

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
 Data File : VL040062.D
 Acq On : 22 Dec 2022 11:00
 Operator : SY/MD
 Sample : VL1222ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1222ABL01

Quant Time: Dec 23 06:26:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	863327	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2464767	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2111182	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.757	95	1593590	9.882	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%

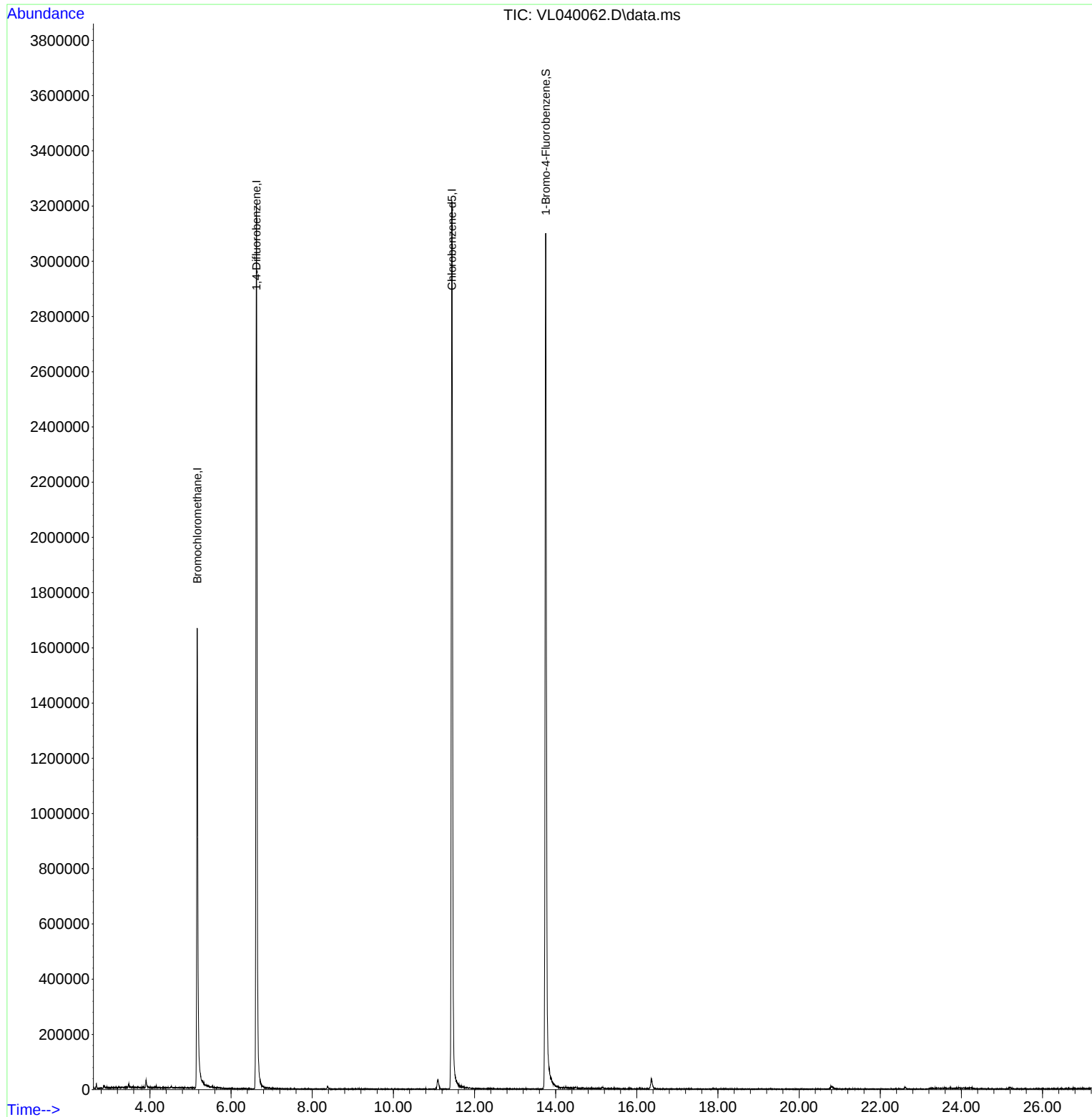
Target Compounds	Qvalue

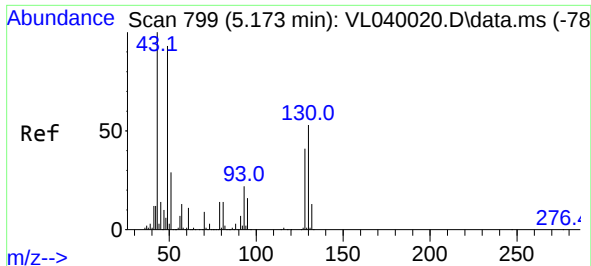
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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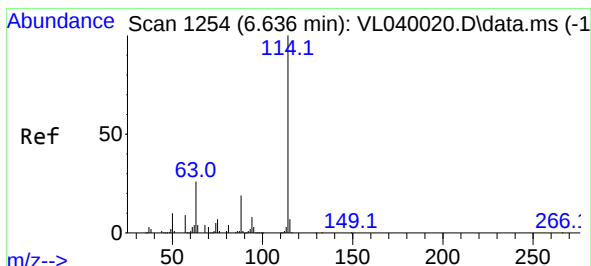
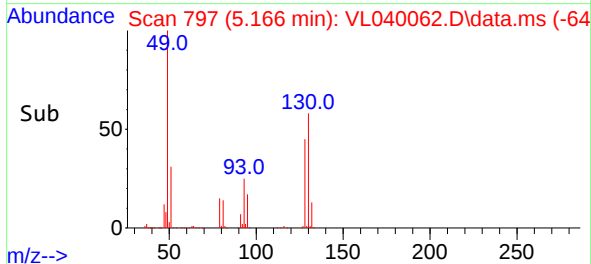
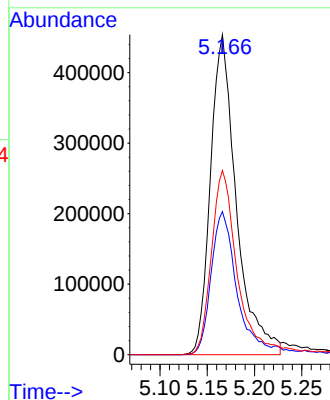
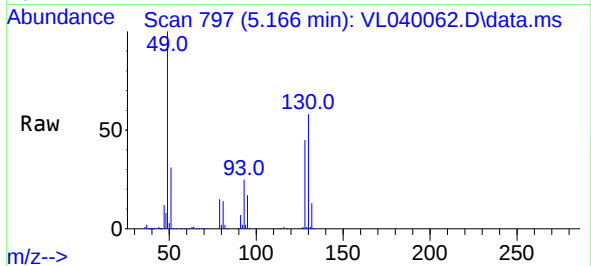




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 799
Delta R.T. -0.007 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

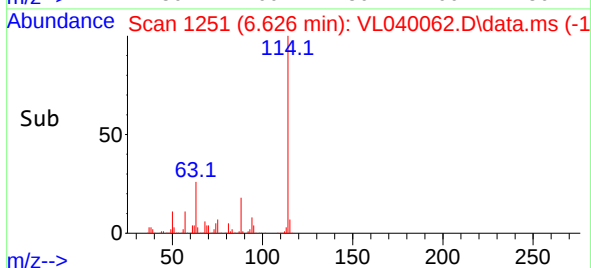
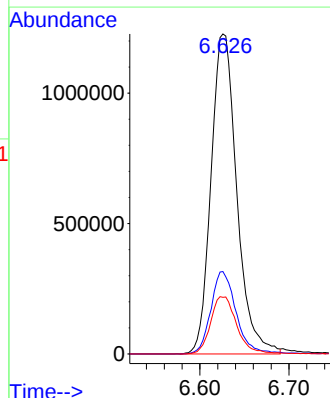
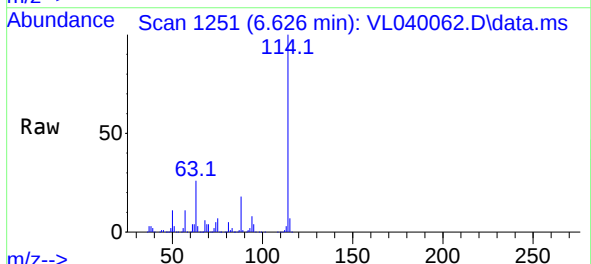
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABL01

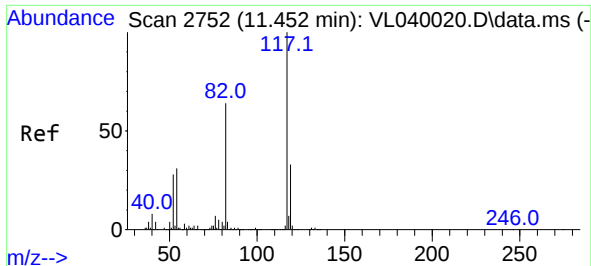
Tgt Ion: 49 Resp: 863327
Ion Ratio Lower Upper
49 100
128 47.0 22.4 67.3
130 60.3 28.9 86.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. -0.010 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

Tgt Ion: 114 Resp: 2464767
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.2
88 18.3 14.6 21.8

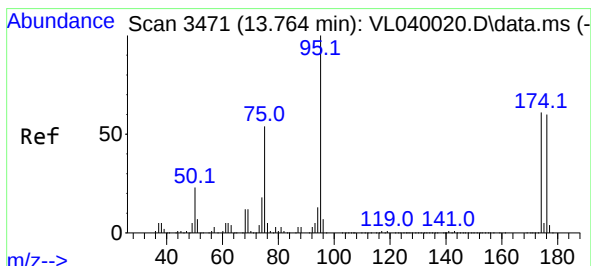
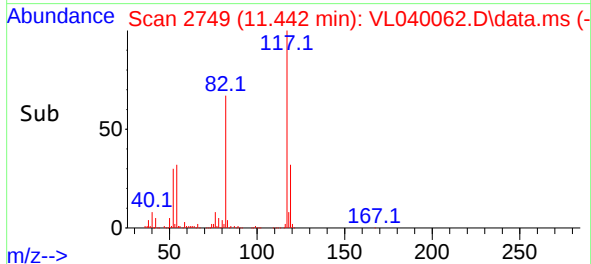
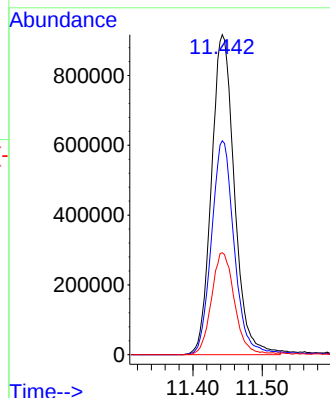
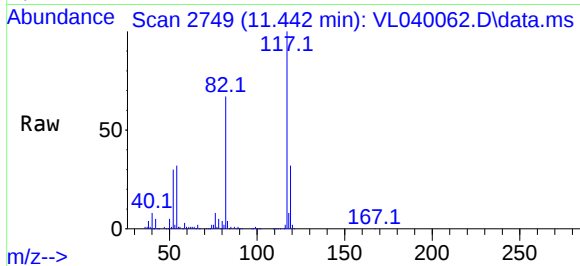




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2111182
Delta R.T. -0.010 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABL01

Tgt Ion:117 Resp: 2111182
Ion Ratio Lower Upper
117 100
82 67.3 51.2 76.8
119 32.3 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.882 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL040062.D
Acq: 22 Dec 2022 11:00

Tgt Ion: 95 Resp: 1593590
Ion Ratio Lower Upper
95 100
174 60.8 48.6 73.0
175 4.3 3.4 5.2

