

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037730.D
 Acq On : 29 Sep 2021 13:57
 Operator : SY/AP
 Sample : VL0929ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0929ABL01

Quant Time: Sep 29 22:46:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1255809	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.176	114	3703715	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.082	117	3092978	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.413	95	2119217	9.48	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

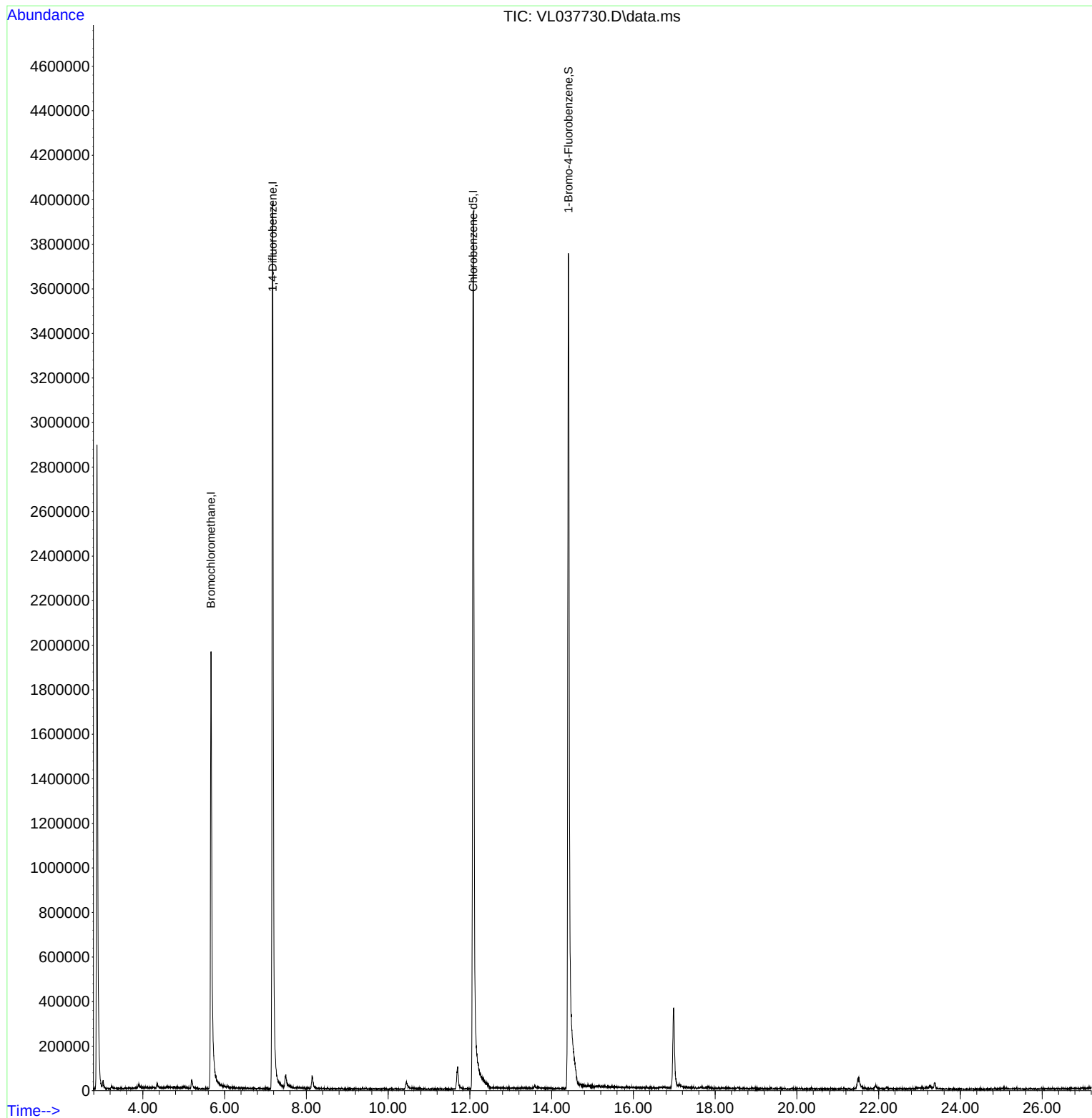
Target Compounds	Qvalue

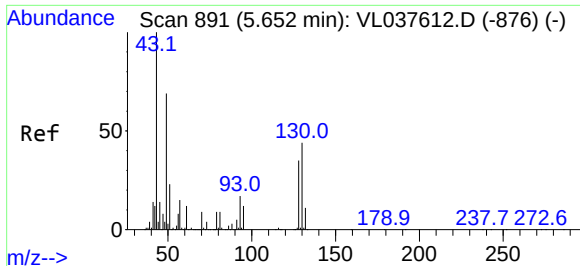
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
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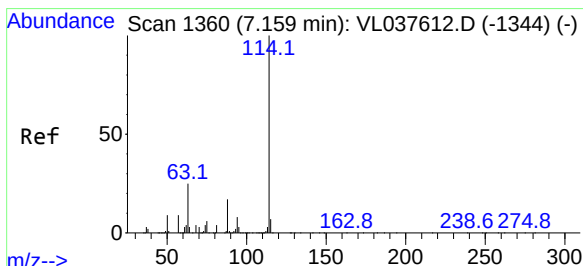
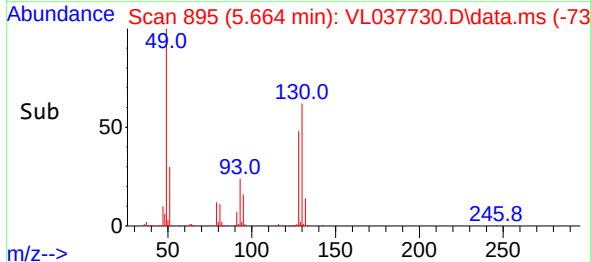
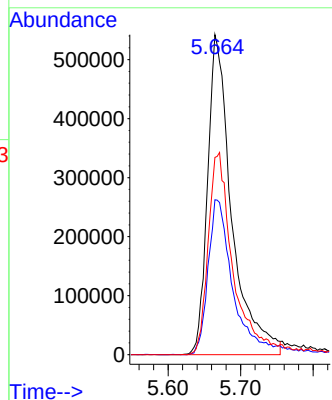
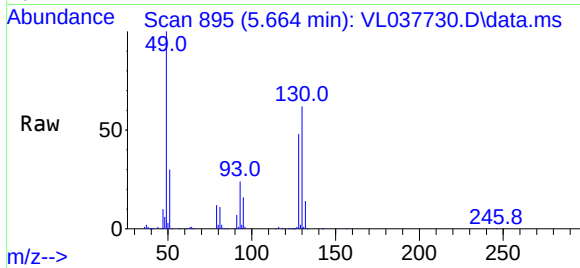




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.664 min Scan# 895
Delta R.T. 0.013 min
Lab File: VL037730.D
Acq: 29 Sep 2021 13:57

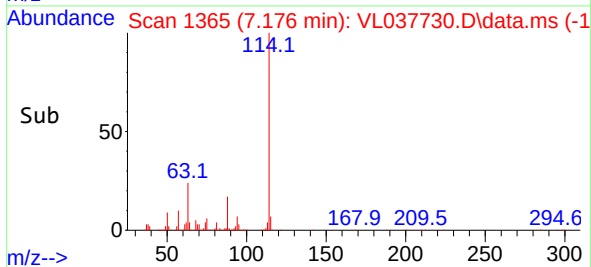
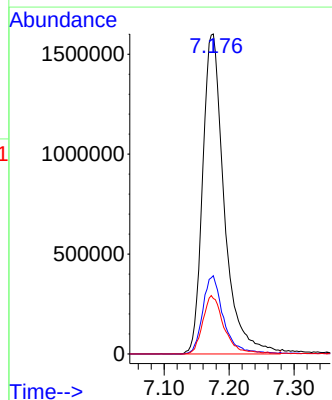
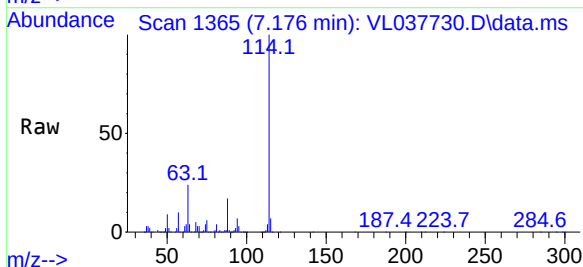
Instrument :
MSVOA_L
ClientSampleId :
VL0929ABL01

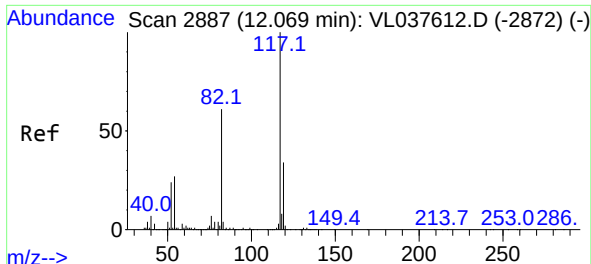
Tgt Ion: 49 Resp: 1255809
Ion Ratio Lower Upper
49 100
128 51.9 27.9 83.6
130 67.5 33.9 101.7



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.016 min
Lab File: VL037730.D
Acq: 29 Sep 2021 13:57

Tgt Ion: 114 Resp: 3703715
Ion Ratio Lower Upper
114 100
63 23.9 19.6 29.4
88 18.3 14.2 21.4



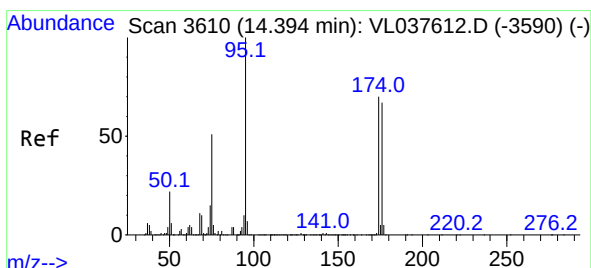
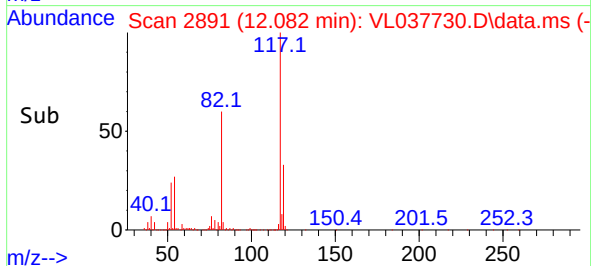
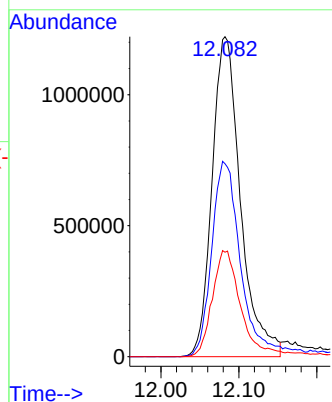
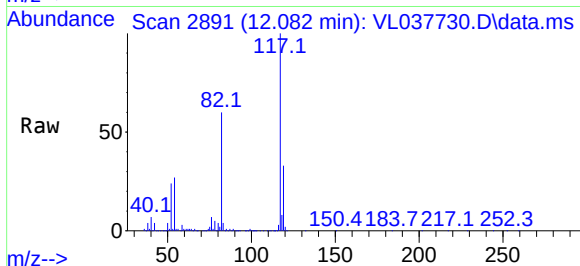


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. 0.013 min
Lab File: VL037730.D
Acq: 29 Sep 2021 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL0929ABL01

Tgt Ion: 117 Resp: 3092978

Ion	Ratio	Lower	Upper
117	100		
82	66.5	50.6	75.8
119	34.7	26.2	39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.48 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. 0.019 min
Lab File: VL037730.D
Acq: 29 Sep 2021 13:57

Tgt Ion: 95 Resp: 2119217

Ion	Ratio	Lower	Upper
95	100		
174	81.1	56.3	84.5
175	5.8	4.4	6.6

