

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040055.D
 Acq On : 20 Dec 2022 13:58
 Operator : SY/MD
 Sample : QC121922 CAN 10443
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121922 CAN 10443

Quant Time: Dec 21 03:55:17 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	868423	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2452814	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2063166	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.751	95	1577456	10.009	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%

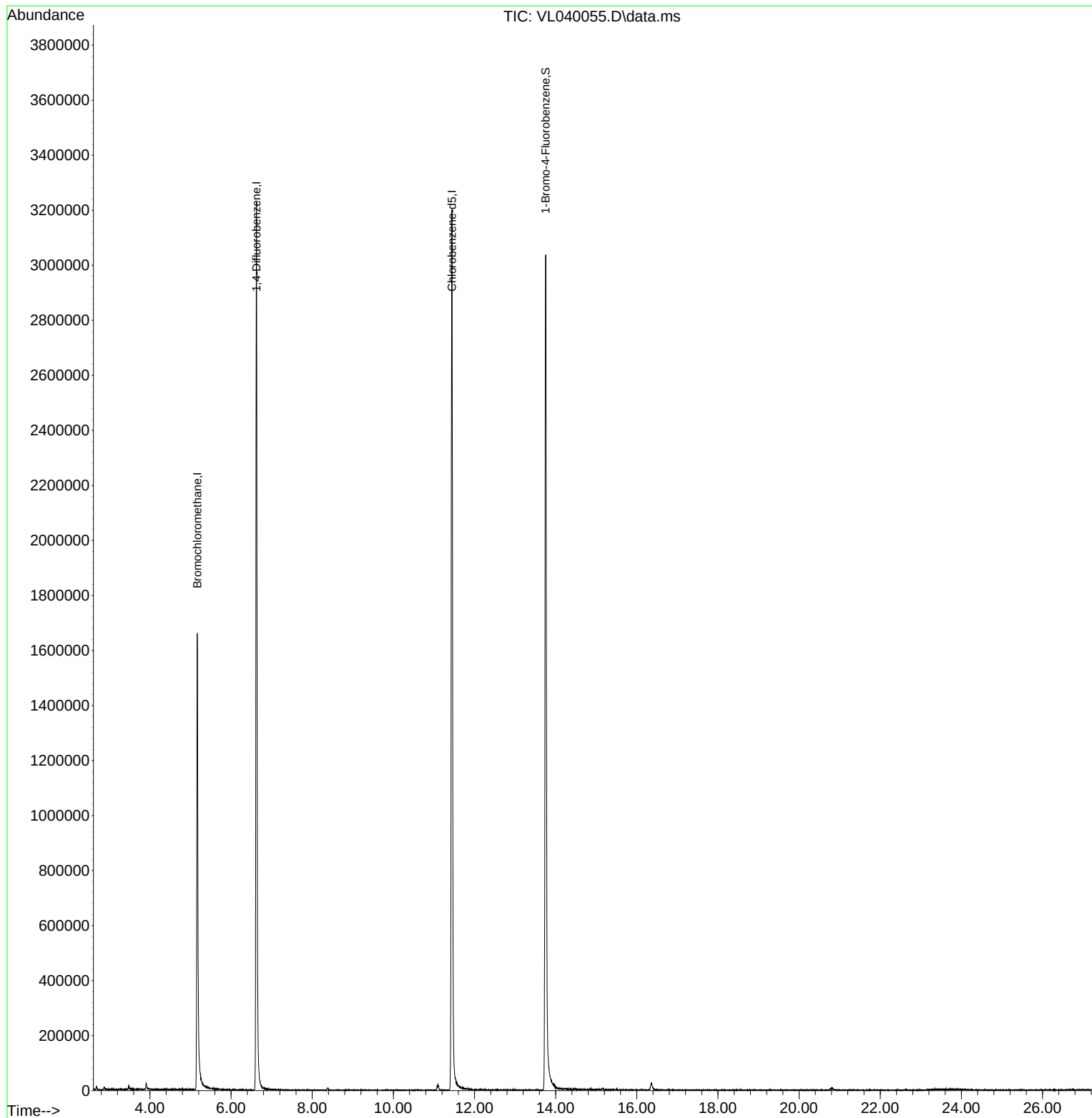
Target Compounds	Qvalue

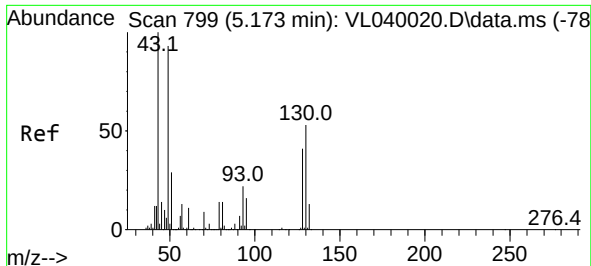
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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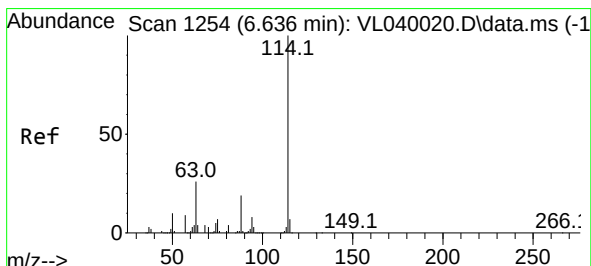
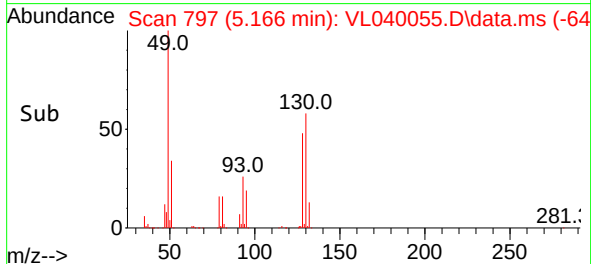
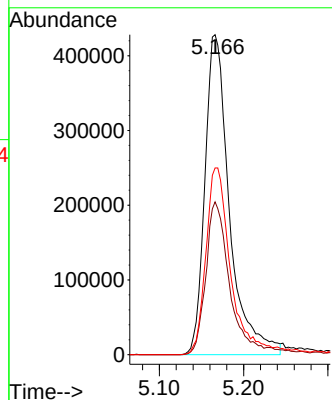
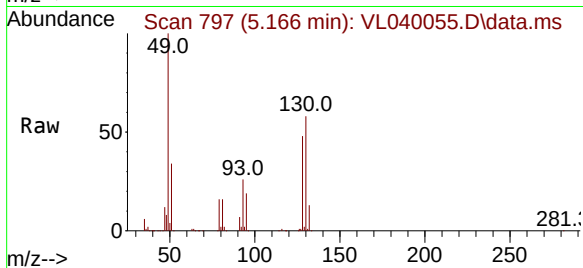




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.166 min Scan# 799
 Delta R.T. -0.007 min
 Lab File: VL040055.D
 Acq: 20 Dec 2022 13:58

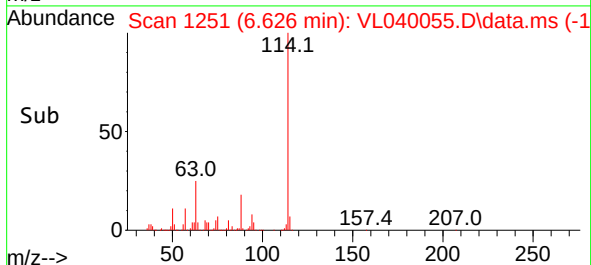
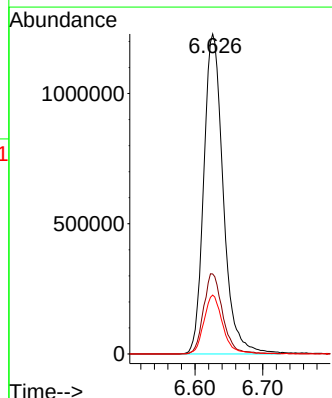
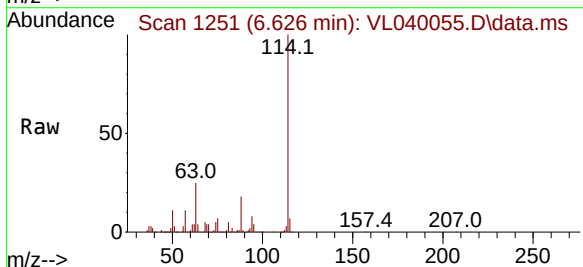
Instrument :
 MSVOA_L
 ClientSampleId :
 QC121922 CAN 10443

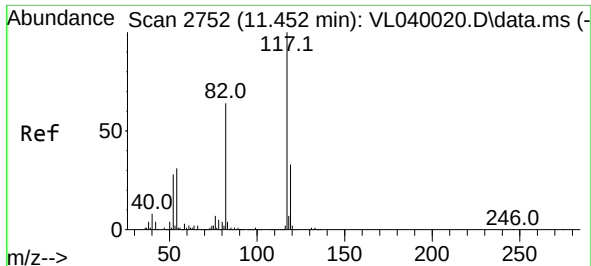
Tgt Ion: 49 Resp: 868423
 Ion Ratio Lower Upper
 49 100
 128 48.3 22.4 67.3
 130 61.3 28.9 86.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.626 min Scan# 1251
 Delta R.T. -0.010 min
 Lab File: VL040055.D
 Acq: 20 Dec 2022 13:58

Tgt Ion: 114 Resp: 2452814
 Ion Ratio Lower Upper
 114 100
 63 24.9 20.2 30.2
 88 18.0 14.6 21.8

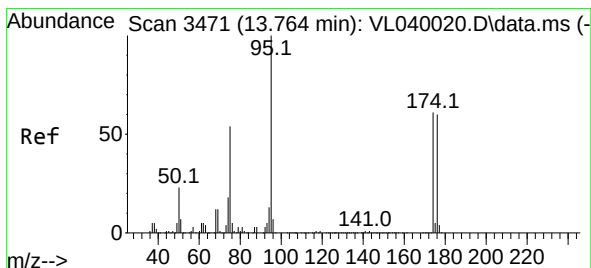
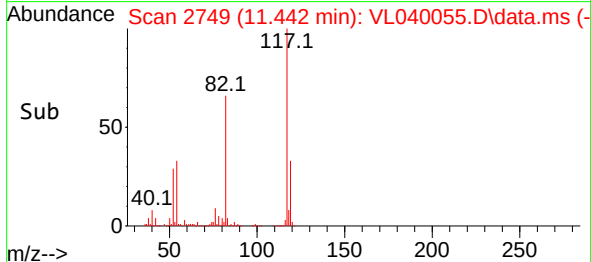
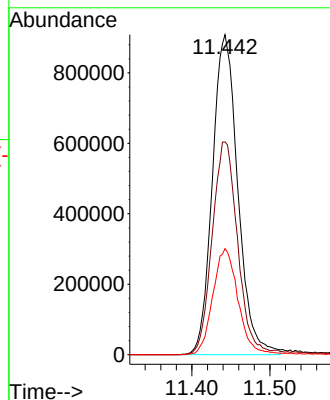
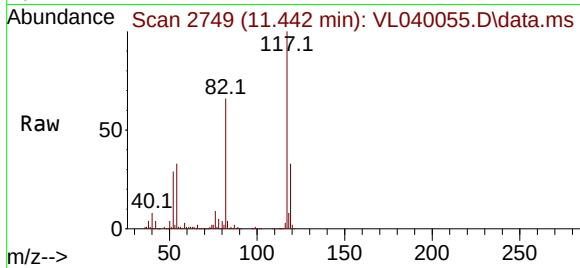




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040055.D
Acq: 20 Dec 2022 13:58

Instrument :
MSVOA_L
ClientSampleId :
QC121922 CAN 10443

Tgt Ion:117 Resp: 2063166
Ion Ratio Lower Upper
117 100
82 68.3 51.2 76.8
119 33.2 23.2 34.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.009 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.013 min
Lab File: VL040055.D
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Tgt Ion: 95 Resp: 1577456
Ion Ratio Lower Upper
95 100
174 61.0 48.6 73.0
175 4.4 3.4 5.2

