

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
 Data File : VL038905.D
 Acq On : 13 Apr 2022 15:38
 Operator : SY/AP
 Sample : VL0413ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABL02

Quant Time: Apr 14 08:24:54 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1208208	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	2887890	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2513300	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.417	95	2026778	10.631	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.300%

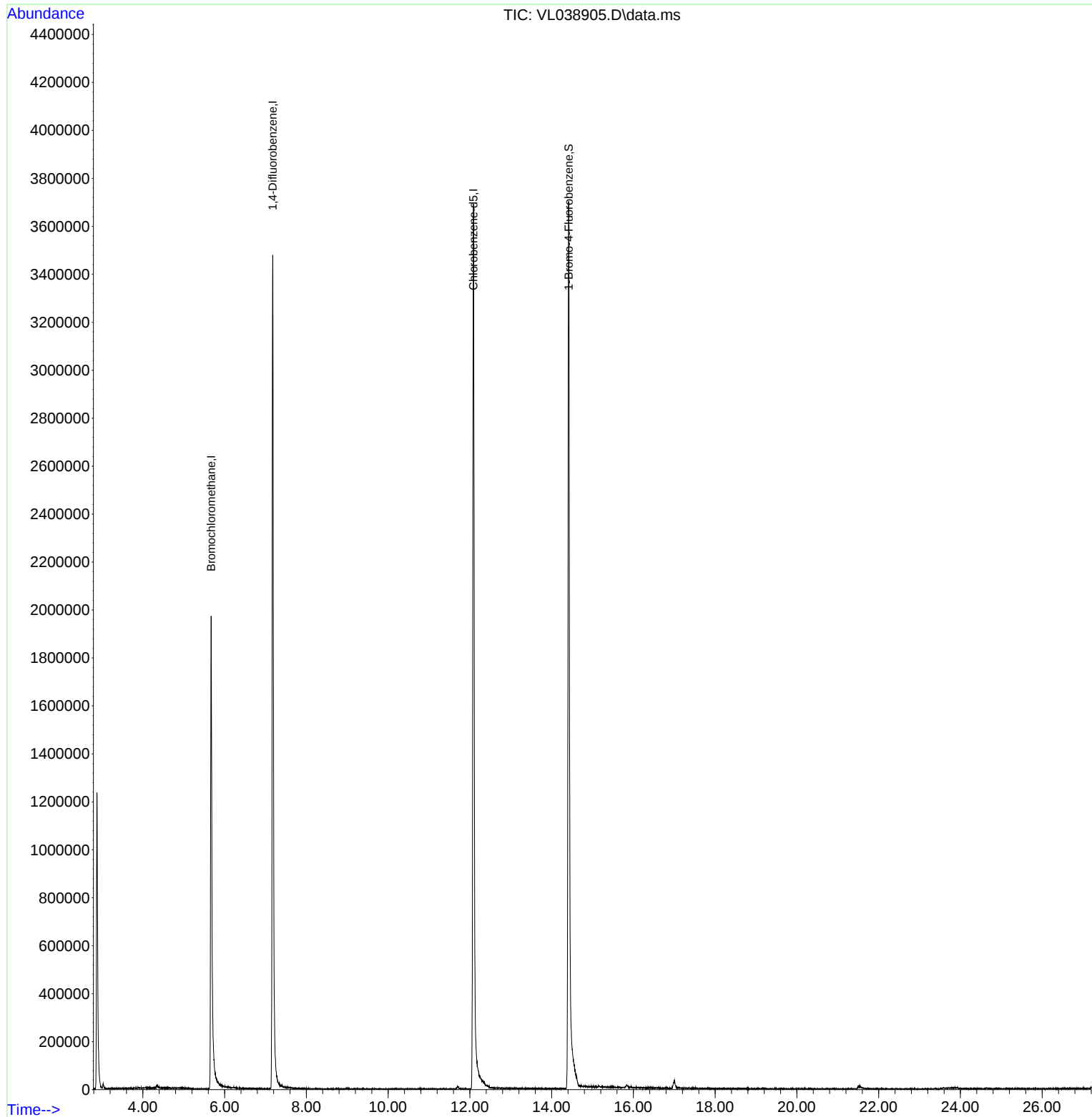
Target Compounds	Qvalue

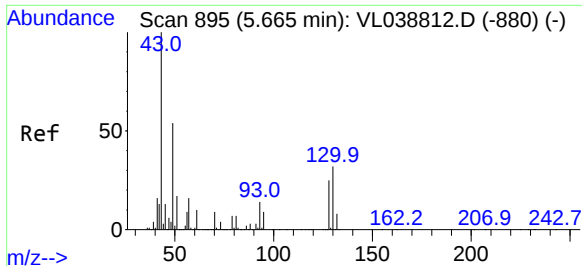
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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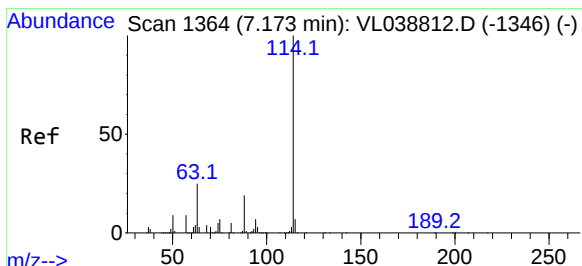
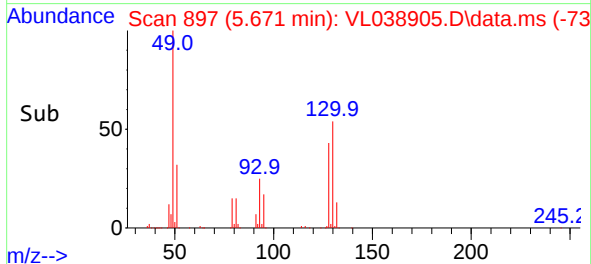
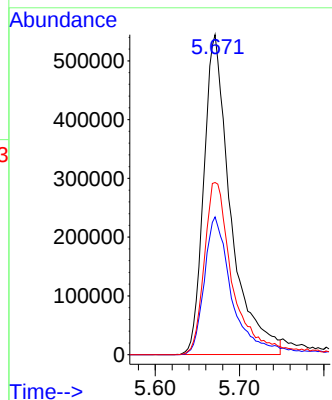
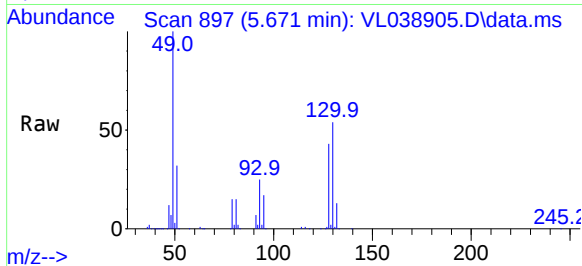




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 895
Delta R.T. 0.006 min
Lab File: VL038905.D
Acq: 13 Apr 2022 15:38

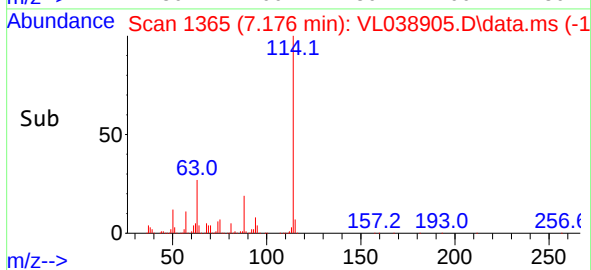
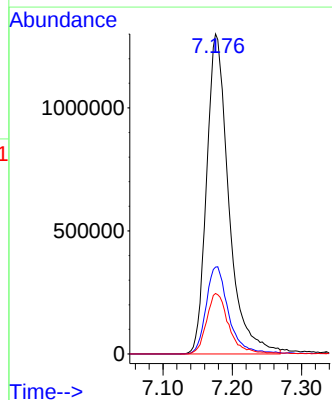
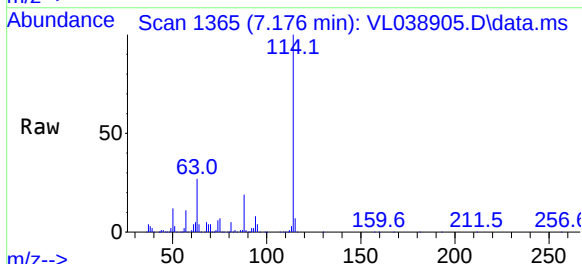
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABL02

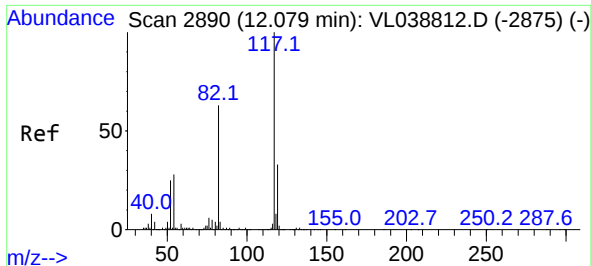
Tgt Ion: 49 Resp: 1208208
Ion Ratio Lower Upper
49 100
128 46.5 24.1 72.3
130 59.6 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.003 min
Lab File: VL038905.D
Acq: 13 Apr 2022 15:38

Tgt Ion: 114 Resp: 2887890
Ion Ratio Lower Upper
114 100
63 28.0 19.8 29.8
88 19.4 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.089 min Scan# 2890

Delta R.T. 0.010 min

Lab File: VL038905.D

Acq: 13 Apr 2022 15:38

Instrument :

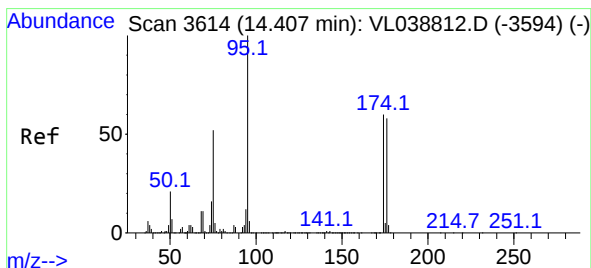
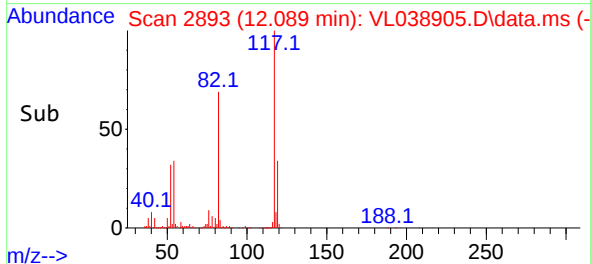
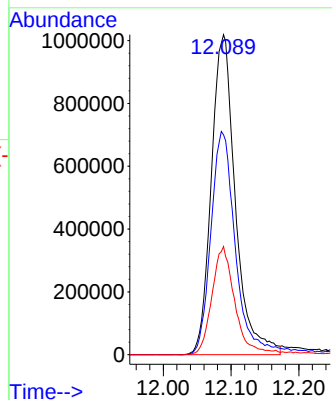
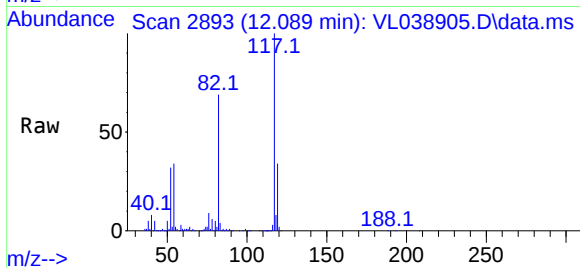
MSVOA_1

ClientSampleId :

VL0413ABL02

Tgt Ion:117 Resp: 2513300

Ion	Ratio	Lower	Upper
117	100		
82	73.4	53.0	79.6
119	33.2	24.9	37.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.631 ppbv

RT: 14.417 min Scan# 3617

Delta R.T. 0.010 min

Lab File: VL038905.D

Acq: 13 Apr 2022 15:38

Tgt Ion: 95 Resp: 2026778

Ion	Ratio	Lower	Upper
95	100		
174	63.8	52.0	78.0
175	4.3	4.0	6.0

