

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040903.D
 Acq On : 27 Nov 2023 10:19
 Operator : SY/MD
 Sample : VL1127ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABL01

Quant Time: Nov 28 04:36:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 28 04:31:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	917733	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2266336	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	1922215	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.790	95	1528484	10.156	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%

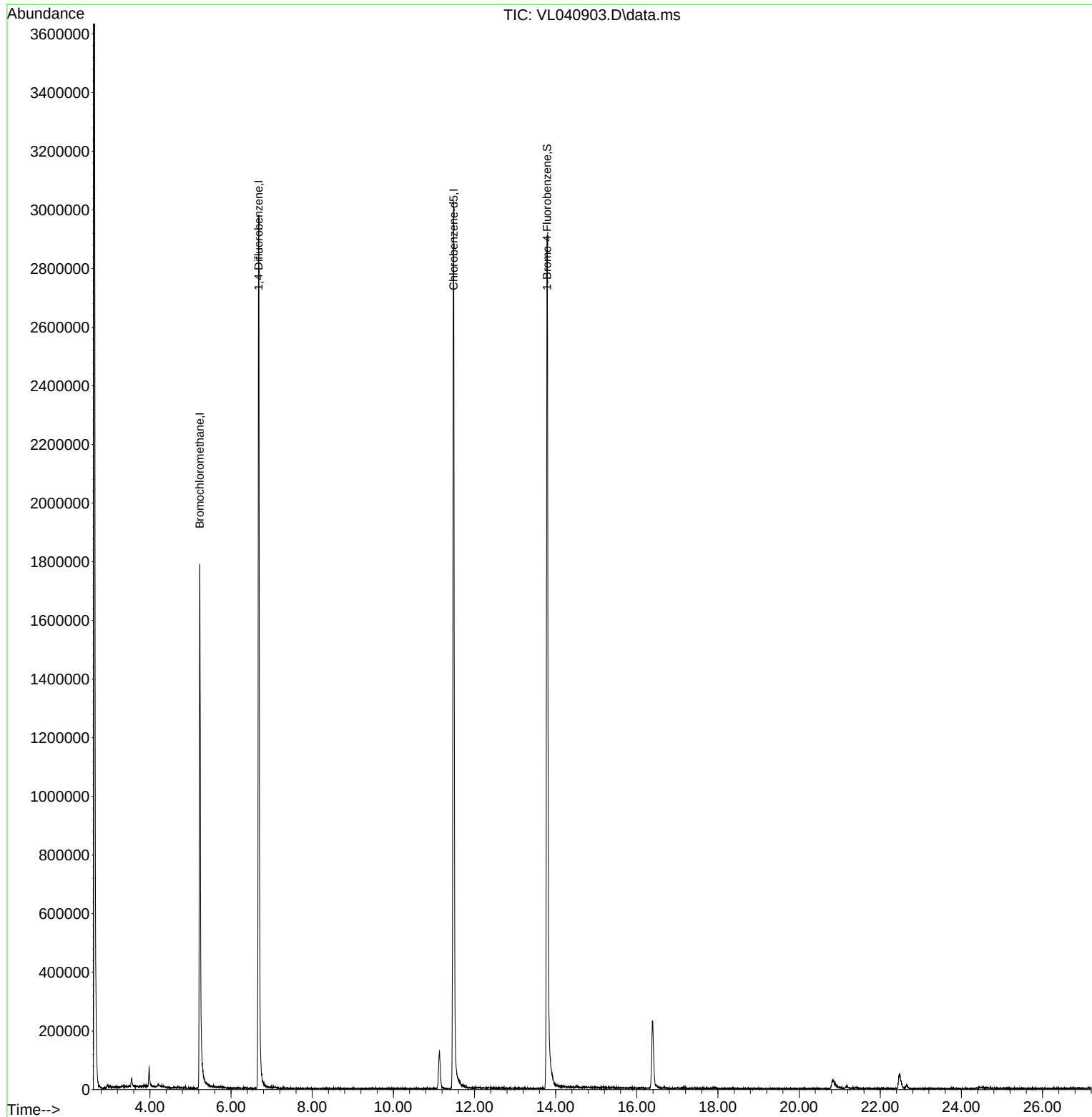
Target Compounds	Qvalue

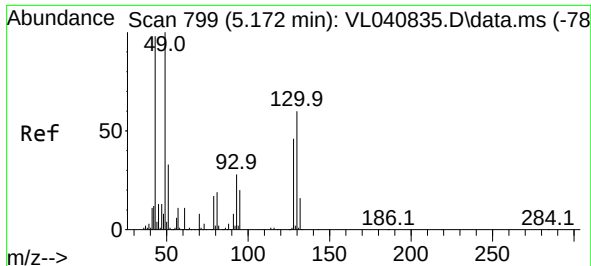
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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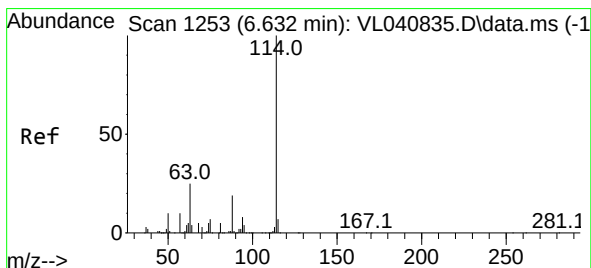
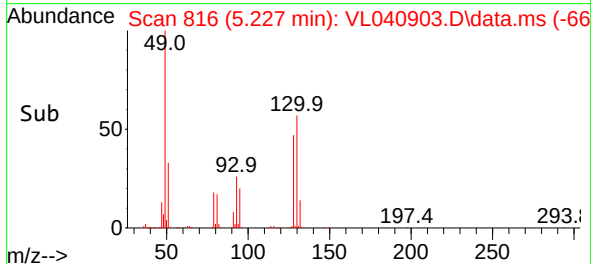
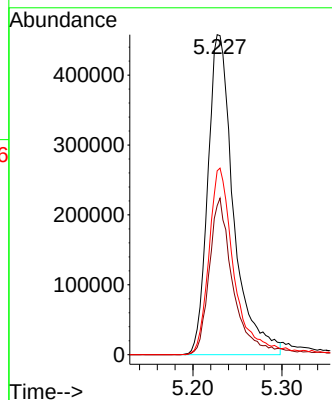
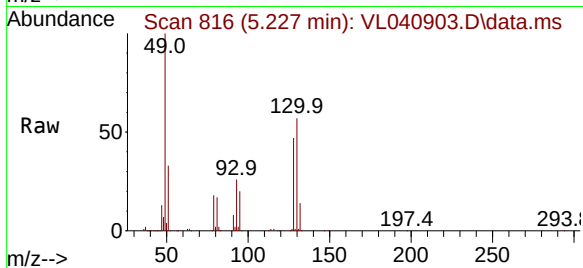




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040903.D
Acq: 27 Nov 2023 10:19

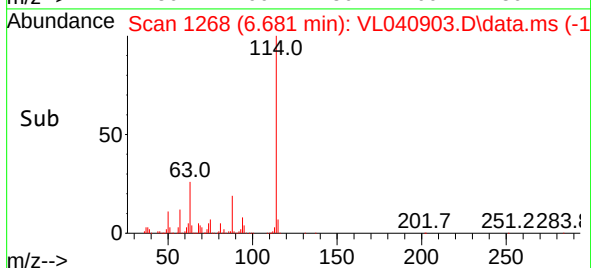
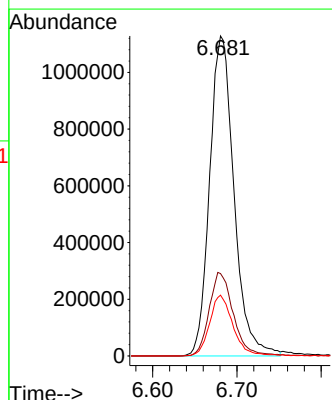
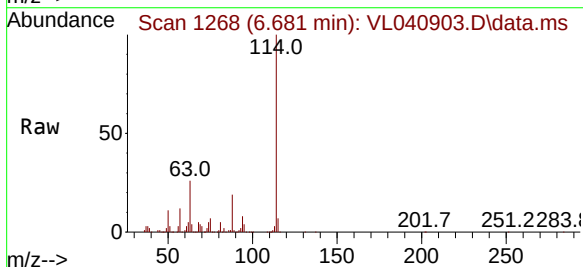
Instrument :
MSVOA_1
ClientSampleId :
VL1127ABL01

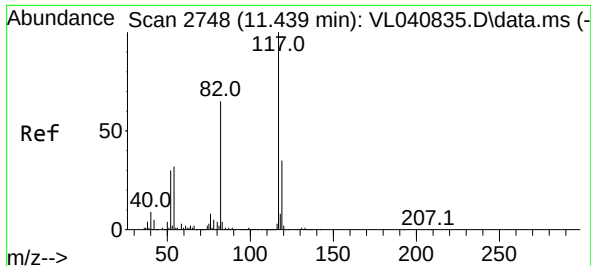
Tgt Ion: 49 Resp: 917733
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.2
130 58.9 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.681 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VL040903.D
Acq: 27 Nov 2023 10:19

Tgt Ion: 114 Resp: 2266336
Ion Ratio Lower Upper
114 100
63 26.3 20.9 31.3
88 18.4 14.3 21.5

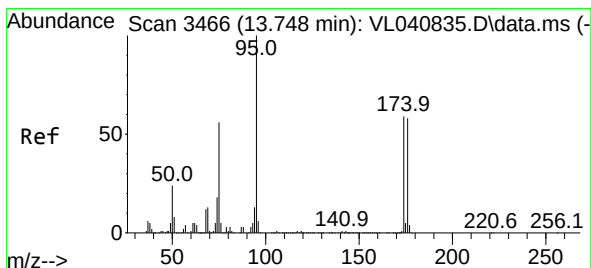
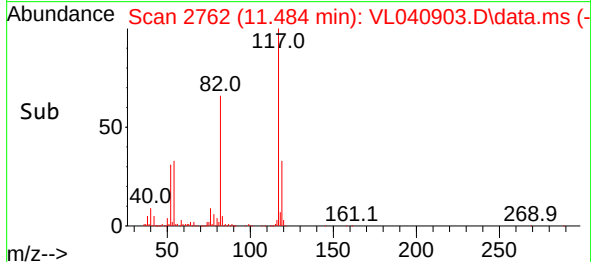
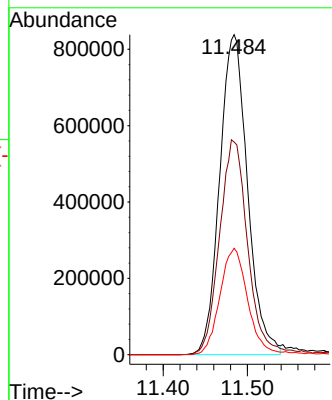
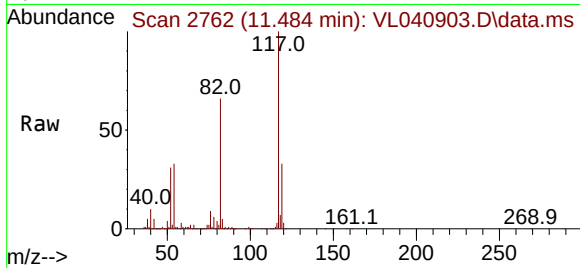




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040903.D
Acq: 27 Nov 2023 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABL01

Tgt Ion:117 Resp: 1922215
Ion Ratio Lower Upper
117 100
82 68.2 50.6 75.8
119 33.7 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.156 ppbv
RT: 13.790 min Scan# 3479
Delta R.T. -0.003 min
Lab File: VL040903.D
Acq: 27 Nov 2023 10:19

Tgt Ion: 95 Resp: 1528484
Ion Ratio Lower Upper
95 100
174 60.8 47.5 71.3
175 4.4 3.6 5.4

