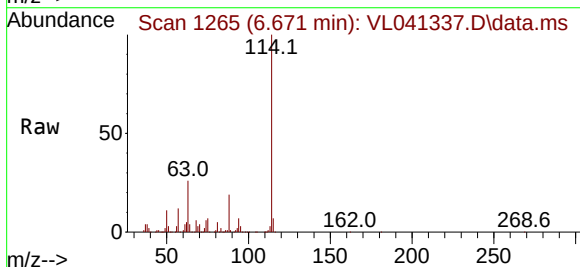
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

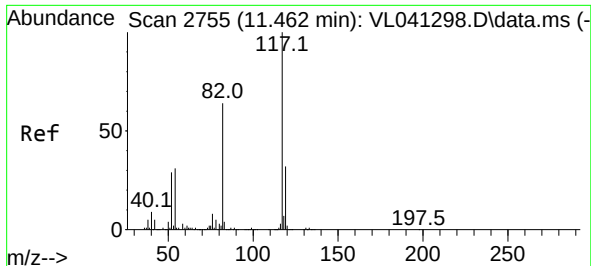
Tgt Ion: 49 Resp: 886143
Ion Ratio Lower Upper
49 100
128 45.0 22.8 68.3
130 58.7 28.4 85.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VL041337.D
Acq: 5 Jun 2024 21:32

Tgt Ion: 114 Resp: 2347035
Ion Ratio Lower Upper
114 100
63 26.0 20.6 30.8
88 18.4 14.5 21.7

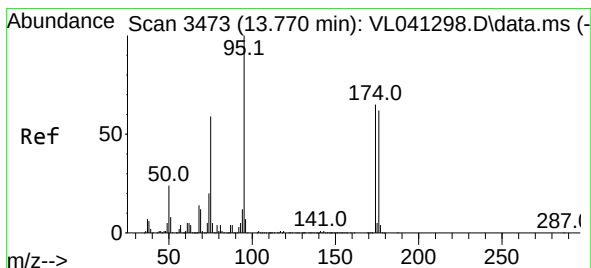
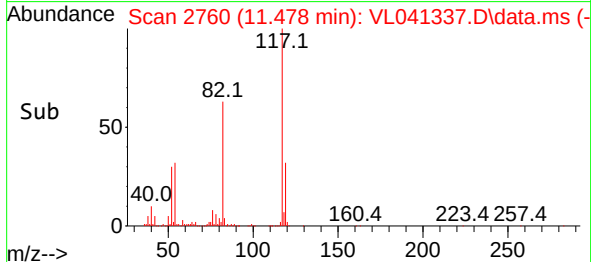
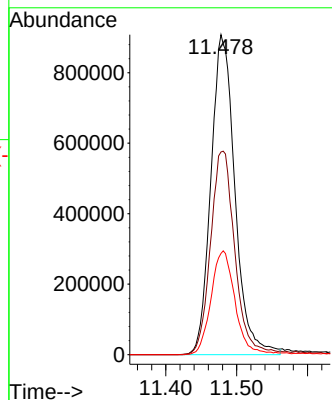
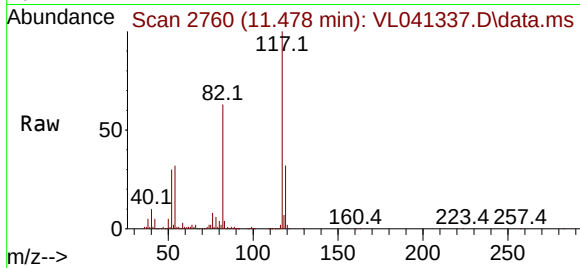




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041337.D
Acq: 5 Jun 2024 21:32

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2138853
Ion Ratio Lower Upper
117 100
82 65.6 52.3 78.5
119 33.5 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.867 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. 0.019 min
Lab File: VL041337.D
Acq: 5 Jun 2024 21:32

Tgt Ion: 95 Resp: 1629498
Ion Ratio Lower Upper
95 100
174 66.9 52.2 78.2
175 5.0 4.1 6.1

