

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041470.D
 Acq On : 1 Aug 2024 9:17
 Operator : SY/MD
 Sample : VL0801ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0801ABL01

Quant Time: Aug 02 04:10:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	944486	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2602044	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2364302	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1793429	9.857	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%

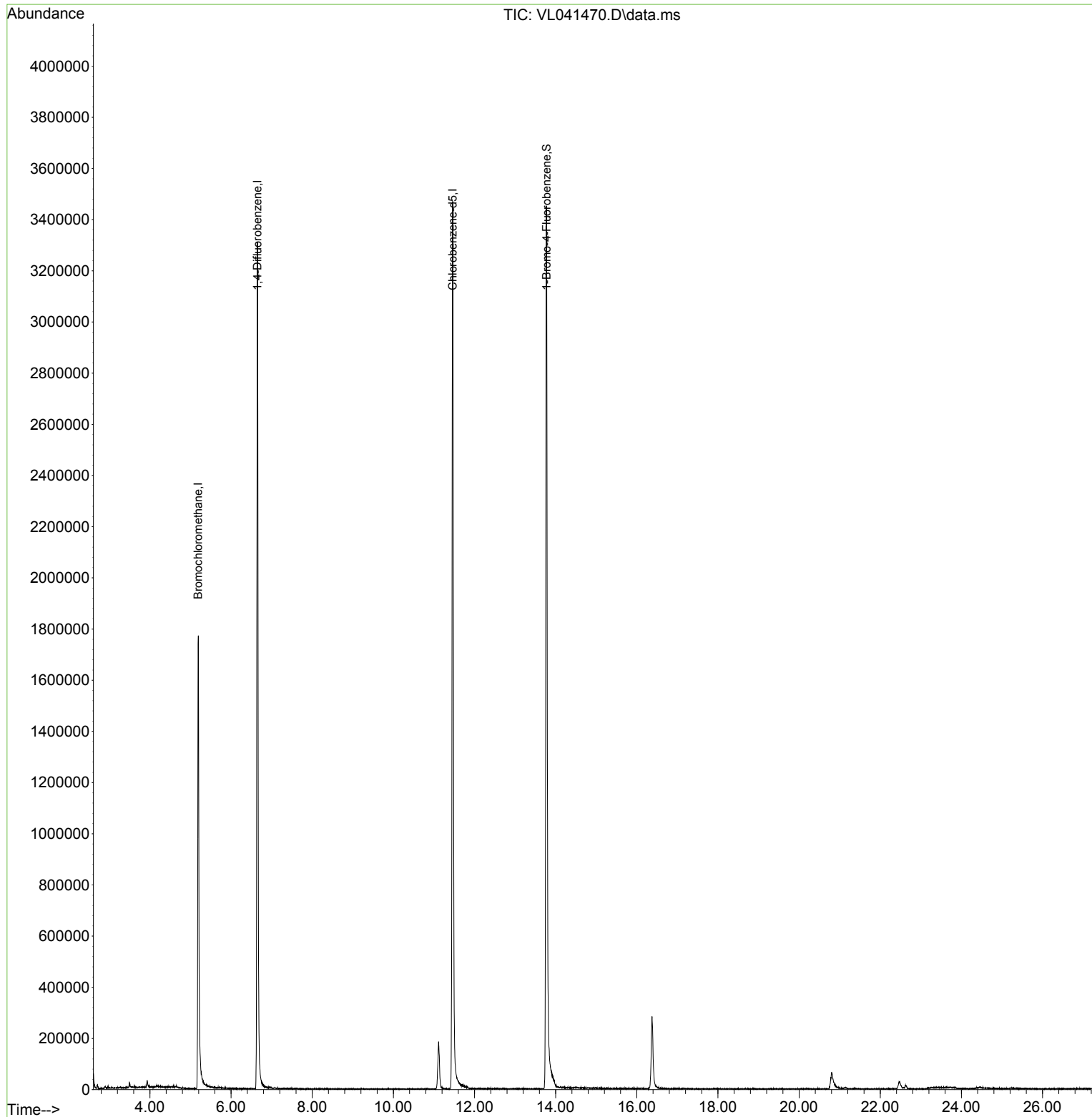
Target Compounds	Qvalue

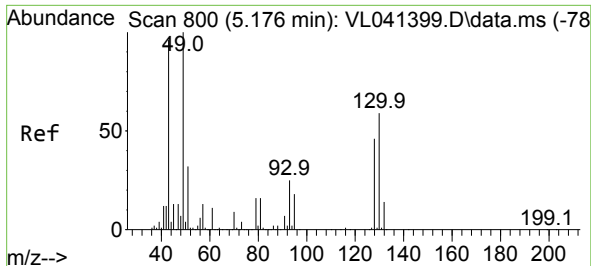
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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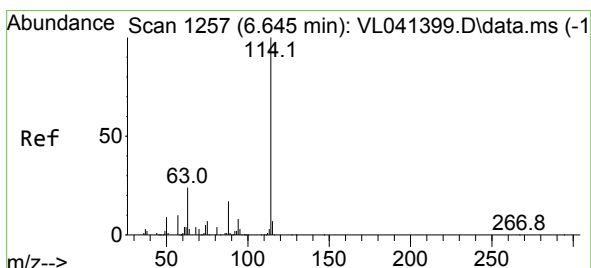
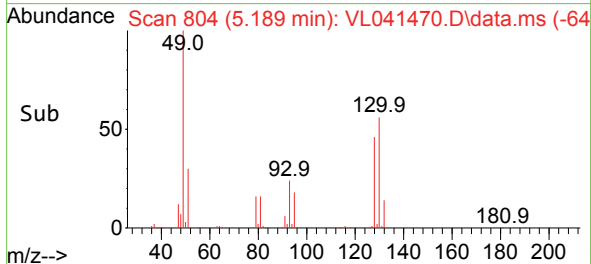
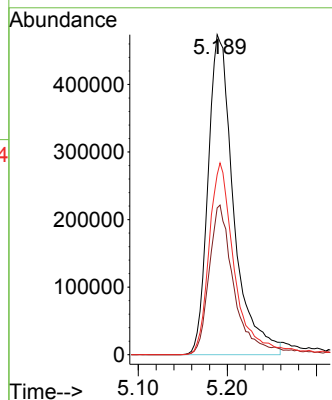
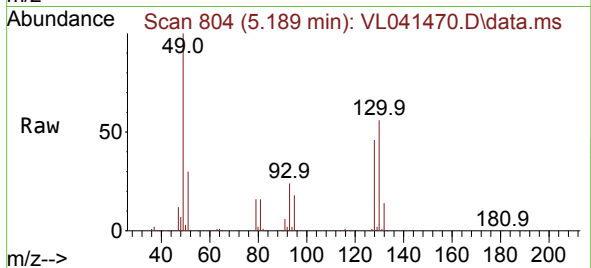




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL041470.D
Acq: 1 Aug 2024 9:17

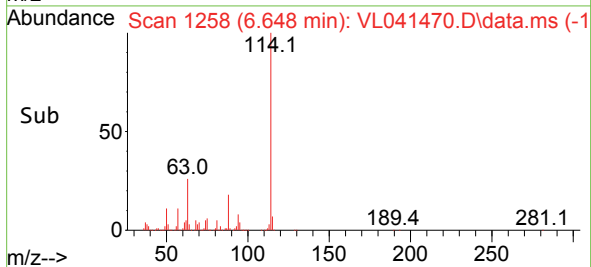
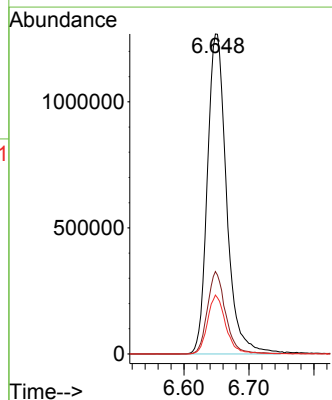
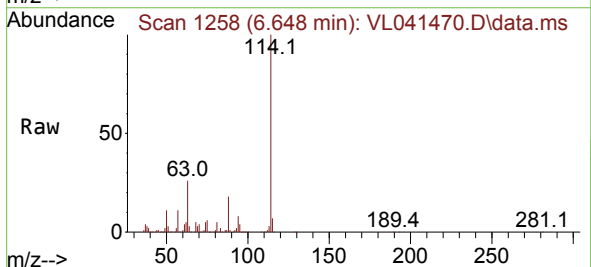
Instrument :
MSVOA_L
ClientSampleId :
VL0801ABL01

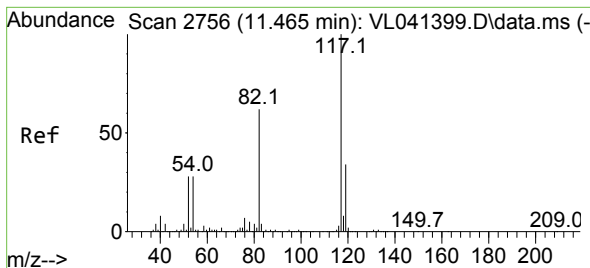
Tgt Ion: 49 Resp: 944486
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.4
130 62.0 30.8 92.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.007 min
Lab File: VL041470.D
Acq: 1 Aug 2024 9:17

Tgt Ion: 114 Resp: 2602044
Ion Ratio Lower Upper
114 100
63 24.7 20.3 30.5
88 17.7 14.3 21.5

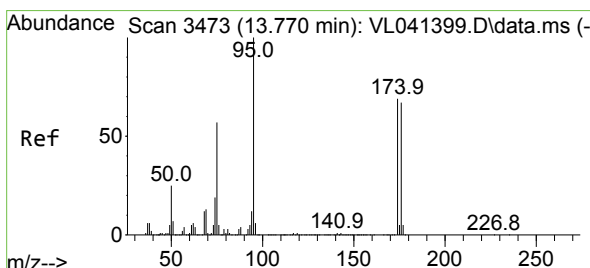
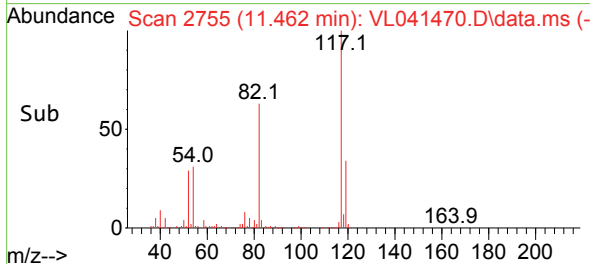
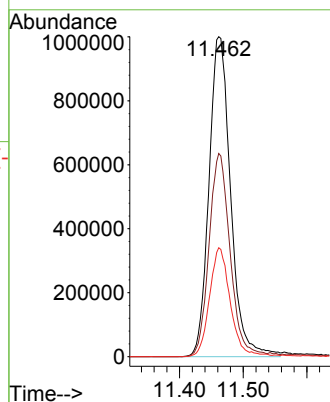
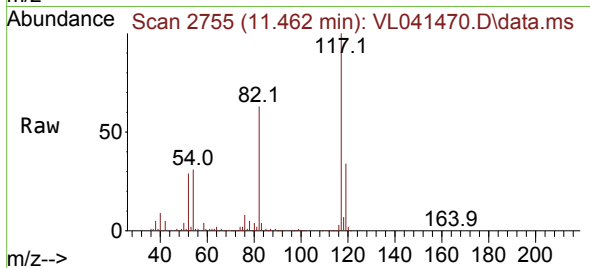




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041470.D
Acq: 1 Aug 2024 9:17

Instrument :
MSVOA_L
ClientSampleId :
VL0801ABL01

Tgt Ion:117 Resp: 2364302
Ion Ratio Lower Upper
117 100
82 63.8 51.0 76.6
119 33.0 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.857 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. -0.000 min
Lab File: VL041470.D
Acq: 1 Aug 2024 9:17

Tgt Ion: 95 Resp: 1793429
Ion Ratio Lower Upper
95 100
174 71.9 56.3 84.5
175 5.3 4.0 6.0

