

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041579.D
 Acq On : 22 Aug 2024 9:23
 Operator : SY/MD
 Sample : VL0822ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0822ABL01

Quant Time: Aug 23 01:28:18 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 23 01:15:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	940552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2501667	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2239934	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1688145	9.793	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

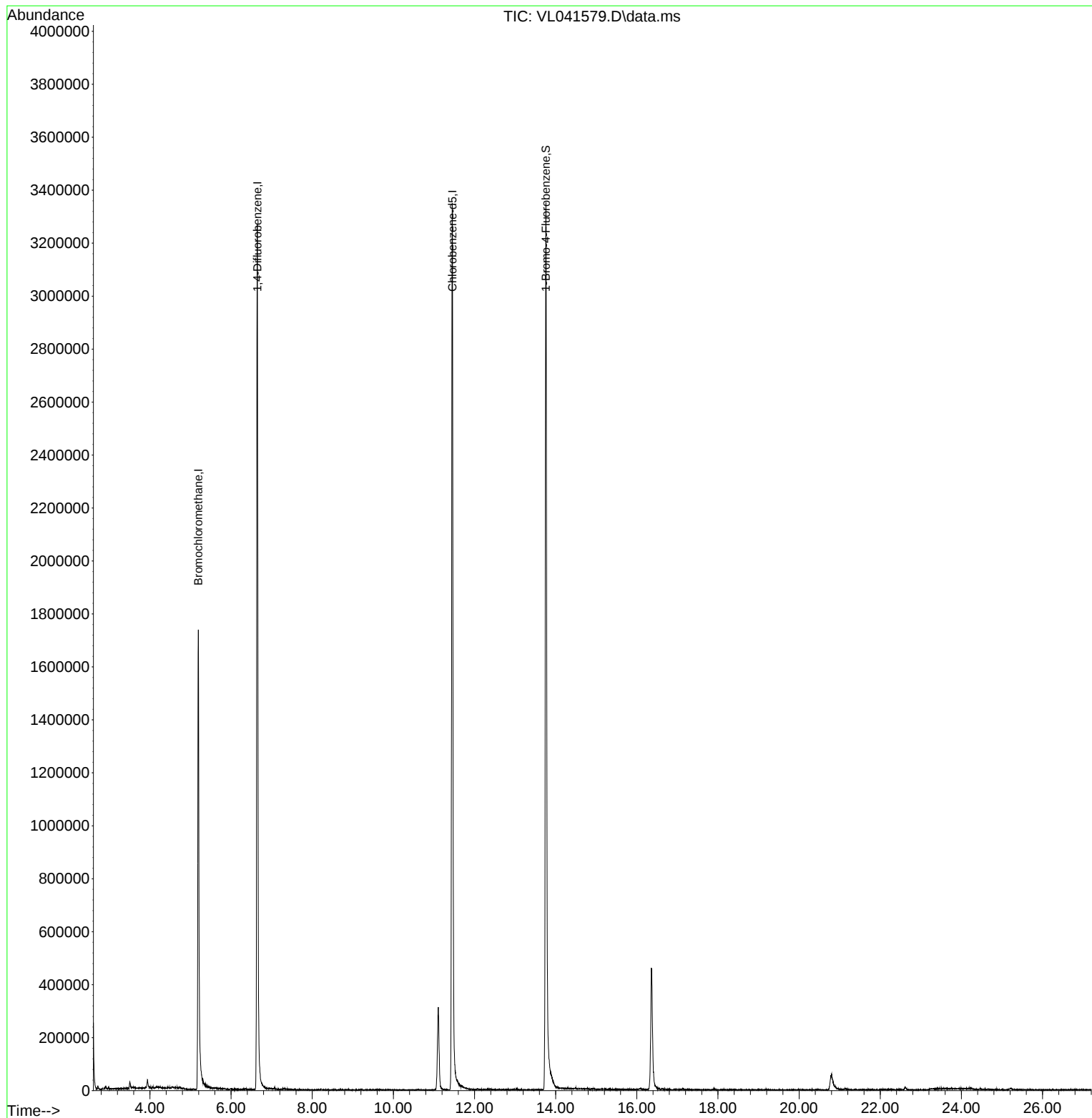
Target Compounds	Qvalue

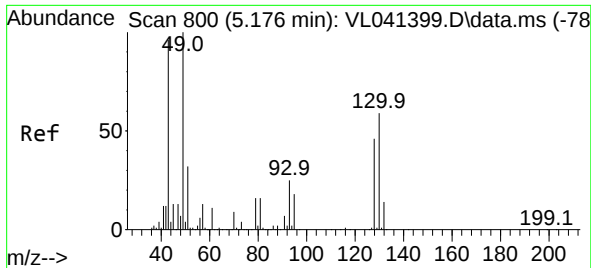
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
Data File : VL041579.D
Acq On : 22 Aug 2024 9:23
Operator : SY/MD
Sample : VL08222ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL08222ABL01

Quant Time: Aug 23 01:28:18 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 23 01:15:26 2024
Response via : Initial Calibration

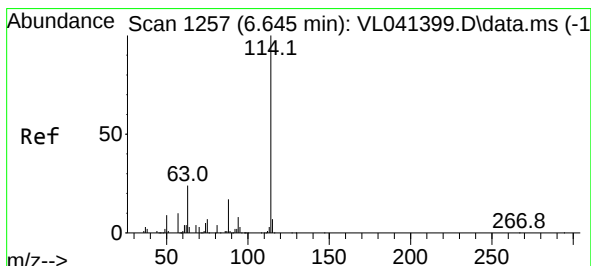
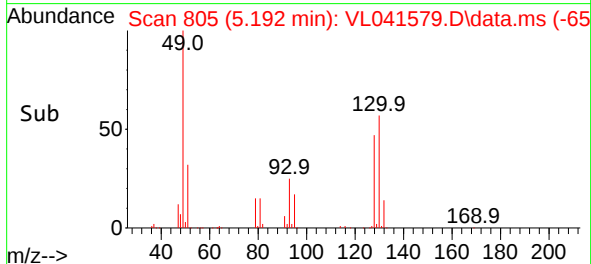
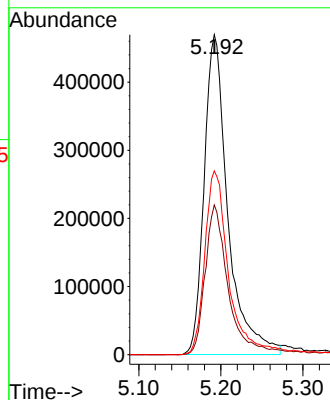
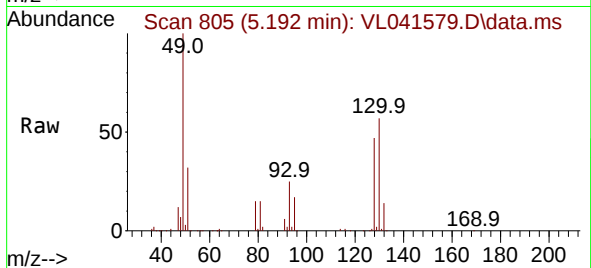




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.000 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

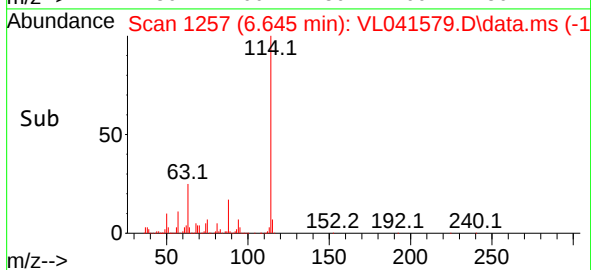
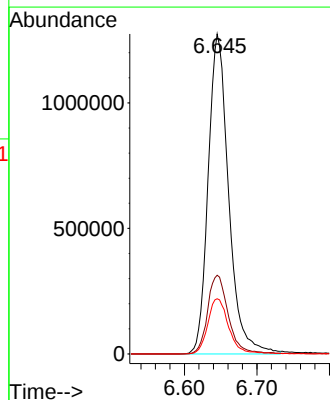
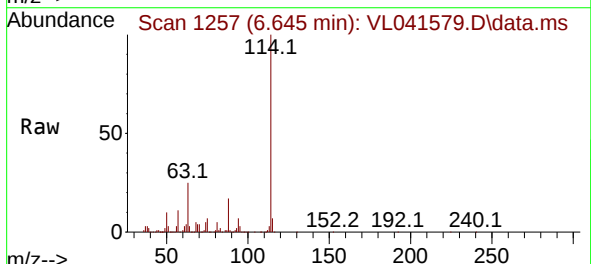
Instrument :
MSVOA_L
ClientSampleId :
VL0822ABL01

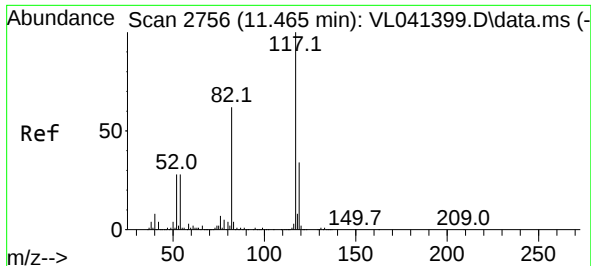
Tgt Ion: 49 Resp: 940552
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.8 30.8 92.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

Tgt Ion: 114 Resp: 2501667
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 17.7 14.3 21.5

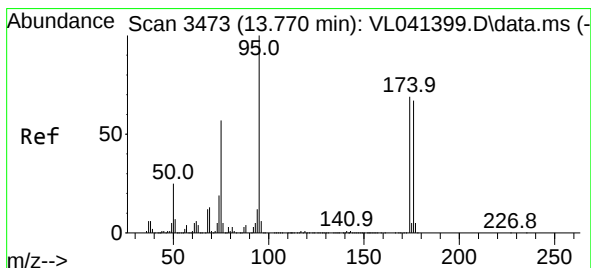
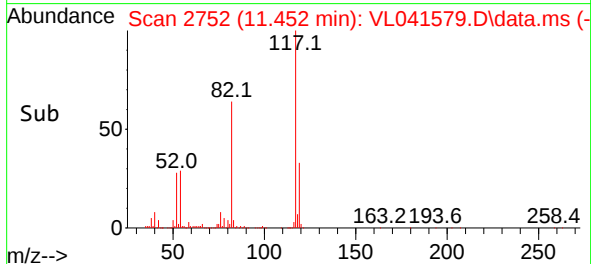
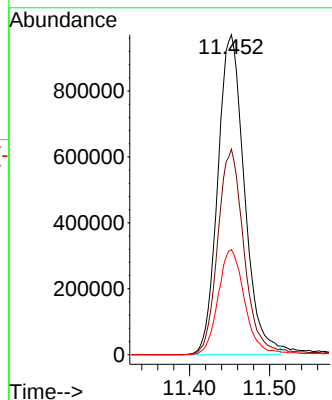
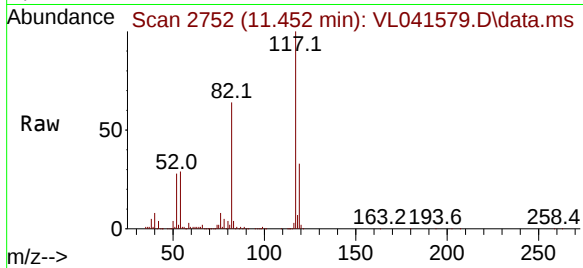




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

Instrument :
MSVOA_L
ClientSampleId :
VL0822ABL01

Tgt Ion:117 Resp: 2239934
Ion Ratio Lower Upper
117 100
82 65.1 51.0 76.6
119 33.7 45.2 67.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.793 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. -0.003 min
Lab File: VL041579.D
Acq: 22 Aug 2024 9:23

Tgt Ion: 95 Resp: 1688145
Ion Ratio Lower Upper
95 100
174 71.0 56.3 84.5
175 5.2 4.0 6.0

