

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037979.D
Acq On : 9 Nov 2021 11:29
Operator : SY/AP
Sample : VL1109ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABL01

Quant Time: Nov 10 04:48:03 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1593485	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4719534	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3934031	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.403	95	2663378	9.314	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.100%

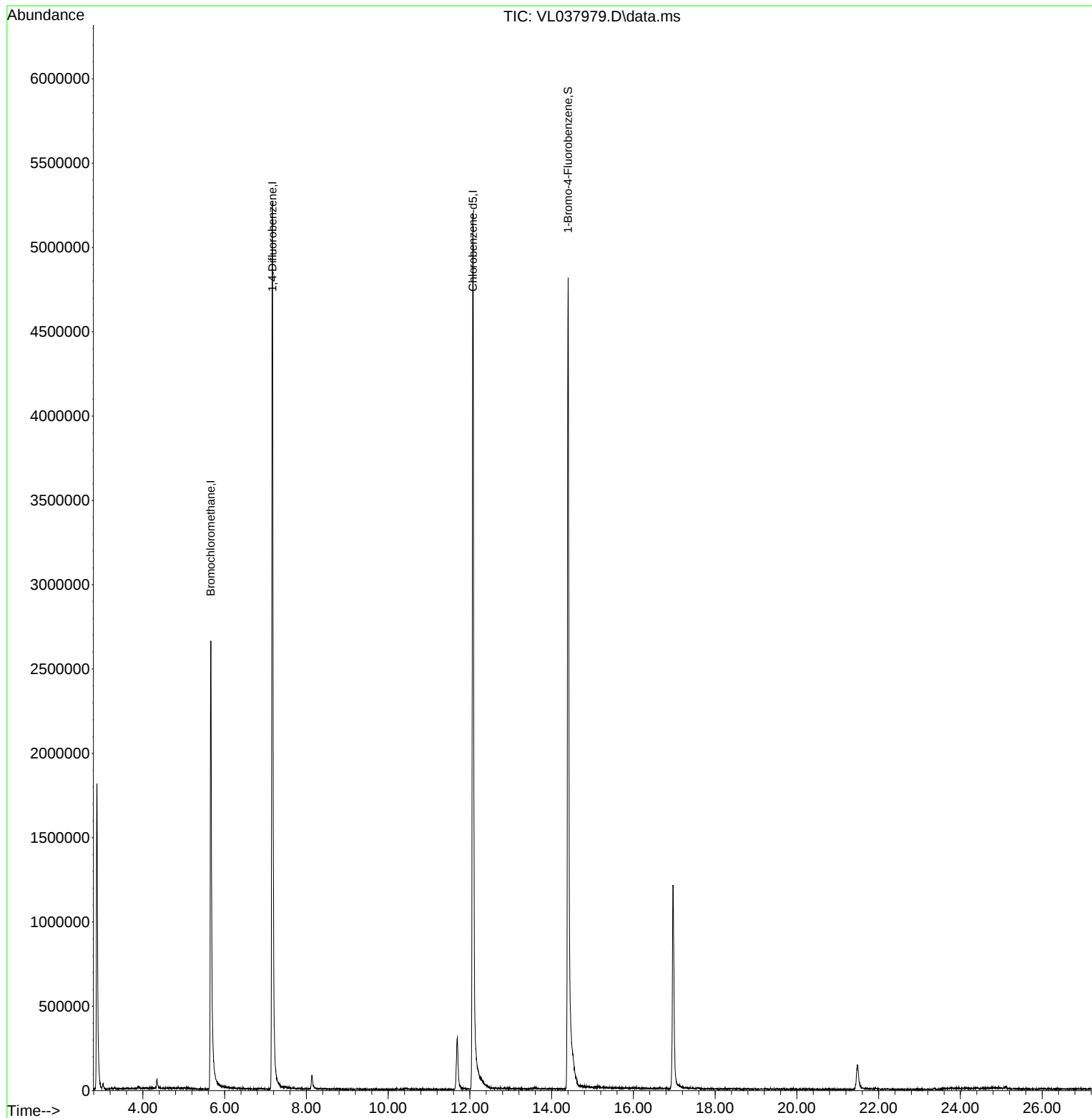
Target Compounds	Qvalue

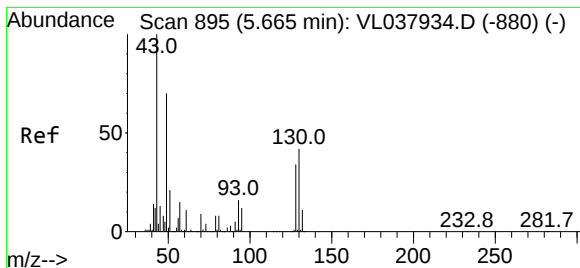
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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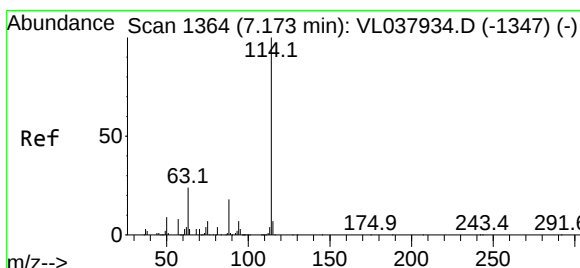
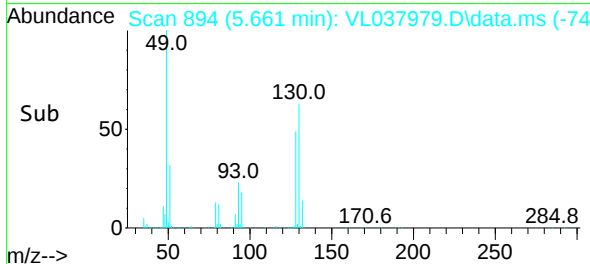
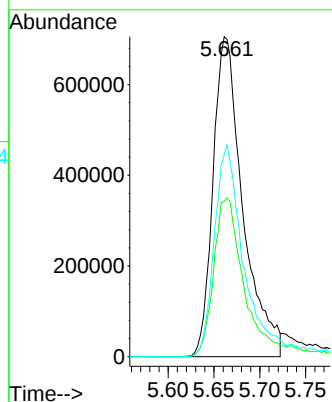
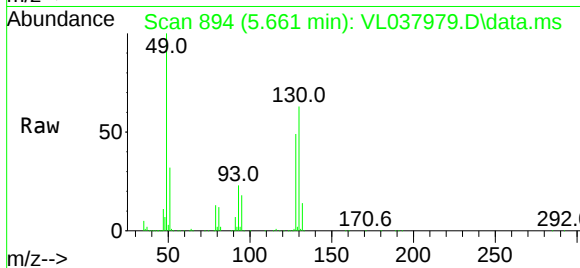




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.661 min Scan# 895
 Delta R.T. -0.004 min
 Lab File: VL037979.D
 Acq: 9 Nov 2021 11:29

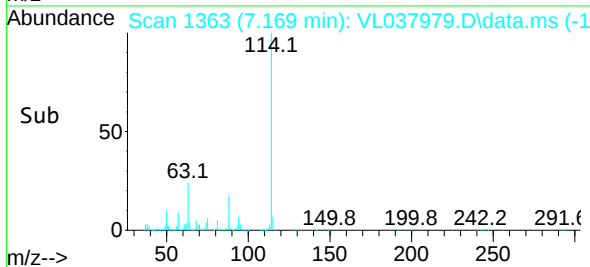
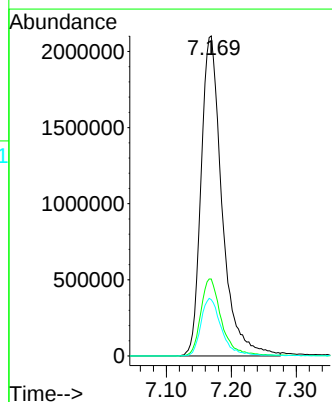
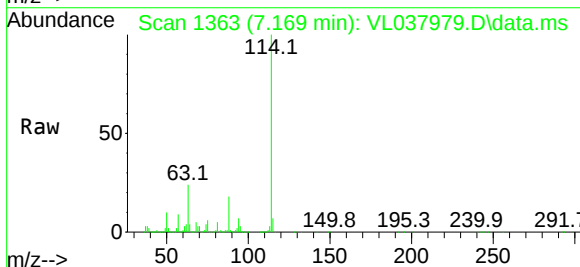
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABL01

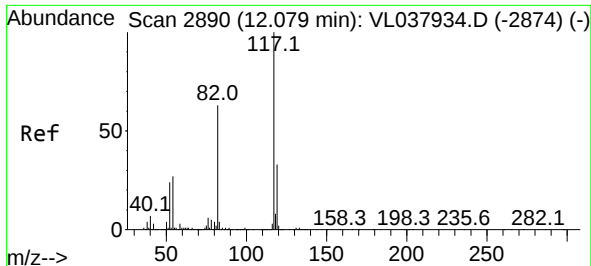
Tgt Ion: 49 Resp: 1593485
 Ion Ratio Lower Upper
 49 100
 128 54.3 27.0 81.0
 130 69.8 33.4 100.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.169 min Scan# 1363
 Delta R.T. -0.004 min
 Lab File: VL037979.D
 Acq: 9 Nov 2021 11:29

Tgt Ion: 114 Resp: 4719534
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.0
 88 17.8 14.2 21.4

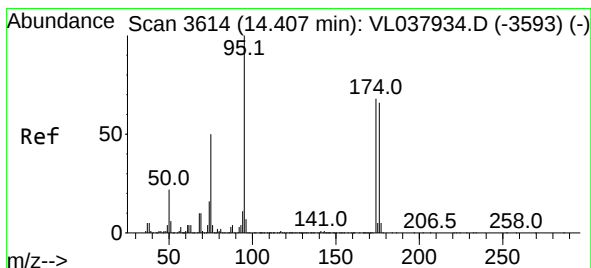
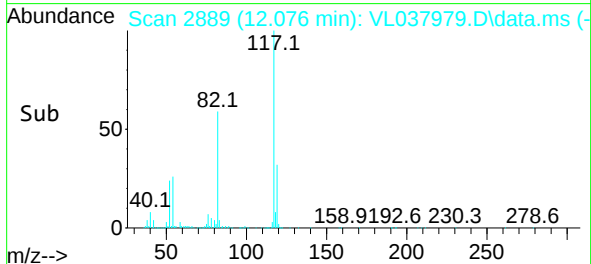
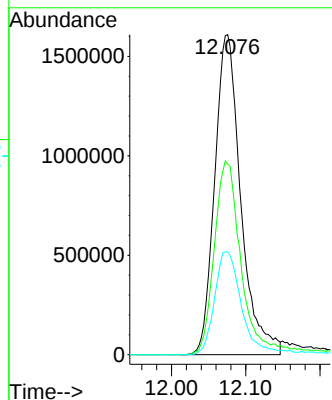
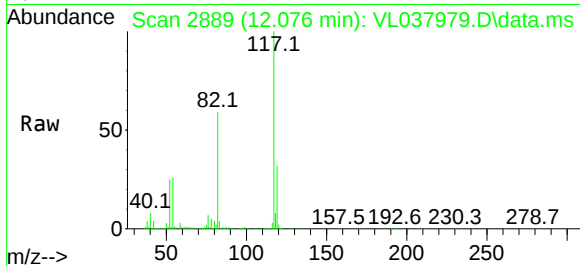




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.004 min
Lab File: VL037979.D
Acq: 9 Nov 2021 11:29

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABL01

Tgt Ion:117 Resp: 3934031
Ion Ratio Lower Upper
117 100
82 64.3 51.0 76.6
119 34.5 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.314 ppbv
RT: 14.403 min Scan# 3613
Delta R.T. -0.004 min
Lab File: VL037979.D
Acq: 9 Nov 2021 11:29

Tgt Ion: 95 Resp: 2663378
Ion Ratio Lower Upper
95 100
174 75.6 58.3 87.5
175 5.6 4.6 6.8

